

PPHP Scenario Interventions

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PPHP1 Poverty

1. Combined Domestic Interventions:

The parameter called TFR (total fertility rate) multiplier (tfrm) was changed for Afr-Middle. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.55 over 45 years. Values remain constant at 0.55 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called TFR (total fertility rate) multiplier (tfrm) was changed for Afr-Western. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.67 over 30 years. Values remain constant at 0.67 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called TFR (total fertility rate) multiplier (tfrm) was changed for Afr-Eastern. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.67 over 30 years. Values remain constant at 0.67 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called TFR (total fertility rate) multiplier (tfrm) was changed for Oceania Rich. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.67 over 30 years. Values remain constant at 0.67 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Labor force, multiplier on female share (labfemshrm) was changed for Asia-West. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 45 years. Values remain constant at 1.5 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Labor force, multiplier on female share (labfemshrm) was changed for Afr-Northern. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 45 years. Values remain constant at 1.5 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Labor force, multiplier on female share (labfemshrm) was changed for Asia-SoCent. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 45 years. Values remain constant at 1.5 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Labor force, multiplier on female share (labfemshrm) was changed for Amer-Central. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 45 years. Values remain constant at 1.5 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invn) was changed for Afr-Eastern. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 25 years. Values remain constant at 2 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invn) was changed for Oceania Poor. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 25 years. Values remain constant at 2 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invn) was changed for Amer-Central. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 25 years. Values remain constant at 2 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invn) was changed for Afr-Southern. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 25 years. Values remain constant at 1.5 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

remain constant at 1.2 over 77 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for Afr-Eastern, Education.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 10 years. Values remain constant at 1.2 over 77 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for Amer-South, Education.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 10 years. Values remain constant at 1.2 over 77 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for Afr-Northern, Education.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 10 years. Values remain constant at 1.2 over 77 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for Amer-Central, Education.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.35 over 10 years. Values remain constant at 1.35 over 77 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for WB Developing Economies, Health.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 10 years. Values remain constant at 1.2 over 77 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government effectiveness (quality), multiplier (goveffectm) was changed for WB Developing Economies. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 10 years. Values remain constant at 1.2 over 77 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government corruption, multiplier (govcorruptm) was changed for non-OECD. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 20 years. Values remain constant at 1.3 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government corruption, multiplier (govcorruptm) was changed for Afr-Middle. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.4 over 20 years. Values remain constant at 1.4 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government corruption, multiplier (govcorruptm) was changed for Eur-East. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.6 over 20 years. Values remain constant at 1.6 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Economic freedom multiplier (econfreem) was changed for WB Developing Economies. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 15 years. Values remain constant at 1.2 over 72 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Electricity access, multiplier (infraelecaccm) was changed for WB Developing Economies, Total.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 30 years. Values remain constant at 1.2 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Infrastructure, internet density, multiplier (infranetm) was changed for WB Developing Economies. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 30 years. Values remain constant at 1.2 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Road network density (roads per land area), multiplier (infraroadm) was changed for WB Developing Economies. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 30 years. Values remain constant at 1.2 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Telephone network density, multiplier (infratelem) was changed for WB Developing Economies. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 30 years. Values remain constant at 1.2 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Electricity access, multiplier (infraelecaccm) was changed for Afr-Western, Total.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 30 years. Values remain constant at 1.5 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Electricity access, multiplier (infraelecaccm) was changed for Afr-Middle, Total.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.8 over 30 years. Values remain constant at 1.8 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Infrastructure, internet density, multiplier (infranetm) was changed for Afr-Middle. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.8 over 30 years. Values remain constant at 1.8 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Road network density (roads per land area), multiplier (infraroadm) was changed for Afr-Middle. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.8 over 30 years. Values remain constant at 1.8 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Telephone network density, multiplier (infratelem) was changed for Afr-Middle. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.8 over 30 years. Values remain constant at 1.8 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Energy production multiplier (enpm) was changed for WB Developing Economies, OthRenew.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 45 years. Values remain constant at 1.5 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for WB Developing Economies, R&D.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 15 years. Values remain constant at 1.2 over 72 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Protectionism in trade, multiplier on import prices (protecm) was changed for Asia-SoCent. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.8 over 20 years. Values remain constant at 0.8 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

2. Combined International Interventions:

The parameter called Protectionism in trade, multiplier on import prices (protecm) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.75 over 15 years. Values remain constant at 0.75 over 72 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called eXport shift as result of promotion of exports (xshift) was changed for Afr-SubSahar. The initial condition was set at 0. Values remain constant at 0 over 6 years. Values increase to 0.04 over 1 years. Values remain constant at 0.04 over 83 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called eXport shift as result of promotion of exports (xshift) was changed for Asia-SoCent. The initial condition was set at 0. Values remain constant at 0 over 6 years. Values increase to 0.04 over 1 years. Values remain constant at 0.04 over 83 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Foreign direct investment (FDI), stocks of investment from abroad, multiplier (xfdistockm) was changed for WB Developing Economies. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 30 years. Values remain constant at 2 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Foreign direct investment (FDI), stocks of investment from abroad, multiplier (xfdistockm) was changed for China. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Foreign direct investment (FDI), stocks of investment from abroad, multiplier (xfdistockm) was changed for Afr-Middle. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Foreign direct investment (FDI) world growth multiplier (xfdiwgrm) was changed. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 30 years. Values remain constant at 1.3 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Portfolio investment (FDI), stocks of investment from abroad, multiplier (xportfoliom) was changed for WB Developing Economies. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 25 years. Values remain constant at 1.5 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Portfolio investment world growth multiplier (xportwgrm) was changed. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 25 years. Values remain constant at 1.3 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called World migration rate multiplier (wmigrm) was changed. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 15 years. Values remain constant at 1.5 over 72 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Australia. The initial condition was set at .2236. Values remain constant at 0.2236 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .2592132. Values remain constant at 0.2592132 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Austria. The initial condition was set at .1789. Values remain constant at 0.1789 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .2592132. Values remain constant at 0.2592132 over 90 years.

75 years. Contrast this with the base case where the initial condition was set at .2592132. Values remain constant at 0.2592132 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Finland. The initial condition was set at 0. Values remain constant at 0 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .4455228. Values remain constant at 0.4455228 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for France. The initial condition was set at .3667. Values remain constant at 0.3667 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .4050207. Values remain constant at 0.4050207 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Germany. The initial condition was set at .2504. Values remain constant at 0.2504 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .3159162. Values remain constant at 0.3159162 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Greece. The initial condition was set at .1878. Values remain constant at 0.1878 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .137707. Values remain constant at 0.137707 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Ireland. The initial condition was set at 0. Values remain constant at 0 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .4212215. Values remain constant at 0.4212215 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Italy. The initial condition was set at .1431. Values remain constant at 0.1431 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .1215062. Values remain constant at 0.1215062 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Japan. The initial condition was set at .1789. Values remain constant at 0.1789 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .1620083. Values remain constant at 0.1620083 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for New Zealand. The initial condition was set at .2057. Values remain constant at 0.2057 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .2106108. Values remain constant at 0.2106108 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Portugal. The initial condition was set at .1878. Values remain constant at 0.1878 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .234912. Values remain constant at 0.234912 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Spain. The initial condition was set at .2236. Values remain constant at 0.2236 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .3483178. Values remain constant at 0.3483178 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Switzerland. The initial condition was set at .3399. Values remain constant at 0.3399 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .3483178. Values remain constant at 0.3483178 over 90 years.

over 75 years. Contrast this with the base case where the initial condition was set at .3159162. Values remain constant at 0.3159162 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for United Kingdom. The initial condition was set at .3041. Values remain constant at 0.3041 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .4617236. Values remain constant at 0.4617236 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for USA. The initial condition was set at .1252. Values remain constant at 0.1252 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .1701087. Values remain constant at 0.1701087 over 90 years.

The parameter called World Bank loan portfolio, basic annual growth rate (xwbloanr) was changed. The initial condition was set at 3. Values remain constant at 3 over 6 years. Values increase to 6 over 10 years. Values remain constant at 6 over 74 years. Contrast this with the base case where the initial condition was set at 3. Values remain constant at 3 over 90 years.

The parameter called IMF credit, basic annual growth rate (ximfcreditr) was changed. The initial condition was set at 3. Values remain constant at 3 over 6 years. Values increase to 6 over 10 years. Values remain constant at 6 over 74 years. Contrast this with the base case where the initial condition was set at 3. Values remain constant at 3 over 90 years.

The parameter called Multifactor productivity growth additive factor (mfpadd) was changed for WB Developing Economies. The initial condition was set at 0. Values remain constant at 0 over 6 years. Values increase to 0.002 over 10 years. Values remain constant at 0.002 over 74 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

3. Combined Domestic and International Interventions:

The parameter called TFR (total fertility rate) multiplier (tfrm) was changed for Afr-Middle. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.55 over 45 years. Values remain constant at 0.55 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called TFR (total fertility rate) multiplier (tfrm) was changed for Afr-Western. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.67 over 30 years. Values remain constant at 0.67 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called TFR (total fertility rate) multiplier (tfrm) was changed for Afr-Eastern. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.67 over 30 years. Values remain constant at 0.67 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called TFR (total fertility rate) multiplier (tfrm) was changed for Oceania Rich. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.67 over 30 years. Values remain constant at 0.67 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Labor force, multiplier on female share (labfemshrm) was changed for Asia-West. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 45 years. Values remain constant at 1.5 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Labor force, multiplier on female share (labfemshrm) was changed for Afr-Northern. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 45 years. Values remain constant at 1.5 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Labor force, multiplier on female share (labfemshrm) was changed for Asia-SoCent. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 45 years. Values remain constant at 1.5 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Labor force, multiplier on female share (labfemshrm) was changed for Amer-Central. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 45 years. Values remain constant at 1.5 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invn) was changed for Afr-Eastern. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 25 years. Values remain constant at 2 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invn) was changed for Oceania Poor. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 25 years. Values remain constant at 2 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invn) was changed for Amer-Central. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 25 years. Values remain constant at 2 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invn) was changed for Afr-Southern. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 25 years. Values remain constant at 1.5 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invn) was changed for Amer-Carib. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 25 years. Values remain constant at 1.5 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invn) was changed for Afr-Middle. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 25 years. Values remain constant at 1.3 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invn) was changed for Asia-West. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 15 years. Values remain constant at 1.3 over 72 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invn) was changed for Afr-Western. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 25 years. Values remain constant at 1.3 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invn) was changed for Amer-South. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 25 years. Values remain constant at 1.3 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invn) was changed for Asia-SoCent. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 25 years. Values remain constant at 1.3 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invn) was changed for Eur-East. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 25 years. Values remain constant at 1.3 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for Asia-East Poor, Education.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.8 over 15 years. Values

remain constant at 1.8 over 72 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for Afr-Western, Education.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.8 over 15 years. Values remain constant at 1.8 over 72 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for Afr-Middle, Education.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.8 over 15 years. Values remain constant at 1.8 over 72 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for Asia-SoEast, Education.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.35 over 10 years. Values remain constant at 1.35 over 77 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for Eur-East, Education.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 10 years. Values remain constant at 1.2 over 77 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for Asia-SoCent, Education.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 10 years. Values remain constant at 1.2 over 77 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for Afr-Eastern, Education.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 10 years. Values remain constant at 1.2 over 77 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for Amer-South, Education.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 10 years. Values remain constant at 1.2 over 77 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for Afr-Northern, Education.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 10 years. Values remain constant at 1.2 over 77 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for Amer-Central, Education.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.35 over 10 years. Values remain constant at 1.35 over 77 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for WB Developing Economies, Health.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 10 years. Values remain constant at 1.2 over 77 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government effectiveness (quality), multiplier (goveffectm) was changed for WB Developing Economies. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 10 years.

