

Supplemental Figure 1

Larsen & Shirey

Updated 2-Dec-2020; separated from reanalysis 25-Nov-2020

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Create panels for Supplemental Figure 1

In this code chunk, we previously used `lm.model$call` references in `geom_smooth`, which created a string of outputs showing the calls. The current simple `lm` still includes `geom_smooth` output text, which would be nice to suppress if we can figure that out.

```
library(tidyverse)
```

```
## -- Attaching packages ----- tidyverse 1.3.0 --
```

```
## v ggplot2 3.3.2      v purrr   0.3.4  
## v tibble  3.0.3      v dplyr   1.0.1  
## v tidyr   1.1.1      v stringr 1.4.0  
## v readr   1.3.1      v forcats 0.5.0
```

```
## -- Conflicts ----- tidyverse_conflicts() --  
## x dplyr::filter() masks stats::filter()  
## x dplyr::lag()    masks stats::lag()
```

```
library(ggplot2)  
library(ggExtra)  
library(gridExtra)
```

```
##  
## Attaching package: 'gridExtra'
```

```
## The following object is masked from 'package:dplyr':  
##  
##   combine
```

```
load("data/occurrences_FricAnalysis.RData")  
load("data/phenometrics.RData")  
reanalysis<-read_csv("outputs/supp_table2_part.csv")
```

```
## Warning: Missing column names filled in: 'X1' [1]
```

```
## Parsed with column specification:  
## cols(  
##   X1 = col_double(),  
##   name_resultsfile = col_character(),  
##   region = col_character(),  
##   phenometric = col_character(),  
##   indep.variable = col_character(),  
##   Reanalysis_sign = col_double(),  
##   Reanalysis_p = col_double(),  
##   Reanalysis_coefficient = col_double(),  
##   Fric_SR_Sign = col_double(),  
##   Fric_SR_p = col_double(),  
##   Fric_SR_coef = col_double(),  
##   Fric_RR_Sign = col_double(),  
##   Fric_RR_p = col_double(),  
##   Fric_RR_coef = col_double()  
## )
```

```
datasets<-pheno.data %>% group_by(name, region) %>% tally()  
datasets<-datasets %>% mutate(set=paste(name,region,sep="-"))
```

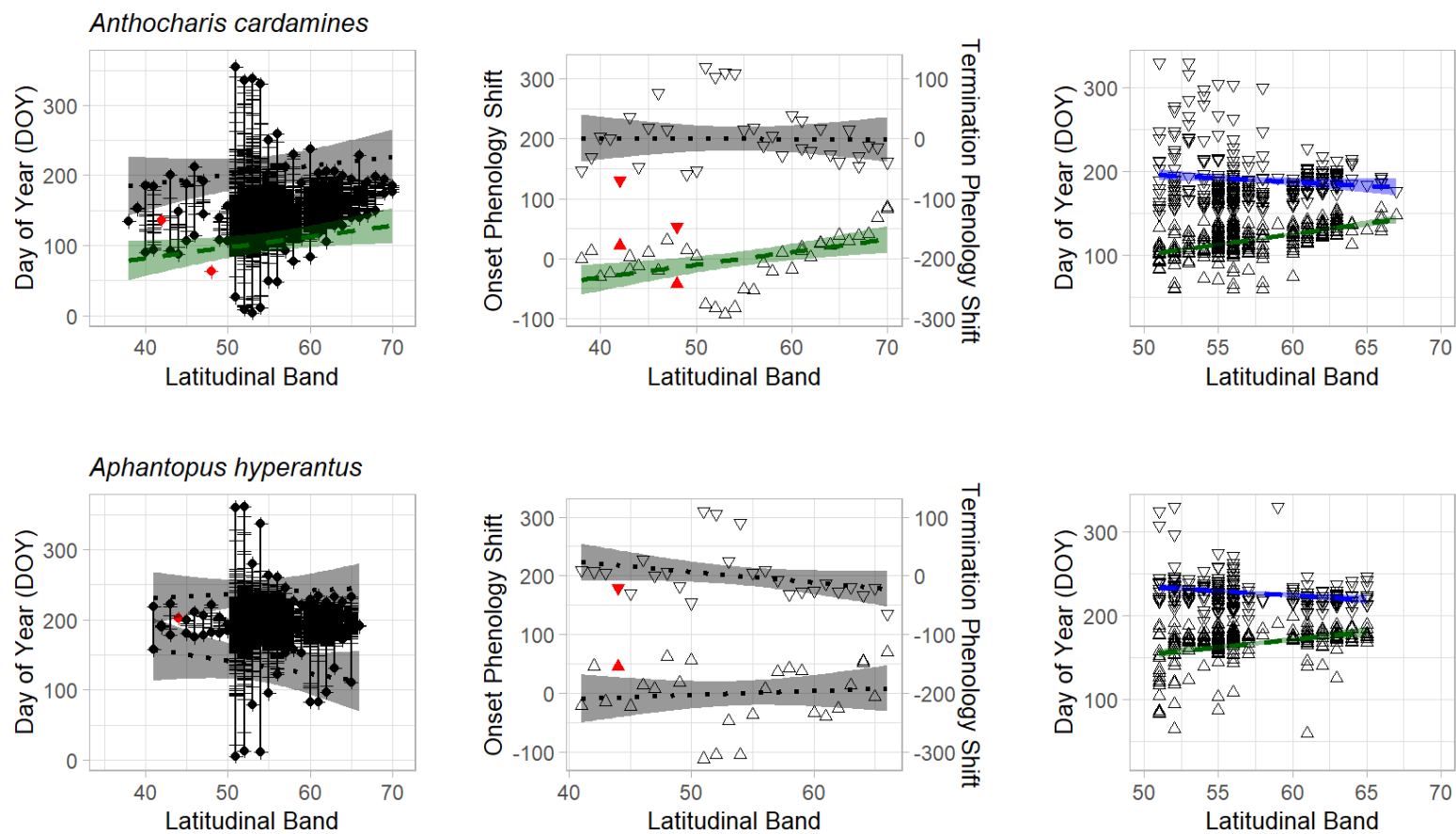
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Create Supplemental Figure 1

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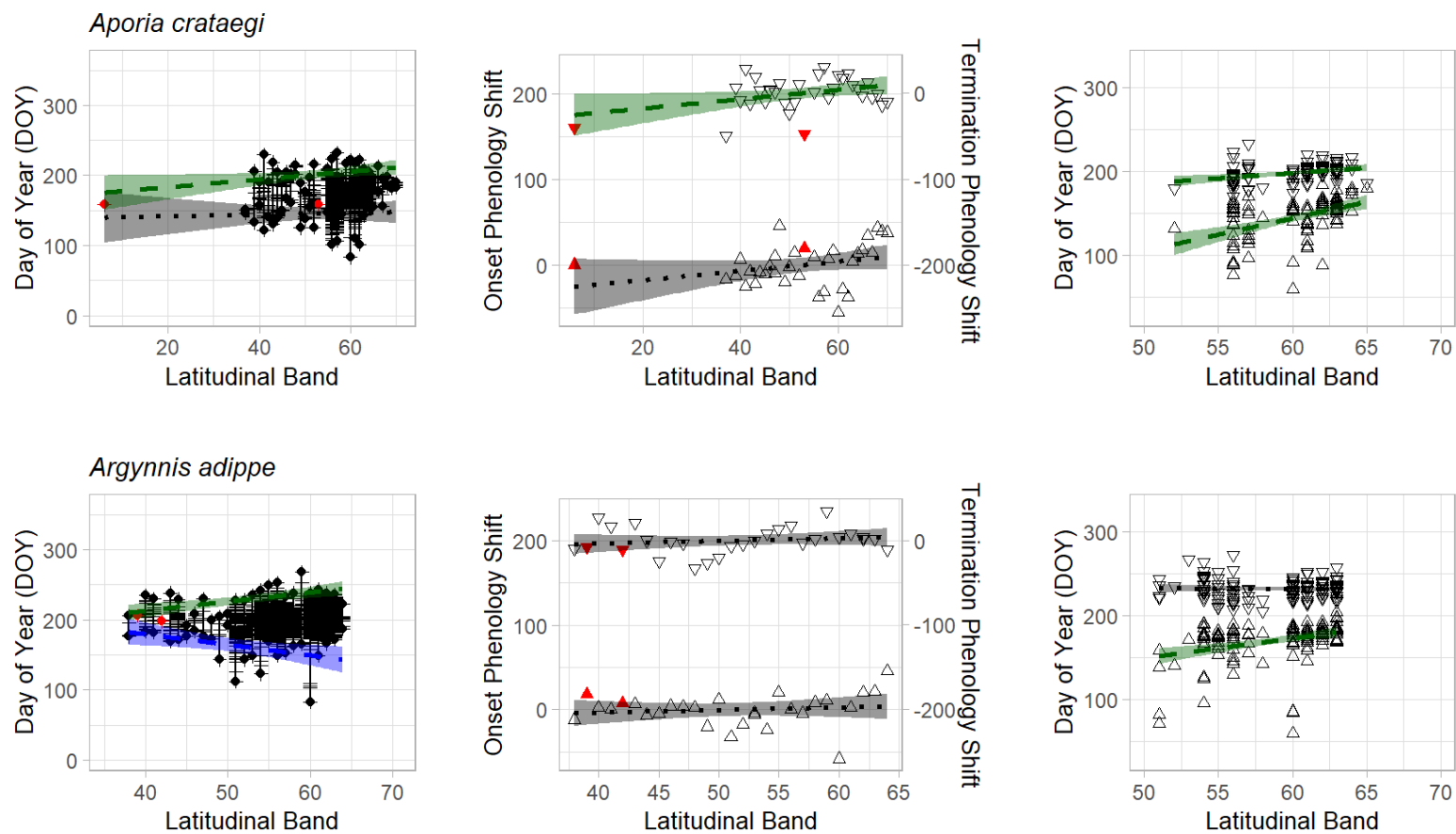
A small break between creating the panels and assmembling Supplemental Figure 1. The chunk below combines the panels into Supplemental Figure 1.

