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mapview

<https://github.com/r-spatial/mapview>

interactive viewing
of spatial objects

Tim Appelhans, Florian Detsch, Chris Reudenbach, Stefan Wöllauer



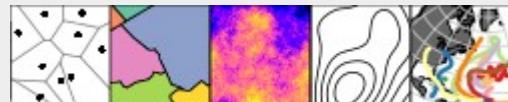
tim-salabim



@TimSalabim3



tim.appelhans@gmail.com



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plot(breweries)

brewery



address



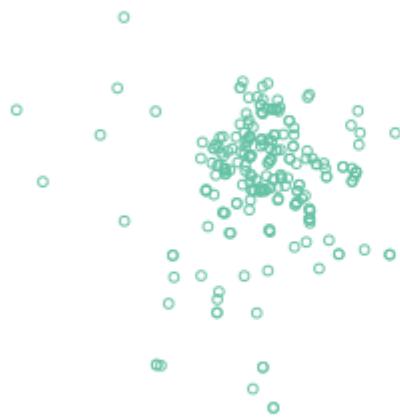
zipcode



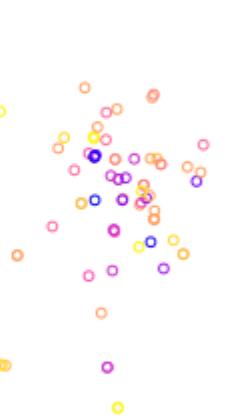
village



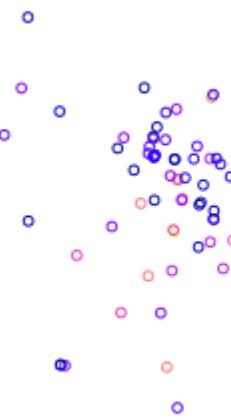
state



founded

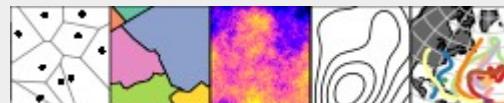


number.of.types



number.seasonal.beers

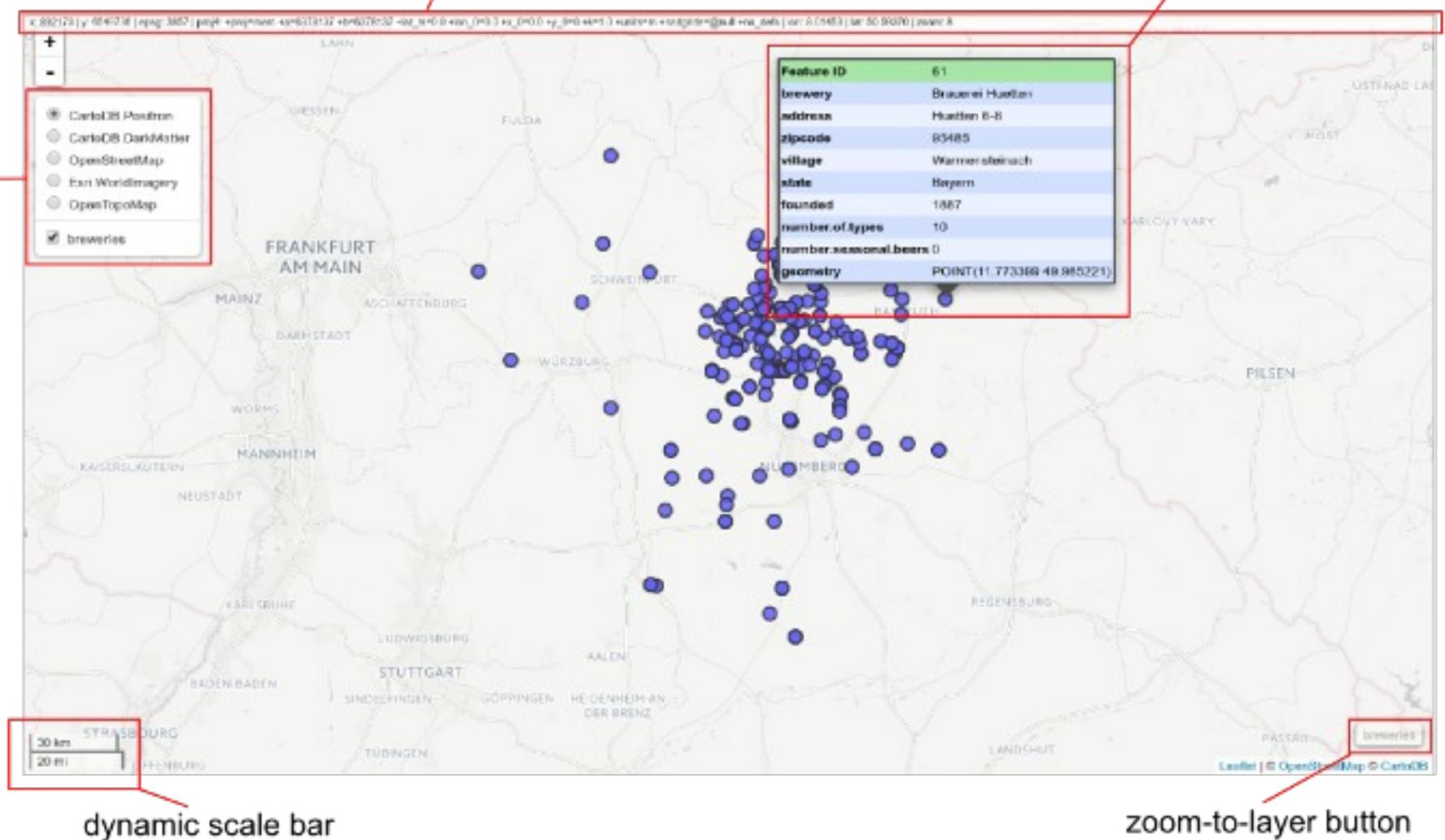




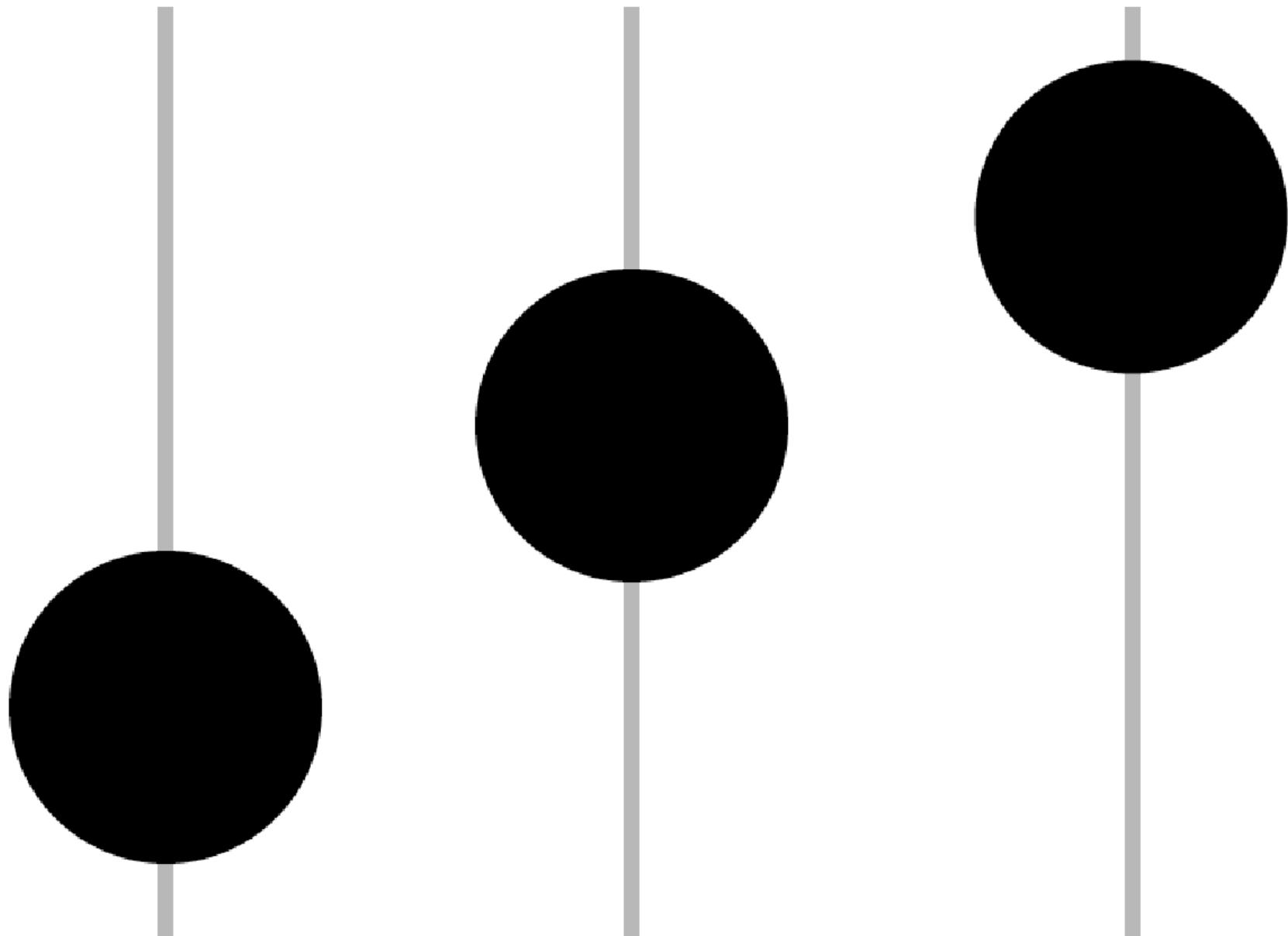
mapview(breweries)

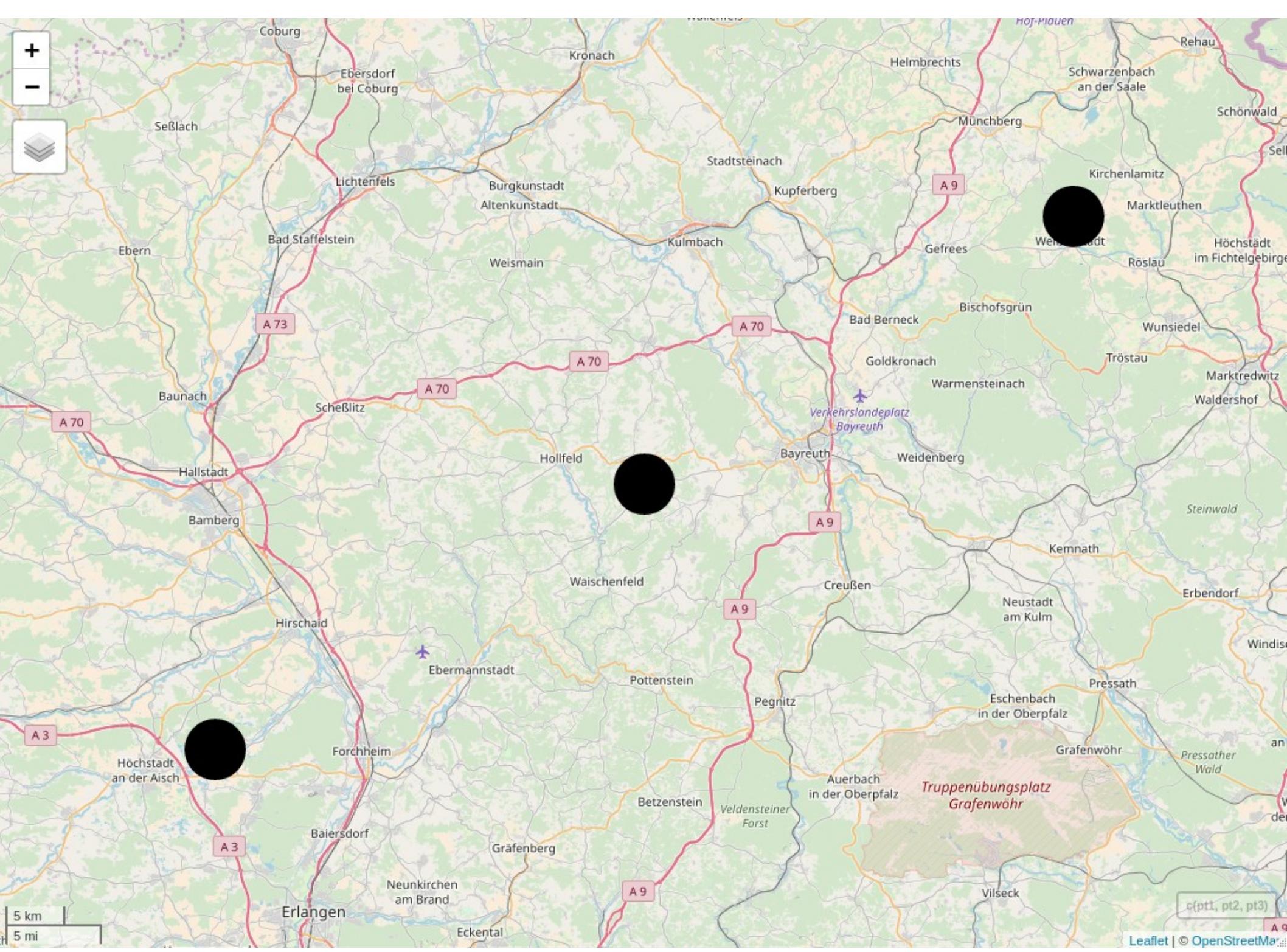
toggle
background
maps and
overlay layers

