Response to Jo-Jo Eumerus

A minor consideration is whether models accurately capture the climate response to paleo-vegetation changes. For example, much of the remote effect of a Green Sahara (perhaps the paradigmatic paleo-vegetation change during interglacials) on the Pacific is mediated by equatorial Atlantic SST changes (Pausata et al 2017 - 10.1038/ncomms16020 and Tiwari et al 2025 - 10.1038/s43247-025-02639-w), a region notorious for biases involving, for example, underestimated cooling by monsoon inflow winds (e.g Richter and Tokinaga 2020 - 10.1007/s00382-020-05409-w)

We thank Jo-Jo Eumerus for this thoughtful comment. We agree that also the simulated effects of interglacial vegetation changes could be inaccurate. We will add this aspect to our discussion section 3.5 “Potential model deficiencies”.