Values remain constant at 1.2 over 77 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government corruption, multiplier (govcorruptm) was changed for non-OECD. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 20 years. Values remain constant at 1.3 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government corruption, multiplier (govcorruptm) was changed for Afr-Middle. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.4 over 20 years. Values remain constant at 1.4 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government corruption, multiplier (govcorruptm) was changed for Eur-East. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.6 over 20 years. Values remain constant at 1.6 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Economic freedom multiplier (econfreem) was changed for WB Developing Economies. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 15 years. Values remain constant at 1.2 over 72 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Electricity access, multiplier (infraelecaccm) was changed for WB Developing Economies, Total.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 30 years. Values remain constant at 1.2 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Infrastructure, internet density, multiplier (infranetm) was changed for WB Developing Economies. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 30 years. Values remain constant at 1.2 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Road network density (roads per land area), multiplier (infraroadm) was changed for WB Developing Economies. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 30 years. Values remain constant at 1.2 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Telephone network density, multiplier (infratelem) was changed for WB Developing Economies. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 30 years. Values remain constant at 1.2 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Electricity access, multiplier (infraelecaccm) was changed for Afr-Western, Total.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 30 years. Values remain constant at 1.5 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Electricity access, multiplier (infraelecaccm) was changed for Afr-Middle, Total.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.8 over 30 years. Values remain constant at 1.8 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Infrastructure, internet density, multiplier (infranetm) was changed for Afr-Middle. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.8 over 30 years. Values remain constant at 1.8 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Road network density (roads per land area), multiplier (infraroadm) was changed for Afr-Middle. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.8 over 30 years. Values remain constant at 1.8 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Telephone network density, multiplier (infratelem) was changed for Afr-Middle. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.8 over 30 years. Values remain constant at 1.8 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Energy production multiplier (enpm) was changed for WB Developing Economies, OthRenew.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 45 years. Values remain constant at 1.5 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for WB Developing Economies, R&D.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 15 years. Values remain constant at 1.2 over 72 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Protectionism in trade, multiplier on import prices (protecm) was changed for Asia-SoCent. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.8 over 20 years. Values remain constant at 0.8 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Protectionism in trade, multiplier on import prices (protecm) was changed for Amer-South. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.8 over 20 years. Values remain constant at 0.8 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Afr-Southern, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 20 years. Values remain constant at 2 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Oceania Poor, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 20 years. Values remain constant at 2 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Amer-South, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 20 years. Values remain constant at 2 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Amer-Central, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 20 years. Values remain constant at 2 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Amer-Carib, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 20 years. Values remain constant at 2 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Afr-Middle, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 20 years. Values remain constant at 2 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Asia-East Poor, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 20 years. Values remain constant at 2 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Afr-Eastern, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 20 years. Values remain constant at 1.5 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Afr-Western, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 20 years. Values remain constant at 1.5 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Asia-West, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 20 years. Values remain constant at 1.5 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Protectionism in trade, multiplier on import prices (protecm) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.75 over 15 years. Values remain constant at 0.75 over 72 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called eXport shift as result of promotion of exports (xshift) was changed for Afr-SubSahar. The initial condition was set at 0. Values remain constant at 0 over 6 years. Values increase to 0.04 over 1 years. Values remain constant at 0.04 over 83 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called eXport shift as result of promotion of exports (xshift) was changed for Asia-SoCent. The initial condition was set at 0. Values remain constant at 0 over 6 years. Values increase to 0.04 over 1 years. Values remain constant at 0.04 over 83 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Foreign direct investment (FDI), stocks of investment from abroad, multiplier (xfdistockm) was changed for WB Developing Economies. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 30 years. Values remain constant at 2 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Foreign direct investment (FDI), stocks of investment from abroad, multiplier (xfdistockm) was changed for China. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Foreign direct investment (FDI), stocks of investment from abroad, multiplier (xfdistockm) was changed for Afr-Middle. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Foreign direct investment (FDI) world growth multiplier (xfdiwgrm) was changed. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 30 years. Values remain constant at 1.3

over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Portfolio investment (FDI), stocks of investment from abroad, multiplier (xportfoliom) was changed for WB Developing Economies. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 25 years. Values remain constant at 1.5 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Portfolio investment world growth multiplier (xportwgrm) was changed. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 25 years. Values remain constant at 1.3 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called World migration rate multiplier (wmigrm) was changed. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 15 years. Values remain constant at 1.5 over 72 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Australia. The initial condition was set at .2236. Values remain constant at 0.2236 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .2592132. Values remain constant at 0.2592132 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Austria. The initial condition was set at .1789. Values remain constant at 0.1789 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .2592132. Values remain constant at 0.2592132 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Finland. The initial condition was set at 0. Values remain constant at 0 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .4455228. Values remain constant at 0.4455228 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for France. The initial condition was set at .3667. Values remain constant at 0.3667 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .4050207. Values remain constant at 0.4050207 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Germany. The initial condition was set at .2504. Values remain constant at 0.2504 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .3159162. Values remain constant at 0.3159162 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Greece. The initial condition was set at .1878. Values remain constant at 0.1878 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .137707. Values remain constant at 0.137707 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Ireland. The initial condition was set at 0. Values remain constant at 0 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .4212215. Values remain constant at 0.4212215 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Italy. The initial condition was set at .1431. Values remain constant at 0.1431 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .1215062. Values remain constant at 0.1215062 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Japan. The initial condition was set at .1789. Values remain constant at 0.1789 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .1620083. Values remain constant at 0.1620083 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for New Zealand. The initial condition was set at .2057. Values remain constant at 0.2057 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .2106108. Values remain constant at 0.2106108 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Portugal. The initial condition was set at .1878. Values remain constant at 0.1878 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .234912. Values remain constant at 0.234912 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Spain. The initial condition was set at .2236. Values remain constant at 0.2236 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .3483178. Values remain constant at 0.3483178 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Switzerland. The initial condition was set at .3399. Values remain constant at 0.3399 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .3159162. Values remain constant at 0.3159162 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for United Kingdom. The initial condition was set at .3041. Values remain constant at 0.3041 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .4617236. Values remain constant at 0.4617236 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for USA. The initial condition was set at .1252. Values remain constant at 0.1252 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .1701087. Values remain constant at 0.1701087 over 90 years.

The parameter called World Bank loan portfolio, basic annual growth rate (xwbloanr) was changed. The initial condition was set at 3. Values remain constant at 3 over 6 years. Values increase to 6 over 10 years. Values remain constant at 6 over 74 years. Contrast this with the base case where the initial condition was set at 3. Values remain constant at 3 over 90 years.

The parameter called IMF credit, basic annual growth rate (ximfcreditr) was changed. The initial condition was set at 3. Values remain constant at 3 over 6 years. Values increase to 6 over 10 years. Values remain constant at 6 over 74 years. Contrast this with the base case where the initial condition was set at 3. Values remain constant at 3 over 90 years.

The parameter called Multifactor productivity growth additive factor (mfpadd) was changed for WB Developing Economies. The initial condition was set at 0. Values remain constant at 0 over 6 years. Values increase to 0.002 over 10 years. Values remain constant at 0.002 over 74 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

PPHP2 Education

4. Normative Scenario:

The parameter called Education, primary, net intake rate, annual growth rate (edpriintngr) was changed for WORLD, Total.. The initial condition was set at 2.2. Values remain constant at 2.2 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education, primary, survival rate, annual growth rate (edprisurgr) was changed for WORLD, Total.. The initial condition was set at 1.2. Values remain constant at 1.2 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education, lower secondary, general, transition rate, annual growth parameter (edseclovrtrngr) was changed for WORLD, Total.. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education, lower secondary, general, survival rate, annual growth parameter (edseclovrsvrgr) was changed for WORLD, Total.. The initial condition was set at .8. Values remain constant at 0.8 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education, upper secondary, general, transition rate, annual growth (edsecupprtrngr) was changed for WORLD, Total.. The initial condition was set at .5. Values remain constant at 0.5 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education, upper secondary, general, survival rate, annual growth (edsecupprsvrgr) was changed for WORLD, Total.. The initial condition was set at .3. Values remain constant at 0.3 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education, tertiary, intake rate, annual growth (edterintgr) was changed for WORLD, Total.. The initial condition was set at 0. Values remain constant at 0 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education, tertiary, graduation rate, annual growth (edtergradgr) was changed for WORLD, Total.. The initial condition was set at 0. Values remain constant at 0 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education pri expenditure per student as % of gdppc convergence time to function (edexppconv) was changed. The initial condition was set at 20. Values remain constant at 20 over 90 years. Contrast this with the base case where the initial condition was set at 50. Values remain constant at 50 over 90 years.

The parameter called Education Secondary Lower expenditure per student as % of gdppc convergence time to function (edexpslconv) was changed. The initial condition was set at 20. Values remain constant at 20 over 90 years. Contrast this with the base case where the initial condition was set at 50. Values remain constant at 50 over 90 years.

The parameter called Education Secondary Upper expenditure per student as % of gdppc convergence time to function (edexpsuconv) was changed. The initial condition was set at 20. Values remain constant at 20 over 90 years. Contrast this with the base case where the initial condition was set at 50. Values remain constant at 50 over 90 years.

The parameter called Education ter expenditure per student as % of gdppc convergence time to function (edexptconv) was changed. The initial condition was set at 20. Values remain constant at 20 over 90 years. Contrast this with the base case where the initial condition was set at 50. Values remain constant at 50 over 90 years.

The parameter called Education primary, gender equity time for intake (edprindreqintn) was changed for WORLD. The initial condition was set at 10. Values remain constant at 10 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education primary, gender equity time for survival (edprigndreqsur) was changed for WORLD. The initial condition was set at 10. Values remain constant at 10 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education lower sec, gender parity time for transition (edseclowrgrndreqtran) was changed for WORLD. The initial condition was set at 13. Values remain constant at 13 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education lower sec, gender parity time goal for survival (edseclowrgrndreqsurv) was changed for WORLD. The initial condition was set at 13. Values remain constant at 13 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education upper sec, gender parity time for transition (edsecupprgrndreqtran) was changed for WORLD. The initial condition was set at 20. Values remain constant at 20 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education upper sec, gender parity, time goal for survival (edsecupprgrndreqsurv) was changed for WORLD. The initial condition was set at 20. Values remain constant at 20 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education tertiary, gender parity time for intake (edtergrndreqint) was changed for WORLD. The initial condition was set at 300. Values remain constant at 300 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education tertiary, gender parity time goal for graduation (edtergrndreqgrad) was changed for WORLD. The initial condition was set at 300. Values remain constant at 300 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for OECD. The initial condition was set at .2153. Values increase to 0.3 over 56 years. Values remain constant at 0.3 over 34 years. Contrast this with the base case where the initial condition was set at .2428282. Values decrease to 0.2157023 over 90 years.

The parameter called Education, budget constraint switch (1=Budget Constrained, 0=No Constraint) (edbudgon) was changed. The initial condition was set at 0. Values remain constant at 0 over 90 years. Contrast this with the base case where the initial condition was set at .6. Values remain constant at 0.6 over 90 years.

PPHP3 Health

5. All Drivers Good Scenario:

The parameter called Health-population linkage parameter (1=On, 0=Off) (hlmodelsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Technological shift factor for altering technological change, proportional to GDP per capita (hltechshift) was changed. The initial condition was set at 1.5. Values remain constant at 1.5 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called HIV technical control, annual advance in infection rate reduction (hivtadvr) was changed. The initial condition was set at .06. Values remain constant at 0.06 over 90 years. Contrast this with the base case where the initial condition was set at .1. Values remain constant at 0.1 over 90 years.

The parameter called AIDS death rate, technical annual advance rate in control (aidsdrtadvr) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1.75. Values remain constant at 1.75 over 90 years.

The parameter called Mortality Multiplier (hlmortm) was changed for WORLD, Malaria.. The initial condition was set at 1. Values increase to 2.5 over 71 years. Values remain constant at 2.5 over 19 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Mortality Multiplier (hlmortm) was changed for WORLD, OthCommumDis.. The initial condition was set at 1. Values increase to 1.4 over 56 years. Values remain constant at 1.4 over 34 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Mortality Multiplier (hlmortm) was changed for WORLD, Diarrhea.. The initial condition was set at 1. Values increase to 1.4 over 56 years. Values remain constant at 1.4 over 34 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Mortality Multiplier (hlmortm) was changed for WORLD, RespInfec.. The initial condition was set at 1. Values increase to 1.4 over 56 years. Values remain constant at 1.4 over 34 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Relationship between Water and Sanitation and Diarrheal disease (1=On, 0=Off) (hlwatsansw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Relationship between Malnutrition and Communicable Diseases (1=On, 0=Off) (hlmlnsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Relationship between Obesity and Cardiovascular Diseases (1=On, 0=Off) (hlobsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Smoking Impact Switch (1=On, 0=Off), when off SI stays constant after 2030 (hlsmimpsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Traffic Accident Deaths Modification Switch (1=On, 0=Off), when on uses Smeed's Law (hlvehsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Mortality Modification Switch (2=2002 WHO version, 1=2004 WHO version-default, 0=Ifs version) (hlmortmodsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Malnutrition, multiplier (malnm) was changed for WORLD. The initial condition was set at 1. Values decrease to 0.5 over 56 years. Values remain constant at 0.5 over 34 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Body Mass Index Multiplier (hlbmim) was changed for WORLD, Total.. The initial condition was set at 1. Values decrease to 0.9 over 26 years. Values remain constant at 0.9 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Smoking Rate Multiplier (hlsmokingm) was changed for WORLD, Male.. The initial condition was set at 1. Values decrease to 0.5 over 31 years. Values remain constant at 0.5 over 59 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Smoking Rate Multiplier (hlsmokingm) was changed for WORLD, Female.. The initial condition was set at 1. Values decrease to 0.25 over 31 years. Values remain constant at 0.25 over 59 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Vehicle fleet per capita, multiplier (vehicflpcm) was changed for WORLD. The initial condition was set at 1. Values decrease to 0.5 over 21 years. Values remain constant at 0.5 over 69 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Deaths from traffic per vehicle multiplier (deathtrpvm) was changed for WORLD. The initial condition was set at 1. Values decrease to 0.5 over 26 years. Values remain constant at 0.5 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Sanitation, improved, percent of population with access to, multiplier (sanitationm) was changed for World, OthUnImproved.. The initial condition was set at 1. Values decrease to 0 over 46 years. Values remain constant at 0 over 44 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Water source safe, percentage of people with access to, multiplier (watsafem) was changed for World, UnImproved.. The initial condition was set at 1. Values decrease to 0 over 46 years. Values remain constant at 0 over 44 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Relationship between Solid Fuel Use and Respiratory Diseases (1=On, 0=Off) (hlsolfuelsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Solid Fuel use multiplier (ensolfuelm) was changed for World. The initial condition was set at 1. Values decrease to 0 over 46 years. Values remain constant at 0 over 44 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Relationship between Residential PM2.5 levels and Respiratory Diseases (1=On, 0=Off) (hlpm2pt5sw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Residential PM2.5 levels multiplier (envpm2pt5m) was changed for World. The initial condition was set at 1. Values decrease to 0 over 46 years. Values remain constant at 0 over 44 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Agricultural Annual Yield Change multiplier (envylchgm) was changed for World. The initial condition was set at 0. Values remain constant at 0 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

6. Things Go Wrong Scenario:

The parameter called Technological shift factor for altering technological change, proportional to GDP per capita (hltechshift) was changed. The initial condition was set at 1.5. Values remain constant at 1.5 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called HIV technical control, annual advance in infection rate reduction (hivtadvr) was changed. The initial condition was set at .06. Values remain constant at 0.06 over 90 years. Contrast this with the base case where the initial condition was set at .1. Values remain constant at 0.1 over 90 years.

