Traitors:
Tables and Figures

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May 4, 2022

```
% latex table generated in R 3.6.3 by xtable 1.8-4 package
% Wed May  4 16:43:35 2022
\begin{table}[ht]
\centering
\caption{LNC model estimates}
\begin{tabular}{lrrrrrr}
  \hline
X & mean & sd & X2.5. & X50. & X97.5. & Rhat \\
  \hline
mu\_grand & 22.65 & 1.41 & 19.90 & 22.65 & 25.44 & 1.00 \\
  muPhenoSp & 31.21 & 2.51 & 26.35 & 31.15 & 36.32 & 1.00 \\
  muForceSp & -19.42 & 5.45 & -30.39 & -19.50 & -8.61 & 1.01 \\
  muChillSp & -26.48 & 7.09 & -40.56 & -26.52 & -12.15 & 1.00 \\
  muPhotoSp & -10.07 & 4.89 & -19.99 & -10.02 & -0.60 & 1.01 \\
  betaTraitxForce & 0.48 & 0.23 & 0.02 & 0.48 & 0.95 & 1.01 \\
  betaTraitxChill & 0.70 & 0.30 & 0.09 & 0.70 & 1.30 & 1.00 \\
  betaTraitxPhoto & 0.33 & 0.20 & -0.06 & 0.33 & 0.73 & 1.01 \\
  sigma\_sp & 5.12 & 0.61 & 4.05 & 5.07 & 6.44 & 1.00 \\
  sigma\_study & 3.54 & 0.97 & 2.07 & 3.40 & 5.78 & 1.00 \\
  sigma\_traity & 5.13 & 0.06 & 5.02 & 5.13 & 5.25 & 1.00 \\
  sigmaPhenoSp & 14.07 & 1.96 & 10.46 & 13.96 & 18.13 & 1.00 \\
  sigmaForceSp & 4.51 & 1.03 & 2.70 & 4.42 & 6.76 & 1.00 \\
  sigmaChillSp & 8.92 & 2.02 & 5.73 & 8.63 & 13.60 & 1.00 \\
  sigmaPhotoSp & 3.85 & 0.88 & 2.37 & 3.77 & 5.80 & 1.00 \\
  sigmapheno\_y & 14.22 & 0.26 & 13.73 & 14.21 & 14.73 & 1.00 \\
  \end{tabular}
\end{table}
```

```
> setwd("~/Documents/github/ospree/analyses/traits")
> require(xtable)
> tabData <- read.csv("input/sm_table_37spp.csv")
> make.tab.out <- xtable(tabData, caption="Summary of dataset")
> print(make.tab.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
% Wed May  4 16:43:35 2022
\begin{table}[ht]
\centering
\caption{Summary of dataset}
\begin{tabular}{llrlll}
```

