

Understanding **surfers** through **twitter** (with **R**)

6th French R meeting | Anglet 2017
Yan Holtz, [@R_Graph_Gallery](#)





Twitter Developers

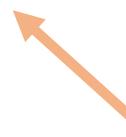


library(twitteR)



for(i in seq(1,365)){

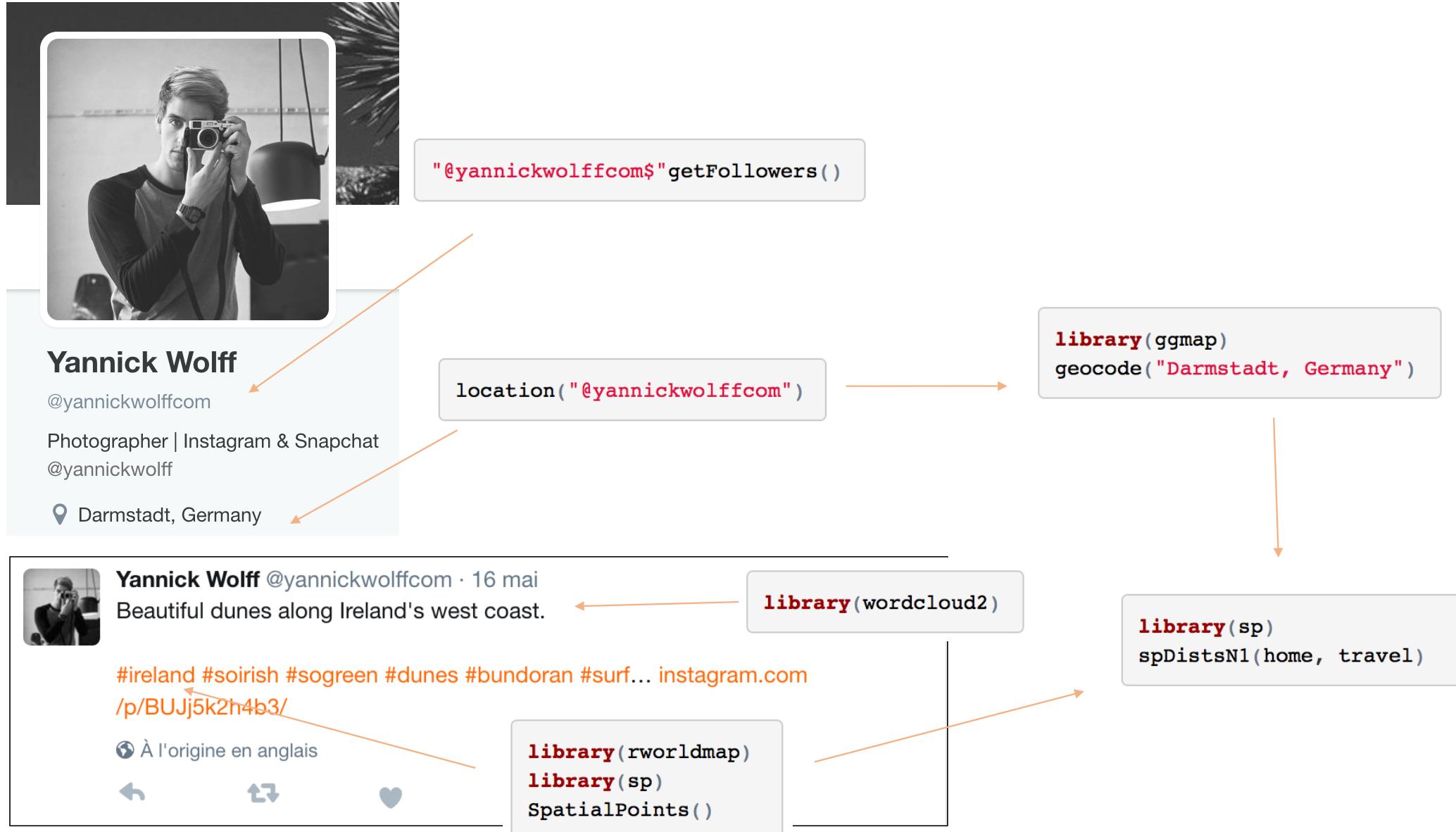
searchTwitter("#surf")



