Selection on within-individual variation in flowering time in Lathyrus vernus

Distributions and correlations among phenological parameters

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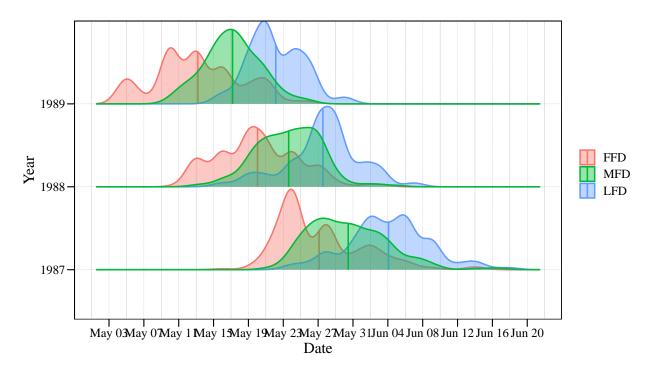
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Read clean data from .csv file

```
data_ids <- read_csv("data/clean/data_ids.csv")
data_ids$imp_seed_preyed <- as.factor(data_ids$imp_seed_preyed)
data_ids$year <- as.factor(data_ids$year)</pre>
```

Distributions of phenological parameters

FFD, MFD and LFD



Correlations among phenological parameters

Session info

```
sessionInfo()
```

```
## R version 4.2.2 (2022-10-31 ucrt)
## Platform: x86_64-w64-mingw32/x64 (64-bit)
## Running under: Windows 10 x64 (build 22621)
## Matrix products: default
##
## locale:
## [1] LC_COLLATE=English_United States.utf8
## [2] LC_CTYPE=English_United States.utf8
## [3] LC_MONETARY=English_United States.utf8
## [4] LC NUMERIC=C
## [5] LC_TIME=English_United States.utf8
## attached base packages:
## [1] stats
             graphics grDevices utils
                                              datasets methods
##
```

```
## other attached packages:
   [1] ggridges_0.5.4
                           ggthemes_4.2.4
                                              RColorBrewer_1.1-3 moments_0.14.1
   [5] lubridate 1.9.0
                                               readxl 1.4.1
                           timechange 0.1.1
                                                                  forcats 0.5.2
  [9] stringr_1.5.0
                           dplyr_1.0.10
                                              purrr_1.0.0
                                                                  readr_2.1.3
## [13] tidyr_1.2.1
                           tibble_3.1.8
                                              ggplot2_3.4.0
                                                                  tidyverse_1.3.2
##
## loaded via a namespace (and not attached):
## [1] assertthat_0.2.1
                            digest_0.6.31
                                                 utf8_1.2.2
##
   [4] R6_2.5.1
                            cellranger_1.1.0
                                                 backports_1.4.1
##
  [7] reprex_2.0.2
                            evaluate_0.19
                                                 highr_0.10
## [10] httr_1.4.4
                            pillar_1.8.1
                                                 rlang_1.0.6
## [13] googlesheets4_1.0.1 rstudioapi_0.14
                                                 rmarkdown_2.19
## [16] googledrive_2.0.0
                            bit_4.0.5
                                                 munsell_0.5.0
## [19] broom_1.0.2
                            compiler_4.2.2
                                                 modelr_0.1.10
## [22] xfun_0.36
                            pkgconfig_2.0.3
                                                 htmltools_0.5.4
## [25] tidyselect_1.2.0
                            fansi_1.0.3
                                                 crayon_1.5.2
## [28] tzdb_0.3.0
                            dbplyr_2.2.1
                                                 withr_2.5.0
## [31] grid 4.2.2
                            jsonlite_1.8.4
                                                 gtable 0.3.1
## [34] lifecycle_1.0.3
                            DBI_1.1.3
                                                 magrittr_2.0.3
## [37] scales 1.2.1
                            cli 3.5.0
                                                 stringi_1.7.8
## [40] vroom_1.6.0
                            farver_2.1.1
                                                 fs_1.5.2
## [43] xml2_1.3.3
                            ellipsis_0.3.2
                                                 generics_0.1.3
## [46] vctrs_0.5.1
                            tools_4.2.2
                                                 bit64_4.0.5
## [49] glue 1.6.2
                            hms_1.1.2
                                                 parallel 4.2.2
## [52] fastmap_1.1.0
                            yaml_2.3.6
                                                 colorspace_2.0-3
## [55] gargle_1.2.1
                            rvest_1.0.3
                                                 knitr_1.41
## [58] haven_2.5.1
```