Fix $\psi_1 = 0.800$, compare ψ_0 R & D investment as percentage of GDP 0.4 0.3 % of GDP 0.2 $\psi_0 = 0.008, \psi_1 = 0.8$ 0.1 $\psi_0 = 0.010, \psi_1 = 0.8$ $\psi_0 = 0.012, \psi_1 = 0.8$ 0.0 Ó 10 20 50 60 30 40 Years Physical investment $\psi_0 = 0.008, \psi_1 = 0.8$ $\psi_0 = 0.010, \psi_1 = 0.8$ 200 $\psi_0 = 0.012, \psi_1 = 0.8$ 150 100 50 0 Ó 10 20 50 60 30 40 Years **Emission** $\psi_0 = 0.008, \psi_1 = 0.8$ $\psi_0 = 0.010, \psi_1 = 0.8$ 20 $\psi 0 = 0.012, \psi 1 = 0.8$ 15 10 5 0 10 20 30 40 50 60 0 Years Temperature anomaly 3.0 $\psi_0 = 0.008, \psi_1 = 0.8$ $\psi_0 = 0.010, \psi_1 = 0.8$ 2.5 $\psi_0 = 0.012, \psi_1 = 0.8$ 2.0 1.5 1.0 0.5 0.0 10 20 30 40 50 60 0 Years I_g, technology jump intensity 0.25 $\psi_0 = 0.008, \psi_1 = 0.8$ $\psi_0 = 0.010, \psi_1 = 0.8$ $\psi_0 = 0.012, \psi_1 = 0.8$ 0.20 0.15 0.10 0.05 0.00 10 20 30 40 50 60 Years first technology probability 1.0 $\psi_0 = 0.008, \psi_1 = 0.8$ $\psi_0 = 0.010, \psi_1 = 0.8$ $\psi_0 = 0.012, \psi_1 = 0.8$ 0.8 -0.6 0.4 0.2 0.0 10 0 20 50 60 30 40 Years Damage jump probability 1.0 $\psi_0 = 0.008, \psi_1 = 0.8$ $\psi_0 = 0.010, \psi_1 = 0.8$ $\psi_0 = 0.012, \psi_1 = 0.8$ 8.0 0.6 0.4 0.2 0.0 10 Ó 20 30 40 60 50 Years