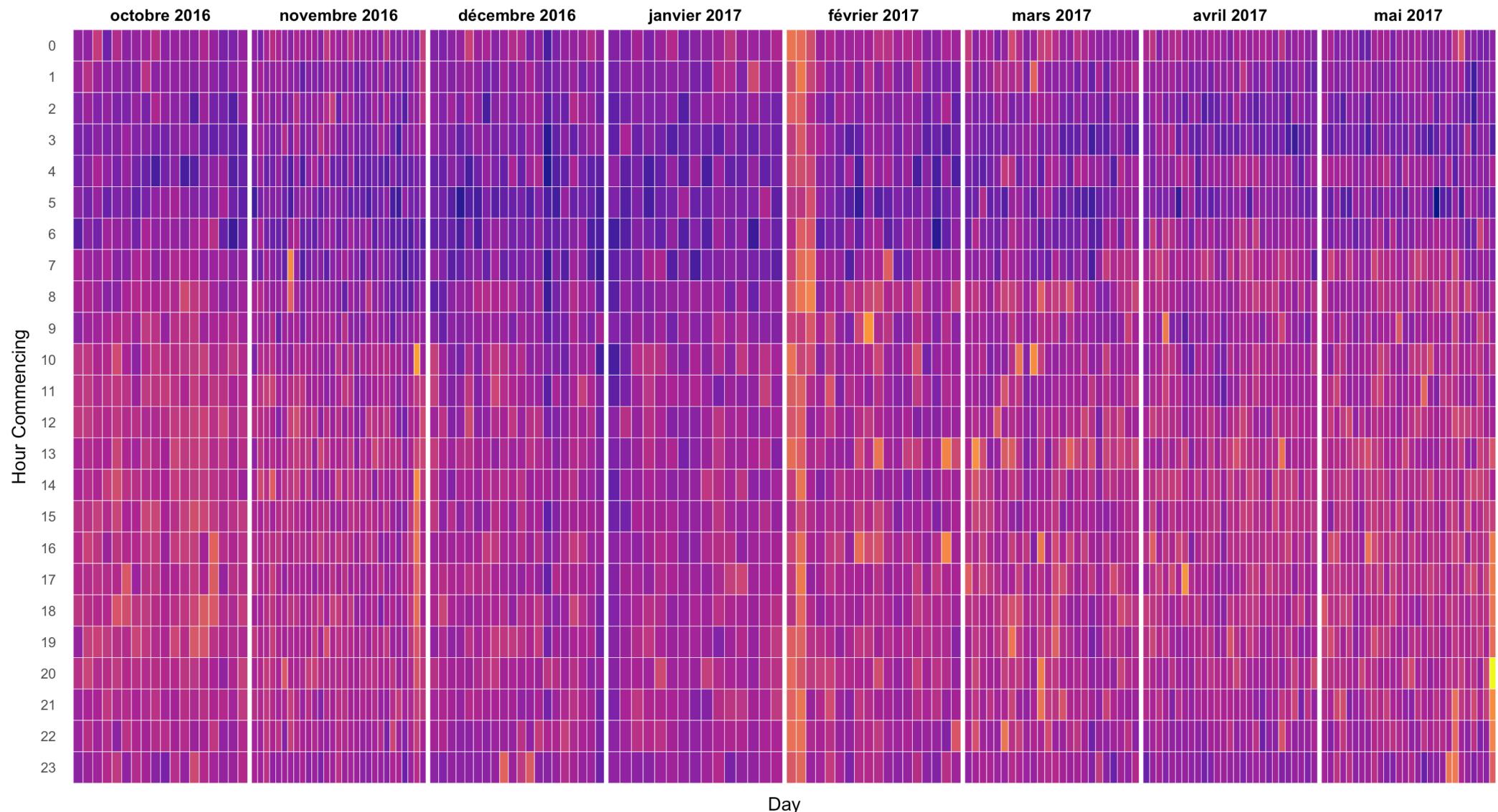
Sys.sleep(86380)

