**Supplementary Materials: Dynamic mass loss from Greenland’s marine-terminating peripheral glaciers (1985-2018)**

Katherine E. Bollen1, Ellyn M. Enderlin1, Rebecca Muhlheim2

1Department of Geosciences, Boise State University, Boise, ID, USA and 2Carleton College, Department of Geology, Northfield, MN, USA



**Fig. S1.** Histogram of time-averaged glacier discharge (Gt/yr) from GICs from 1985-2018. The count is displayed using a log scale to facilitate visualization of the exponential decrease in count with discharge.



**Fig. S2.** Regional box plot time series of normalized speeds for glaciers with complete time series. Regional colors correspond with those in Figure 5. There is no plot for the north region due to limited data coverage. The colored bars define the 25th – 75th percentiles, the horizontal black lines indicate the annual median, the dashed vertical lines extend to all non-outliers, and the circles indicate outliers.