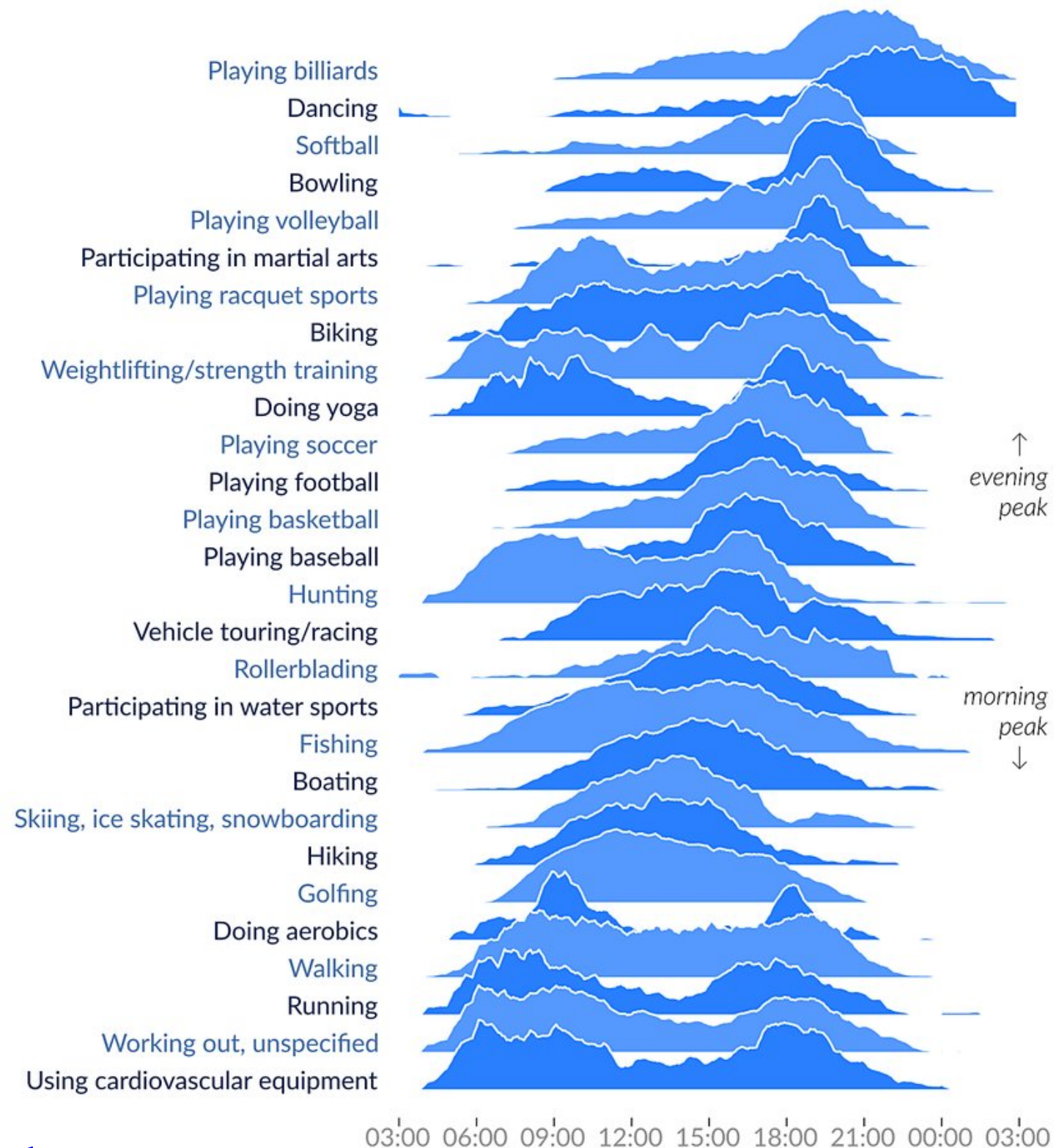# Continuous Variables:

RIDGELINE PLOTS

Ridgeline plot

Peak time of day for sports and leisure

Number of participants throughout the day compared to peak popularity.
Note the morning-and-evening everyday workouts, the midday hobbies,
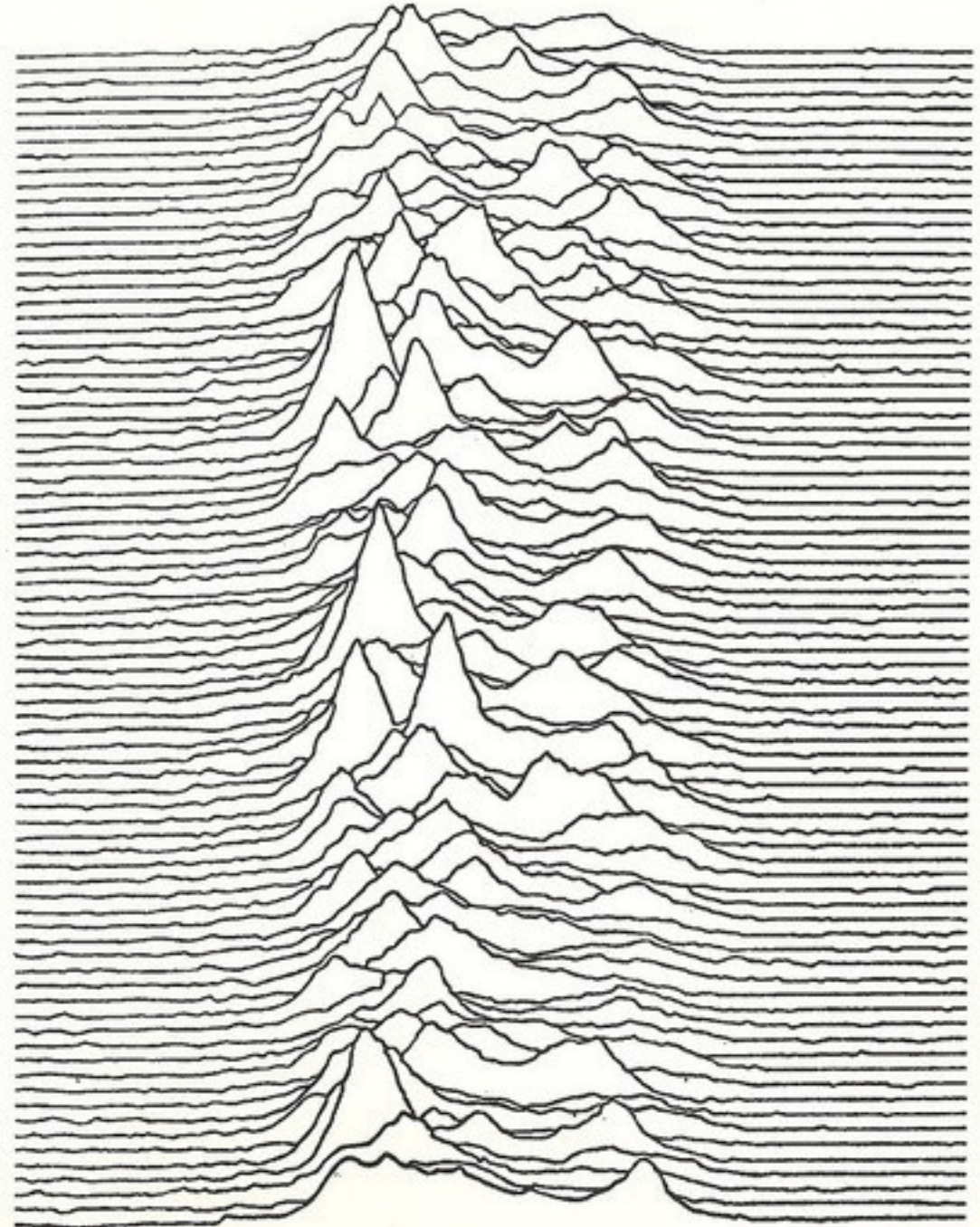and the evenings/late nights out.

Playing billiards
Dancing
Softball
Bowling
Playing volleyball
Participating in martial arts
Playing racquet sports
Biking
Weightlifting/strength training
Doing yoga
Playing soccer
Playing football
Playing basketball
Playing baseball
Hunting
Vehicle touring/racing
Rollerblading
Participating in water sports
Fishing
Boating
Skiing, ice skating, snowboarding
Hiking
Golfing
Doing aerobics
Walking
Running
Working out, unspecified
Using cardiovascular equipment

