

**Table S9** The optimal model used for generalized linear model (GLM) testing of the factors affecting demography

Response	Predictors
Tajima's <i>D</i>	~ Lat + Long + prec_10 + srاد_06 + srاد_07 + AET + GAI
$\tau$ (demographic expansion time)	~ 1 (null model)
$\tau$ (spatial expansion time)	~ Lat + Long + Alt + prec_10 + AET