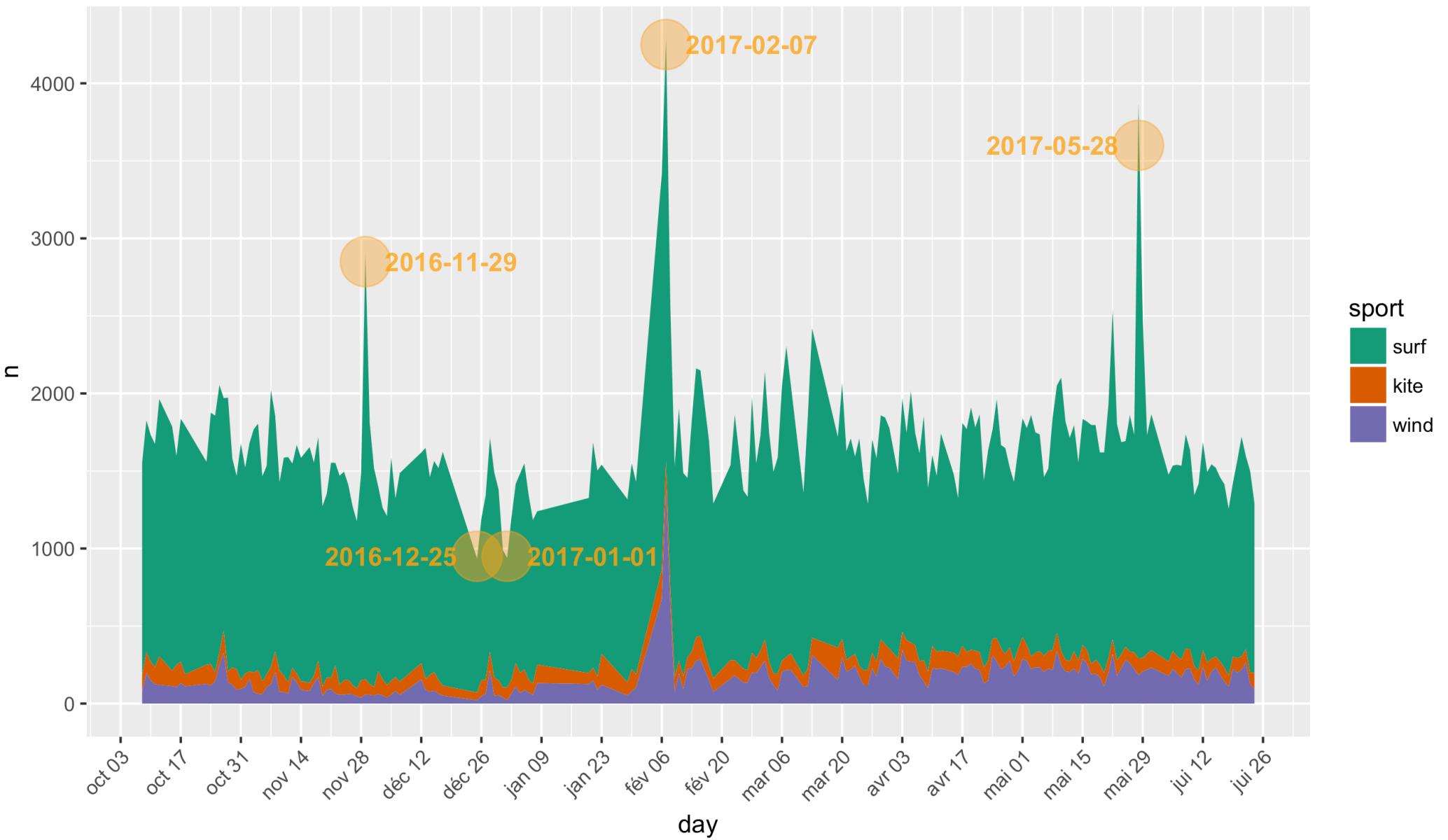
Get additional information





Hourly #surf tweet number



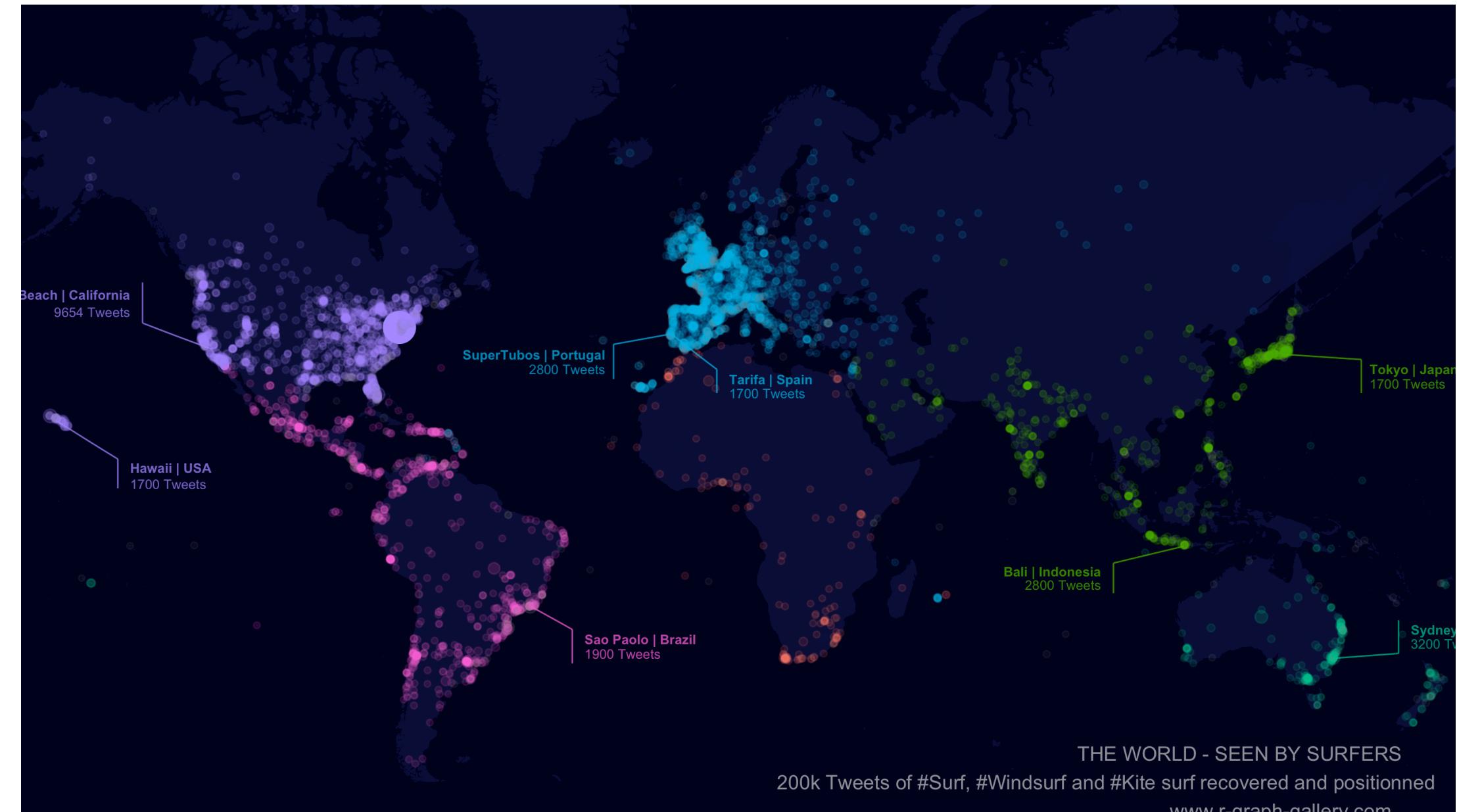


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Where #SURFERS travel

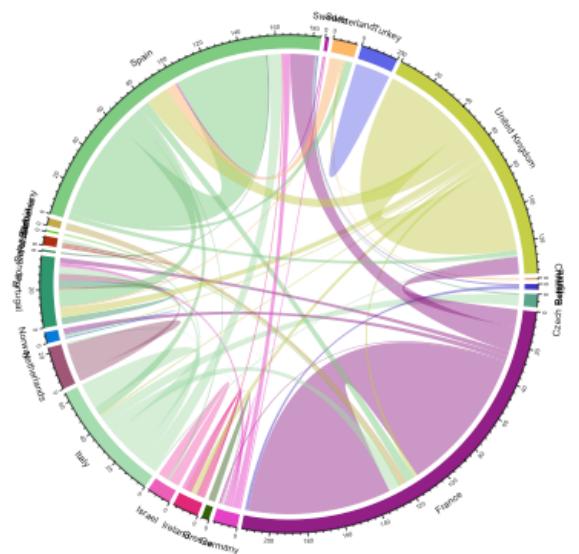
300k #Surf tweets recovered by

@R_Graph_Gallery

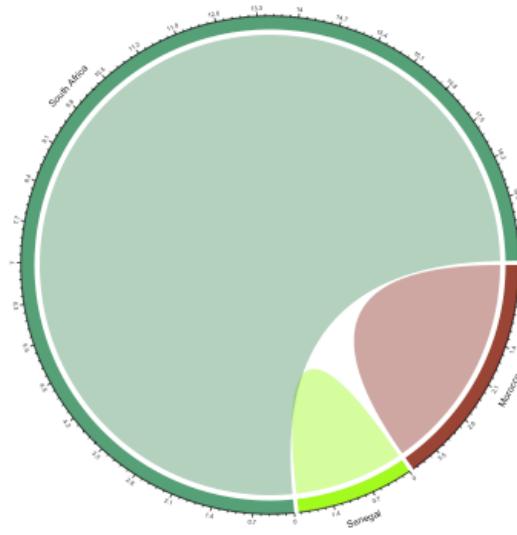
#Surfer flows between continents

300k tweets recovered by
@R_Graph_Gallery and visualized with [R](#)
and the [circlize library](#).

