Supplementary Information

The influence of 2015-16 El Niño on the record-breaking mangrove dieback along northern Australia coast

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Content: Fig.S1, Fig.S2

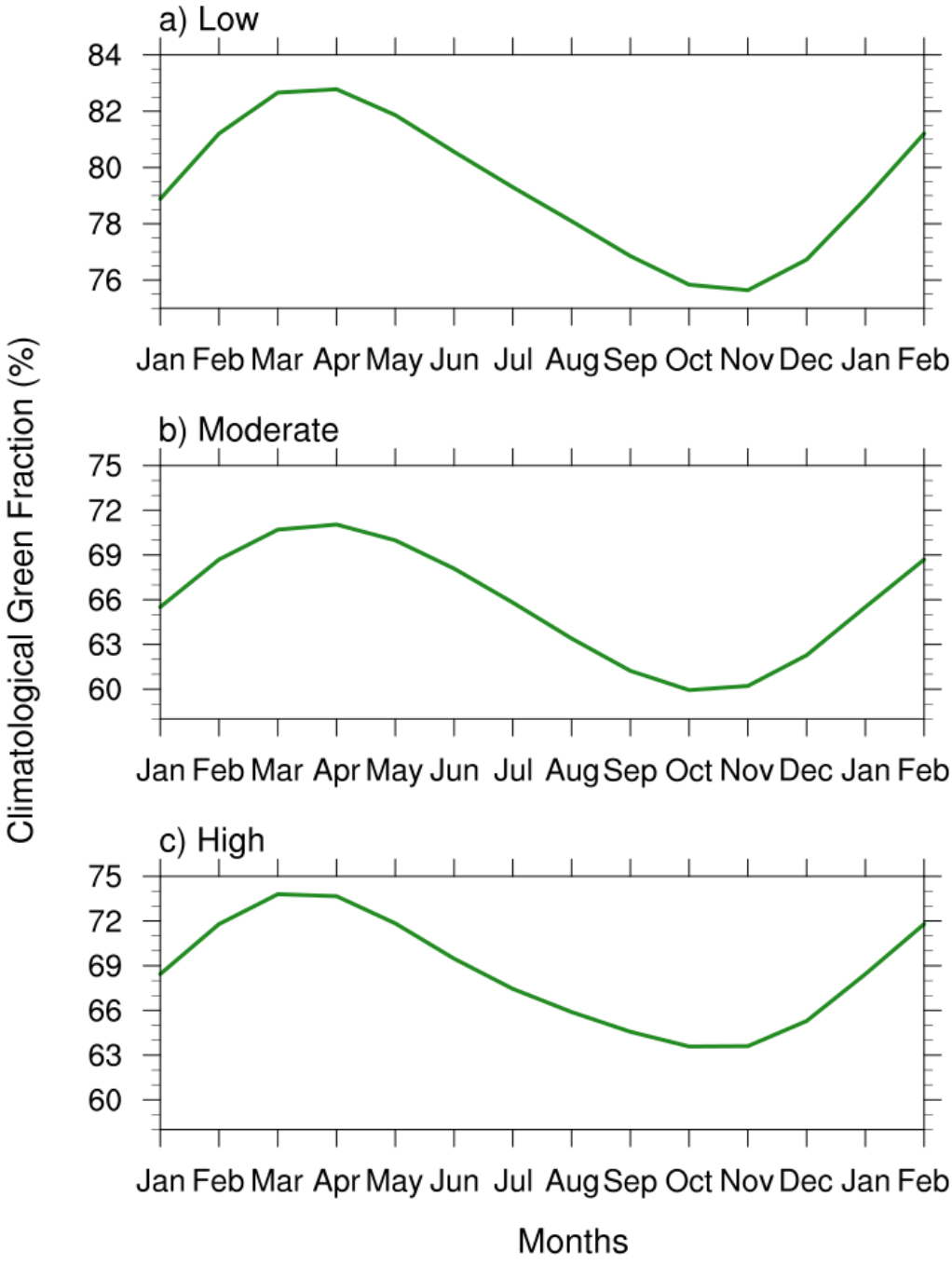

Figure S1. Climatological seasonal cycle of green-fractions for the three dieback categories: Low, Moderate, and High.

