





Tuesday, 2 July 13



Weather vs Climate model evaluation

- Recall: One main role of evaluation -> fit for purpose test
- Weather Prediction: This is relatively easy as the predicted weather will occur in a few days and we can compare the model forecast to observations at that point.
- Climate: It will be decades before we can judge the success of our projections. We can only evaluate model performance for current and past climates.

Weather vs Climate model evaluation A close connection of success in simulating aspects of current climate to model behaviour in future projections has not been established! Therefore, evaluation of current climate is - at best - a necessary condition for model

 This also implies that our reliance on understanding is of much greater significance for climate than weather models.



quality.



















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