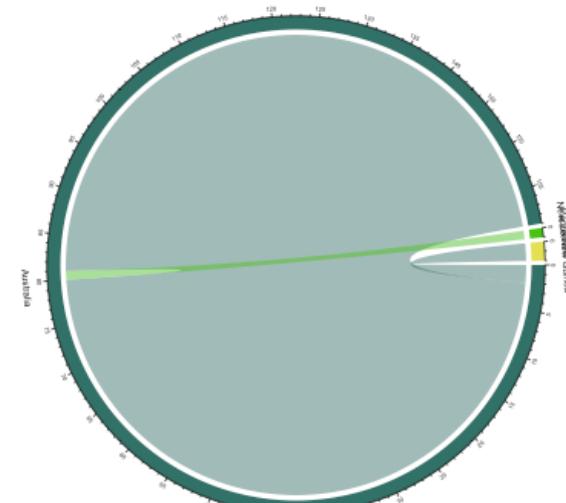




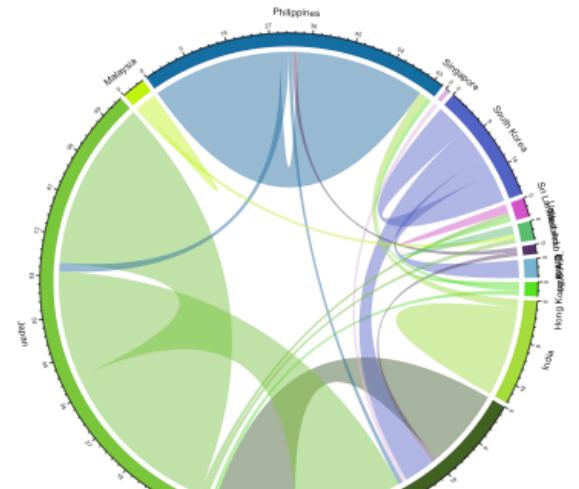
Europe



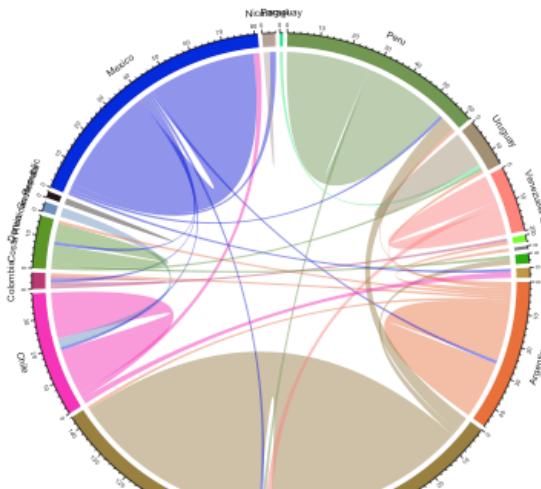
Africa



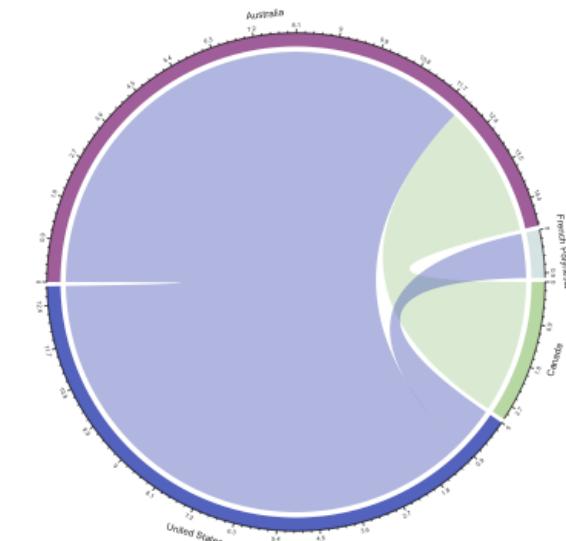
