

**Table S3** The mean area under the curve (AUC) from 10 replicate models of *Glyptostrobos pensilis* under three past, present and eight future climate scenarios. Values in parenthesis represent standard deviation.

Scenarios	AUC <sub>TRAIN</sub>	AUC <sub>TEST</sub>
<sup>1</sup> LIG	0.981(0.0021)	0.9774(0.0066)
<sup>2</sup> LGM	0.9948 (0.0004)	0.9948(0.0012)
<sup>3</sup> MH	0.9822(0.0024)	0.9787(0.0056)
Current	0.9784(0.0008)	0.9773(0.0085)
<sup>4</sup> RCP2.6-2050s	0.9822(0.0021)	0.978(0.0052)
RCP2.6-2070s	0.9765(0.0030)	0.9778(0.0076)
RCP8.5-2050s	0.9796(0.0016)	0.9745(0.0011)
RCP8.5-2070s	0.9795(0.0021)	0.9779(0.0075)

<sup>1</sup>LIG, last inter-glacial

<sup>2</sup>LGM, last glacial maximum

<sup>3</sup>MH, the Mid Holocene

<sup>4</sup>RCP, Representative Concentration Pathways