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  \hline
traitname & unitname & no.obs & no.spp & database & datasetid & reference \\
  \hline
Height & m &  26 &   8 & bien & 10\_bien & http://datadryad.org/resource/doi:10.5061/dryad.j25t0 \\
  Height & m &   2 &   2 & bien & 12\_bien & http://datadryad.org/resource/doi:10.5061/dryad.m88g7 \\
  Height & m &  27 &  19 & bien & 14\_bien & http://datadryad.org/resource/doi:10.5061/dryad.r3n45 \\
  Height & m &  18 &  16 & bien & 18\_bien &  \\
  Height & m &  90 &  19 & bien & 20\_bien & http://www.leda-traitbase.org/LEDAportal/ \\
  Height & m &  10 &  10 & bien & 21\_bien &  \\
  Height & m &  21 &  14 & bien & 22\_bien & Moles, Angela \\
  Height & m & 47036 &  19 & bien & 24\_bien & Reams, Greg \\
  Height & m &   5 &   5 & bien & 25\_bien & Grime, Hodgson, \& Hunt \\
  Height & m &   8 &   5 & bien & 26\_bien &  \\
  Height & m &  18 &   1 & bien & 3\_bien & http://datadryad.org/resource/doi:10.5061/dryad.1cn19 \\
  Height & m & 120 &   1 & bien & 5\_bien & http://datadryad.org/resource/doi:10.5061/dryad.4q78p \\
  Height & m &  20 &   1 & bien & 7\_bien & http://datadryad.org/resource/doi:10.5061/dryad.6nc8c \\
  Height & m &   2 &   1 & try & 156\_try & Bond-Lamberty et al. (2002) \\
  Height & m & 275 &   3 & try & 186\_try & unpub. \\
  Height & m &  28 &  19 & try & 20\_try & Wright et al. (2004) \\
  Height & m &   2 &   2 & try & 236\_try & Prentice et al. (2011) \\
  Height & m &  21 &  21 & try & 251\_try & Schweingruber \& Landolt (2005) \\
  Height & m &  35 &   2 & try & 275\_try & unpub. \\
  Height & m &   5 &   5 & try & 28\_try & Moles et al. (2004) \\
  Height & m &   1 &   1 & try & 54\_try & Cavender-Bares et al. (2006) \\
  Height & m &  11 &  10 & try & 86\_try & Diaz et al. (2004) \\
  LNC & mg/g & 287 &  12 & try & 130\_try & Craine et al. (2009) \\
  LNC & mg/g &  44 &   2 & try & 154\_try & Wilson et al. (2000) \\
  LNC & mg/g &   7 &   4 & try & 180\_try & Wenxuan et al. (2012) \\
  LNC & mg/g &   7 &   3 & try & 181\_try & Yahan et al. (2011) \\
  LNC & mg/g &  65 &  32 & try & 20\_try & Wright et al. (2004) \\
  LNC & mg/g &   3 &   2 & try & 236\_try & Prentice et al. (2011) \\
  LNC & mg/g & 120 &  20 & try & 240\_try & Vergutz et al. 2012 \\
  LNC & mg/g &  24 &   8 & try & 286\_try & Atkin et al. (2015) \\
  LNC & mg/g &  72 &  22 & try & 342\_try & Maire et al. (2015) \\
  LNC & mg/g &   2 &   1 & try & 37\_try & Cornelissen et al. (2003) \\
  LNC & mg/g & 3216 &  37 & try & 412\_try & unpub. \\
  LNC & mg/g &   6 &   2 & try & 443\_try & Wang et al. 2017 \\
  Seed mass & mg &   3 &   3 & bien & 12\_bien & http://datadryad.org/resource/doi:10.5061/dryad.m88g
  Seed mass & mg &   4 &   2 & bien & 17\_bien & http://ucjeps.berkeley.edu/EFT.html \\
  Seed mass & mg & 250 &  37 & bien & 19\_bien & http://www.kew.org/data/sid \\
  Seed mass & mg &  12 &  12 & bien & 2\_bien & http://datadryad.org/resource/doi:10.5061/dryad.12b0h
  Seed mass & mg &  12 &   7 & bien & 9\_bien & http://datadryad.org/resource/doi:10.5061/dryad.h9083
  SLA & mm2 mg-1 &  44 &   2 & try & 154\_try & Wilson et al. (2000) \\
  SLA & mm2 mg-1 & 204 &   3 & try & 186\_try & unpub. \\
  SLA & mm2 mg-1 &  93 &  33 & try & 20\_try & Wright et al. (2004) \\
  SLA & mm2 mg-1 &   2 &   2 & try & 236\_try & Prentice et al. (2011) \\
  SLA & mm2 mg-1 & 102 &  18 & try & 25\_try & Kleyer et al. (2008) \\
  SLA & mm2 mg-1 &  83 &   2 & try & 275\_try & unpub. \\
  SLA & mm2 mg-1 &  40 &  11 & try & 286\_try & Atkin et al. (2015) \\
  SLA & mm2 mg-1 &  86 &  23 & try & 342\_try & Maire et al. (2015) \\
  SLA & mm2 mg-1 & 615 &  14 & try & 37\_try & Cornelissen et al. (2003) \\
  SLA & mm2 mg-1 & 6307 &  37 & try & 412\_try & unpub. \\
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  SLA & mm2 mg-1 &   6 &   2 & try & 443\_try & Wang et al. 2017 \\
  SLA & mm2 mg-1 &  20 &   2 & try & 50\_try & Shipley et al. (2002) \\
  SLA & mm2 mg-1 &  42 &   2 & try & 54\_try & Cavender-Bares et al. (2006) \\
  SLA & mm2 mg-1 &   1 &   1 & try & 65\_try & unpub. \\
  SLA & mm2 mg-1 &  11 &  10 & try & 86\_try & Diaz et al. (2004) \\
  \end{tabular}
\end{table}

>
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