The parameter called AIDS death rate, technical annual advance rate in control (aidsdrtadvr) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1.75. Values remain constant at 1.75 over 90 years.

The parameter called Mortality Multiplier (hlmortm) was changed for WORLD, Malaria.. The initial condition was set at 1. Values increase to 2.5 over 71 years. Values remain constant at 2.5 over 19 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Mortality Multiplier (hlmortm) was changed for WORLD, OthCommumDis.. The initial condition was set at 1. Values increase to 1.4 over 56 years. Values remain constant at 1.4 over 34 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Mortality Multiplier (hlmortm) was changed for WORLD, Diarrhea.. The initial condition was set at 1. Values increase to 1.4 over 56 years. Values remain constant at 1.4 over 34 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Mortality Multiplier (hlmortm) was changed for WORLD, RespInfec.. The initial condition was set at 1. Values increase to 1.4 over 56 years. Values remain constant at 1.4 over 34 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Relationship between Water and Sanitation and Diarrheal disease (1=On, 0=Off) (hlwatsansw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Health-population linkage parameter (1=On, 0=Off) (hlmodelsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Relationship between Malnutrition and Communicable Diseases (1=On, 0=Off) (hlmlnsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Relationship between Obesity and Cardiovascular Diseases (1=On, 0=Off) (hlobsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Smoking Impact Switch (1=On, 0=Off), when off SI stays constant after 2030 (hlsmimpsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Traffic Accident Deaths Modification Switch (1=On, 0=Off), when on uses Smeed's Law (hlvehsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Mortality Modification Switch (2=2002 WHO version, 1=2004 WHO version-default, 0=Ifs version) (hlmortmodsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Malnutrition, multiplier (malnm) was changed for WORLD. The initial condition was set at 1. Values increase to 1.5 over 56 years. Values remain constant at 1.5 over 34 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Body Mass Index Multiplier (hlbmim) was changed for WORLD, Total.. The initial condition was set at 1. Values increase to 1.1 over 26 years. Values remain constant at 1.1 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Smoking Rate Multiplier (hlsmokingm) was changed for WORLD, Total.. The initial condition was set at 1. Values increase to 1.25 over 31 years. Values remain constant at 1.25 over 59 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Vehicle fleet per capita, multiplier (vehicflpcm) was changed for WORLD. The initial condition was set at 1. Values increase to 1.5 over 26 years. Values remain constant at 1.5 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Deaths from traffic per vehicle multiplier (deathtrpvm) was changed for WORLD. The initial condition was set at 1. Values increase to 1.5 over 56 years. Values remain constant at 1.5 over 34 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Sanitation, improved, percent of population with access to, multiplier (sanitationm) was changed for World, OthUnImproved.. The initial condition was set at 1. Values increase to 1.25 over 26 years. Values remain constant at 1.25 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Water source safe, percentage of people with access to, multiplier (watsafem) was changed for World, UnImproved.. The initial condition was set at 1. Values increase to 1.25 over 26 years. Values remain constant at 1.25 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Relationship between Solid Fuel Use and Respiratory Diseases (1=On, 0=Off) (hlsolfuelsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Solid Fuel use multiplier (ensolfuelm) was changed for World. The initial condition was set at 1. Values increase to 1.25 over 26 years. Values remain constant at 1.25 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Relationship between Residential PM2.5 levels and Respiratory Diseases (1=On, 0=Off) (hlpm2pt5sw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Residential PM2.5 levels multiplier (envpm2pt5m) was changed for World. The initial condition was set at 1. Values increase to 1.25 over 26 years. Values remain constant at 1.25 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Crop CO2 Sensitivity (envco2fert) was changed. The initial condition was set at 0. Values remain constant at 0 over 90 years. Contrast this with the base case where the initial condition was set at .13654. Values remain constant at 0.13654 over 90 years.

The parameter called Technological Factor when not using low income model and for high income countries (hltechbase) was changed. The initial condition was set at .5. Values remain constant at 0.5 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Technological Factor for Other Low Income Countries (hltechlinc) was changed. The initial condition was set at .125. Values remain constant at 0.125 over 90 years. Contrast this with the base case where the initial condition was set at .25. Values remain constant at 0.25 over 90 years.

PPHP4 Infrastructure

7. Universal 2050 Targets (No Budget Priority):

The parameter called Solid Fuel Use Elimination Target Year (number of years from starting point) (ensolfueltrgtyr) was changed for World. The initial condition was set at 40. Values remain constant at 40 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Universal Electricity Access Target Year (number of years from starting point) (infraelecactrgtyr) was changed for World. The initial condition was set at 40. Values remain constant at 40 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Infrastructure, rural road access, no of years taken (from base year) to reach universal access (infraroadraitrgtyr) was changed for World. The initial condition was set at 40. Values remain constant at 40 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Universal Safe Water Access Target Year (number of years from starting point) (watsafetrgtyr) was changed for World. The initial condition was set at 40. Values remain constant at 40 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Universal Sanitation Access Target Year (number of years from starting point) (sanitationtrgtyr) was changed for World. The initial condition was set at 40. Values remain constant at 40 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Universal Mobile Broadband Access Target Year (number of years from starting point) (ictbroadmobiltgtyr) was changed for World. The initial condition was set at 40. Values remain constant at 40 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

8. Universal 2050 Targets – Good Performance (No Budget Priority):

The parameter called Infrastructure, Solid Fuel Use, standard error target (ensolfuelsetar) was changed for World. The initial condition was set at -1. Values remain constant at -1 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Infrastructure, ICT Mobile BroadBand, standard error target (ictbroadmobilsetar) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Infrastructure, electricity access, standard error target (infraelecaccsetar) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Infrastructure, rural road access, target standard error, number (infraroadraisetar) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Infrastructure, sanitation, no connection, standard error target (sanitnoconsetar) was changed for World. The initial condition was set at -1. Values remain constant at -1 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Infrastructure, safe water, no connection, standard error target (watsafenoconsetar) was changed for World. The initial condition was set at -1. Values remain constant at -1 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

PPHP5 Governance

9. Global Challenges Scenario:

The parameter called Multifactor productivity growth rate of system leader (mfpleadr) was changed for Agriculture. The initial condition was set at .01. Values remain constant at 0.01 over 3 years. Values decrease to 0.005 over 10 years. Values remain constant at 0.005 over 77 years. Contrast this with the base case where the initial condition was set at .01. Values remain constant at 0.01 over 90 years.

The parameter called Multifactor productivity growth rate of system leader (mfpleadr) was changed for Energy. The initial condition was set at .008. Values remain constant at 0.008 over 3 years. Values decrease to 0.004 over 10 years. Values remain constant at 0.004 over 77 years. Contrast this with the base case where the initial condition was set at .008. Values remain constant at 0.008 over 90 years.

The parameter called Multifactor productivity growth rate of system leader (mfpleadr) was changed for Materials. The initial condition was set at .008. Values remain constant at 0.008 over 3 years. Values decrease to 0.004 over 10 years. Values remain constant at 0.004 over 77 years. Contrast this with the base case where the initial condition was set at .008. Values remain constant at 0.008 over 90 years.

The parameter called Multifactor productivity growth rate of system leader (mfpleadr) was changed for Manufactures. The initial condition was set at .012. Values remain constant at 0.012 over 3 years. Values decrease to 0.006 over 10 years. Values remain constant at 0.006 over 77 years. Contrast this with the base case where the initial condition was set at .012. Values remain constant at 0.012 over 90 years.

The parameter called Multifactor productivity growth rate of system leader (mfpleadr) was changed for Services. The initial condition was set at .008. Values remain constant at 0.008 over 4 years. Values decrease to 0.004 over 10 years. Values remain constant at 0.004 over 76 years. Contrast this with the base case where the initial condition was set at .008. Values remain constant at 0.008 over 90 years.

The parameter called Multifactor productivity growth rate of system leader (mfpleadr) was changed for ICTech. The initial condition was set at .04. Values remain constant at 0.04 over 3 years. Values decrease to 0.02 over 10 years. Values remain constant at 0.02 over 77 years. Contrast this with the base case where the initial condition was set at .04. Values remain constant at 0.04 over 90 years.

The parameter called Multifactor productivity growth additive factor (mf padd) was changed for World. The initial condition was set at 0. Values remain constant at 0 over 6 years. Values decrease to -0.005 over 5 years. Values remain constant at -0.005 over 79 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Multifactor productivity growth additive factor (mf padd) was changed for USA. The initial condition was set at 0. Values remain constant at 0 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Multifactor productivity growth additive factor (mf padd) was changed for Asia-SoCent. The initial condition was set at 0. Values remain constant at 0 over 6 years. Values decrease to -0.01 over 5 years. Values remain constant at -0.01 over 79 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Multifactor productivity growth additive factor (mf padd) was changed for China. The initial condition was set at 0. Values remain constant at 0 over 6 years. Values decrease to -0.02 over 5 years. Values remain constant at -0.02 over 79 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Multifactor productivity growth additive factor (mf padd) was changed for Africa. The initial condition was set at 0. Values remain constant at 0 over 6 years. Values decrease to -0.01 over 5 years. Values remain constant at -0.01

over 79 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Multifactor productivity growth additive factor (mfpadd) was changed for India. The initial condition was set at 0. Values remain constant at 0 over 6 years. Values decrease to -0.02 over 5 years. Values remain constant at -0.02 over 79 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Resources of energy (fossil fuels), multiplier (resorm) was changed for World, Oil.. The initial condition was set at .5. Values remain constant at 0.5 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Resources of energy (fossil fuels), multiplier (resorm) was changed for World, Gas.. The initial condition was set at .5. Values remain constant at 0.5 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Energy demand to GDP ratio, annual technology-based change (enrgdpgr) was changed. The initial condition was set at -.5. Values remain constant at -0.5 over 3 years. Values increase to -0.25 over 10 years. Values remain constant at -0.25 over 77 years. Contrast this with the base case where the initial condition was set at -.5. Values remain constant at -0.5 over 90 years.

The parameter called Energy production technology, annual decrease in cost (etechadv) was changed for Oil. The initial condition was set at .005. Values remain constant at 0.005 over 3 years. Values decrease to 0.0025 over 10 years. Values remain constant at 0.0025 over 77 years. Contrast this with the base case where the initial condition was set at .005. Values remain constant at 0.005 over 90 years.

The parameter called Energy production technology, annual decrease in cost (etechadv) was changed for Gas. The initial condition was set at .008. Values remain constant at 0.008 over 3 years. Values decrease to 0.004 over 10 years. Values remain constant at 0.004 over 77 years. Contrast this with the base case where the initial condition was set at .008. Values remain constant at 0.008 over 90 years.

The parameter called Energy production technology, annual decrease in cost (etechadv) was changed for Coal. The initial condition was set at .004. Values remain constant at 0.004 over 3 years. Values decrease to 0.002 over 10 years. Values remain constant at 0.002 over 77 years. Contrast this with the base case where the initial condition was set at .004. Values remain constant at 0.004 over 90 years.