mouse cursor and layer projection information

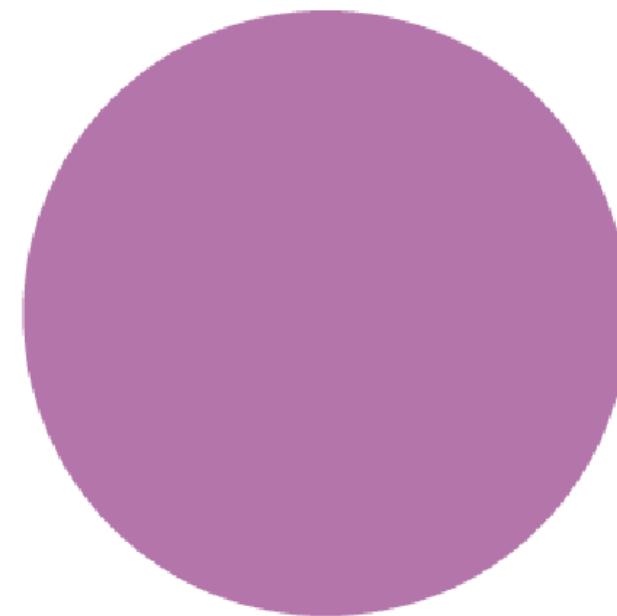
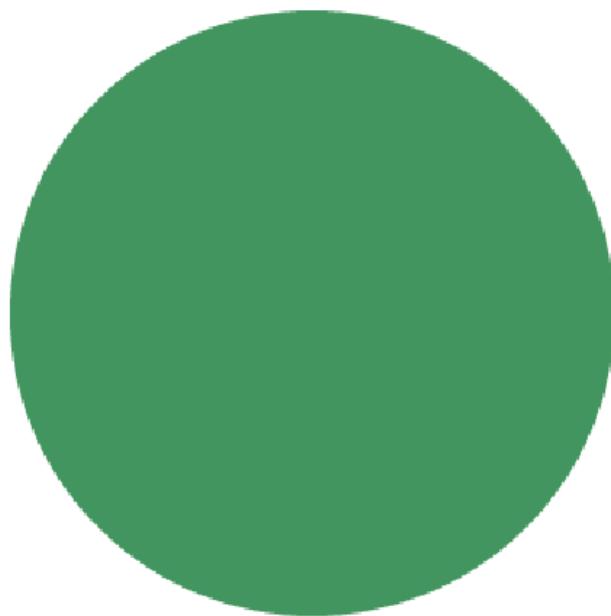


Which represents the larger value?

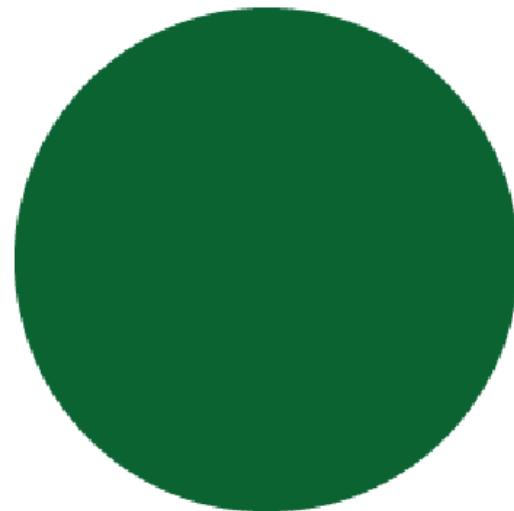
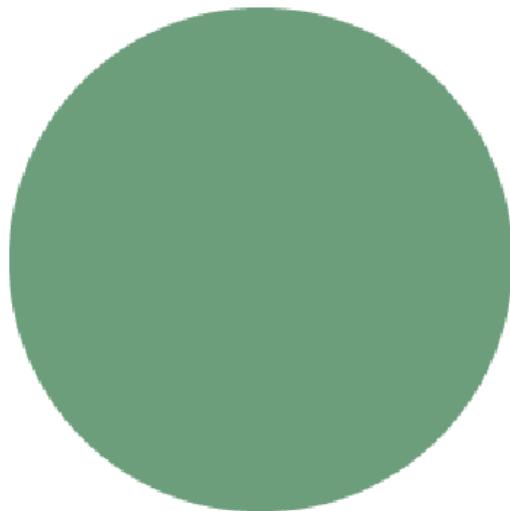
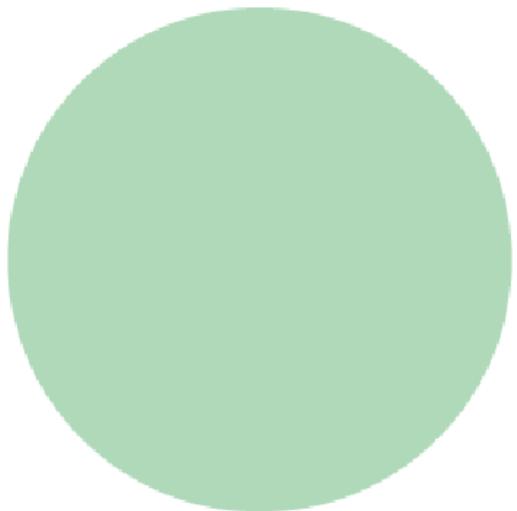




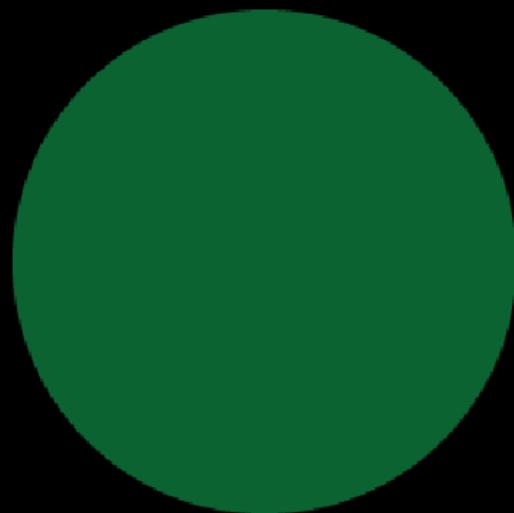
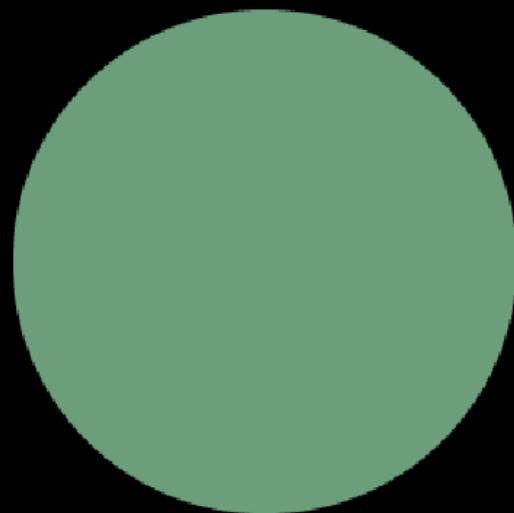
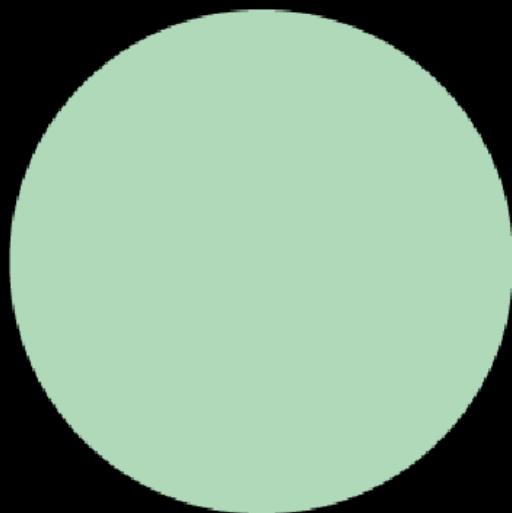
Which represents the larger value?



Which represents the larger value?



Which represents the larger value?



