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Erratum: Prospective and retrospective evaluation of five-year earthquake forecast models for California

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In the Result section, the Fig. 3 is not displaying properly due to technical reasons. The error has now been corrected online. The publisher apologise for this error.

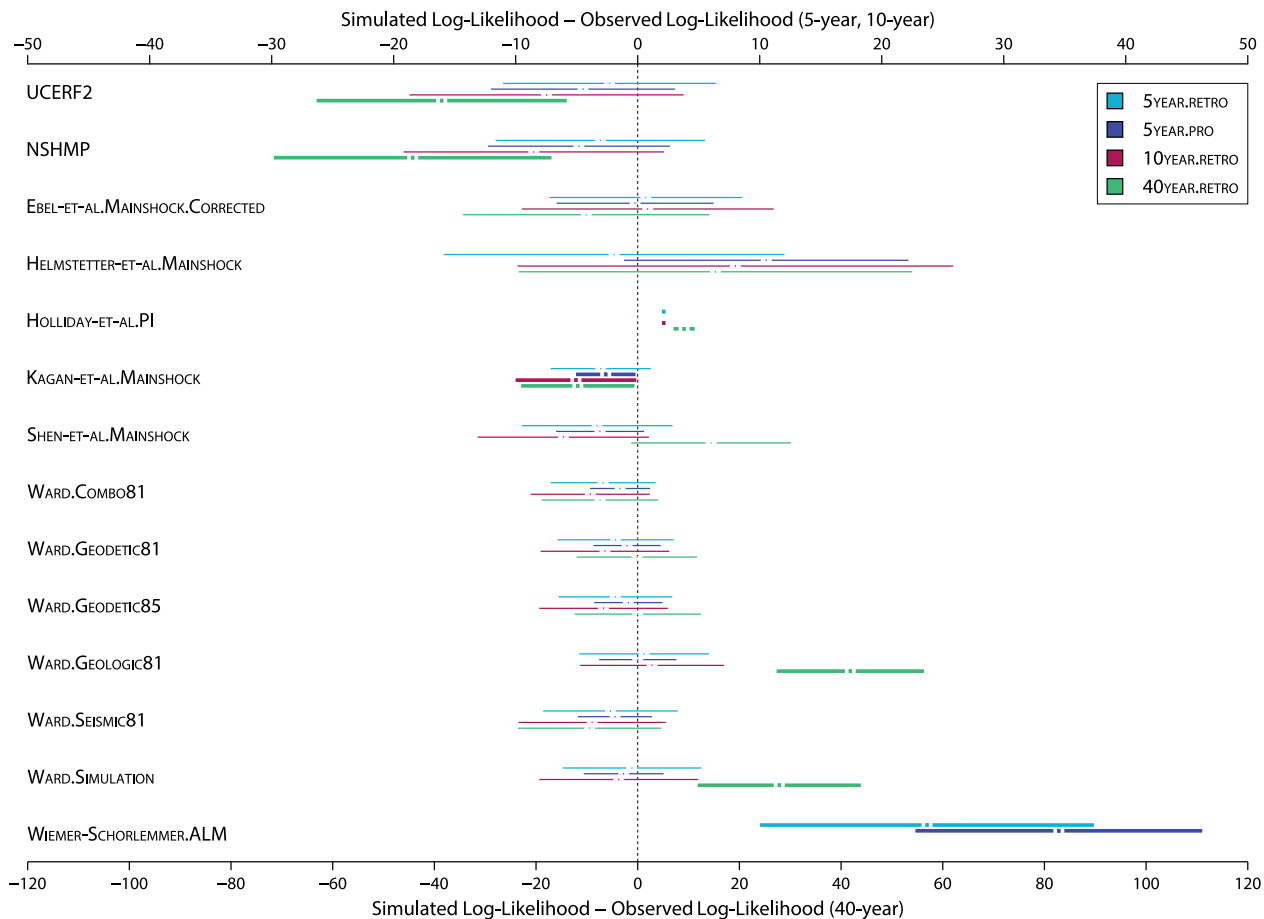


Figure 3. S-test results for the USGS and RELM forecasts. The differences between the simulated log-likelihoods and the observed log-likelihood are labelled on the horizontal axes, with scaling adjustments for the 40YEAR.RETRO experiment. The horizontal lines represent the confidence intervals, within the 0.05 significance level, for each forecast and experiment. If this range contains a log-likelihood difference of zero, the forecasted log-likelihoods are consistent with the observed, and the forecast passes the S-test (denoted by thin lines). If the minimum difference within this range does not contain zero, the forecast fails the S-test for that particular experiment, denoted by thick lines. Colours distinguish between experiments (see Table 2 for explanation of experiment durations). Due to anomalously large likelihood differences, S-test results for WIEMER-SCHORLEMMER.ALM during the 10YEAR.RETRO and 40YEAR.RETRO experiments are not displayed. The range of log-likelihoods for the HOLLIDAY-ET-AL.PI forecast is lower than for the other forecasts due to relatively homogeneous forecasted seismicity rates and use of a small fraction of the RELM testing region.