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```



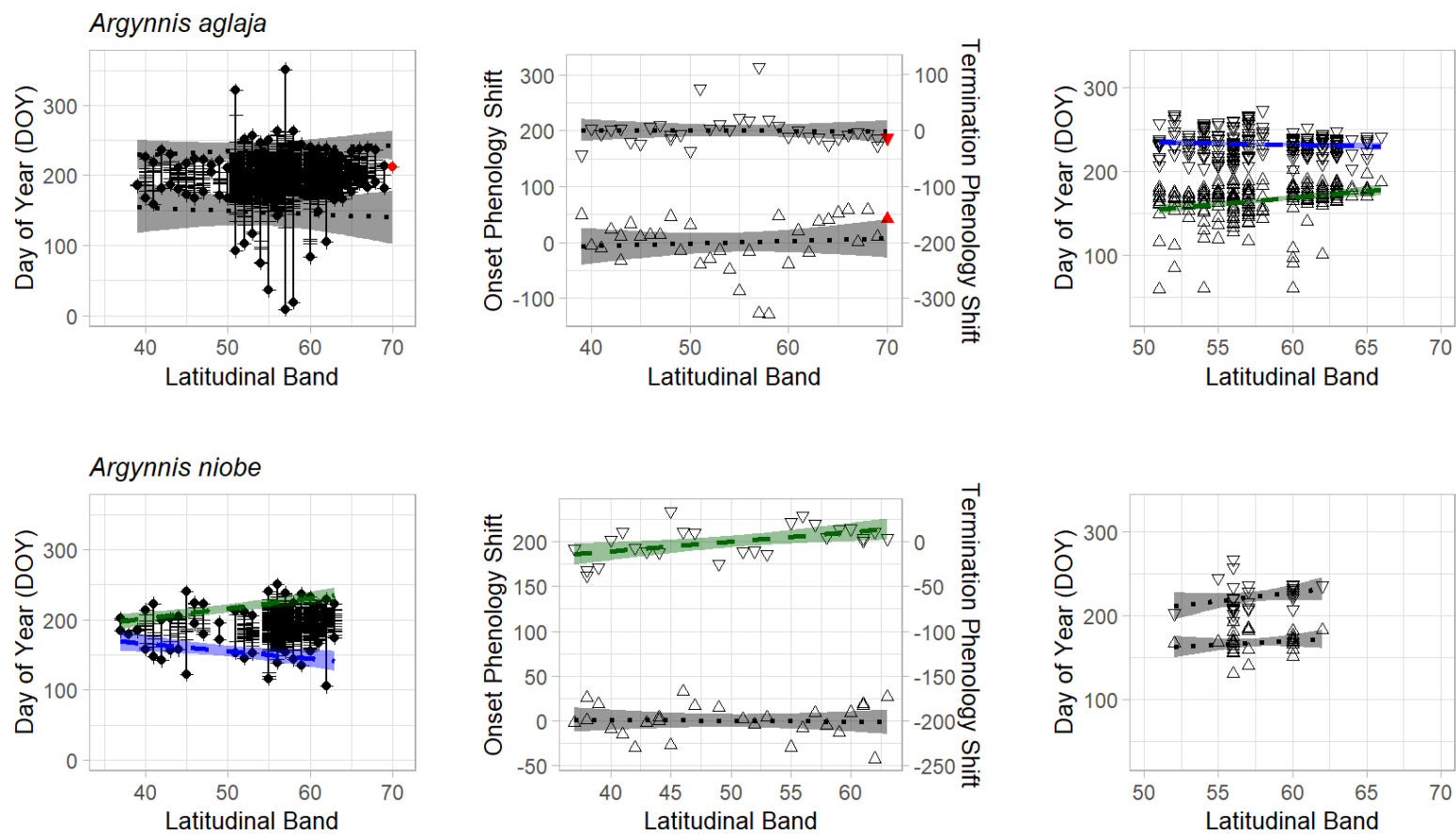
```
## TableGrob (2 x 3) "arrange": 6 grobs
##   z      cells      name      grob
## 1 1 (1-1,1-1) arrange gtable[layout]
## 2 2 (1-1,2-2) arrange