

Interactive comment on “Multi-century cool and warm season rainfall reconstructions for Australia’s major climatic regions” by Mandy Freund et al.

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The PAGES Data Stewardship Integrative Activity seeks to advance best practices for sharing data generated and assembled as part of all PAGES-related activities. As part of this activity, a team of reviewers has been constituted for the “Climate of the Past 2000 years” Special Issue. The data team is reviewing the data handling within each of the CP-Discussion papers in relation to the CP data policy and current best practices. The team has identified essential and recommended additions for each paper, with the goal of achieving a high and consistent level of data stewardship across the 2k Special Issue. We recognize that an additional effort will likely be required to

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meet the high level of data stewardship envisaged, and we appreciate the dedication and contribution of the authors. This includes the use of Data Citations (see example in supplement). We ask authors to respond to our comments as part of the regular open interactive discussion. If you have any questions about PAGES Data Stewardship principles, please contact any of us directly.

Best wishes for the success of your paper,

2k Special Issue Data Review Team (Darrell Kaufman, Nerilie Abram, Belen Martinat, Raphael Neukom, Scott St. George) and ex-officio team members (Marie-France Loutre, Lucien von Gunten)

Essential additions for this paper:

(1) Add a "Data Availability" section to include a URL/Data Citation to a landing page that lists the datasets used in this paper (Table S1) and the URL/Data Citation for the primary output of this study.

(2) Add Data Citations or URLs (in addition to publication citations) for each of the 185 records used in for the rainfall reconstructions in this study. For those records not already in a persistent public repository, submit the essential metadata along with the proxy data and add the corresponding Data Citation (or URL) in Table S1.

(3) Submit the primary outcome of this study, the regional rainfall reconstructions for cool and warm seasons (Fig 5), to a public repository and include the Data Citation in "Data Availability".

(4) Archive the instrumental time-series targets for the reconstructions (Fig 4) along with the reconstructions.

Please also note the supplement to this comment:

<http://www.clim-past-discuss.net/cp-2017-28/cp-2017-28-SC1-supplement.pdf>

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