The parameter called Energy production technology, annual decrease in cost (etechadv) was changed for Hydro. The initial condition was set at .001. Values remain constant at 0.001 over 4 years. Values decrease to 0.0008 over 2 years. Values remain constant at 0.0008 over 2 years. Values decrease to 0.0006 over 2 years. Values remain constant at 0.0006 over 2 years. Values decrease to 0.0005 over 1 years. Values remain constant at 0.0005 over 77 years. Contrast this with the base case where the initial condition was set at .001. Values remain constant at 0.001 over 90 years.

The parameter called Energy production technology, annual decrease in cost (etechadv) was changed for Nuclear. The initial condition was set at .0035. Values remain constant at 0.0035 over 3 years. Values decrease to 0.0018 over 10 years. Values remain constant at 0.0018 over 77 years. Contrast this with the base case where the initial condition was set at .0035. Values remain constant at 0.0035 over 90 years.

The parameter called Energy production technology, annual decrease in cost (etechadv) was changed for OthRenew. The initial condition was set at .005. Values remain constant at 0.005 over 3 years. Values decrease to 0.0025 over 10 years. Values remain constant at 0.0025 over 77 years. Contrast this with the base case where the initial condition was set at .015. Values remain constant at 0.015 over 90 years.

The parameter called Yields (agricultural), multiplier (ylm) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.75 over 60 years. Values remain constant at 0.75 over 27 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Malnutrition, multiplier (malnm) was changed for WORLD. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 42 years. Values remain constant at 1.5 over 45 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Water resources, renewable (watres) was changed for WORLD. The initial condition was set at 53903.42. Values remain constant at 53903.42 over 5 years. Values decrease to 40000 over 42 years. Values remain constant at 40000 over 43 years. Contrast this with the base case where the initial condition was set at 42993.25. Values remain constant at 42993.25 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for OECD, Health.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 60 years. Values remain constant at 1.5 over 27 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called TFR (total fertility rate) multiplier (tfrm) was changed for non-OECD. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.1 over 60 years. Values remain constant at 1.1 over 27 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called TFR (total fertility rate) stabilization level with high income (tfrmin) was changed for World. The initial condition was set at 2.1. Values remain constant at 2.1 over 90 years. Contrast this with the base case where the initial condition was set at 1.9. Values decrease to 1.899999 over 2 years. Values increase to 1.9 over 1 years. Values remain constant at 1.9 over 1 years. Values decrease to 1.899999 over 1 years. Values increase to 1.900001 over 2 years. Values decrease to 1.899998 over 2 years. Values increase to 1.9 over 1 years. Values remain constant at 1.9 over 1 years. Values decrease to 1.899999 over 1 years. Values increase to 1.900001 over 1 years. Values decrease to 1.9 over 1 years. Values remain constant at 1.9 over 2 years. Values decrease to 1.899999 over 1 years. Values increase to 1.9 over 1 years. Values decrease to 1.899999 over 1 years. Values remain constant at 1.899999 over 2 years. Values increase to 1.9 over 1 years. Values remain constant at 1.9 over 1 years. Values increase to 1.900001 over 1 years. Values decrease to 1.899999 over 1 years. Values remain constant at 1.899999 over 1 years. Values increase to 1.900001 over 1 years. Values decrease to 1.9 over 1 years. Values remain constant at 1.9 over 5 years. Values decrease to 1.899999 over 1 years. Values increase to 1.900001 over 1 years. Values decrease to 1.9 over 1 years. Values remain constant at 1.9 over 1 years. Values decrease to 1.899999 over 1 years. Values increase to 1.900001 over 2 years. Values decrease to 1.9 over 1 years. Values remain constant at 1.9 over 2 years. Values decrease to 1.899999 over 1 years. Values increase to 1.9 over 1 years. Values remain constant at 1.9 over 14 years. Values increase to 1.900001 over 1 years. Values decrease to 1.9 over 1 years. Values remain constant at 1.9 over 4 years. Values increase to 1.900001 over 1 years. Values remain constant at 1.900001 over 2 years. Values decrease to 1.9 over 1 years. Values increase to 1.900002 over 1 years. Values decrease to 1.899999 over 1 years. Values increase to 1.9 over 1 years. Values remain constant at 1.9 over 3 years. Values decrease to 1.899999 over 1 years. Values increase to 1.900001 over 1 years. Values decrease to 1.9 over 1 years. Values increase to 1.900001 over 1 years. Values decrease to 1.9 over 1 years. Values remain constant at 1.9 over 1 years. Values increase to 1.900001 over 1 years. Values decrease to 1.9 over 1 years. Values remain constant at 1.9 over 1 years. Values decrease to 1.899999 over 1 years. Values increase to 1.9 over 1 years. Values remain constant at 1.9 over 3 years.

The parameter called World migration rate multiplier (wmigrm) was changed. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.75 over 10 years. Values remain constant at 0.75 over 77 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Protectionism in trade, multiplier on import prices (protecm) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 10 years. Values remain constant at 1.2 over 77 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Foreign direct investment (FDI) world growth multiplier (xfdiwgrm) was changed. The initial condition was set at 1. Values remain constant at 1 over 2 years. Values decrease to 0.6 over 10 years. Values remain constant at 0.6 over 78 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Economic freedom multiplier (econfreem) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.9 over 15 years. Values remain constant at 0.9 over 72 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for World, Military.. The initial condition was set at 1. Values remain constant at 1 over 4 years. Values increase to 1.2 over 10 years. Values remain constant at 1.2 over 76 years. Contrast this with the base case where the initial condition was set at 1. Values decrease to 0.9962366 over 11 years. Values remain constant at 0.9962366 over 79 years.

The parameter called Domestic Gini, ratio to initial condition (0 turns off, computes endogenously) (ginidomr) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.15 over 42 years. Values remain constant at 1.15 over 45 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Sanitation, improved, percent of population with access to, multiplier (sanitationm) was changed for WORLD, Improved.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.5 over 42 years. Values remain constant at 0.5 over 45 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Sanitation, improved, percent of population with access to, multiplier (sanitationm) was changed for WORLD, Shared.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.5 over 42 years. Values remain constant at 0.5 over 45 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Water source safe, percentage of people with access to, multiplier (watsafem) was changed for WORLD, Piped.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.5 over 42 years. Values remain constant at 0.5 over 45 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Water source safe, percentage of people with access to, multiplier (watsafem) was changed for World, OthImproved.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.5 over 42 years. Values remain constant at 0.5 over 45 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Sanitation, improved, percent of population with access to, multiplier (sanitationm) was changed for WORLD, OthUnImproved.. The initial condition was set at 1. Values remain constant at 1 over 6 years. Values increase to 1.5 over 42 years. Values remain constant at 1.5 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Water source safe, percentage of people with access to, multiplier (watsafem) was changed for WORLD, UnImproved.. The initial condition was set at 1. Values remain constant at 1 over 6 years. Values increase to 1.5 over 42 years. Values remain constant at 1.5 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Residential PM2.5 levels multiplier (envpm2pt5m) was changed for WORLD. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 42 years. Values remain constant at 1.5 over 45 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Solid Fuel use multiplier (ensolfuelm) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 42 years. Values remain constant at 1.5 over 45 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called AIDS death rate as percent of HIV infection rate, multiplier (aidsdratem) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 4 years. Values increase to 1.2 over 20 years. Values remain constant at 1.2 over 66 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called HIV, year of epidemic peak (hivpeakyr) was changed for Afr-SubSahar. The initial condition was set at 2010. Values remain constant at 2010 over 90 years. Contrast this with the base case where the initial condition was set at 2002.303. Values decrease to 2002.111 over 35 years. Values remain constant at 2002.111 over 1 years. Values decrease to 2002.11 over 1 years. Values remain constant at 2002.11 over 3 years. Values increase to 2002.234 over 50 years.

The parameter called HIV infection rate at year of epidemic peak (hivpeakr) was changed for Afr-SubSahar. The initial condition was set at 12. Values remain constant at 12 over 90 years. Contrast this with the base case where the initial condition was set at 7.744877. Values decrease to 6.965565 over 90 years.

10. Challenges Plus Strengthened Governance SE1 Scenario:

The parameter called Multifactor productivity growth rate of system leader (mfpleadr) was changed for Agriculture. The initial condition was set at .01. Values remain constant at 0.01 over 3 years. Values decrease to 0.005 over 10 years. Values remain constant at 0.005 over 77 years. Contrast this with the base case where the initial condition was set at .01. Values remain constant at 0.01 over 90 years.

The parameter called Multifactor productivity growth rate of system leader (mfpleadr) was changed for Energy. The initial condition was set at .008. Values remain constant at 0.008 over 3 years. Values decrease to 0.004 over 10 years. Values remain constant at 0.004 over 77 years. Contrast this with the base case where the initial condition was set at .008. Values remain constant at 0.008 over 90 years.

The parameter called Multifactor productivity growth rate of system leader (mfpleadr) was changed for Materials. The initial condition was set at .008. Values remain constant at 0.008 over 3 years. Values decrease to 0.004 over 10 years. Values remain constant at 0.004 over 77 years. Contrast this with the base case where the initial condition was set at .008. Values remain constant at 0.008 over 90 years.

The parameter called Multifactor productivity growth rate of system leader (mfpleadr) was changed for Manufactures. The initial condition was set at .012. Values remain constant at 0.012 over 3 years. Values decrease to 0.006 over 10 years. Values remain constant at 0.006 over 77 years. Contrast this with the base case where the initial condition was set at .012. Values remain constant at 0.012 over 90 years.

The parameter called Multifactor productivity growth rate of system leader (mfpleadr) was changed for Services. The initial condition was set at .008. Values remain constant at 0.008 over 4 years. Values decrease to 0.004 over 10 years. Values remain constant at 0.004 over 76 years. Contrast this with the base case where the initial condition was set at .008. Values remain constant at 0.008 over 90 years.

The parameter called Multifactor productivity growth rate of system leader (mfpleadr) was changed for ICTech. The initial condition was set at .04. Values remain constant at 0.04 over 3 years. Values decrease to 0.02 over 10 years. Values remain constant at 0.02 over 77 years. Contrast this with the base case where the initial condition was set at .04. Values remain constant at 0.04 over 90 years.

The parameter called Multifactor productivity growth additive factor (mf padd) was changed for World. The initial condition was set at 0. Values remain constant at 0 over 6 years. Values decrease to -0.005 over 5 years. Values remain constant at -0.005 over 79 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Multifactor productivity growth additive factor (mf padd) was changed for USA. The initial condition was set at 0. Values remain constant at 0 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Multifactor productivity growth additive factor (mf padd) was changed for Asia-SoCent. The initial condition was set at 0. Values remain constant at 0 over 6 years. Values decrease to -0.01 over 5 years. Values remain constant at -0.01 over 79 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Multifactor productivity growth additive factor (mfpadd) was changed for China. The initial condition was set at 0. Values remain constant at 0 over 6 years. Values decrease to -0.02 over 5 years. Values remain constant at -0.02 over 79 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Multifactor productivity growth additive factor (mfpadd) was changed for Africa. The initial condition was set at 0. Values remain constant at 0 over 6 years. Values decrease to -0.01 over 5 years. Values remain constant at -0.01 over 79 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Multifactor productivity growth additive factor (mfpadd) was changed for India. The initial condition was set at 0. Values remain constant at 0 over 6 years. Values decrease to -0.02 over 5 years. Values remain constant at -0.02 over 79 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Resources of energy (fossil fuels), multiplier (resorm) was changed for World, Oil.. The initial condition was set at .5. Values remain constant at 0.5 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Resources of energy (fossil fuels), multiplier (resorm) was changed for World, Gas.. The initial condition was set at .5. Values remain constant at 0.5 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Energy demand to GDP ratio, annual technology-based change (enrgdpgr) was changed. The initial condition was set at -.5. Values remain constant at -0.5 over 3 years. Values increase to -0.25 over 10 years. Values remain constant at -0.25 over 77 years. Contrast this with the base case where the initial condition was set at -.5. Values remain constant at -0.5 over 90 years.

The parameter called Energy production technology, annual decrease in cost (etechadv) was changed for Oil. The initial condition was set at .005. Values remain constant at 0.005 over 3 years. Values decrease to 0.0025 over 10 years. Values remain constant at 0.0025 over 77 years. Contrast this with the base case where the initial condition was set at .005. Values remain constant at 0.005 over 90 years.

The parameter called Energy production technology, annual decrease in cost (etechadv) was changed for Gas. The initial condition was set at .008. Values remain constant at 0.008 over 3 years. Values decrease to 0.004 over 10 years. Values remain constant at 0.004 over 77 years. Contrast this with the base case where the initial condition was set at .008. Values remain constant at 0.008 over 90 years.

The parameter called Energy production technology, annual decrease in cost (etechadv) was changed for Coal. The initial condition was set at .004. Values remain constant at 0.004 over 3 years. Values decrease to 0.002 over 10 years. Values remain constant at 0.002 over 77 years. Contrast this with the base case where the initial condition was set at .004. Values remain constant at 0.004 over 90 years.