gtable[layout]
## 3 3 (1-1,3-3) arrange gtable[layout]
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## 6 6 (2-2,3-3) arrange gtable[layout]
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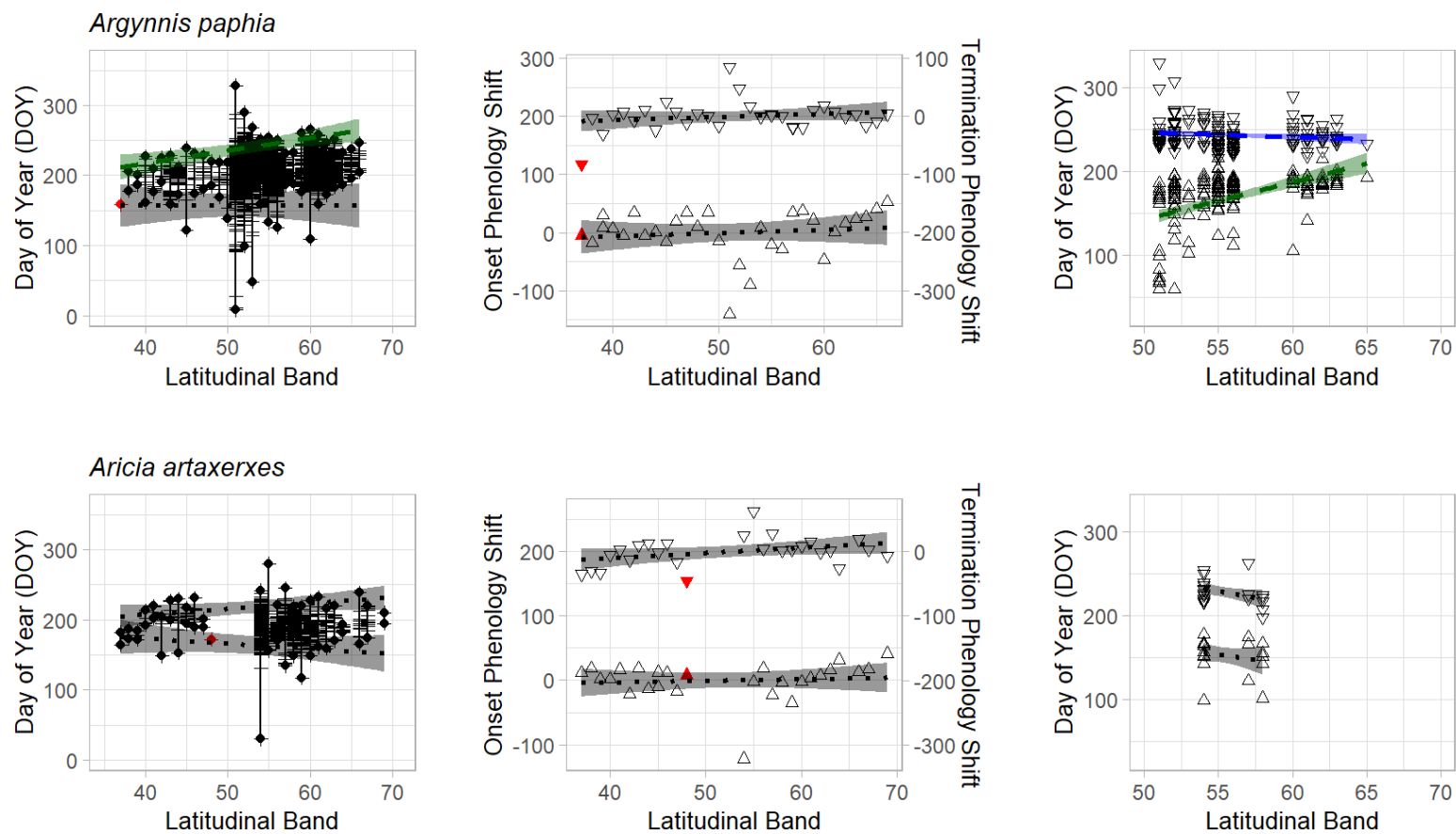
