Supplement 1. R packages used

* base (R Core Team 2016a)
* auxiliar (Perez-Luque 2017)
* binaryLogic (Dörrhöfer 2016)
* boot (Canty and Ripley 2016)
* broom (Robinson 2016)
* car (Fox and Weisberg 2011)
* checkpoint (Corporation 2017)
* corrplot (Wei and Simko 2016)
* devtools (Wickham and Chang 2017)
* dplR (Bunn et al. 2017)
* dplyr (Wickham et al. 2017a)
* effects (Fox 2003)
* flexdashboard (Allaire 2017)
* ggcorrplot (Kassambara 2016)
* ggplot2 (Wickham 2016a)
* ggrepel (Slowikowski 2017)
* grateful (Rodriguez-Sanchez 2017)
* grid (R Core Team 2016b)
* gridExtra (Auguie 2016)
* gtable (Wickham 2016b)
* here (Müller 2017)
* kableExtra (Zhu 2017)
* knitr (Xie 2017)
* latticeExtra (Sarkar and Andrews 2016)
* leaflet (Cheng et al. 2017)
* loadeR (Group 2017)
* lsmeans (Lenth 2016)
* lubridate (Grolemund and Wickham 2011)
* MASS (Venables and Ripley 2002)
* multcomp (Hothorn et al. 2008)
* pander (Daróczi and Tsegelskyi 2015)
* patchwork (Pedersen 2017)
* plotly (Sievert et al. 2016)
* plyr (Wickham 2011)
* purrr (Henry and Wickham 2017)
* raster (Hijmans 2017)
* rasterVis (Perpiñán and Hijmans 2016)
* rcompanion (Mangiafico 2017)
* RCurl (Lang and CRAN team 2016)
* readr (Wickham et al. 2017b)
* reshape2 (Wickham 2007)
* rgdal (Bivand et al. 2016)
* rgeos (Bivand and Rundel 2017)
* rowr (Varrichio 2016)
* scales (Wickham 2017a)
* sp (Pebesma and Bivand 2005)
* SPEI (Beguería and Vicente-Serrano 2017)
* stats (R Core Team 2016c)
* stringr (Wickham 2017b)
* tidyverse (Wickham 2017c)
* TRADER (Jan et al. 2014)
* transformeR (Bedia and Iturbide 2017)
* treeclim (**???**)
* trend (Pohlert 2017)
* WRS2 (Mair et al. 2017)
* XML (Lang and CRAN Team 2017)
* zoo (Zeileis and Grothendieck 2005)

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