The parameter called Energy production technology, annual decrease in cost (etechadv) was changed for Hydro. The initial condition was set at .001. Values remain constant at 0.001 over 4 years. Values decrease to 0.0008 over 2 years. Values remain constant at 0.0008 over 2 years. Values decrease to 0.0006 over 2 years. Values remain constant at 0.0006 over 2 years. Values decrease to 0.0005 over 1 years. Values remain constant at 0.0005 over 77 years. Contrast this with the base case where the initial condition was set at .001. Values remain constant at 0.001 over 90 years.

The parameter called Energy production technology, annual decrease in cost (etechadv) was changed for Nuclear. The initial condition was set at .0035. Values remain constant at 0.0035 over 3 years. Values decrease to 0.0018 over 10 years. Values remain constant at 0.0018 over 77 years. Contrast this with the base case where the initial condition was set at .0035. Values remain constant at 0.0035 over 90 years.

The parameter called Energy production technology, annual decrease in cost (etechadv) was changed for OthRenew. The initial condition was set at .005. Values remain constant at 0.005 over 3 years. Values decrease to 0.0025 over 10 years. Values

remain constant at 0.0025 over 77 years. Contrast this with the base case where the initial condition was set at .015. Values remain constant at 0.015 over 90 years.

The parameter called Yields (agricultural), multiplier (ylm) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.75 over 60 years. Values remain constant at 0.75 over 27 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Malnutrition, multiplier (malnm) was changed for WORLD. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 42 years. Values remain constant at 1.5 over 45 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Water resources, renewable (watres) was changed for WORLD. The initial condition was set at 53903.42. Values remain constant at 53903.42 over 5 years. Values decrease to 40000 over 42 years. Values remain constant at 40000 over 43 years. Contrast this with the base case where the initial condition was set at 42993.25. Values remain constant at 42993.25 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for OECD, Health.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 60 years. Values remain constant at 1.5 over 27 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called TFR (total fertility rate) multiplier (tfrm) was changed for non-OECD. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.1 over 60 years. Values remain constant at 1.1 over 27 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called TFR (total fertility rate) stabilization level with high income (tfrmin) was changed for World. The initial condition was set at 2.1. Values remain constant at 2.1 over 90 years. Contrast this with the base case where the initial condition was set at 1.9. Values decrease to 1.899999 over 2 years. Values increase to 1.9 over 1 years. Values remain constant at 1.9 over 1 years. Values decrease to 1.899999 over 1 years. Values increase to 1.900001 over 2 years. Values decrease to 1.899998 over 2 years. Values increase to 1.9 over 1 years. Values remain constant at 1.9 over 1 years. Values decrease to 1.899999 over 1 years. Values increase to 1.900001 over 1 years. Values decrease to 1.9 over 1 years. Values remain constant at 1.9 over 2 years. Values decrease to 1.899999 over 1 years. Values increase to 1.9 over 1 years. Values decrease to 1.899999 over 1 years. Values remain constant at 1.899999 over 2 years. Values increase to 1.9 over 1 years. Values remain constant at 1.9 over 1 years. Values increase to 1.900001 over 1 years. Values decrease to 1.899999 over 1 years. Values remain constant at 1.899999 over 1 years. Values increase to 1.900001 over 1 years. Values decrease to 1.899999 over 1 years. Values increase to 1.9 over 1 years. Values remain constant at 1.9 over 5 years. Values decrease to 1.899999 over 1 years. Values increase to 1.900001 over 1 years. Values decrease to 1.9 over 1 years. Values remain constant at 1.9 over 1 years. Values decrease to 1.899999 over 1 years. Values increase to 1.900001 over 2 years. Values decrease to 1.9 over 1 years. Values remain constant at 1.9 over 2 years. Values decrease to 1.899999 over 1 years. Values increase to 1.9 over 1 years. Values remain constant at 1.9 over 14 years. Values increase to 1.900001 over 1 years. Values decrease to 1.9 over 1 years. Values remain constant at 1.9 over 4 years. Values increase to 1.900001 over 1 years. Values remain constant at 1.900001 over 2 years. Values decrease to 1.9 over 1 years. Values increase to 1.900002 over 1 years. Values decrease to 1.899999 over 1 years. Values increase to 1.9 over 1 years. Values remain constant at 1.9 over 3 years. Values decrease to 1.899999 over 1 years. Values increase to 1.900001 over 1 years. Values decrease to 1.9 over 1 years. Values increase to 1.900001 over 1 years. Values decrease to 1.9 over 1 years. Values remain constant at 1.9 over 1 years. Values increase to 1.900001 over 1 years. Values decrease to 1.9 over 1 years. Values remain constant at 1.9 over 1 years. Values decrease to 1.899999 over 1 years. Values increase to 1.9 over 1 years. Values remain constant at 1.9 over 3 years.

The parameter called World migration rate multiplier (wmigrm) was changed. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.75 over 10 years. Values remain constant at 0.75 over 77 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Protectionism in trade, multiplier on import prices (protecm) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 5 years. Values remain constant at 1.2 over 82 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Foreign direct investment (FDI) world growth multiplier (xfdiwgrm) was changed. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.6 over 5 years. Values remain constant at 0.6 over 82 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Economic freedom multiplier (econfreem) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.9 over 15 years. Values remain constant at 0.9 over 72 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for World, Military.. The initial condition was set at 1. Values remain constant at 1 over 4 years. Values increase to 1.2 over 10 years. Values remain constant at 1.2 over 76 years. Contrast this with the base case where the initial condition was set at 1. Values decrease to 0.9962366 over 11 years. Values remain constant at 0.9962366 over 79 years.

The parameter called Domestic Gini, ratio to initial condition (0 turns off, computes endogenously) (ginidomr) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.15 over 42 years. Values remain constant at 1.15 over 45 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Sanitation, improved, percent of population with access to, multiplier (sanitationm) was changed for WORLD, Improved.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.5 over 42 years. Values remain constant at 0.5 over 45 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Sanitation, improved, percent of population with access to, multiplier (sanitationm) was changed for WORLD, Shared.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.5 over 42 years. Values remain constant at 0.5 over 45 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Water source safe, percentage of people with access to, multiplier (watsafem) was changed for WORLD, Piped.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.5 over 42 years. Values remain constant at 0.5 over 45 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Water source safe, percentage of people with access to, multiplier (watsafem) was changed for World, OthImproved.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.5 over 42 years. Values remain constant at 0.5 over 45 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Sanitation, improved, percent of population with access to, multiplier (sanitationm) was changed for WORLD, OthUnImproved.. The initial condition was set at 1. Values remain constant at 1 over 6 years. Values increase to 1.5 over 42 years. Values remain constant at 1.5 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Water source safe, percentage of people with access to, multiplier (watsafem) was changed for WORLD, UnImproved.. The initial condition was set at 1. Values remain constant at 1 over 6 years. Values increase to 1.5 over 42 years. Values remain constant at 1.5 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Residential PM2.5 levels multiplier (envpm2pt5m) was changed for WORLD. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 42 years. Values remain constant at 1.5 over 45 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Solid Fuel use multiplier (ensolfuelm) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 42 years. Values remain constant at 1.5 over 45 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called AIDS death rate as percent of HIV infection rate, multiplier (aidsdratem) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 4 years. Values increase to 1.2 over 20 years. Values remain constant at 1.2 over 66 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called HIV, year of epidemic peak (hivpeakyr) was changed for Afr-SubSahar. The initial condition was set at 2010. Values remain constant at 2010 over 90 years. Contrast this with the base case where the initial condition was set at 2002.303. Values decrease to 2002.111 over 35 years. Values remain constant at 2002.111 over 1 years. Values decrease to 2002.11 over 1 years. Values remain constant at 2002.11 over 3 years. Values increase to 2002.234 over 50 years.

The parameter called HIV infection rate at year of epidemic peak (hivpeakr) was changed for Afr-SubSahar. The initial condition was set at 12. Values remain constant at 12 over 90 years. Contrast this with the base case where the initial condition was set at 7.744877. Values decrease to 6.965565 over 90 years.

The parameter called State failure/internal war, addition (sfintlwaradd) was changed for WORLD. The initial condition was set at 0. Values remain constant at 0 over 3 years. Values decrease to -1 over 20 years. Values remain constant at -1 over 67 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Government revenues multiplier (govrevm) was changed for non-OECD. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.1 over 20 years. Values remain constant at 1.1 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Number of Standard Errors to Target for Polity Democracy Index (democpolitysetar) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Number of Standard Errors to Target for Gender Empowerment Measure (gemsetar) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Number of Standard Errors to Target for Government Corruption (govcorruptsetar) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Number of Standard Errors to Target for Government Effectiveness (goveffectsetar) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Number of Standard Errors to Target for Gov. regulatory quality (govregqualsetar) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

11. Challenges Plus Strengthened Governance and Policies SE1 Scenario:

The parameter called Multifactor productivity growth rate of system leader (mfpleadr) was changed for Agriculture. The initial condition was set at .01. Values remain constant at 0.01 over 3 years. Values decrease to 0.005 over 10 years. Values remain constant at 0.005 over 77 years. Contrast this with the base case where the initial condition was set at .01. Values remain constant at 0.01 over 90 years.

The parameter called Multifactor productivity growth rate of system leader (mfpleadr) was changed for Energy. The initial condition was set at .008. Values remain constant at 0.008 over 3 years. Values decrease to 0.004 over 10 years. Values remain constant at 0.004 over 77 years. Contrast this with the base case where the initial condition was set at .008. Values remain constant at 0.008 over 90 years.

The parameter called Multifactor productivity growth rate of system leader (mfpleadr) was changed for Materials. The initial condition was set at .008. Values remain constant at 0.008 over 3 years. Values decrease to 0.004 over 10 years. Values

remain constant at 0.004 over 77 years. Contrast this with the base case where the initial condition was set at .008. Values remain constant at 0.008 over 90 years.

The parameter called Multifactor productivity growth rate of system leader (mfpleadr) was changed for Manufactures. The initial condition was set at .012. Values remain constant at 0.012 over 3 years. Values decrease to 0.006 over 10 years. Values remain constant at 0.006 over 77 years. Contrast this with the base case where the initial condition was set at .012. Values remain constant at 0.012 over 90 years.

The parameter called Multifactor productivity growth rate of system leader (mfpleadr) was changed for Services. The initial condition was set at .008. Values remain constant at 0.008 over 4 years. Values decrease to 0.004 over 10 years. Values remain constant at 0.004 over 76 years. Contrast this with the base case where the initial condition was set at .008. Values remain constant at 0.008 over 90 years.

The parameter called Multifactor productivity growth rate of system leader (mfpleadr) was changed for ICTech. The initial condition was set at .04. Values remain constant at 0.04 over 3 years. Values decrease to 0.02 over 10 years. Values remain constant at 0.02 over 77 years. Contrast this with the base case where the initial condition was set at .04. Values remain constant at 0.04 over 90 years.

The parameter called Multifactor productivity growth additive factor (mfpadd) was changed for World. The initial condition was set at 0. Values remain constant at 0 over 6 years. Values decrease to -0.005 over 5 years. Values remain constant at -0.005 over 79 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Multifactor productivity growth additive factor (mfpadd) was changed for USA. The initial condition was set at 0. Values remain constant at 0 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Multifactor productivity growth additive factor (mfpadd) was changed for Asia-SoCent. The initial condition was set at 0. Values remain constant at 0 over 6 years. Values decrease to -0.01 over 5 years. Values remain constant at -0.01 over 79 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Multifactor productivity growth additive factor (mfpadd) was changed for China. The initial condition was set at 0. Values remain constant at 0 over 6 years. Values decrease to -0.02 over 5 years. Values remain constant at -0.02 over 79 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Multifactor productivity growth additive factor (mfpadd) was changed for Africa. The initial condition was set at 0. Values remain constant at 0 over 6 years. Values decrease to -0.01 over 5 years. Values remain constant at -0.01 over 79 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Multifactor productivity growth additive factor (mfpadd) was changed for India. The initial condition was set at 0. Values remain constant at 0 over 6 years. Values decrease to -0.02 over 5 years. Values remain constant at -0.02 over 79 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Resources of energy (fossil fuels), multiplier (resorm) was changed for World, Oil.. The initial condition was set at .5. Values remain constant at 0.5 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Resources of energy (fossil fuels), multiplier (resorm) was changed for World, Gas.. The initial condition was set at .5. Values remain constant at 0.5 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Energy demand to GDP ratio, annual technology-based change (enrgdpgr) was changed. The initial condition was set at -.5. Values remain constant at -0.5 over 3 years. Values increase to -0.25 over 10 years. Values remain

constant at -0.25 over 77 years. Contrast this with the base case where the initial condition was set at -.5. Values remain constant at -0.5 over 90 years.