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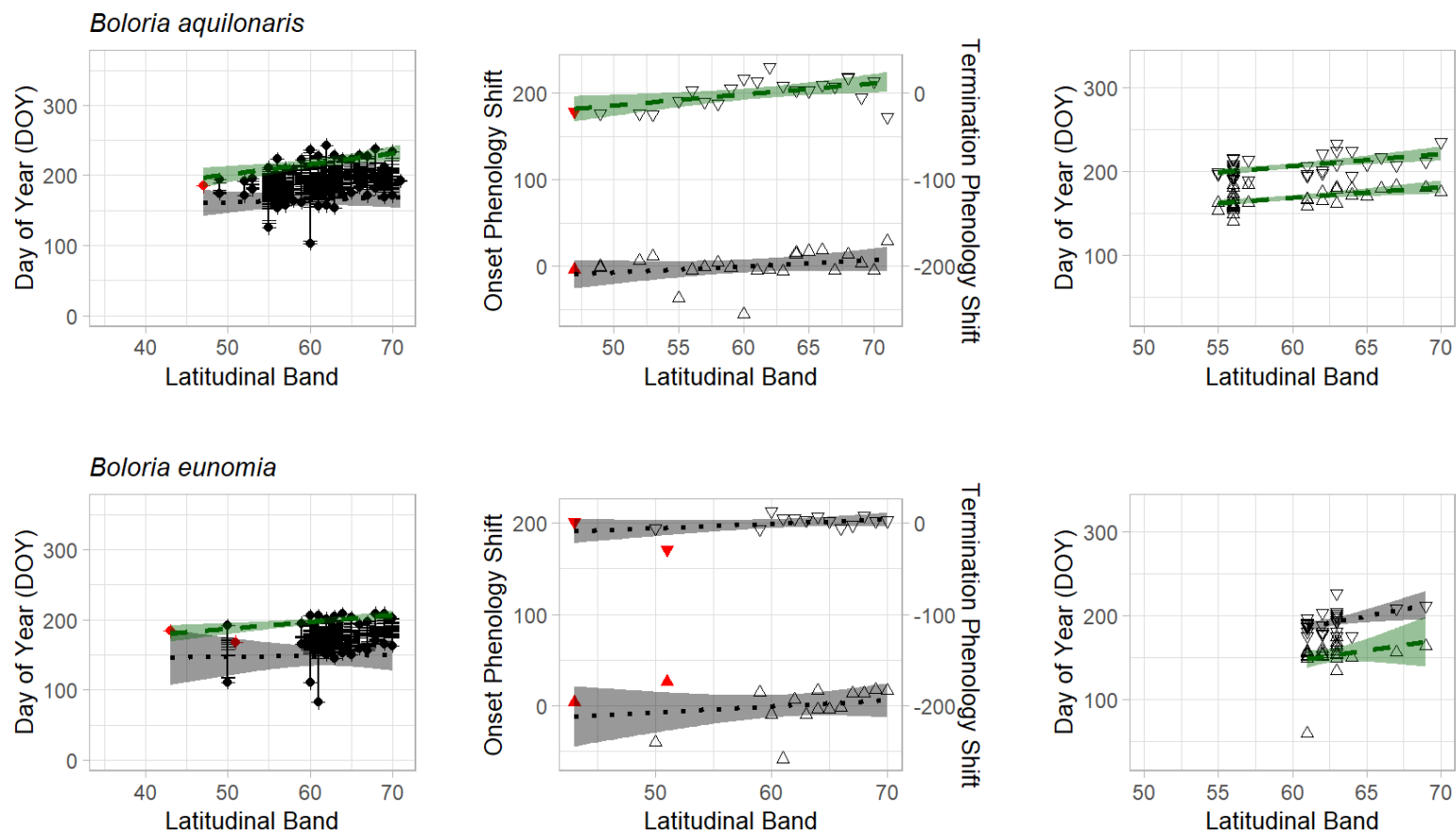

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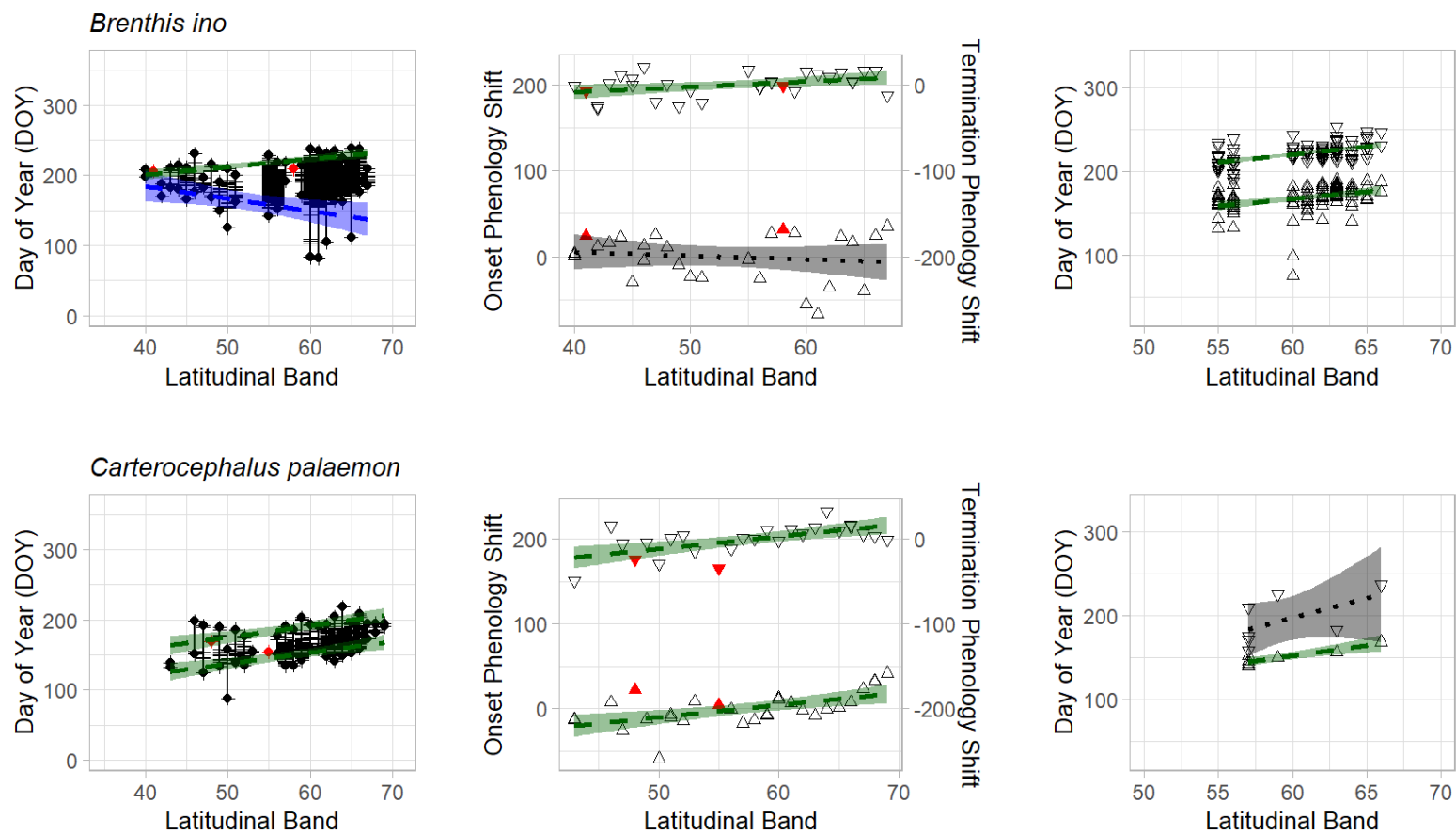
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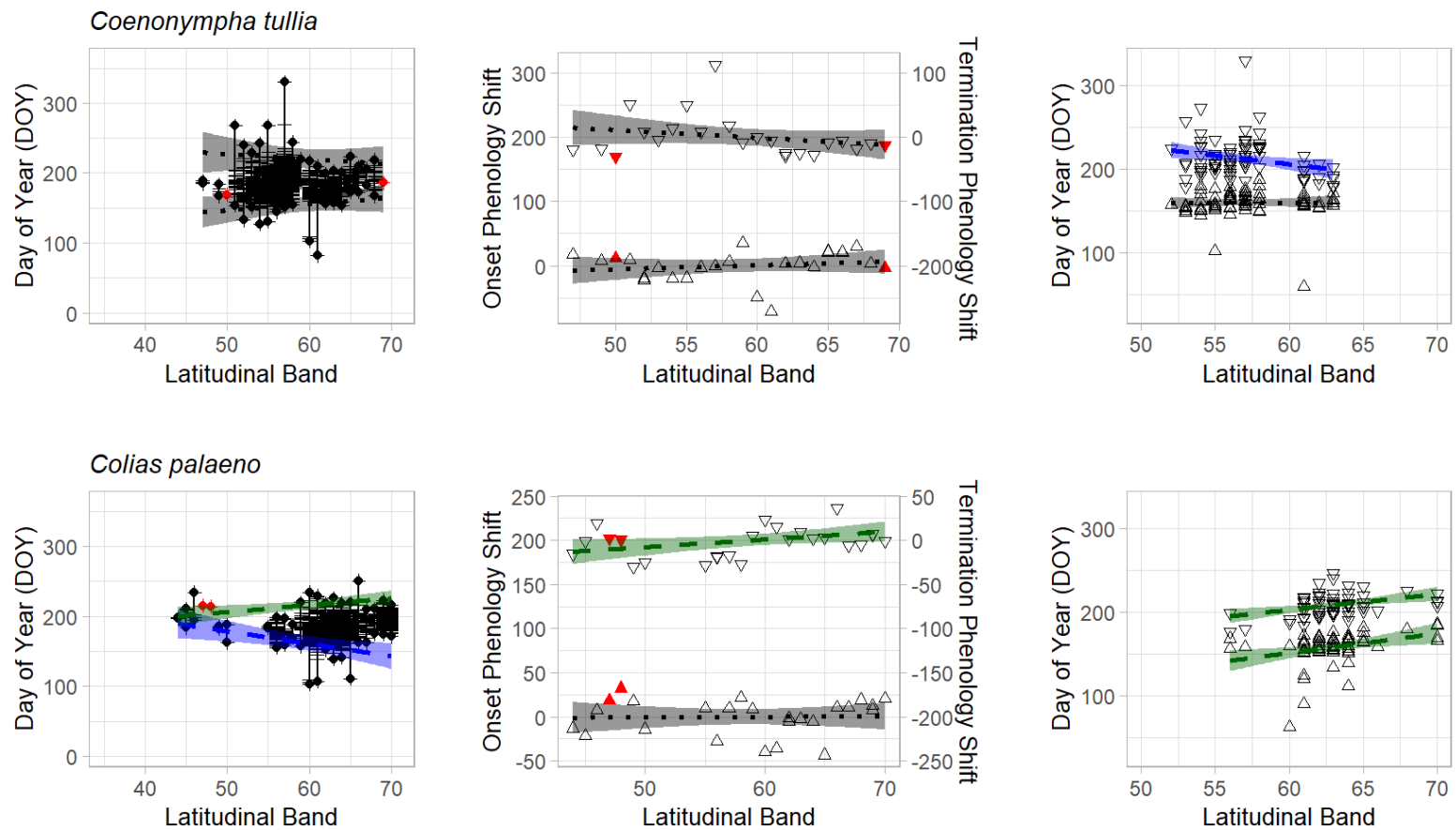
