

***Interactive comment on “Nine time steps:
ultra-fast statistical consistency testing of the
Community Earth System Model (pyCECT v3.0)”
by Daniel J. Milroy et al.***

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Thank you for the encouraging review and suggestions. The two comments are addressed below.

1. *Page 4 line 3-10: the description of the PCA decomposition in section 2.1 would deserve more detail (step by step as in Milroy et al. 2016) to be more quickly understandable.*

We agree that this section benefits from a more thorough explanation. We have updated section 2.1 to include a modified version of the description from Milroy

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et al. 2016.

2. *page 4, line 24: replace ‘studies’ with ‘study’*

Thank you; we have made this correction.

Interactive comment on Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2017-49>, 2017.