The parameter called Energy production technology, annual decrease in cost (etechadv) was changed for Oil. The initial condition was set at .005. Values remain constant at 0.005 over 3 years. Values decrease to 0.0025 over 10 years. Values remain constant at 0.0025 over 77 years. Contrast this with the base case where the initial condition was set at .005. Values remain constant at 0.005 over 90 years.

The parameter called Energy production technology, annual decrease in cost (etechadv) was changed for Gas. The initial condition was set at .008. Values remain constant at 0.008 over 3 years. Values decrease to 0.004 over 10 years. Values remain constant at 0.004 over 77 years. Contrast this with the base case where the initial condition was set at .008. Values remain constant at 0.008 over 90 years.

The parameter called Energy production technology, annual decrease in cost (etechadv) was changed for Coal. The initial condition was set at .004. Values remain constant at 0.004 over 3 years. Values decrease to 0.002 over 10 years. Values remain constant at 0.002 over 77 years. Contrast this with the base case where the initial condition was set at .004. Values remain constant at 0.004 over 90 years.

The parameter called Energy production technology, annual decrease in cost (etechadv) was changed for Hydro. The initial condition was set at .001. Values remain constant at 0.001 over 4 years. Values decrease to 0.0008 over 2 years. Values remain constant at 0.0008 over 2 years. Values decrease to 0.0006 over 2 years. Values remain constant at 0.0006 over 2 years. Values decrease to 0.0005 over 1 years. Values remain constant at 0.0005 over 77 years. Contrast this with the base case where the initial condition was set at .001. Values remain constant at 0.001 over 90 years.

The parameter called Energy production technology, annual decrease in cost (etechadv) was changed for Nuclear. The initial condition was set at .0035. Values remain constant at 0.0035 over 3 years. Values decrease to 0.0018 over 10 years. Values remain constant at 0.0018 over 77 years. Contrast this with the base case where the initial condition was set at .0035. Values remain constant at 0.0035 over 90 years.

The parameter called Energy production technology, annual decrease in cost (etechadv) was changed for OthRenew. The initial condition was set at .005. Values remain constant at 0.005 over 3 years. Values decrease to 0.0025 over 10 years. Values remain constant at 0.0025 over 77 years. Contrast this with the base case where the initial condition was set at .015. Values remain constant at 0.015 over 90 years.

The parameter called Yields (agricultural), multiplier (ylm) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.75 over 60 years. Values remain constant at 0.75 over 27 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Malnutrition, multiplier (malnm) was changed for WORLD. The initial condition was set at 1. Values decrease to 0.5 over 26 years. Values remain constant at 0.5 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Water resources, renewable (watres) was changed for WORLD. The initial condition was set at 53903.42. Values remain constant at 53903.42 over 5 years. Values decrease to 40000 over 42 years. Values remain constant at 40000 over 43 years. Contrast this with the base case where the initial condition was set at 42993.25. Values remain constant at 42993.25 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for OECD, Health.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 60 years. Values remain constant at 1.5 over 27 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called TFR (total fertility rate) multiplier (tfm) was changed for non-OECD. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.1 over 60 years. Values remain constant at 1.1 over 27 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called TFR (total fertility rate) stabilization level with high income (tfrmin) was changed for World. The initial condition was set at 2.1. Values remain constant at 2.1 over 90 years. Contrast this with the base case where the initial condition was set at 1.9. Values decrease to 1.899999 over 2 years. Values increase to 1.9 over 1 years. Values remain constant at 1.9 over 1 years. Values decrease to 1.899999 over 1 years. Values increase to 1.900001 over 2 years. Values decrease to 1.899998 over 2 years. Values increase to 1.9 over 1 years. Values remain constant at 1.9 over 1 years. Values decrease to 1.899999 over 1 years. Values increase to 1.900001 over 1 years. Values decrease to 1.9 over 1 years. Values remain constant at 1.9 over 2 years. Values decrease to 1.899999 over 1 years. Values increase to 1.9 over 1 years. Values decrease to 1.899999 over 1 years. Values remain constant at 1.899999 over 2 years. Values increase to 1.9 over 1 years. Values remain constant at 1.9 over 1 years. Values increase to 1.900001 over 1 years. Values decrease to 1.899999 over 1 years. Values remain constant at 1.899999 over 1 years. Values increase to 1.900001 over 1 years. Values decrease to 1.899999 over 1 years. Values increase to 1.9 over 1 years. Values remain constant at 1.9 over 5 years. Values decrease to 1.899999 over 1 years. Values increase to 1.900001 over 1 years. Values decrease to 1.9 over 1 years. Values remain constant at 1.9 over 1 years. Values decrease to 1.899999 over 1 years. Values increase to 1.900001 over 2 years. Values decrease to 1.9 over 1 years. Values remain constant at 1.9 over 2 years. Values decrease to 1.899999 over 1 years. Values increase to 1.9 over 1 years. Values remain constant at 1.9 over 14 years. Values increase to 1.900001 over 1 years. Values decrease to 1.9 over 1 years. Values remain constant at 1.9 over 4 years. Values increase to 1.900001 over 1 years. Values remain constant at 1.900001 over 2 years. Values decrease to 1.9 over 1 years. Values increase to 1.900002 over 1 years. Values decrease to 1.899999 over 1 years. Values increase to 1.9 over 1 years. Values remain constant at 1.9 over 3 years. Values decrease to 1.899999 over 1 years. Values increase to 1.900001 over 1 years. Values decrease to 1.9 over 1 years. Values increase to 1.900001 over 1 years. Values decrease to 1.9 over 1 years. Values remain constant at 1.9 over 1 years. Values increase to 1.900001 over 1 years. Values decrease to 1.9 over 1 years. Values remain constant at 1.9 over 1 years. Values decrease to 1.899999 over 1 years. Values increase to 1.9 over 1 years. Values remain constant at 1.9 over 3 years.

The parameter called World migration rate multiplier (wmigrm) was changed. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 15 years. Values remain constant at 1.5 over 72 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Protectionism in trade, multiplier on import prices (protecm) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.75 over 15 years. Values remain constant at 0.75 over 72 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Foreign direct investment (FDI) world growth multiplier (xfdiwgrm) was changed. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 30 years. Values remain constant at 1.3 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Economic freedom multiplier (econfreem) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.9 over 15 years. Values remain constant at 0.9 over 72 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for World, Military.. The initial condition was set at 1. Values remain constant at 1 over 4 years. Values increase to 1.2 over 10 years. Values remain constant at 1.2 over 76 years. Contrast this with the base case where the initial condition was set at 1. Values decrease to 0.9962366 over 11 years. Values remain constant at 0.9962366 over 79 years.

The parameter called Domestic Gini, ratio to initial condition (0 turns off, computes endogenously) (ginidomr) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.15 over 42 years. Values remain constant at 1.15 over 45 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Sanitation, improved, percent of population with access to, multiplier (sanitationm) was changed for WORLD, Improved.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.5 over 42 years. Values remain constant at 0.5 over 45 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Sanitation, improved, percent of population with access to, multiplier (sanitationm) was changed for WORLD, Shared.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.5 over 42 years. Values remain constant at 0.5 over 45 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Water source safe, percentage of people with access to, multiplier (watsafem) was changed for WORLD, Piped.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.5 over 42 years. Values remain constant at 0.5 over 45 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Water source safe, percentage of people with access to, multiplier (watsafem) was changed for World, OthImproved.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.5 over 42 years. Values remain constant at 0.5 over 45 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Sanitation, improved, percent of population with access to, multiplier (sanitationm) was changed for WORLD, OthUnImproved.. The initial condition was set at 1. Values remain constant at 1 over 6 years. Values increase to 1.5 over 42 years. Values remain constant at 1.5 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Water source safe, percentage of people with access to, multiplier (watsafem) was changed for WORLD, UnImproved.. The initial condition was set at 1. Values remain constant at 1 over 6 years. Values increase to 1.5 over 42 years. Values remain constant at 1.5 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Residential PM2.5 levels multiplier (envpm2pt5m) was changed for WORLD. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 42 years. Values remain constant at 1.5 over 45 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Solid Fuel use multiplier (ensolfuelm) was changed for World. The initial condition was set at 1. Values decrease to 0.5 over 26 years. Values remain constant at 0.5 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called AIDS death rate as percent of HIV infection rate, multiplier (aidsdratem) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 4 years. Values increase to 1.2 over 20 years. Values remain constant at 1.2 over 66 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called HIV, year of epidemic peak (hivepeakyr) was changed for Afr-SubSahar. The initial condition was set at 2010. Values remain constant at 2010 over 90 years. Contrast this with the base case where the initial condition was set at 2002.303. Values decrease to 2002.111 over 35 years. Values remain constant at 2002.111 over 1 years. Values decrease to 2002.11 over 1 years. Values remain constant at 2002.11 over 3 years. Values increase to 2002.234 over 50 years.

The parameter called HIV infection rate at year of epidemic peak (hivepeakr) was changed for Afr-SubSahar. The initial condition was set at 12. Values remain constant at 12 over 90 years. Contrast this with the base case where the initial condition was set at 7.744877. Values decrease to 6.965565 over 90 years.

The parameter called State failure/internal war, addition (sfintlwaradd) was changed for WORLD. The initial condition was set at 0. Values remain constant at 0 over 3 years. Values decrease to -1 over 20 years. Values remain constant at -1 over 67 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Government revenues multiplier (govrevm) was changed for non-OECD. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.1 over 20 years. Values remain constant at 1.1 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Number of Standard Errors to Target for Polity Democracy Index (democpolitysetar) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Number of Standard Errors to Target for Gender Empowerment Measure (gemsetar) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Number of Standard Errors to Target for Government Corruption (govcorruptsetar) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Number of Standard Errors to Target for Government Effectiveness (goveffectsetar) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Number of Standard Errors to Target for Gov. regulatory quality (govregqualsetar) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called TFR (total fertility rate) multiplier (tfrm) was changed for Afr-Middle. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.8 over 45 years. Values remain constant at 0.8 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called TFR (total fertility rate) multiplier (tfrm) was changed for Afr-Western. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.9 over 30 years. Values remain constant at 0.9 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called TFR (total fertility rate) multiplier (tfrm) was changed for Afr-Eastern. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.9 over 30 years. Values remain constant at 0.9 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called TFR (total fertility rate) multiplier (tfrm) was changed for Oceania Rich. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.8 over 30 years. Values remain constant at 0.8 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Labor force, multiplier on female share (labfemshrm) was changed for Asia-West. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 45 years. Values remain constant at 1.5 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Labor force, multiplier on female share (labfemshrm) was changed for Afr-Northern. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 45 years. Values remain constant at 1.5 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Labor force, multiplier on female share (labfemshrm) was changed for Asia-SoCent. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 45 years. Values remain constant at 1.5 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Labor force, multiplier on female share (labfemshrm) was changed for Amer-Central. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 45 years. Values remain constant at 1.5 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invm) was changed for Afr-Eastern. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 25 years. Values remain constant at 2 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invm) was changed for Oceania Poor. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 25 years. Values remain constant at 2 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invm) was changed for Amer-Central. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 25 years. Values remain constant at 2 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invm) was changed for Afr-Southern. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 25 years. Values remain constant at 1.5 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invm) was changed for Amer-Carib. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 25 years. Values remain constant at 1.5 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invm) was changed for Afr-Middle. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 25 years. Values remain constant at 1.3 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invm) was changed for Asia-West. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 15 years. Values remain constant at 1.3 over 72 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invm) was changed for Afr-Western. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 25 years. Values remain constant at 1.3 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invm) was changed for Amer-South. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 25 years. Values remain constant at 1.3 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invm) was changed for Asia-SoCent. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 25 years. Values remain constant at 1.3 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invm) was changed for Eur-East. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 25 years. Values remain constant at 1.3 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for WB Developing Economies, Health.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 10 years. Values remain constant at 1.2 over 77 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Economic freedom multiplier (econfreem) was changed for WB Developing Economies. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 15 years. Values remain constant at 1.2 over 72 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Energy production multiplier (enpm) was changed for WB Developing Economies, OthRenew.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 45 years. Values remain

constant at 1.5 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for WB Developing Economies, R&D.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 15 years. Values remain constant at 1.2 over 72 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Protectionism in trade, multiplier on import prices (protecm) was changed for Asia-SoCent. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.8 over 20 years. Values remain constant at 0.8 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Protectionism in trade, multiplier on import prices (protecm) was changed for Amer-South. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.8 over 20 years. Values remain constant at 0.8 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Afr-Southern, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 20 years. Values remain constant at 2 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Oceania Poor, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 20 years. Values remain constant at 2 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Amer-South, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 20 years. Values remain constant at 2 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Amer-Central, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 20 years. Values remain constant at 2 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Amer-Carib, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 20 years. Values remain constant at 2 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Afr-Middle, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 20 years. Values remain constant at 2 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Asia-East Poor, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 20 years. Values remain constant at 2 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Afr-Eastern, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5