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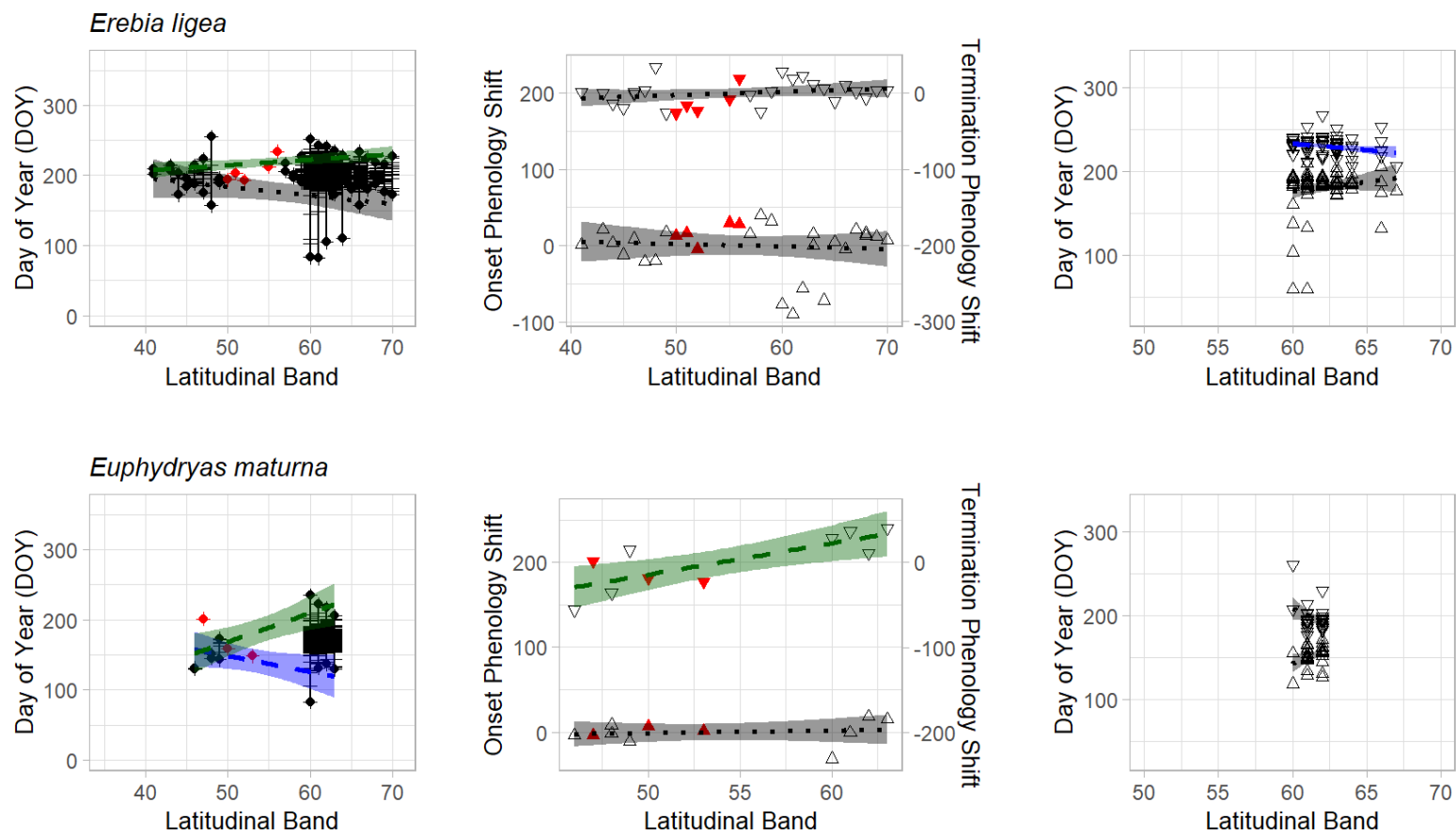
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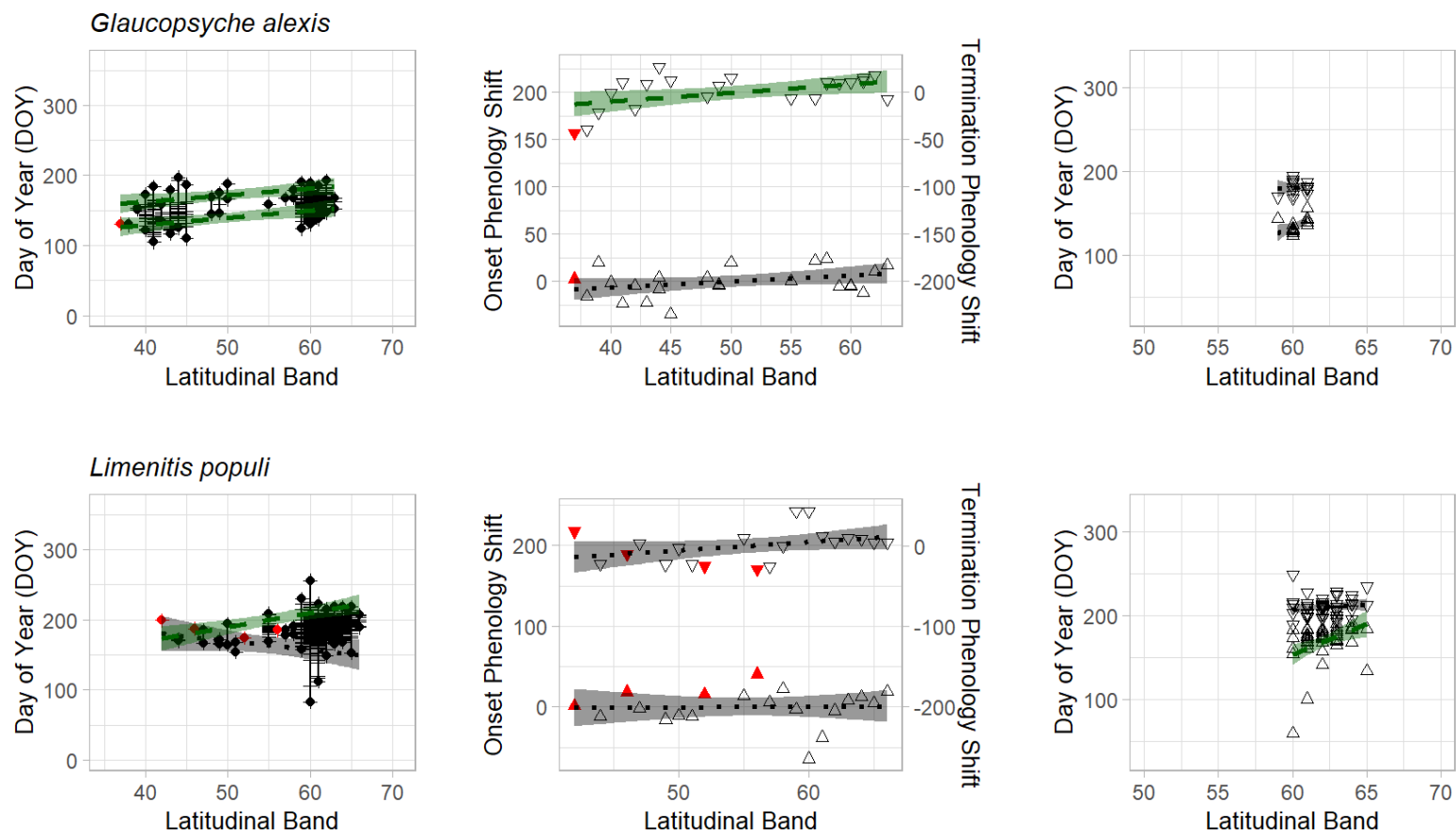