Sequential:

ordinal / differential / rational

Diverging:

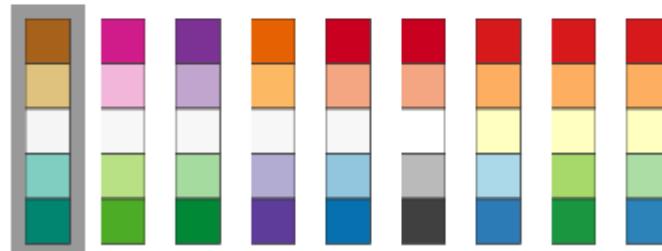
ordinal / differential / rational

Nature of your data:

sequential diverging qualitative



Pick a color scheme:



Qualitative:

nominal

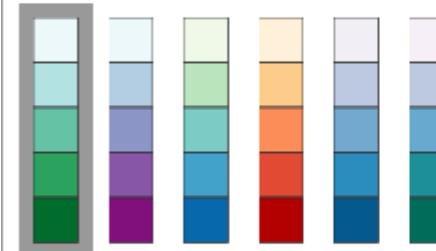
Nature of your data:

sequential diverging qualitative

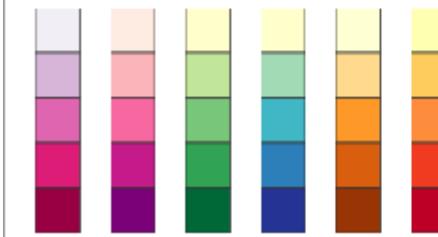
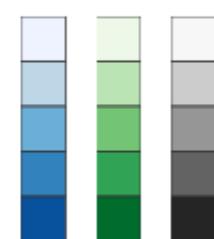


Pick a color scheme:

Multi-hue:



Single hue:

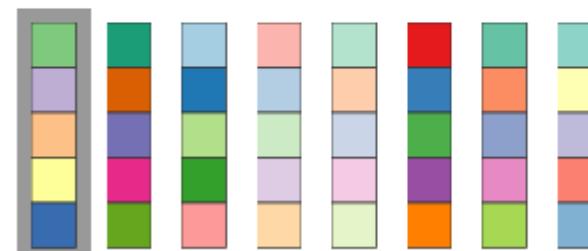


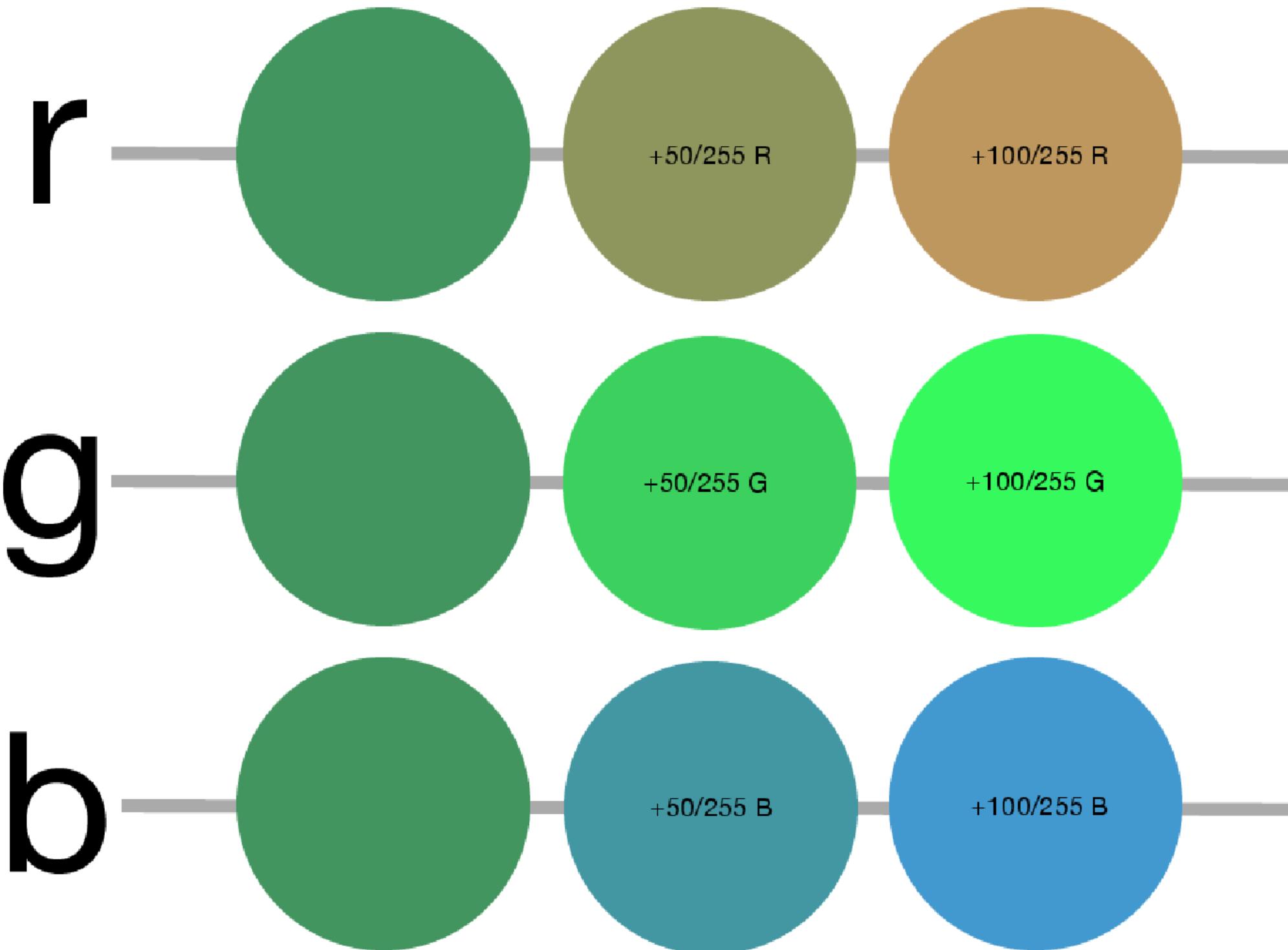
Nature of your data:

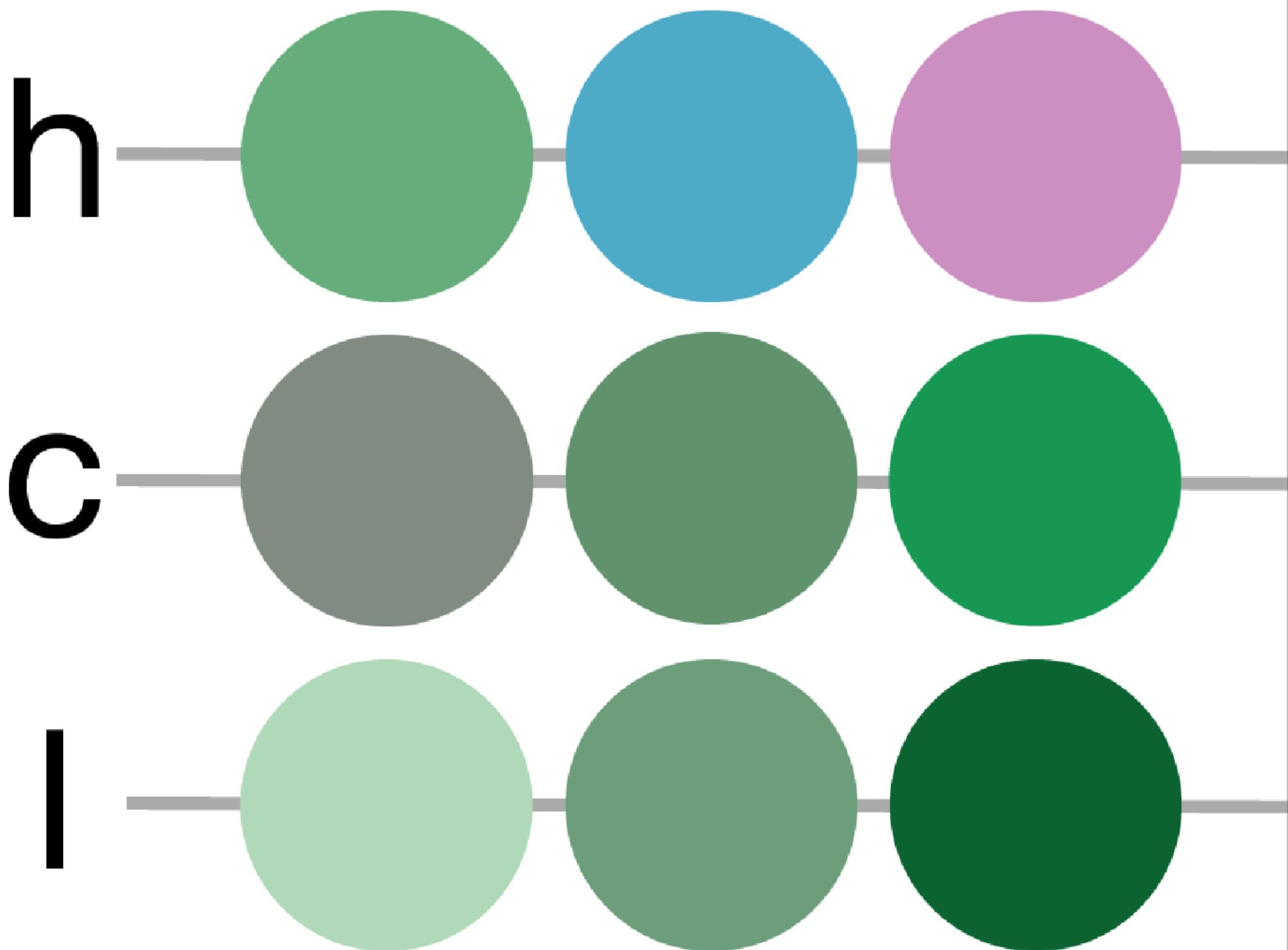
sequential diverging qualitative

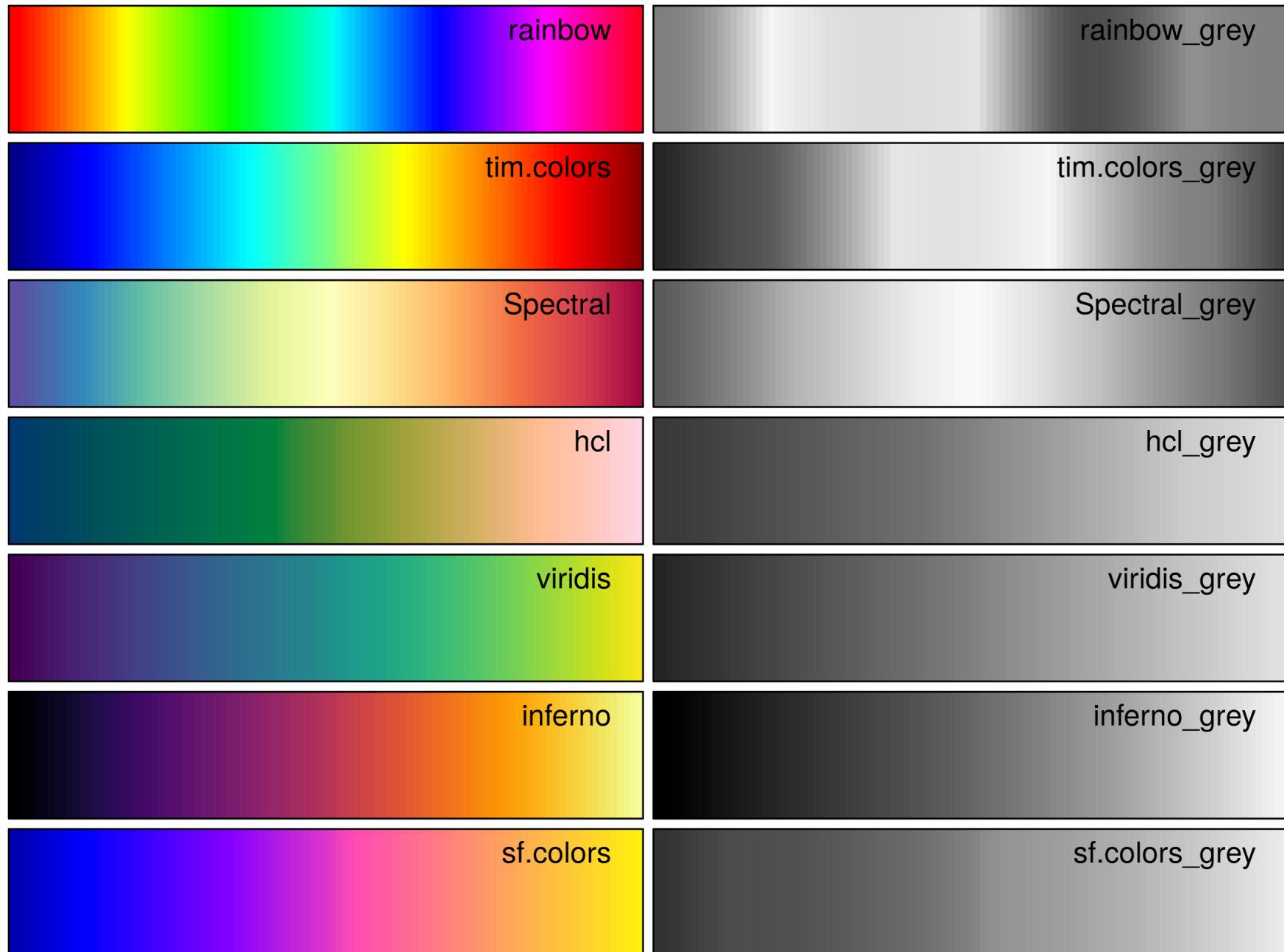


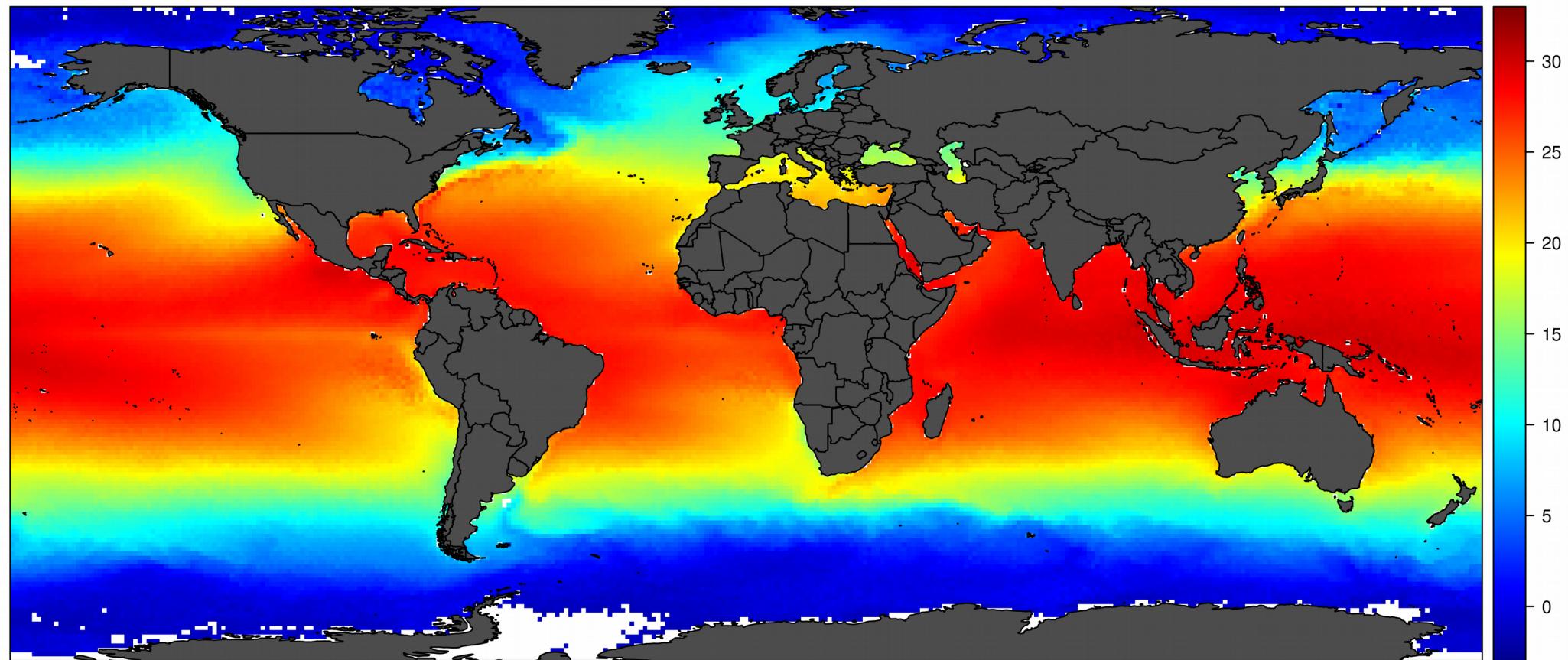
Pick a color scheme:

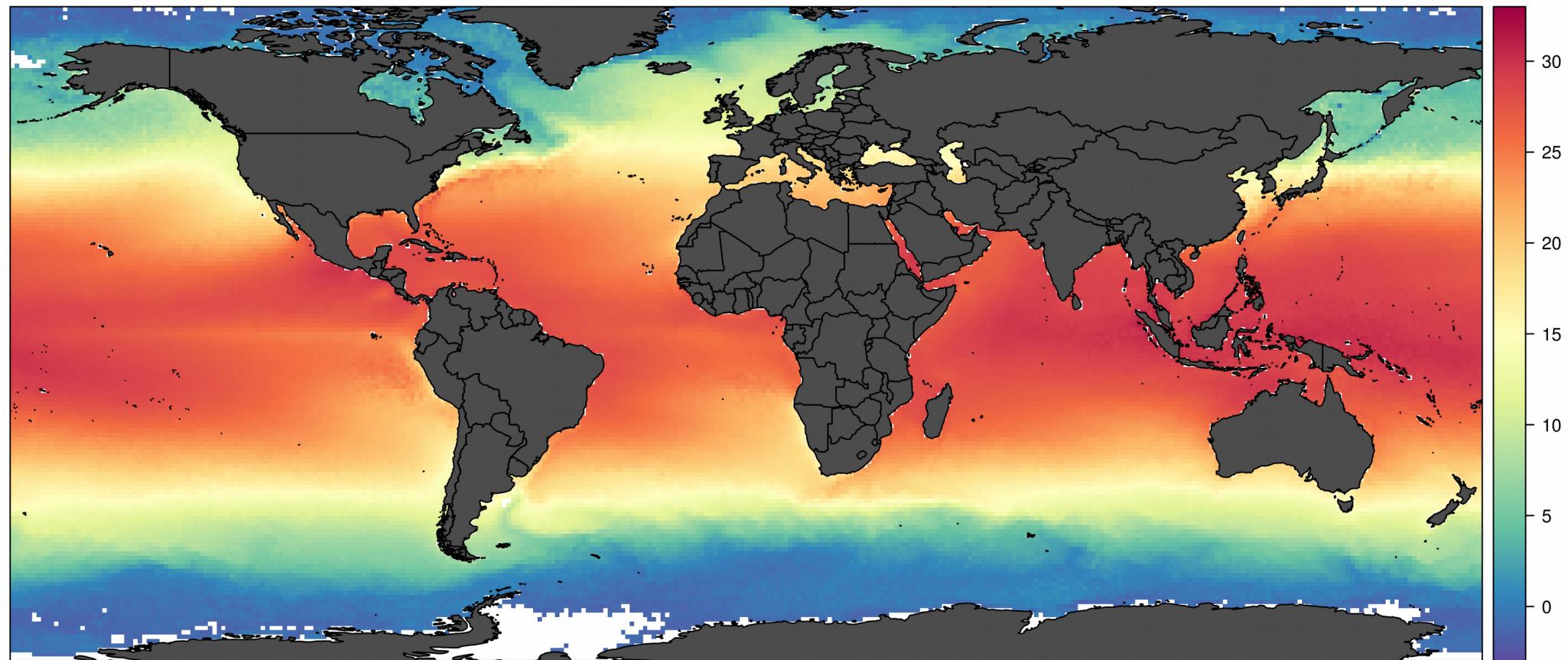


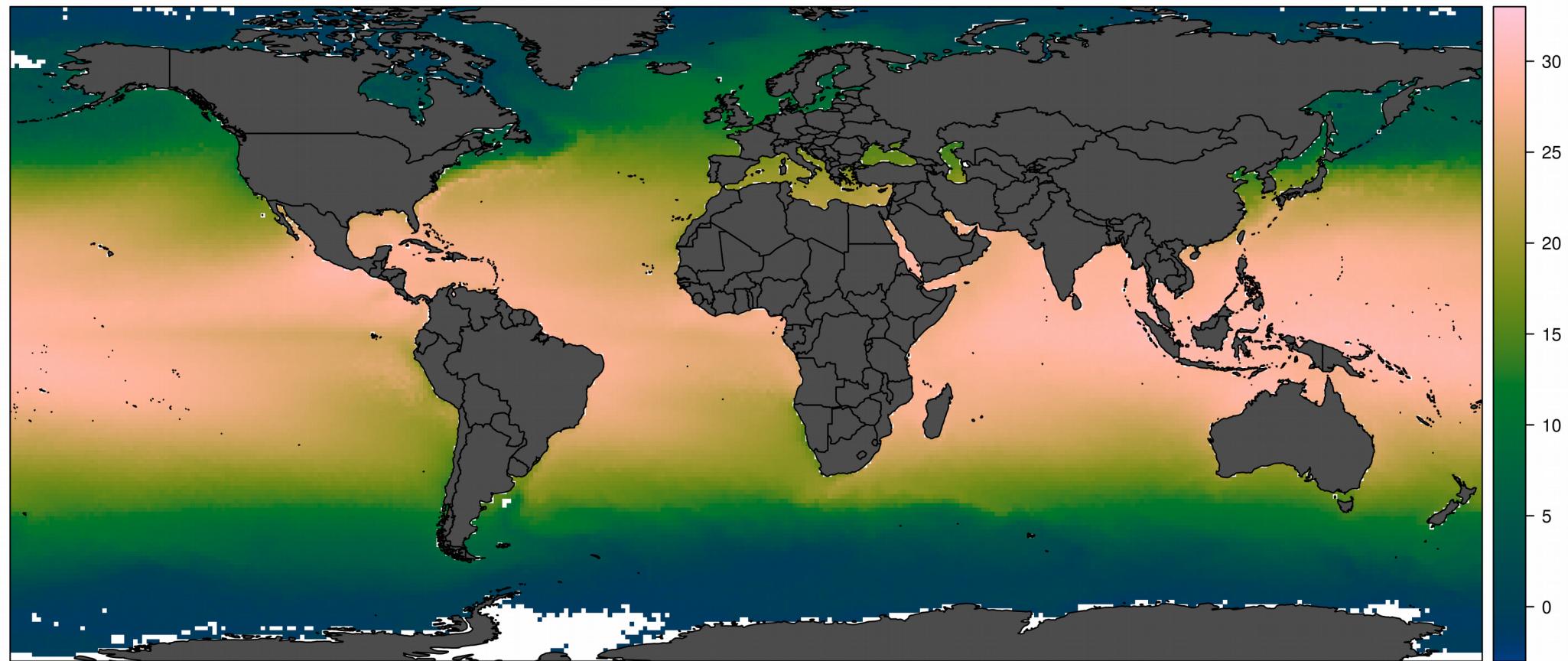


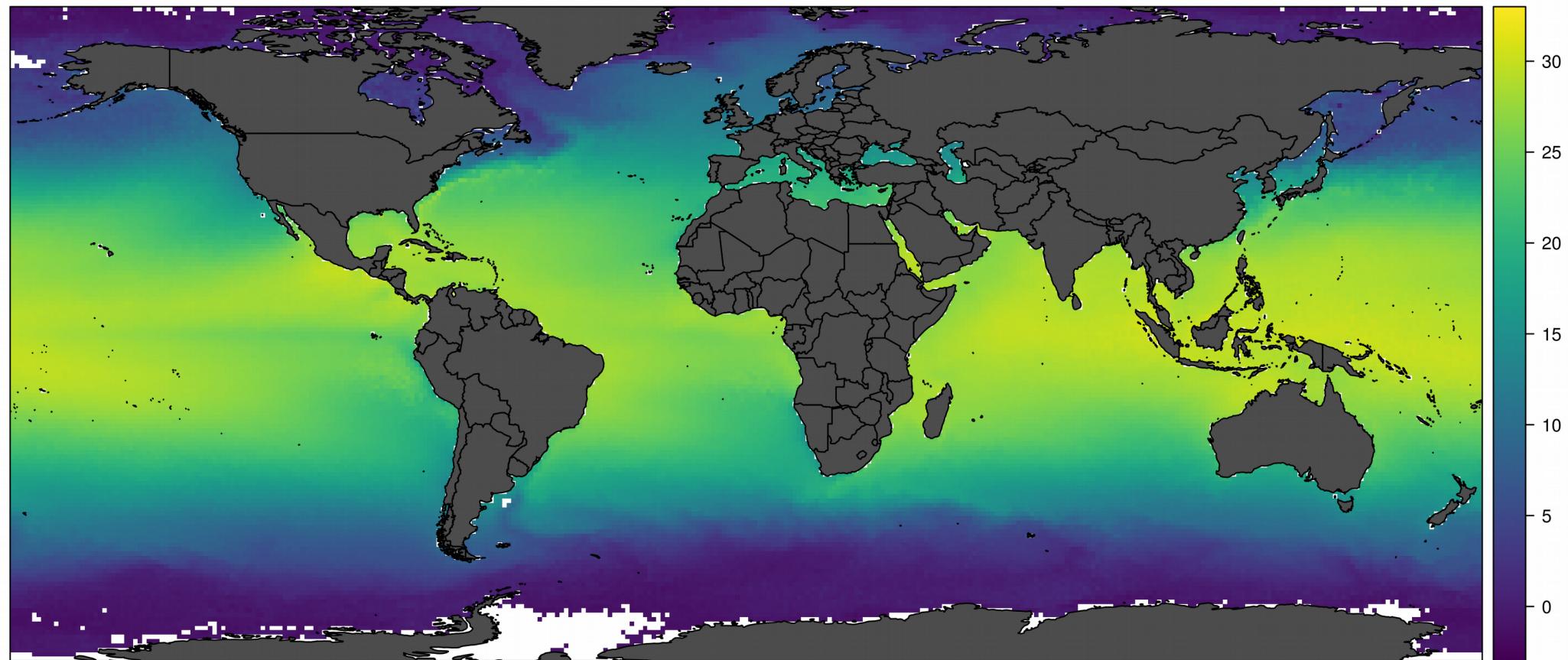


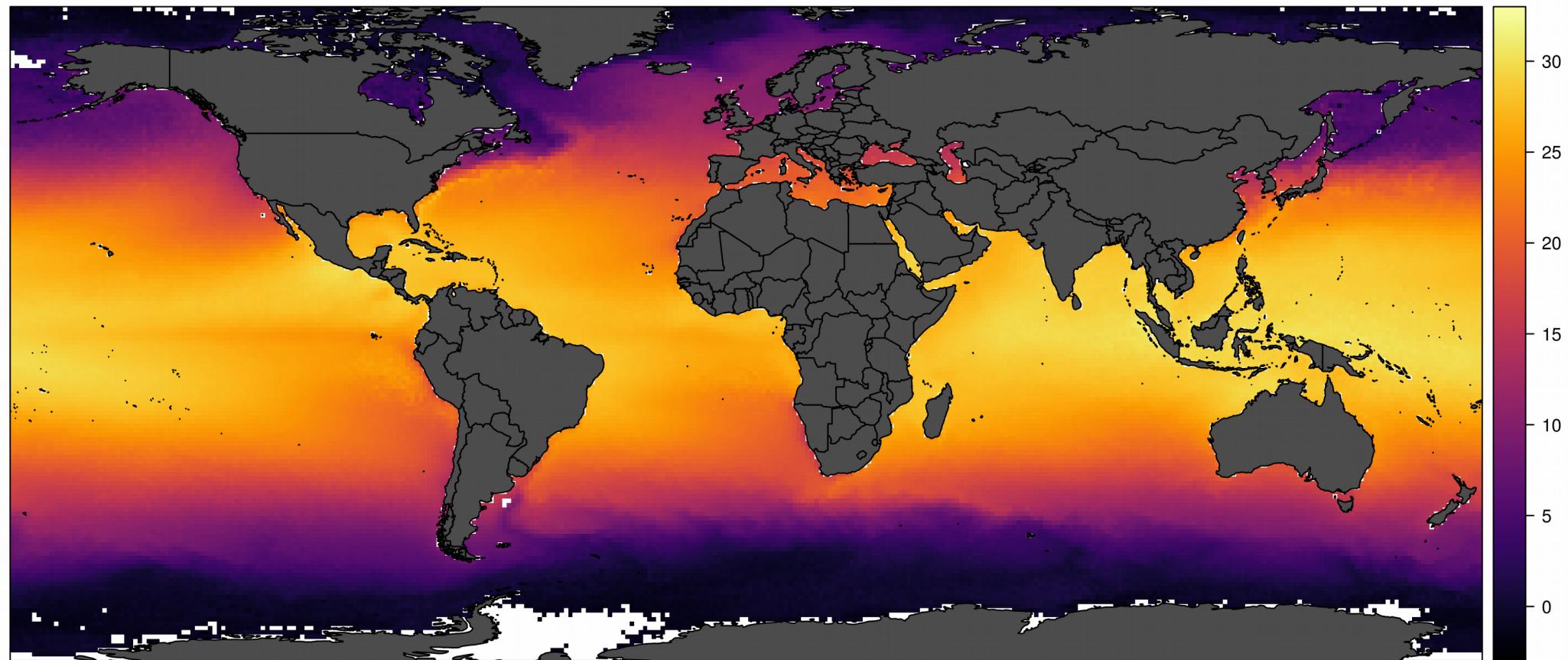


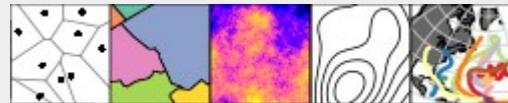












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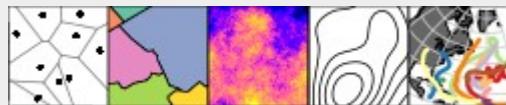


mapedit

interactive manipulation
of spatial objects

Kenton Russell & Tim Appelhans

Many thanks to the  **consortium** for funding this initiative!