Antarctica



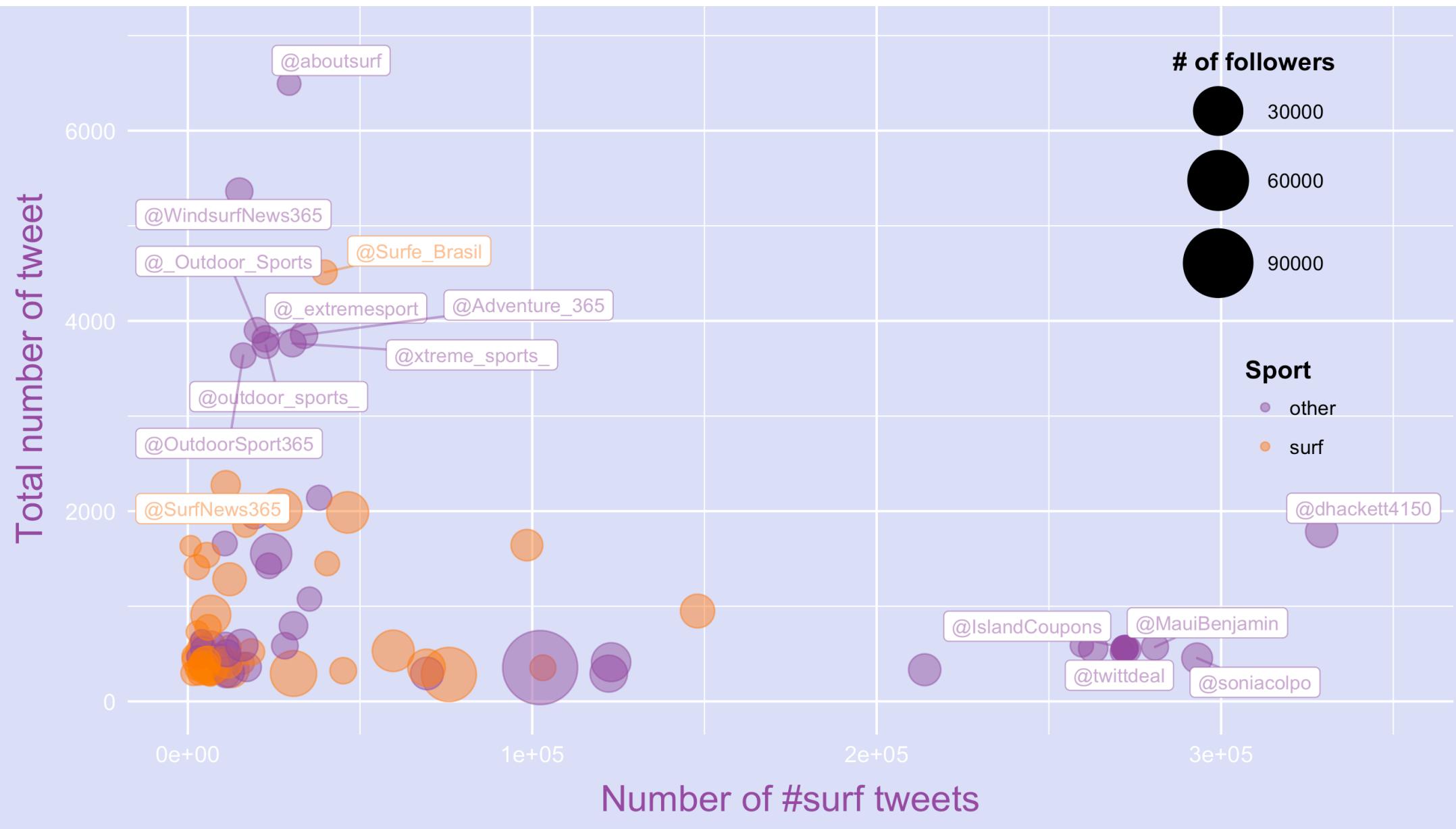
Asia

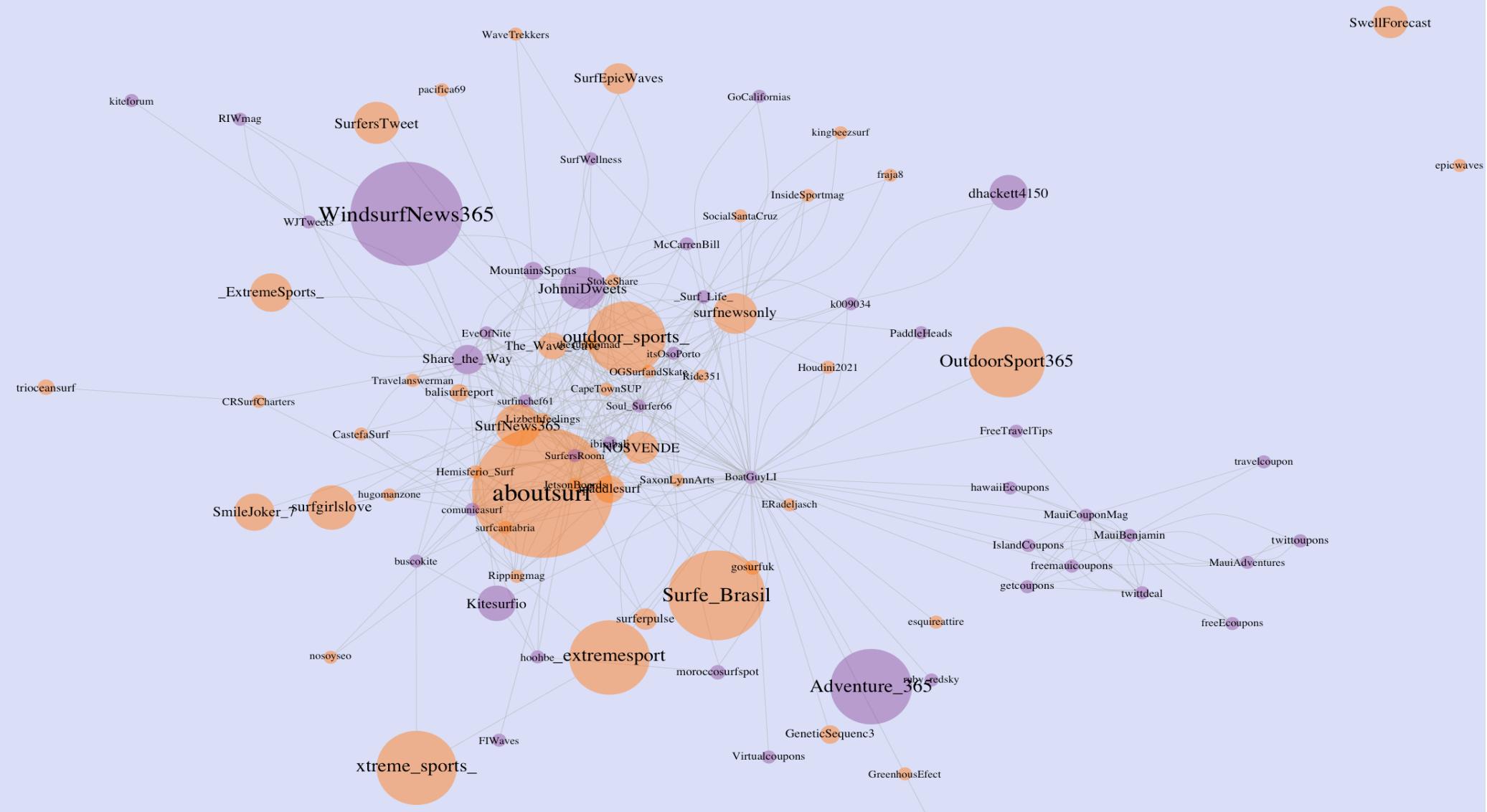


South America



North America





Take Home Message

- R is amazing for parsing tweeter
- Limits: API rates / Twt not use in the whole world / wifi is not everywhere!
- Code: github.com/holtzy
- Explanation: r-graph-gallery.com
- Contact: yan.holtz.data@gmail.com