↑
evening
peak

morning
peak
↓

03:00 06:00 09:00 12:00 15:00 18:00 21:00 00:00 03:00

@hnrklndbrg | Source: American Time Use Survey

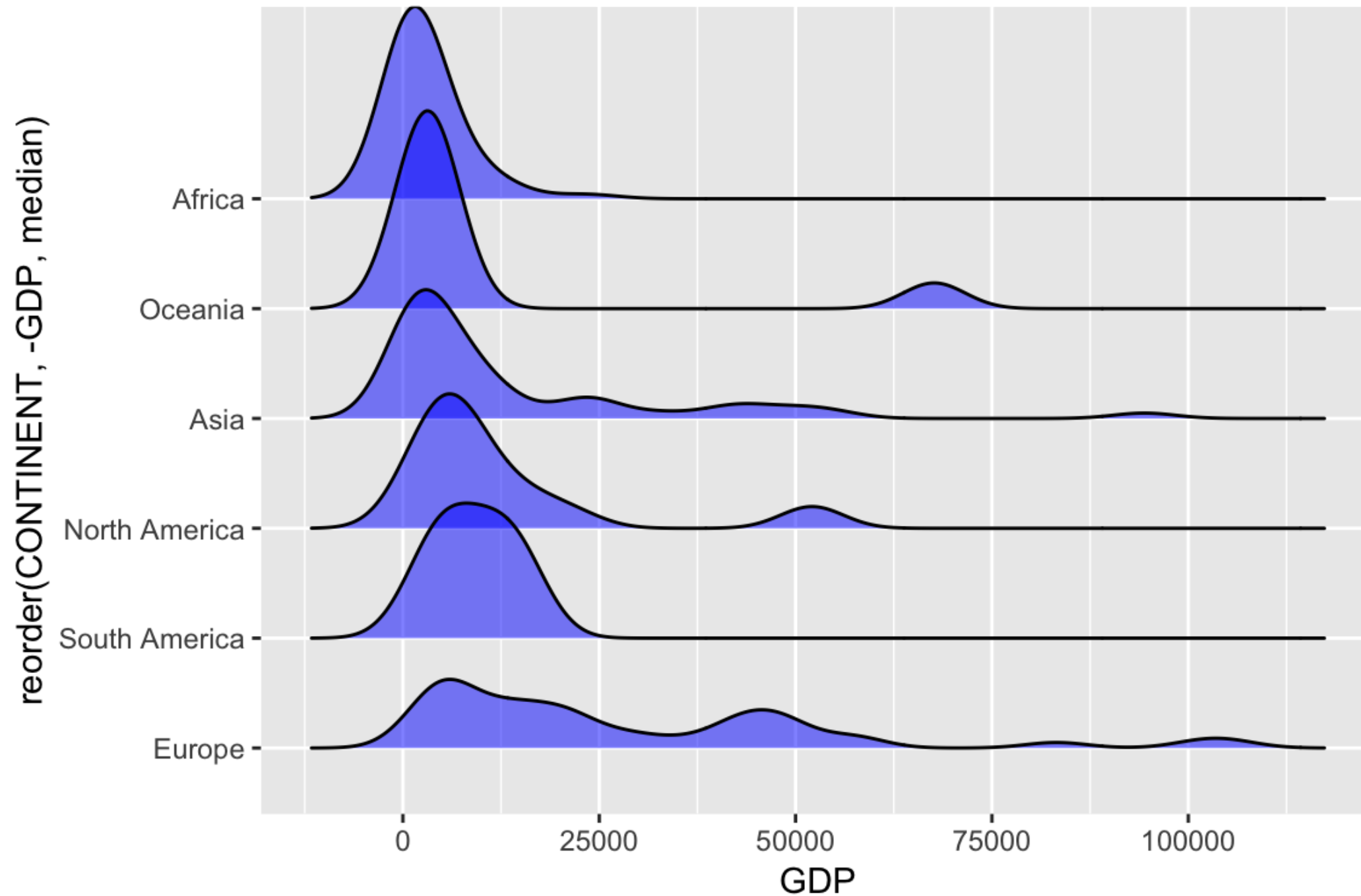https://eagereyes.org/blog/2017/joy-plots