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Motivation

**Which tool is best suited
for the task at hand?**

<https://upload.wikimedia.org/wikipedia/commons/thumb/1/12/6-Pack-Chicken-Eggs.jpg/640px-6-Pack-Chicken-Eggs.jpg>



“Buy some eggs in the supermarket around the corner.”

“Move a point from location A to location B.”

GIS system

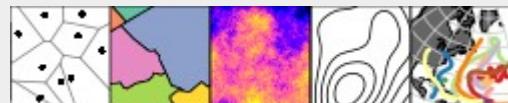


https://upload.wikimedia.org/wikipedia/commons/thumb/3/33/Green_pickup_truck.png/640px-Green_pickup_truck.png

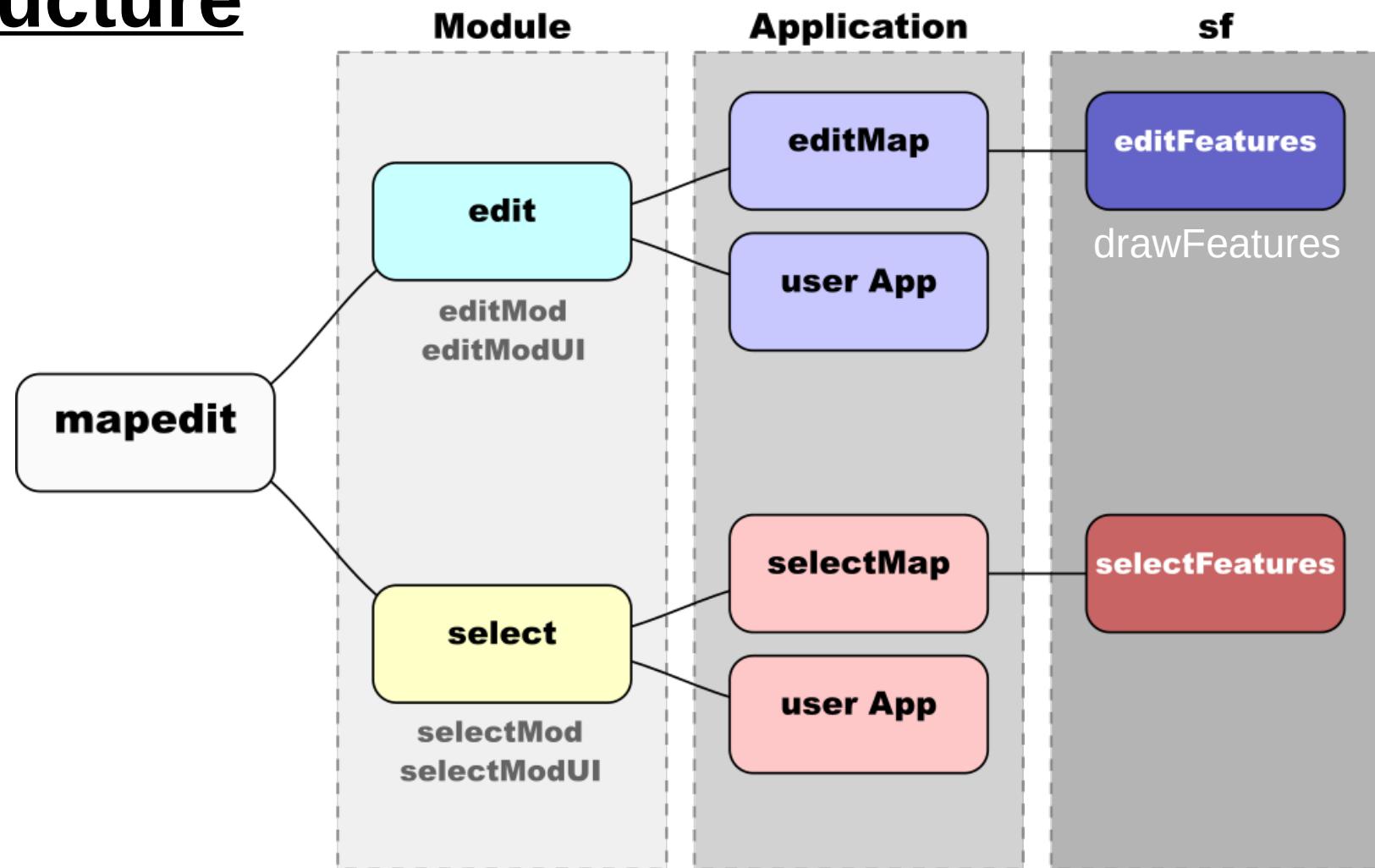
mapedit

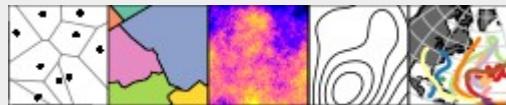


<http://www.publicdomainpictures.net/view-image.php?image=39736&picture=39736>



Structure





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To do:

- edit attributes
- ... you tell us (github issues)

Github

<https://github.com/r-spatial/mapedit>

Blog-posts

http://r-spatial.org/r/2017/01/30/mapedit_intro.html

http://r-spatial.org/r/2017/06/09/mapedit_0-2-0.html

http://r-spatial.org/r/2018/07/15/mapedit_newleaflet.html