**BPEA Response Data Notes**

Figure 1. Empirical Publications Informing the Previous Generation of Models

Spreadsheet contains a year-by-year number of publications regarding FUND, PAGE, and DICE models as well as the number of publications not included in any of the integrated assessment models (IAMS). The left panel corresponds to “FUND,” “PAGE,” and “DICE” rows in “Feb22\_CIL\_IAMS\_LitReview.xlsx.” The right panel corresponds to “Not Included in IAMs” row.

Figure 2. Climate Change Consequences Are Heterogeneous

“Mortality and Temperature.xlsx” contains two tabs “Panel A. Mortality” and “Panel B. Daily Temperature” corresponding to two panels in the figures. Both panels are sketched in Excel.

Figure 3. Economic and Climate Uncertainty in Examined Sectors

“p71.png” is the highest resolution of the figure we were able to find.

Figure 4. Cumulative Emissions through 2300, Alternative Scenarios

“rcp\_timeseries\_cumulative-True\_drop\_2300-False.csv” contains cumulative emissions for a given RCP scenario (“rcp” column) over time (“year” column). For example, *ssp119* in the “rcp” column corresponds to the green dashed line in the graph (“SSP 1-1.9”).

“rff\_timeseries\_cumulative-True\_drop\_2300-False.csv” contains data on cumulative emissions across RFF’s simulations (by quantile) over time (year). This will allow to plot shaded grey areas and median values (quantile = 0.5).

Figure 5. Histogram of Year of Peak, Annual Emissions

“rff\_histogram\_cumulative-False\_drop\_2300-Fasle.csv” contains the year of peak annual emissions (“max\_year”) for each simulation.

Figure 6. Histogram of Year of Peak Cumulative Emissions

“rff\_histogram\_cumulative-True\_drop\_2300-False.csv” contains the year of peak cumulative emissions (“max\_year) for each simulation.

**Underlying data for RFF’s simulations is publicly available here:** https://zenodo.org/record/5898729#.Yjn9WnrMJPZ