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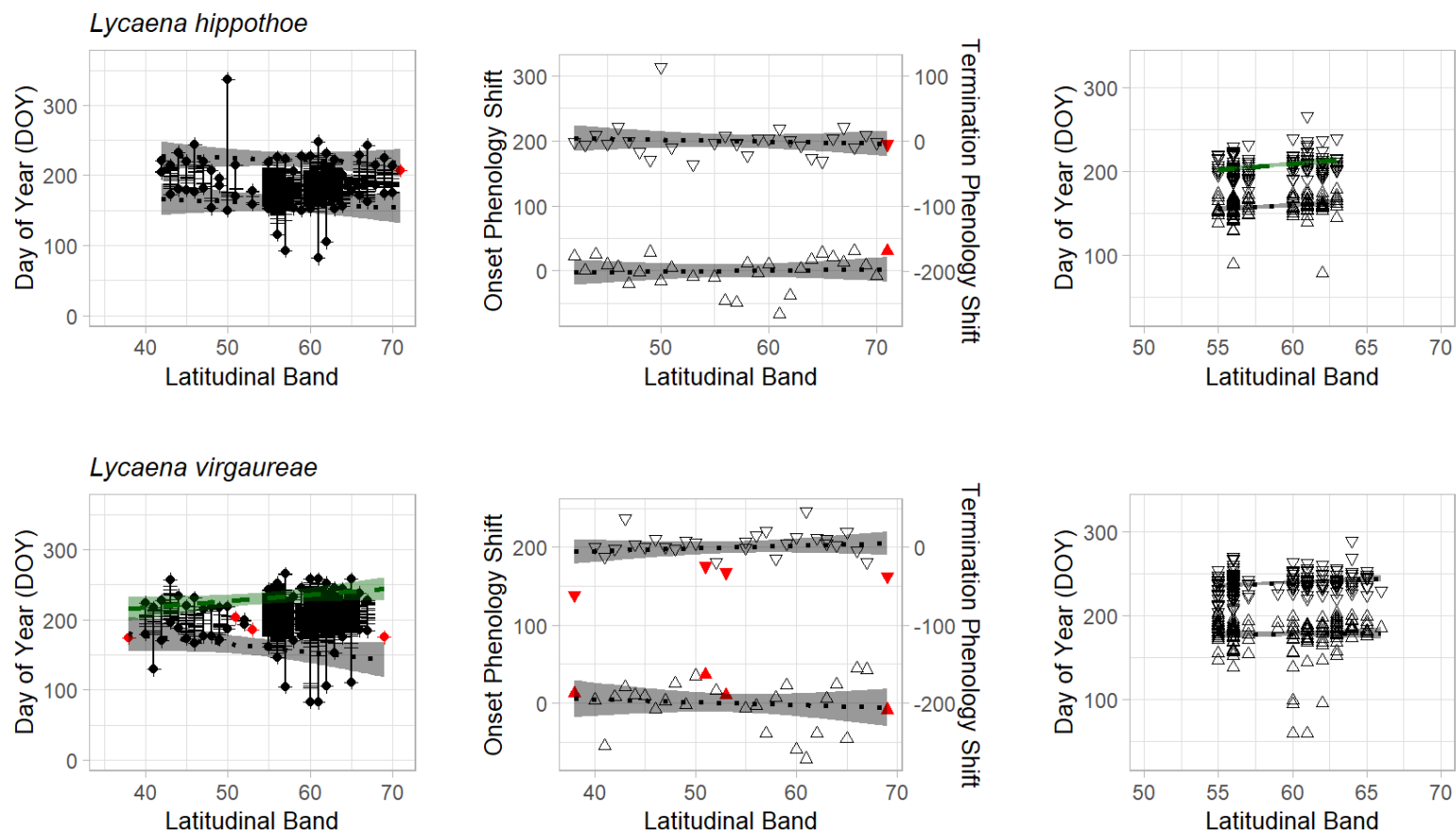
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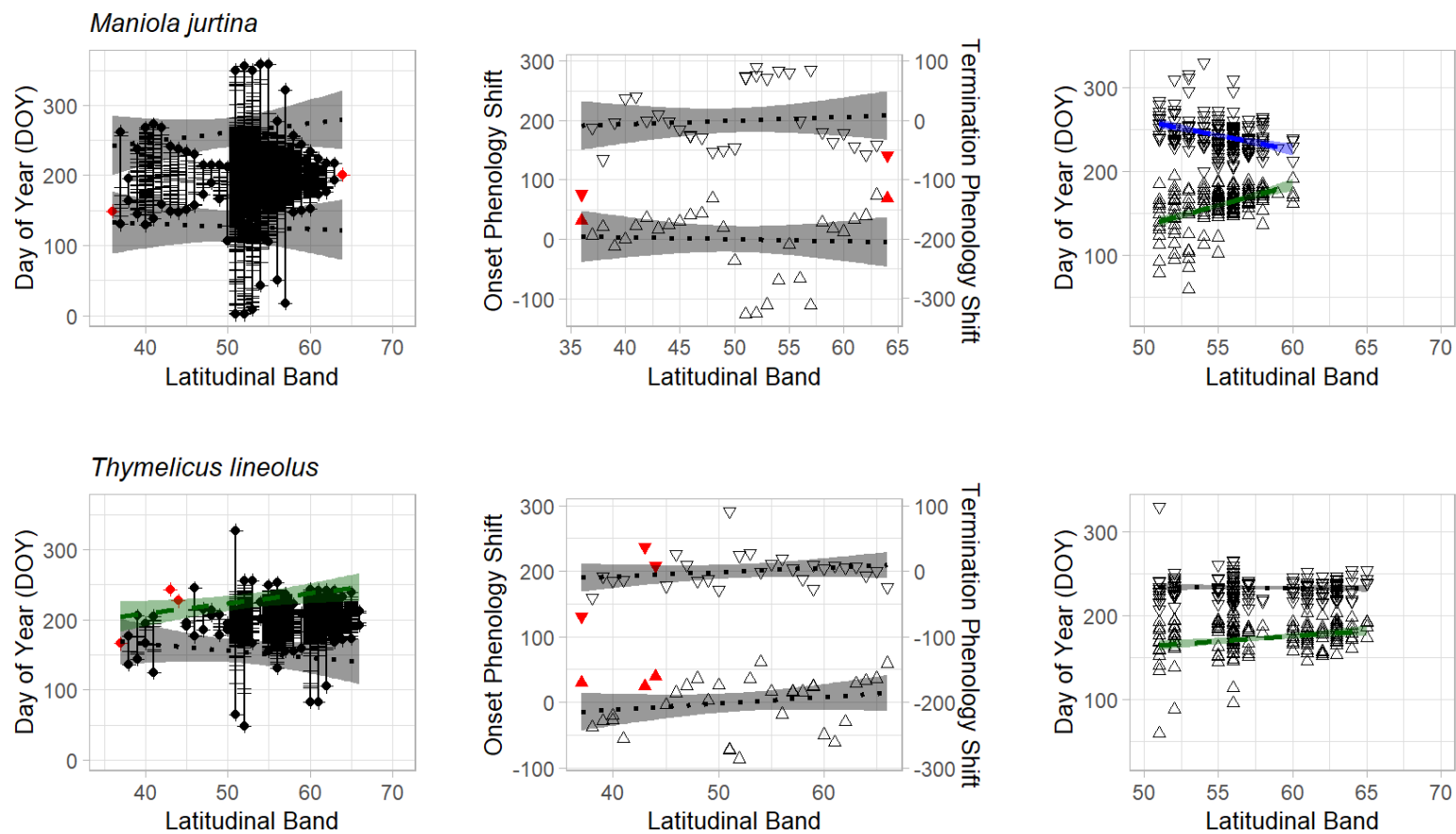
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```

Below is the code used to create Supplemental Figure 1 in R, for documentation.

We hope to add a live link to View Supplemental Figure 1 pdf.

End of file.

Author notes - Future updates should: Remove variables when we're done with them See if we can suppress geom_smooth() messages