Inspiration

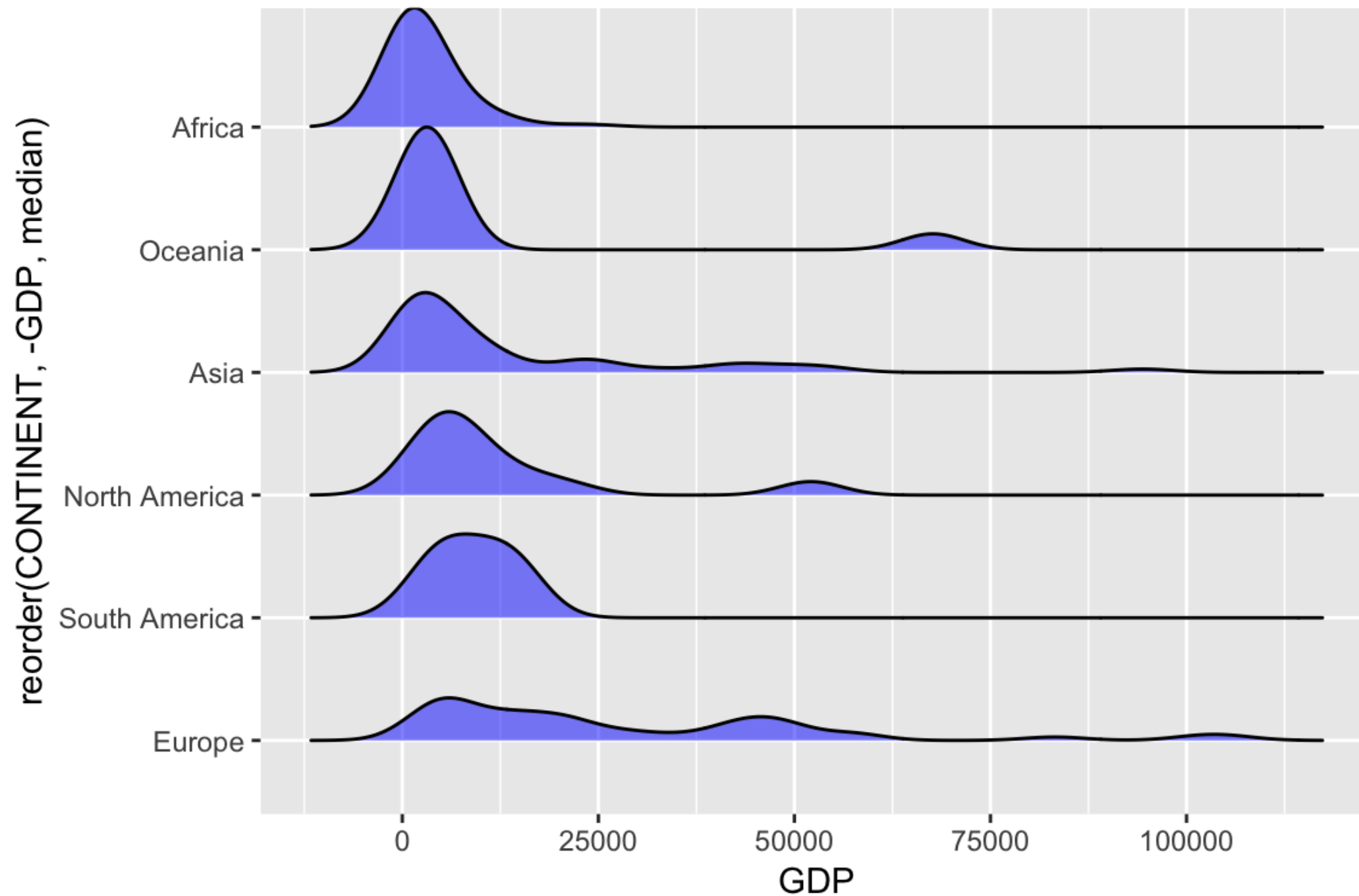## Jocelyn Bell discovers radio pulsars, 1967

6.7: *Successive pulses from the first pulsar discovered, CP 1919, are here superimposed vertically. The pulses occur every 1.337 seconds. They are caused by a rapidly-spinning neutron star.*

Ridgeline plot

Ridgeline plot, change scale

ggridges

GitHub   Twitter: @ClausWilke

https://github.com/clauswilke/ggridges

CRAN

https://cran.R-project.org/package=ggridges

Package vignette(s)

https://cran.r-project.org/web/packages/ggridges/vignettes/introduction.html

https://cran.r-project.org/web/packages/ggridges/vignettes/gallery.html

Lab 2: Ridgeline plots

1) Go to:

https://github.com/jtr13/BRL-workshops

2) Download ZIP

3) Open:

3-Ridgeline.Rmd

in the

labs/ folder