Supporting information:

Distributional properties of the relative bias (RB) and the coefficient of deviation (COD) of the estimates of the biodiversity parameter θ.
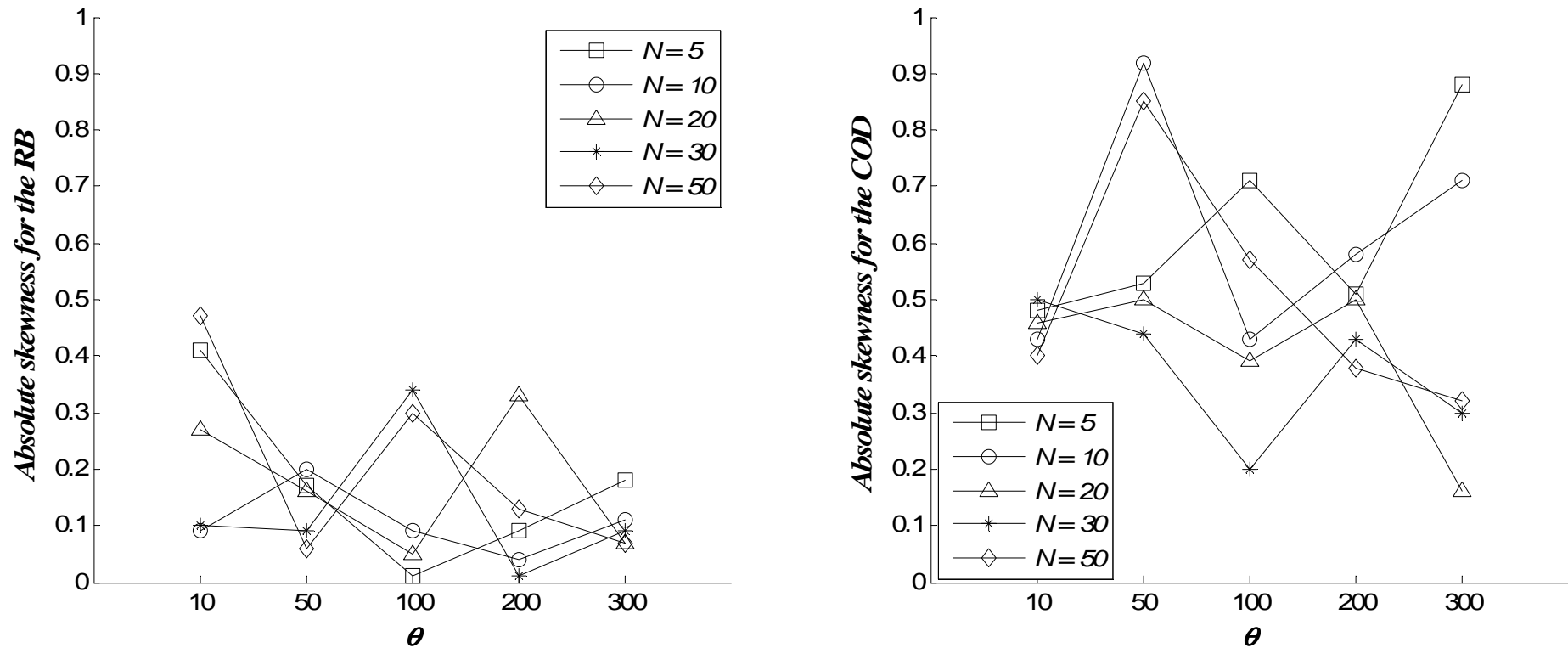

Figure S1 The absolute value of the skewness of the RB (*left*) and COD (*right*) histograms are plotted. The plots correspond to a total of 5 (values of *N*) x 5 (values of θ) = 25

scenarios simulated using a coalescence approach where each (θ,*N*) scenario gives rise to 200 values of $\hat{\theta}$ and thus an equal number of RB and COD values. The histograms

were considered only between the 5th and the 95th quantiles of the 200 values while computing their skewness.