

Re-Review of ESMValTool v2.0 - Extended set of large-scale diagnostics for quasi-operational and comprehensive evaluation of Earth system models in CMIP by Eyring et al.

General Comments

The paper is greatly improved. I appreciate the authors efforts to address the reviewer's comments. I feel they have done an excellent job. I recommend the paper be accepted. I have only two very minor comments below.

Specific Comments

1. Line 117-118 - including but not limited to those on global mean temperature or precipitation – This seems very wordy. How about “for example global mean temperature or precipitation”.
2. Line 435 – Deser et al 2017 – Deser et al. investigates the issue from the obs. Wittenberg et al demonstrate the issue in a model simulation. Both seem relevant. Wittenberg et al seem like an important reference to include here.

[Wittenberg, Andrew T.](#), June 2009: **Are historical records sufficient to constrain ENSO simulations?** *Geophysical Research Letters*, **36**, L12702, DOI:[10.1029/2009GL038710](https://doi.org/10.1029/2009GL038710).