

*Global Biogeochemical Cycles*

Supporting Information for

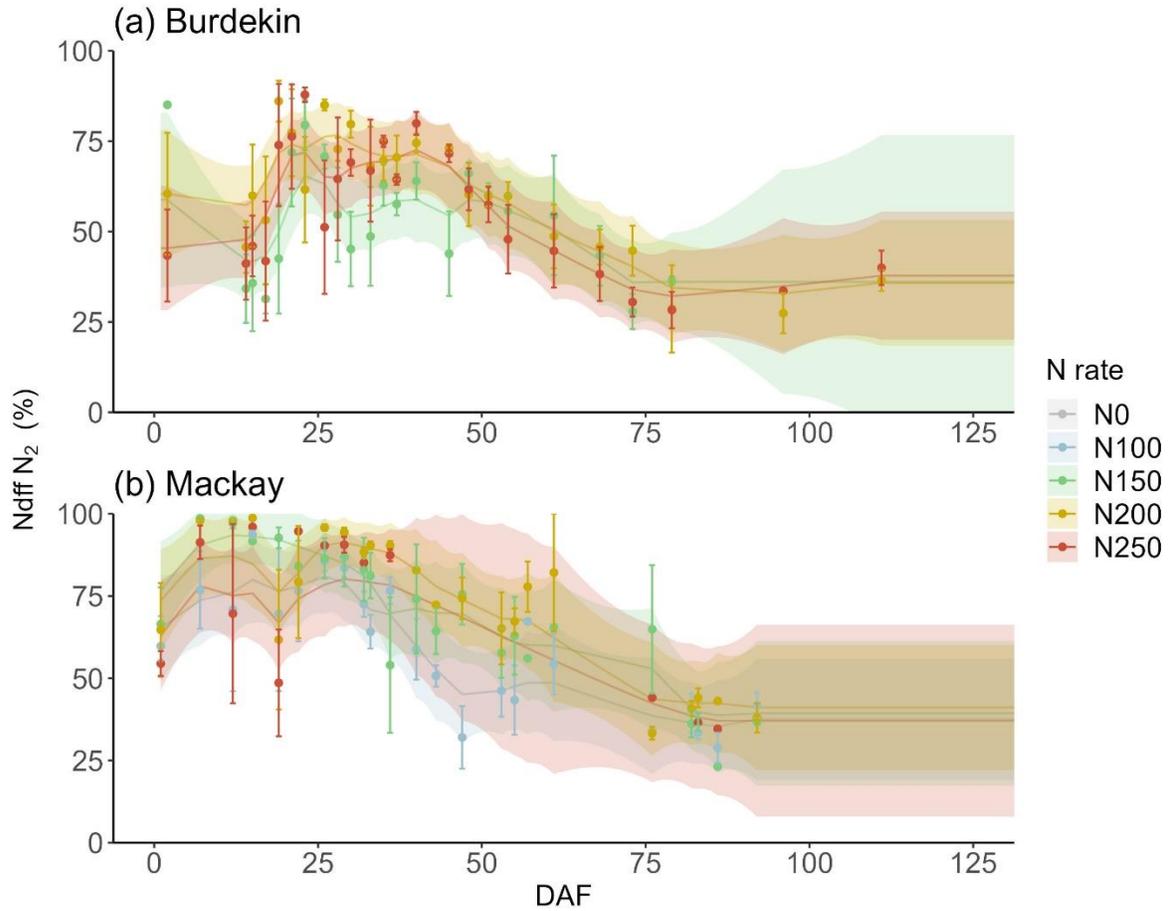
**Denitrification losses in response to N fertiliser rates – a synthesis of high temporal resolution  $\text{N}_2\text{O}$ , in-situ  $^{15}\text{N}_2\text{O}$  and  $^{15}\text{N}_2$  measurements and fertiliser  $^{15}\text{N}$  recoveries in intensive sugarcane systems**

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**Figure S1** Relative contribution of fertiliser N to N<sub>2</sub> emissions (Ndff N<sub>2</sub>) on the fertiliser band over the measurement period across N rates 100, 150, 200 and 250 kg N ha<sup>-1</sup> at the Burdekin (a) and Mackay (b) sites. Points and error bars indicate mean values and standard errors. Lines and shaded areas indicate fitted curves and 95% confidence intervals