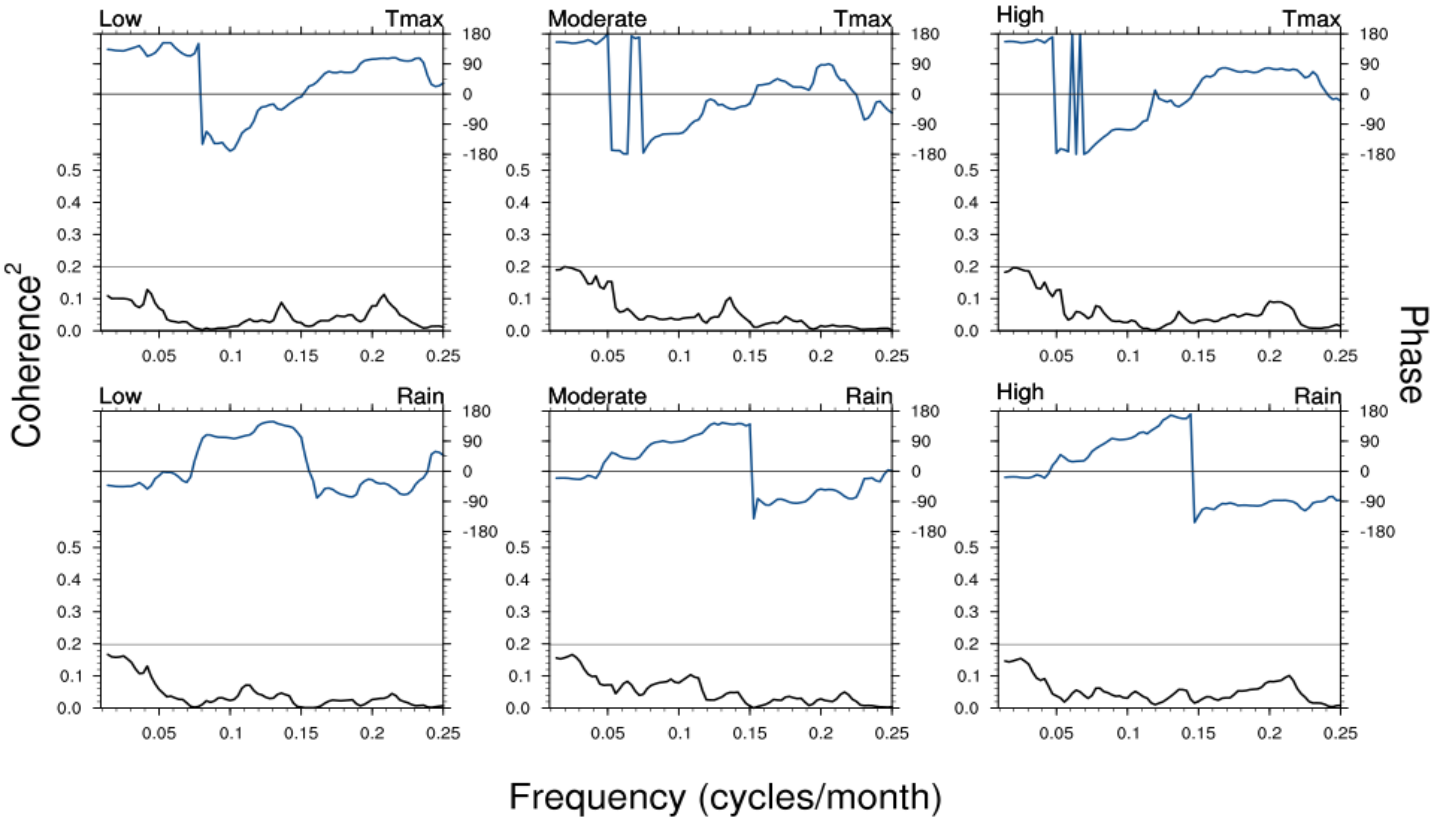

Figure S2. The coherence-squared spectrum (black curve, below) and phase (blue curve, top) between coastal Gulf area averaged T_{max} and mangrove green-fractions for the three dieback categories of Low, moderate and High (top panel). The same with coastal Gulf area averaged rainfall is shown at the bottom panels. The gray-line shows a 5% level of significance for coherence-squared values. Phase lags are shown in red where the coherence squared is significant at 5% level.