

Interactive comment on “Detection and Attribution Model Intercomparison Project (DAMIP)” by Nathan P. Gillett et al.

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The CMIP Panel is undertaking a review of the CMIP6 GMD special issue papers to ensure a level of consistency among the invited contributions, also in answering the key questions that were outlined in our request to submit a paper to all co-chairs of CMIP6-Endorsed MIPs. We very much welcome the important contribution from the DAMIP to CMIP6, and below are a few comments:

- p. 3 line 21: the D/A single forcing simulations were actually made available subsequent to CMIP3 in what was called CMIP4 (though not widely publicized as such). You can refer to Stouffer et al to fill in this chronology between CMIP3 and CMIP5: Stouffer, R.J., V. Eyring, G.A. Meehl, S. Bony, C. Senior, B. Stevens, K.E. Taylor, 2016: CMIP5 scientific gaps and recommendations for CMIP6. Bull. Amer. Meteorol. Soc., in press.

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- p. 5 lines 1-10: the “All-but” approach could also include, for example, “all forcings but aerosols”, and so on. It may be worth clarifying this distinction here. - P. 7 line 17: It may be worth clarifying here that natural forcings for the future would not include volcanoes unless I missed something, and only an estimate of solar; this comes up again on p. 9, lines 17-22 - P. 8 line 27: should be “HistVLC”, not “HistVOL”

Updated Reference: - Eyring, V., Bony, S., Meehl, G. A., Senior, C. A., Stevens, B., Stouffer, R. J., and Taylor, K. E.: Overview of the Coupled Model Intercomparison Project Phase 6 (CMIP6) experimental design and organization, Geosci. Model Dev., 9, 1937-1958, doi:10.5194/gmd-9-1937-2016, 2016.

With many thanks for your ongoing efforts in the CMIP6 process.

The CMIP Panel

Interactive comment on Geosci. Model Dev. Discuss., doi:10.5194/gmd-2016-74, 2016.

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