over 20 years. Values remain constant at 1.5 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Afr-Western, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 20 years. Values remain constant at 1.5 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Asia-West, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 20 years. Values remain constant at 1.5 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called eXport shift as result of promotion of exports (xshift) was changed for Afr-SubSahar. The initial condition was set at 0. Values remain constant at 0 over 6 years. Values increase to 0.04 over 1 years. Values remain constant at 0.04 over 83 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called eXport shift as result of promotion of exports (xshift) was changed for Asia-SoCent. The initial condition was set at 0. Values remain constant at 0 over 6 years. Values increase to 0.04 over 1 years. Values remain constant at 0.04 over 83 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Foreign direct investment (FDI), stocks of investment from abroad, multiplier (xfdistockm) was changed for WB Developing Economies. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 30 years. Values remain constant at 2 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Foreign direct investment (FDI), stocks of investment from abroad, multiplier (xfdistockm) was changed for China. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Foreign direct investment (FDI), stocks of investment from abroad, multiplier (xfdistockm) was changed for Afr-Middle. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Portfolio investment (FDI), stocks of investment from abroad, multiplier (xportfoliom) was changed for WB Developing Economies. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 25 years. Values remain constant at 1.5 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Portfolio investment world growth multiplier (xportwgrm) was changed. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 25 years. Values remain constant at 1.3 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for OECD. The initial condition was set at .2153. Values increase to 0.3 over 56 years. Values remain constant at 0.3 over 34 years. Contrast this with the base case where the initial condition was set at .2428282. Values decrease to 0.2157023 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Australia. The initial condition was set at .2513. Values remain constant at 0.2513 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .2592132. Values remain constant at 0.2592132 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Austria. The initial condition was set at .26. Values remain constant at 0.26 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75

years. Contrast this with the base case where the initial condition was set at .2592132. Values remain constant at 0.2592132 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Belgium. The initial condition was set at .4766. Values remain constant at 0.4766 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .5184265. Values remain constant at 0.5184265 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Canada. The initial condition was set at .26. Values remain constant at 0.26 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .2754141. Values remain constant at 0.2754141 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Finland. The initial condition was set at 0. Values remain constant at 0 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .4455228. Values remain constant at 0.4455228 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for France. The initial condition was set at .3986. Values remain constant at 0.3986 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .4050207. Values remain constant at 0.4050207 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Germany. The initial condition was set at .3033. Values remain constant at 0.3033 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .3159162. Values remain constant at 0.3159162 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Greece. The initial condition was set at .1643. Values remain constant at 0.1643 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .137707. Values remain constant at 0.137707 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Ireland. The initial condition was set at 0. Values remain constant at 0 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .4212215. Values remain constant at 0.4212215 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Italy. The initial condition was set at .1387. Values remain constant at 0.1387 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .1215062. Values remain constant at 0.1215062 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Japan. The initial condition was set at .156. Values remain constant at 0.156 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .1620083. Values remain constant at 0.1620083 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Korea South. The initial condition was set at .156. Values remain constant at 0.156 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .09720497. Values remain constant at 0.09720497 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for New Zealand. The initial condition was set at .2513. Values remain constant at 0.2513 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at

0.5 over 75 years. Contrast this with the base case where the initial condition was set at .2106108. Values remain constant at 0.2106108 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Portugal. The initial condition was set at .1993. Values remain constant at 0.1993 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .234912. Values remain constant at 0.234912 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Spain. The initial condition was set at .3986. Values remain constant at 0.3986 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .3483178. Values remain constant at 0.3483178 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Switzerland. The initial condition was set at .4073. Values remain constant at 0.4073 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .3159162. Values remain constant at 0.3159162 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for United Kingdom. The initial condition was set at .4506. Values remain constant at 0.4506 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .4617236. Values remain constant at 0.4617236 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for USA. The initial condition was set at .1733. Values remain constant at 0.1733 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .1701087. Values remain constant at 0.1701087 over 90 years.

The parameter called Education, primary, net intake rate, annual growth rate (edpriintngr) was changed for WORLD, Total.. The initial condition was set at 2.2. Values remain constant at 2.2 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education, primary, survival rate, annual growth rate (edprisurgr) was changed for WORLD, Total.. The initial condition was set at 1.2. Values remain constant at 1.2 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education, lower secondary, general, transition rate, annual growth parameter (edseclowrtrngr) was changed for WORLD, Total.. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education, lower secondary, general, survival rate, annual growth parameter (edseclowrsvrgr) was changed for WORLD, Total.. The initial condition was set at .8. Values remain constant at 0.8 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education, upper secondary, general, transition rate, annual growth (edsecupprtrngr) was changed for WORLD, Total.. The initial condition was set at .5. Values remain constant at 0.5 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education, upper secondary, general, survival rate, annual growth (edsecupprsvrgr) was changed for WORLD, Total.. The initial condition was set at .3. Values remain constant at 0.3 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education, tertiary, intake rate, annual growth (edterintgr) was changed for WORLD, Total.. The initial condition was set at 0. Values remain constant at 0 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education, tertiary, graduation rate, annual growth (edtergradgr) was changed for WORLD, Total.. The initial condition was set at 0. Values remain constant at 0 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education pri expenditure per student as % of gdppc convergence time to function (edexppconv) was changed. The initial condition was set at 20. Values remain constant at 20 over 90 years. Contrast this with the base case where the initial condition was set at 50. Values remain constant at 50 over 90 years.

The parameter called Education Secondary Lower expenditure per student as % of gdppc convergence time to function (edexpslconv) was changed. The initial condition was set at 20. Values remain constant at 20 over 90 years. Contrast this with the base case where the initial condition was set at 50. Values remain constant at 50 over 90 years.

The parameter called Education Secondary Upper expenditure per student as % of gdppc convergence time to function (edexpsuconv) was changed. The initial condition was set at 20. Values remain constant at 20 over 90 years. Contrast this with the base case where the initial condition was set at 50. Values remain constant at 50 over 90 years.

The parameter called Education ter expenditure per student as % of gdppc convergence time to function (edexptconv) was changed. The initial condition was set at 20. Values remain constant at 20 over 90 years. Contrast this with the base case where the initial condition was set at 50. Values remain constant at 50 over 90 years.

The parameter called Education primary, gender equity time for intake (edprigndreqintn) was changed for WORLD. The initial condition was set at 10. Values remain constant at 10 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education primary, gender equity time for survival (edprigndreqsur) was changed for WORLD. The initial condition was set at 10. Values remain constant at 10 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education lower sec, gender parity time for transition (edseclowrgndreqtran) was changed for WORLD. The initial condition was set at 13. Values remain constant at 13 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education lower sec, gender parity time goal for survival (edseclowrgndreqsurv) was changed for WORLD. The initial condition was set at 13. Values remain constant at 13 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education upper sec, gender parity time for transition (edsecupprgndreqtran) was changed for WORLD. The initial condition was set at 20. Values remain constant at 20 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education upper sec, gender parity, time goal for survival (edsecupprgndreqsurv) was changed for WORLD. The initial condition was set at 20. Values remain constant at 20 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education tertiary, gender parity time for intake (edtergndreqint) was changed for WORLD. The initial condition was set at 300. Values remain constant at 300 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education tertiary, gender parity time goal for graduation (edtergndreqgrad) was changed for WORLD. The initial condition was set at 300. Values remain constant at 300 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education, budget constraint switch (1=Budget Constrained, 0=No Constraint) (edbudgon) was changed. The initial condition was set at 0. Values remain constant at 0 over 90 years. Contrast this with the base case where the initial condition was set at .6. Values remain constant at 0.6 over 90 years.

The parameter called Health-population linkage parameter (1=On, 0=Off) (hlmodelsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Relationship between Water and Sanitation and Diarrheal disease (1=On, 0=Off) (hlwatsansw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Relationship between Malnutrition and Communicable Diseases (1=On, 0=Off) (hlmlnsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Relationship between Obesity and Cardiovascular Diseases (1=On, 0=Off) (hlobsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Smoking Impact Switch (1=On, 0=Off), when off SI stays constant after 2030 (hlsmimpsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Traffic Accident Deaths Modification Switch (1=On, 0=Off), when on uses Smeed's Law (hlvehsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Relationship between Solid Fuel Use and Respiratory Diseases (1=On, 0=Off) (hlsolfuelsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Mortality Modification Switch (2=2002 WHO version, 1=2004 WHO version-default, 0=Ifs version) (hlmortmodsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Body Mass Index Multiplier (hlbmim) was changed for WORLD, Total.. The initial condition was set at 1. Values decrease to 0.9 over 26 years. Values remain constant at 0.9 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Smoking Rate Multiplier (hlsmokingm) was changed for WORLD, Male.. The initial condition was set at 1. Values decrease to 0.5 over 26 years. Values remain constant at 0.5 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Smoking Rate Multiplier (hlsmokingm) was changed for WORLD, Female.. The initial condition was set at 1. Values decrease to 0.25 over 26 years. Values remain constant at 0.25 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Vehicle fleet per capita, multiplier (vehicflpcm) was changed for WORLD. The initial condition was set at 1. Values decrease to 0.5 over 26 years. Values remain constant at 0.5 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Deaths from traffic per vehicle multiplier (deathtrpvm) was changed for WORLD. The initial condition was set at 1. Values decrease to 0.5 over 26 years. Values remain constant at 0.5 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Sanitation, improved, percent of population with access to, multiplier (sanitationm) was changed for World, OthUnImproved.. The initial condition was set at 1. Values decrease to 0.35 over 26 years. Values remain constant at 0.35 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Water source safe, percentage of people with access to, multiplier (watsafem) was changed for World, UnImproved.. The initial condition was set at 1. Values decrease to 0.25 over 26 years. Values remain constant at 0.25 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Relationship between Residential PM2.5 levels and Respiratory Diseases (1=On, 0=Off) (hlpm2pt5sw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Residential PM2.5 levels multiplier (envpm2pt5m) was changed for World. The initial condition was set at 1. Values decrease to 0.3 over 26 years. Values remain constant at 0.3 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Agricultural Annual Yield Change multiplier (envylchgm) was changed for World. The initial condition was set at 0. Values remain constant at 0 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

