

# VISUALIZING COMPLEX DATA WITH EMBEDDED PLOTS

**Zuzanna Mróz & Aleksander Podsiad**



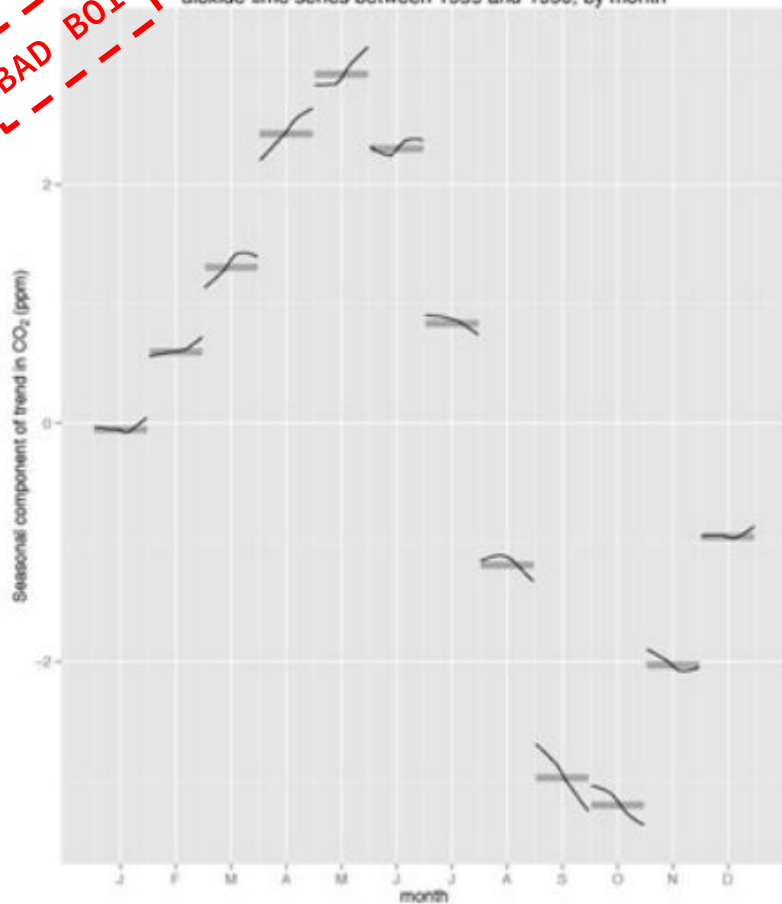
Package 'ggsubplot' was removed from the CRAN repository.

Formerly available versions can be obtained from the [archive](#).

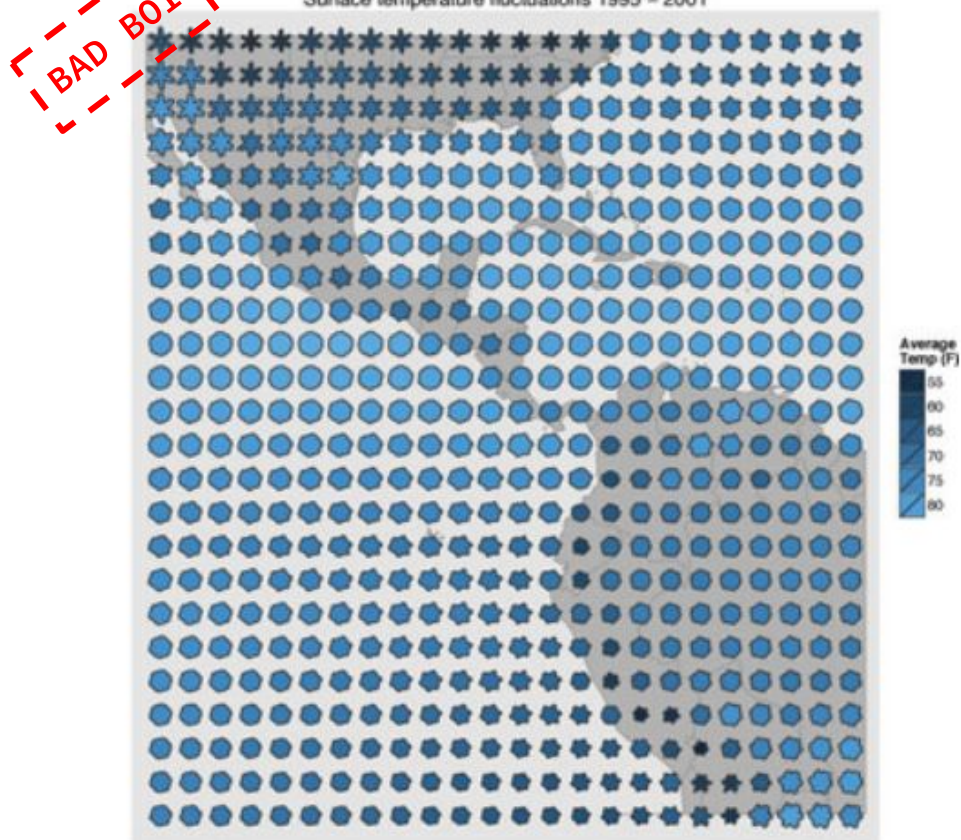
Archived on 2016-01-11 as requested by the maintainer <garrett@rstudio.com>.

