

Figure S1. Timeframes (median values for the time of a QG (t_{E-QG}) and interquartile ranges) for QGs sampled in different countries. β = time correction by a single substitution; 1-M_{SM} = RG match or is a 1-step mutational ancestral

or derivative from QG, 1/2-M_SM = RG match or is a 1 or 2-step mutational ancestral or derivative from QG; 1/2/3-M_SM = RG match or is a 1, 2 or 3-step mutational ancestral or derivative from QG.

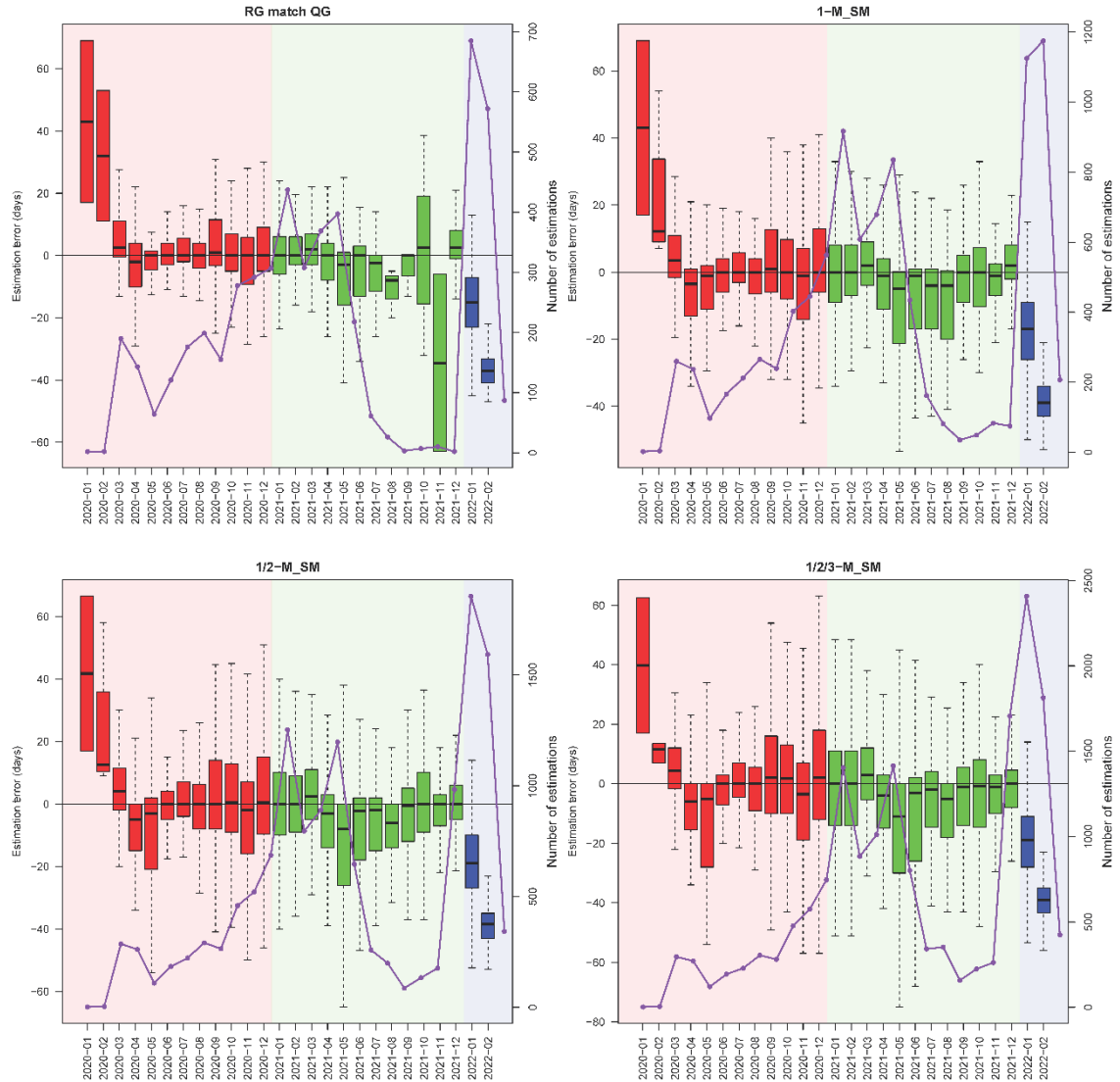


Figure S2. Interquartile ranges for the t_{E-QG} and various simulation models. 1-M_SM = RG match or is a 1-step mutational ancestral or derivative from QG, 1/2-M_SM = RG match or is a 1 or 2-step mutational ancestral or derivative from QG; 1/2/3-M_SM = RG match or is a 1, 2 or 3-step mutational ancestral or derivative from QG; P50 = percentile 50; P75 = percentile 75, P90 = percentile 90.

