Figure S1: LM global GST annual anomalies and the corresponding 31-yr filtered outputs, the global IBSL12 and the Bmask pseudo-reconstructions based on the linear combination of the four a) and five b) principal components for the ALL-F2 and ALL-F5 members of the ALL-F ensemble. Note the different discretization in the x axis after 1700 CE. Boxplots describing the centennial linear trends over the period 1900-2005 CE calculated for each of the 13 ensemble members within the ALL-F ensemble are shown on the right-hand side. The GST, IBSL12, GSTmask, Bmask and the differences between IBSL12 - GST, Bmask - GSTmask and IBSL12 - Bmask are presented. The 25th, 50th and 75th percentiles are indicated and the whiskers represent the lowest/highest value within 1.5 interquartile range (IQR) of the 25th/75th percentile. Outliers are indicated as diamonds in the same color of the box.