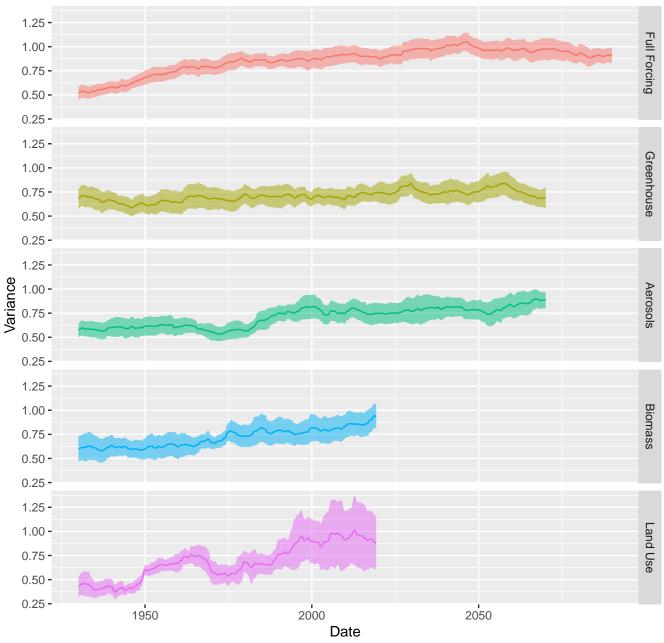
CESM1 20-Year Variance

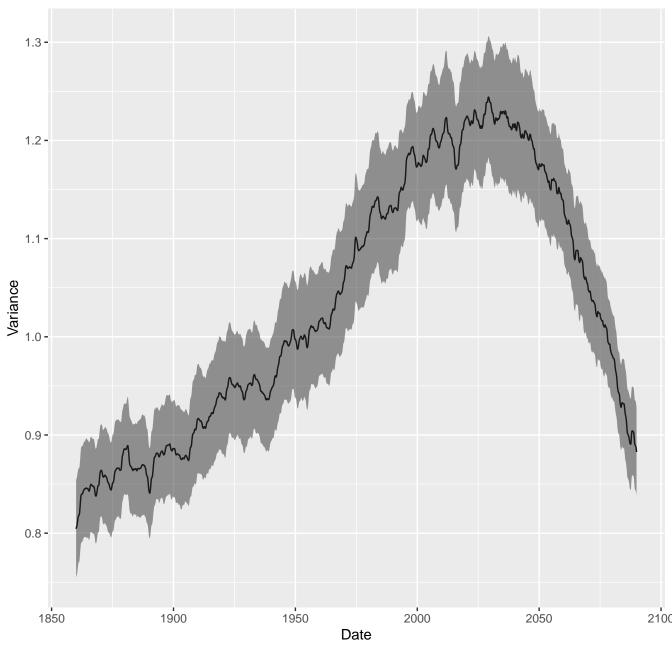


CESM1 20-Year Variance 1.25 -1.00 -Case Full Forcing Variance Greenhouse Aerosols **Biomass** 0.75 -Land Use 0.50 -0.25 -1950 2000 2050 Date

CESM1 LENS 20-Year Variance



CESM2 LENS 20-Year Variance



LENS 20-Year Variance 1.2 -1.0 -Case Variance CESM1 CESM2 0.8 -0.6 -0.4 **- .** 1850 1900 1950 2000 2050 2100 Date

CESM1 20-Year Variance Single Forcing Net Impact 0.6 -0.3 -0.0 -−0.3 **-**0.6 -0.3 -GHG 0.0 --0.3 **-**Case 0.6 -FF 0.3 -Variance GHG **AER** 0.0 -**AER** -0.3 **-**BMB LUC 0.6 -0.3 -0.0 --0.3 **-**0.6 -0.3 -LUC 0.0 --0.3 **-**1950 2050 2000 Date

CESM1 20-Year Variance Single Forcing Net Impact 0.6 -0.3 -Case FF Variance GHG 0.0 -AER BMB LUC -0.3 **-**2000 2050 1950 Date

CESM1 20-Year Variance Single Forcing Net Impact 0.50 -0.25 -Case Variance FF GHG AER 0.00 -BMB -0.25 **-**1950 2000 2050 Date