Please use the canonical form <https://CRAN.R-project.org/package=ggsubplot> to link to this page.

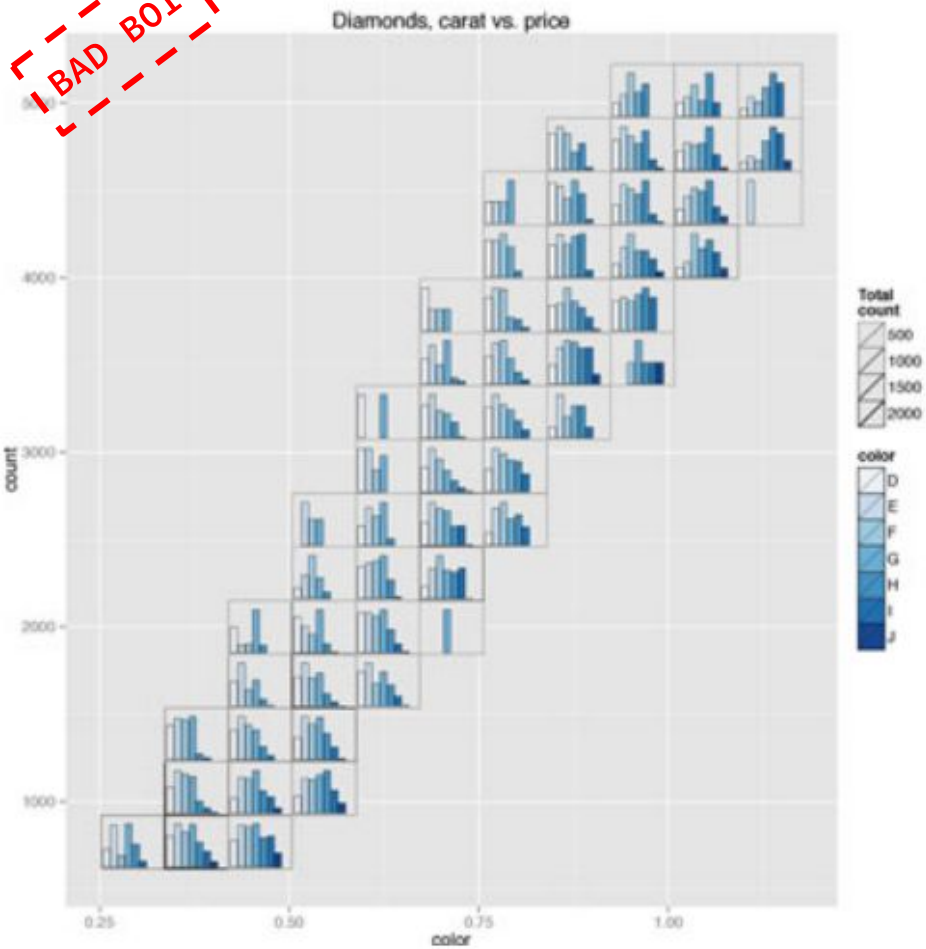
Seasonal frequency components of Mauna Lau carbon dioxide time series between 1959 and 1990, by month



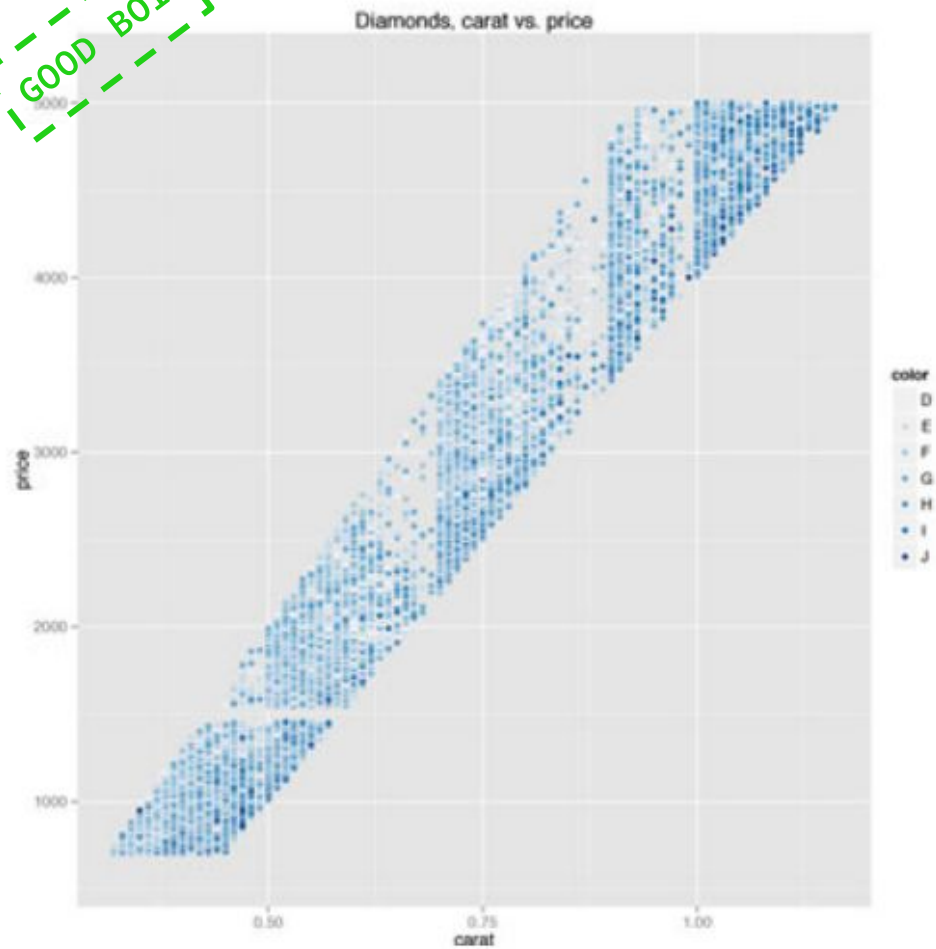
Surface temperature fluctuations 1995 - 2001



