

**MODELING EXTREME PRECIPITATION EVENTS**

**A THESIS PAPER FOR THE DEGREE OF  
BACHELOR OF SCIENCE**

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By

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# Contents

Session Info

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## 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