MODELING EXTREME PRECIPITATION EVENTS
A BACHELOR THESIS FOR THE DEGREE OF
BACHELOR OF SCIENCE

Wintersemester 2022

By

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Contents

Session Info

```
## R version 4.2.2 (2022-10-31 ucrt)

## Platform: x86_64-w64-mingw32/x64 (64-bit)

## Running under: Windows 10 x64 (build 22000)

##

## Matrix products: default

##

## locale:

## [1] LC_COLLATE=German_Germany.utf8  LC_CTYPE=German_Germany.utf8

## [3] LC_MONETARY=German_Germany.utf8 LC_NUMERIC=C

## [5] LC_TIME=German_Germany.utf8

##

## attached base packages:

## [1] stats     graphics  grDevices datasets  utils     methods   base

##

## other attached packages:

##  [1] GADMTools_3.9-1 rgdal_1.6-2    sf_1.0-9        classInt_0.4-8

##  [5] sp_1.5-1        forcats_0.5.2  stringr_1.4.1  dplyr_1.0.10

##  [9] purrr_0.3.5    readr_2.1.3    tidyr_1.2.1    tibble_3.1.8

## [13] ggplot2_3.4.0  tidyverse_1.3.2 pacman_0.5.1

##

## loaded via a namespace (and not attached):

##  [1] httr_1.4.4          jsonlite_1.8.3     modelr_0.1.10

##  [4] assertthat_0.2.1   renv_0.16.0        googlesheets4_1.0.1

##  [7] cellranger_1.1.0   yaml_2.3.6         pillar_1.8.1

## [10] backports_1.4.1    lattice_0.20-45    glue_1.6.2

## [13] digest_0.6.30      rvest_1.0.3        colorspace_2.0-3

## [16] plyr_1.8.8         htmltools_0.5.3    pkgconfig_2.0.3

## [19] ggspatial_1.1.6    broom_1.0.1        haven_2.5.1
```

```
## [22] scales_1.2.1        jpeg_0.1-9            tzdb_0.3.0
## [25] ggmap_3.0.1         timechange_0.1.1     proxy_0.4-27
## [28] googledrive_2.0.0   generics_0.1.3       ellipsis_0.3.2
## [31] withr_2.5.0         cli_3.4.1            magrittr_2.0.3
## [34] crayon_1.5.2        readxl_1.4.1        maptools_1.1-5
## [37] evaluate_0.18       fs_1.5.2            fansi_1.0.3
## [40] xml2_1.3.3          foreign_0.8-83      class_7.3-20
## [43] rosm_0.2.6          tools_4.2.2         RgoogleMaps_1.4.5.3
## [46] hms_1.1.2           gargle_1.2.1        lifecycle_1.0.3
## [49] munsell_0.5.0       reprex_2.0.2        compiler_4.2.2
## [52] e1071_1.7-12        rlang_1.0.6         units_0.8-0
## [55] grid_4.2.2          rstudioapi_0.14     bitops_1.0-7
## [58] rmarkdown_2.18      gtable_0.3.1        DBI_1.1.3
## [61] R6_2.5.1            gridExtra_2.3       lubridate_1.9.0
## [64] knitr_1.40          rgeos_0.5-9         fastmap_1.1.0
## [67] utf8_1.2.2          KernSmooth_2.23-20  stringi_1.7.8
## [70] Rcpp_1.0.9          png_0.1-7           vctrs_0.5.1
## [73] dbplyr_2.2.1        tidyselect_1.2.0    xfun_0.35
```