Supplements for: Changes and trends in budburst and leaf flush across Europe and North America A meta-analysis of local adaptation in spring phenology studies

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Methods

Table for all studies

Mapped locations for all studies

Results

Spring Lat VS. Fall Lat

Corrected DOY results

Fitting each species & common garden instead of just species

MAT difference

Might want to include how the model looked when we included studies with disagreeing provenance & gardens

November 2022 Manuscript

Table 1: Model summary for the relationship between event day of year (DOY)and provenance latitude, fitted by species, in spring (left) and fall (right).

i'm not sure how to word this

	DOY_{Spring} (Latitude Species)	DOY_{Fall} (Latitude Species)
Intercept	114.219	316.736
	[100.511, 127.680]	[272.545, 415.373]
$Sigma[Species \times Intercept, Intercept]$	1148.104	12381.073
•	[435.227, 2825.532]	[6176.075, 24554.731]
$Sigma[Species \times Latitude, Intercept]$	-13.454	-307.256
	[-41.733, -1.069]	[-621.049, -122.796]
$Sigma[Species \times Latitude, Latitude]$	0.374	10.159
	$[0.111,\ 1.030]$	[5.266, 33.131]
Num.Obs.	671	349
R2	0.903	0.961
R2 Adj.	0.902	0.960
R2 Marg.	0.000	0.000
Log.Lik.	-2340.362	-1217.949
ELPD	-2358.2	-1231.9
ELPD s.e.	27.8	22.1
LOOIC	4716.4	2463.8
LOOIC s.e.	55.6	44.2
WAIC	4716.2	2463.3
RMSE	7.87	8.44
r2.adjusted.marginal	0.902	0.960