12. Base Plus Strengthened Governance and Policies SE1 Scenario:

The parameter called State failure/internal war, addition (sfintlwaradd) was changed for WORLD. The initial condition was set at 0. Values remain constant at 0 over 3 years. Values decrease to -1 over 20 years. Values remain constant at -1 over 67 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Government revenues multiplier (govrevm) was changed for non-OECD. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.1 over 20 years. Values remain constant at 1.1 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Number of Standard Errors to Target for Polity Democracy Index (demopolitysetar) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Number of Standard Errors to Target for Gender Empowerment Measure (gemsetar) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Number of Standard Errors to Target for Government Corruption (govcorruptsetar) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Number of Standard Errors to Target for Government Effectiveness (goveffectsetar) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Number of Standard Errors to Target for Gov. regulatory quality (govregqualsetar) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called TFR (total fertility rate) multiplier (tfrm) was changed for Afr-Middle. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.8 over 45 years. Values remain constant at 0.8 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called TFR (total fertility rate) multiplier (tfrm) was changed for Afr-Western. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.9 over 30 years. Values remain constant at 0.9 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called TFR (total fertility rate) multiplier (tfrm) was changed for Afr-Eastern. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.9 over 30 years. Values remain constant at 0.9 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called TFR (total fertility rate) multiplier (tfrm) was changed for Oceania Rich. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.8 over 30 years. Values remain constant at 0.8 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Labor force, multiplier on female share (labfemshrm) was changed for Asia-West. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 45 years. Values remain constant at 1.5 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Labor force, multiplier on female share (labfemshrm) was changed for Afr-Northern. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 45 years. Values remain constant at 1.5 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Labor force, multiplier on female share (labfemshrm) was changed for Asia-SoCent. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 45 years. Values remain constant at 1.5 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Labor force, multiplier on female share (labfemshrm) was changed for Amer-Central. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 45 years. Values remain constant at 1.5 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invn) was changed for Afr-Eastern. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 25 years. Values remain constant at 2 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invn) was changed for Oceania Poor. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 25 years. Values remain constant at 2 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invn) was changed for Amer-Central. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 25 years. Values remain constant at 2 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invn) was changed for Afr-Southern. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 25 years. Values remain constant at 1.5 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invn) was changed for Amer-Carib. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 25 years. Values remain constant at 1.5 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invn) was changed for Afr-Middle. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 25 years. Values remain constant at 1.3 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (invn) was changed for Asia-West. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 15 years. Values remain constant at 1.3 over 72 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (inv_m) was changed for Afr-Western. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 25 years. Values remain constant at 1.3 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (inv_m) was changed for Amer-South. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 25 years. Values remain constant at 1.3 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (inv_m) was changed for Asia-SoCent. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 25 years. Values remain constant at 1.3 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Investment in the economy, multiplier (inv_m) was changed for Eur-East. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 25 years. Values remain constant at 1.3 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for WB Developing Economies, Health.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 10 years. Values remain constant at 1.2 over 77 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Economic freedom multiplier (econfreem) was changed for WB Developing Economies. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 15 years. Values remain constant at 1.2 over 72 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Energy production multiplier (enpm) was changed for WB Developing Economies, OthRenew.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 45 years. Values remain constant at 1.5 over 42 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government expenditures by destination multiplier (gdsm) was changed for WB Developing Economies, R&D.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.2 over 15 years. Values remain constant at 1.2 over 72 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Protectionism in trade, multiplier on import prices (protec_m) was changed for Asia-SoCent. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.8 over 20 years. Values remain constant at 0.8 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Protectionism in trade, multiplier on import prices (protec_m) was changed for Amer-South. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.8 over 20 years. Values remain constant at 0.8 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtrnwelm) was changed for Afr-Southern, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 20 years. Values remain constant at 2 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtrnwelm) was changed for Oceania Poor, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 20 years. Values remain constant at 2 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Amer-South, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 20 years. Values remain constant at 2 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Amer-Central, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 20 years. Values remain constant at 2 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Amer-Carib, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 20 years. Values remain constant at 2 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Afr-Middle, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 20 years. Values remain constant at 2 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Asia-East Poor, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 20 years. Values remain constant at 2 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Afr-Eastern, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 20 years. Values remain constant at 1.5 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Afr-Western, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 20 years. Values remain constant at 1.5 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Government to household welfare (all non-pension) transfers, multiplier (govhhtnrwelm) was changed for Asia-West, Unskilled.. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 20 years. Values remain constant at 1.5 over 67 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Protectionism in trade, multiplier on import prices (protecm) was changed for World. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values decrease to 0.75 over 15 years. Values remain constant at 0.75 over 72 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called eXport shift as result of promotion of exports (xshift) was changed for Afr-SubSahar. The initial condition was set at 0. Values remain constant at 0 over 6 years. Values increase to 0.04 over 1 years. Values remain constant at 0.04 over 83 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called eXport shift as result of promotion of exports (xshift) was changed for Asia-SoCent. The initial condition was set at 0. Values remain constant at 0 over 6 years. Values increase to 0.04 over 1 years. Values remain constant at 0.04 over 83 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Foreign direct investment (FDI), stocks of investment from abroad, multiplier (xfdistockm) was changed for WB Developing Economies. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 2 over 30 years. Values remain constant at 2 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Foreign direct investment (FDI), stocks of investment from abroad, multiplier (xfdistockm) was changed for China. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Foreign direct investment (FDI), stocks of investment from abroad, multiplier (xfdistockm) was changed for Afr-Middle. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Foreign direct investment (FDI) world growth multiplier (xfdiwgrm) was changed. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 30 years. Values remain constant at 1.3 over 57 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Portfolio investment (FDI), stocks of investment from abroad, multiplier (xportfoliom) was changed for WB Developing Economies. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 25 years. Values remain constant at 1.5 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Portfolio investment world growth multiplier (xportwgrm) was changed. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.3 over 25 years. Values remain constant at 1.3 over 62 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called World migration rate multiplier (wmigrm) was changed. The initial condition was set at 1. Values remain constant at 1 over 3 years. Values increase to 1.5 over 15 years. Values remain constant at 1.5 over 72 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for OECD. The initial condition was set at .2153. Values increase to 0.3 over 56 years. Values remain constant at 0.3 over 34 years. Contrast this with the base case where the initial condition was set at .2428282. Values decrease to 0.2157023 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Australia. The initial condition was set at .2513. Values remain constant at 0.2513 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .2592132. Values remain constant at 0.2592132 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Austria. The initial condition was set at .26. Values remain constant at 0.26 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .2592132. Values remain constant at 0.2592132 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Belgium. The initial condition was set at .4766. Values remain constant at 0.4766 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .5184265. Values remain constant at 0.5184265 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Canada. The initial condition was set at .26. Values remain constant at 0.26 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .2754141. Values remain constant at 0.2754141 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Finland. The initial condition was set at 0. Values remain constant at 0 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .4455228. Values remain constant at 0.4455228 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for France. The initial condition was set at .3986. Values remain constant at 0.3986 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .4050207. Values remain constant at 0.4050207 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Germany. The initial condition was set at .3033. Values remain constant at 0.3033 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .3159162. Values remain constant at 0.3159162 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Greece. The initial condition was set at .1643. Values remain constant at 0.1643 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .137707. Values remain constant at 0.137707 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Ireland. The initial condition was set at 0. Values remain constant at 0 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .4212215. Values remain constant at 0.4212215 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Italy. The initial condition was set at .1387. Values remain constant at 0.1387 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .1215062. Values remain constant at 0.1215062 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Japan. The initial condition was set at .156. Values remain constant at 0.156 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .1620083. Values remain constant at 0.1620083 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Korea South. The initial condition was set at .156. Values remain constant at 0.156 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .09720497. Values remain constant at 0.09720497 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for New Zealand. The initial condition was set at .2513. Values remain constant at 0.2513 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .2106108. Values remain constant at 0.2106108 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Portugal. The initial condition was set at .1993. Values remain constant at 0.1993 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .234912. Values remain constant at 0.234912 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Spain. The initial condition was set at .3986. Values remain constant at 0.3986 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .3483178. Values remain constant at 0.3483178 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for Switzerland. The initial condition was set at .4073. Values remain constant at 0.4073 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .3159162. Values remain constant at 0.3159162 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for United Kingdom. The initial condition was set at .4506. Values remain constant at 0.4506 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .4617236. Values remain constant at 0.4617236 over 90 years.

The parameter called Aid (foreign) donations as % of GDP (aiddon) was changed for USA. The initial condition was set at .1733. Values remain constant at 0.1733 over 5 years. Values increase to 0.5 over 10 years. Values remain constant at 0.5 over 75 years. Contrast this with the base case where the initial condition was set at .1701087. Values remain constant at 0.1701087 over 90 years.

The parameter called Education, primary, net intake rate, annual growth rate (edpriintngr) was changed for WORLD, Total.. The initial condition was set at 2.2. Values remain constant at 2.2 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education, primary, survival rate, annual growth rate (edprisurgr) was changed for WORLD, Total.. The initial condition was set at 1.2. Values remain constant at 1.2 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education, lower secondary, general, transition rate, annual growth parameter (edseclowrtrngr) was changed for WORLD, Total.. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education, lower secondary, general, survival rate, annual growth parameter (edseclowrsvrgr) was changed for WORLD, Total.. The initial condition was set at .8. Values remain constant at 0.8 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education, upper secondary, general, transition rate, annual growth (edsecupprtrngr) was changed for WORLD, Total.. The initial condition was set at .5. Values remain constant at 0.5 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education, upper secondary, general, survival rate, annual growth (edsecupprsvrgr) was changed for WORLD, Total.. The initial condition was set at .3. Values remain constant at 0.3 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education, tertiary, intake rate, annual growth (edterintgr) was changed for WORLD, Total.. The initial condition was set at 0. Values remain constant at 0 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education, tertiary, graduation rate, annual growth (edtergradgr) was changed for WORLD, Total.. The initial condition was set at 0. Values remain constant at 0 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education pri expenditure per student as % of gdp (edexppconv) was changed. The initial condition was set at 20. Values remain constant at 20 over 90 years. Contrast this with the base case where the initial condition was set at 50. Values remain constant at 50 over 90 years.

The parameter called Education Secondary Lower expenditure per student as % of gdp (edexpslconv) was changed. The initial condition was set at 20. Values remain constant at 20 over 90 years. Contrast this with the base case where the initial condition was set at 50. Values remain constant at 50 over 90 years.

The parameter called Education Secondary Upper expenditure per student as % of gdpcc convergence time to function (edexpsuconv) was changed. The initial condition was set at 20. Values remain constant at 20 over 90 years. Contrast this with the base case where the initial condition was set at 50. Values remain constant at 50 over 90 years.

The parameter called Education ter expenditure per student as % of gdpcc convergence time to function (edexptconv) was changed. The initial condition was set at 20. Values remain constant at 20 over 90 years. Contrast this with the base case where the initial condition was set at 50. Values remain constant at 50 over 90 years.

The parameter called Education primary, gender equity time for intake (edprigndreqintn) was changed for WORLD. The initial condition was set at 10. Values remain constant at 10 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education primary, gender equity time for survival (edprigndreqsur) was changed for WORLD. The initial condition was set at 10. Values remain constant at 10 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education lower sec, gender parity time for transition (edseclowrgndreqtran) was changed for WORLD. The initial condition was set at 13. Values remain constant at 13 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education lower sec, gender parity time goal for survival (edseclowrgndreqsurv) was changed for WORLD. The initial condition was set at 13. Values remain constant at 13 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education upper sec, gender parity time for transition (edsecuprgndreqtran) was changed for WORLD. The initial condition was set at 20. Values remain constant at 20 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education upper sec, gender parity, time goal for survival (edsecuprgndreqsurv) was changed for WORLD. The initial condition was set at 20. Values remain constant at 20 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education tertiary, gender parity time for intake (edtergndreqint) was changed for WORLD. The initial condition was set at 300. Values remain constant at 300 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education tertiary, gender parity time goal for graduation (edtergndreqgrad) was changed for WORLD. The initial condition was set at 300. Values remain constant at 300 over 90 years. Contrast this with the base case where the initial condition was set at 0. Values remain constant at 0 over 90 years.

The parameter called Education, budget constraint switch (1=Budget Constrained, 0=No Constraint) (edbudgon) was changed. The initial condition was set at 0. Values remain constant at 0 over 90 years. Contrast this with the base case where the initial condition was set at .6. Values remain constant at 0.6 over 90 years.

The parameter called Health-population linkage parameter (1=On, 0=Off) (hlmodelsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Relationship between Water and Sanitation and Diarrheal disease (1=On, 0=Off) (hlwatsansw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Relationship between Malnutrition and Communicable Diseases (1=On, 0=Off) (hlmlnsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Relationship between Obesity and Cardiovascular Diseases (1=On, 0=Off) (hlobsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Smoking Impact Switch (1=On, 0=Off), when off SI stays constant after 2030 (hlsmimpsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Traffic Accident Deaths Modification Switch (1=On, 0=Off), when on uses Smeed's Law (hlvehsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Relationship between Solid Fuel Use and Respiratory Diseases (1=On, 0=Off) (hlsolfuelsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Mortality Modification Switch (2=2002 WHO version, 1=2004 WHO version-default, 0=Ifs version) (hlmortmodsw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Malnutrition, multiplier (malnm) was changed for WORLD. The initial condition was set at 1. Values decrease to 0.5 over 26 years. Values remain constant at 0.5 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Body Mass Index Multiplier (hlbmim) was changed for WORLD, Total.. The initial condition was set at 1. Values decrease to 0.9 over 26 years. Values remain constant at 0.9 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Smoking Rate Multiplier (hlsmokingm) was changed for WORLD, Male.. The initial condition was set at 1. Values decrease to 0.5 over 26 years. Values remain constant at 0.5 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Smoking Rate Multiplier (hlsmokingm) was changed for WORLD, Female.. The initial condition was set at 1. Values decrease to 0.25 over 26 years. Values remain constant at 0.25 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Vehicle fleet per capita, multiplier (vehicflpcm) was changed for WORLD. The initial condition was set at 1. Values decrease to 0.5 over 26 years. Values remain constant at 0.5 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Deaths from traffic per vehicle multiplier (deathtrpvm) was changed for WORLD. The initial condition was set at 1. Values decrease to 0.5 over 26 years. Values remain constant at 0.5 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Sanitation, improved, percent of population with access to, multiplier (sanitationm) was changed for World, OthUnImproved.. The initial condition was set at 1. Values decrease to 0.35 over 26 years. Values remain constant at 0.35 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Water source safe, percentage of people with access to, multiplier (watsafem) was changed for World, UnImproved.. The initial condition was set at 1. Values decrease to 0.25 over 26 years. Values remain constant at 0.25 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Solid Fuel use multiplier (ensolfuelm) was changed for World. The initial condition was set at 1. Values decrease to 0.5 over 26 years. Values remain constant at 0.5 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Relationship between Residential PM2.5 levels and Respiratory Diseases (1=On, 0=Off) (hlpm2pt5sw) was changed. The initial condition was set at 1. Values remain constant at 1 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Residential PM2.5 levels multiplier (envpm2pt5m) was changed for World. The initial condition was set at 1. Values decrease to 0.3 over 26 years. Values remain constant at 0.3 over 64 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.

The parameter called Agricultural Annual Yield Change multiplier (envylchgm) was changed for World. The initial condition was set at 0. Values remain constant at 0 over 90 years. Contrast this with the base case where the initial condition was set at 1. Values remain constant at 1 over 90 years.