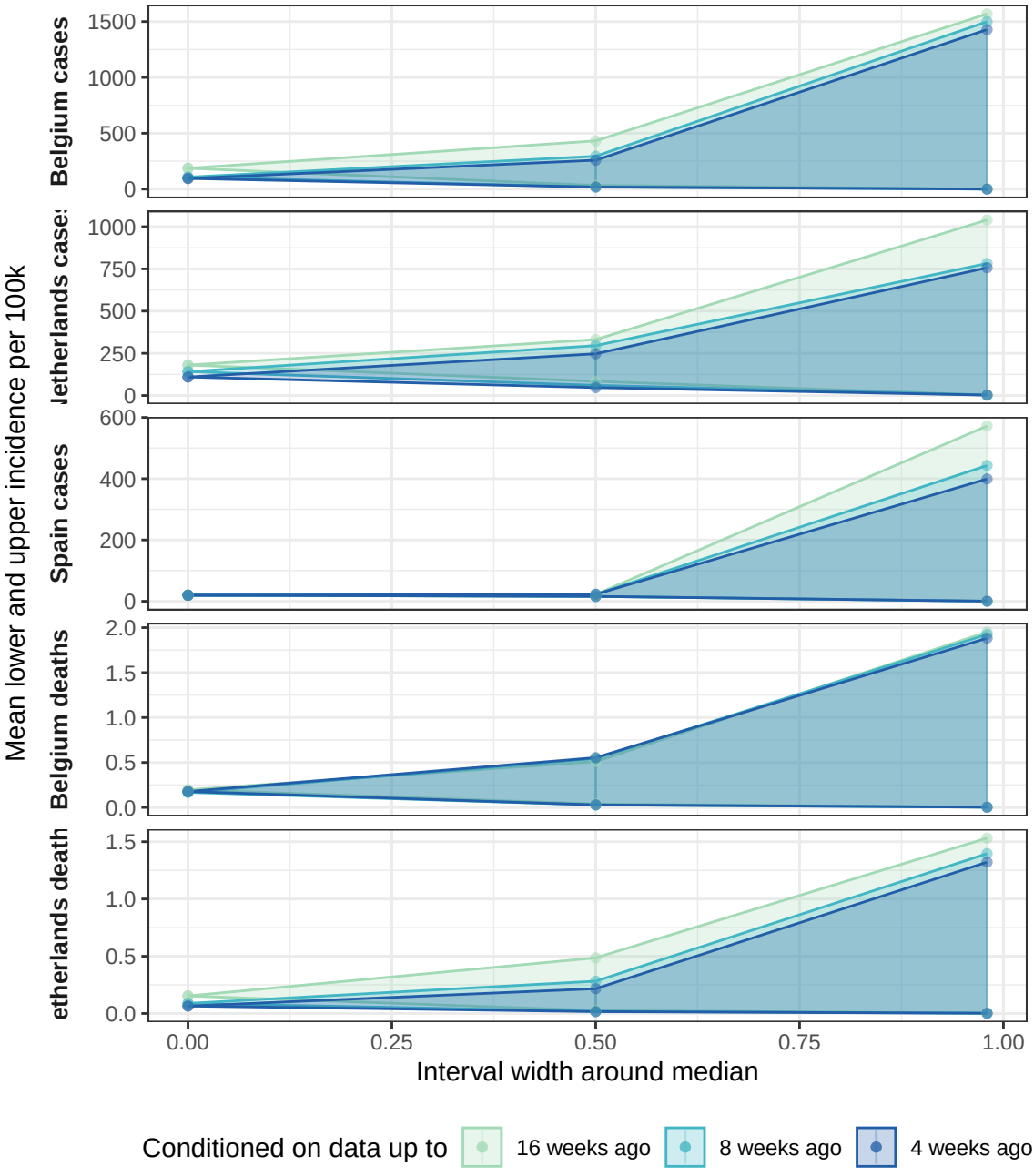

Figure SI1. Mean central prediction intervals between 17 December 2022 and 8 April 2023 of ensembles conditioned on varying amounts of data. Weights were based on each trajectory's inverse mean absolute error, and were updated with each week of observed data to create consecutive weighted ensembles for all time horizons. We compare the mean interval width for projections at 4, 8, and 16 weeks ahead (overlapping between December and April). The median estimate has 0 interval width (x−axis), with uncertainty increasing until an interval width at 0.98 represents the 1%−99% credibility interval around the median. Conditioning on more recent data shows reduced uncertainty at the upper 0.98 interval across five different projection targets.