Traitors:
Tables and Figures

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1 General Survival and sucess

```
> setwd("~/Documents/github/ospree/analyses/traits")
> source("Rfiles/SM_modelOutputTable.R")
> require(xtable)
> mdl.out <- read.csv("input/slaMdlOutput.csv")
> make.mdl.out <- xtable(mdl.out, caption="SLA model estimates")
> print(make.mdl.out,include.rownames=F, caption.placement="top", hline.after=c(-1,0))

% latex table generated in R 3.6.3 by xtable 1.8-4 package
% Sat Jan 29 10:35:05 2022
\begin{table}[ht]
\centering
\caption{SLA model estimates}
\begin{tabular}{lrrrrrr}
  \hline
X & mean & sd & X2.5. & X50. & X97.5. & Rhat \\
  \hline
Grand trait mean & 16.87 & 1.27 & 14.40 & 16.84 & 19.39 & 1.00 \\
  Grand Species mean & 36.41 & 1.57 & 33.38 & 36.40 & 39.49 & 1.00 \\
  Beta Forcing & -3.51 & 1.72 & -6.84 & -3.55 & 0.00 & 1.00 \\
  Beta Chilling & -2.73 & 1.85 & -6.46 & -2.72 & 0.92 & 1.00 \\
  Beta Photoperiod & 0.35 & 1.59 & -2.86 & 0.33 & 3.40 & 1.00 \\
  Beta Trait x Forcing & -0.21 & 0.11 & -0.43 & -0.20 & -0.00 & 1.00 \\
  Beta Trait x Chilling & -0.31 & 0.13 & -0.56 & -0.31 & -0.05 & 1.00 \\
  Beta Trait x Photoperiod & -0.14 & 0.10 & -0.33 & -0.15 & 0.05 & 1.00 \\
  \end{tabular}
\end{table}

>
```

Table 1: Seed mass model estimates

Variable	mean	sd	%2.5.	%50.	%97.5.	Rhat
Grand trait mean	2.02	0.29	1.44	2.02	2.59	1.01
Grand Species mean	35.96	1.53	33.04	35.98	39.00	1.00
Beta Forcing	-4.38	1.43	-7.06	-4.43	-1.42	1.00
Beta Chilling	-3.17	1.61	-6.28	-3.20	0.01	1.00
Beta Photoperiod	-0.75	1.12	-2.90	-0.77	1.51	1.00
Beta Trait x Forcing	-1.31	0.67	-2.65	-1.29	-0.04	1.00
Beta Trait x Chilling	-2.57	0.84	-4.26	-2.57	-0.94	1.00
Beta Trait x Photoperiod	-0.69	0.56	-1.79	-0.69	0.40	1.00

Table 2: Height model estimates

Variable	mean	sd	%2.5.	%50.	%97.5.	Rhat
Grand trait mean	13.82	1.75	10.55	13.78	17.40	1.00
Grand Species mean	33.24	2.99	27.41	33.19	39.16	1.00
Beta Forcing	-0.95	1.00	-2.87	-0.97	1.01	1.00
Beta Chilling	-0.15	0.98	-2.05	-0.14	1.75	1.00
Beta Photoperiod	0.25	0.93	-1.59	0.25	2.08	1.00
Beta Trait x Forcing	-0.42	0.11	-0.64	-0.41	-0.22	1.00
Beta Trait x Chilling	-0.67	0.13	-0.94	-0.67	-0.43	1.00
Beta Trait x Photoperiod	-0.19	0.09	-0.38	-0.19	-0.01	1.00

Table 3: LNC model estimates

Variable	mean	sd	X2.5.	X50.	X97.5.	Rhat
Grand trait mean	22.96	1.40	20.20	22.93	25.76	1.00
Grand Species mean	36.37	1.56	33.31	36.37	39.37	1.00
Beta Forcing	-1.62	1.95	-5.47	-1.62	2.17	1.01
Beta Chilling	-1.79	1.92	-5.45	-1.82	1.99	1.00
Beta Photoperiod	-1.08	1.88	-4.65	-1.08	2.67	1.00
Beta Trait x Forcing	-0.27	0.10	-0.46	-0.27	-0.08	1.01
Beta Trait x Chilling	-0.30	0.11	-0.52	-0.30	-0.10	1.00
Beta Trait x Photoperiod	-0.02	0.09	-0.19	-0.02	0.14	1.01

Table 4: SLA model estimates

Variable	mean	sd	X2.5.	X50.	X97.5.	Rhat
Grand trait mean	16.87	1.27	14.40	16.84	19.39	1.00
Grand Species mean	36.41	1.57	33.38	36.40	39.49	1.00
Beta Forcing	-3.51	1.72	-6.84	-3.55	0.00	1.00
Beta Chilling	-2.73	1.85	-6.46	-2.72	0.92	1.00
Beta Photoperiod	0.35	1.59	-2.86	0.33	3.40	1.00
Beta Trait x Forcing	-0.21	0.11	-0.43	-0.20	-0.00	1.00
Beta Trait x Chilling	-0.31	0.13	-0.56	-0.31	-0.05	1.00
Beta Trait x Photoperiod	-0.14	0.10	-0.33	-0.15	0.05	1.00