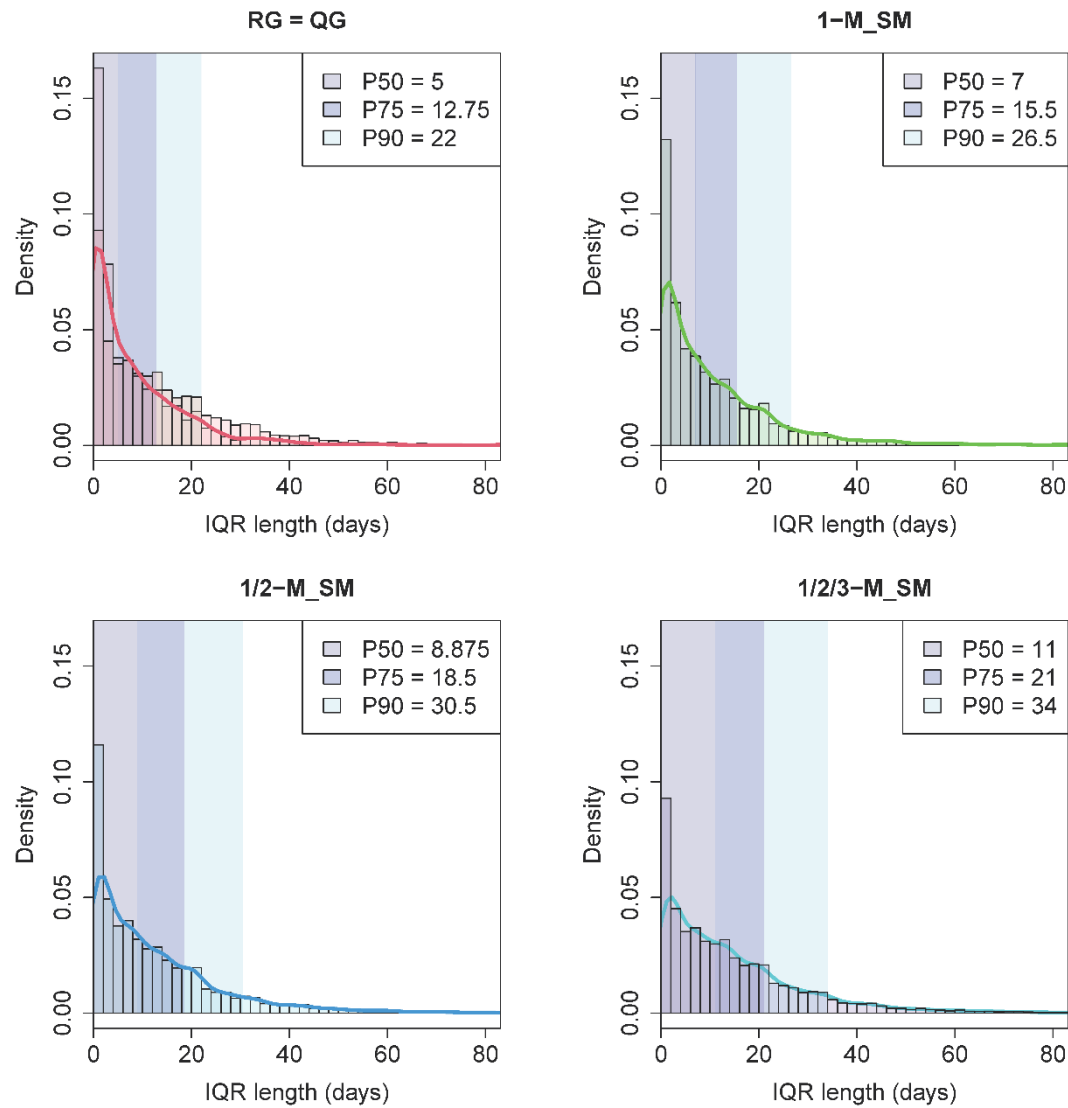


Figure S3. Distribution of IQR length (days) for each estimation and simulation model. 1-M_SM = RG match or is a 1-step mutational ancestral or derivative from QG, 1/2-M_SM = RG match or is a 1 or 2-step mutational ancestral or derivative from QG; 1/2/3-M_SM = RG match or is a 1, 2 or 3-step mutational ancestral or derivative from QG; P50 = percentile 50; P75 = percentile 75, P90 = percentile 90.