**BAD BOI**

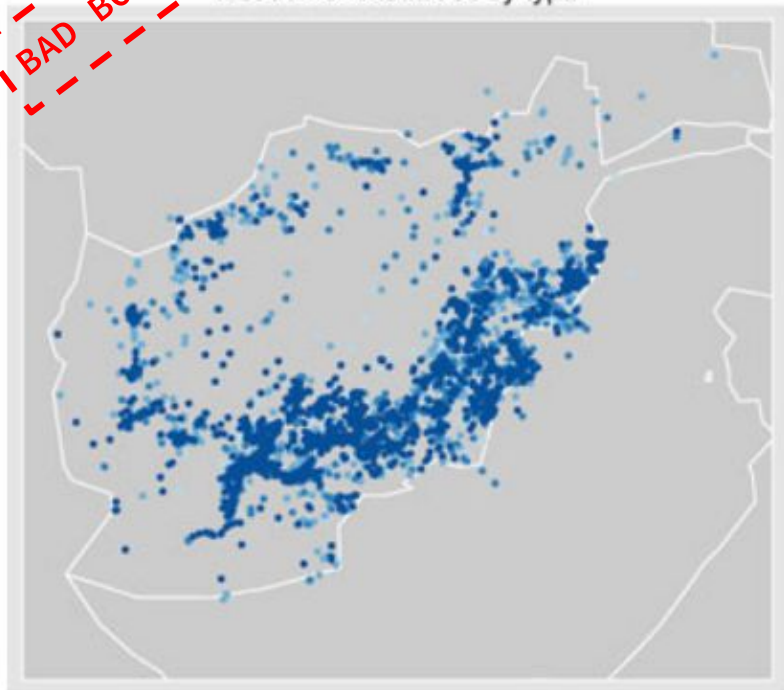


**GOOD BOI**



**BAD BOI**

location of casualties by type

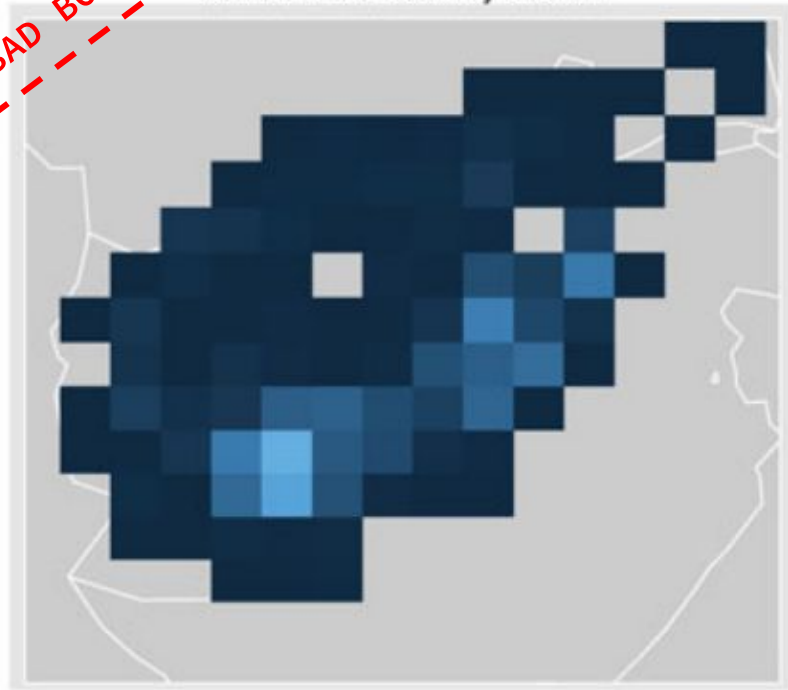


victim

- enemy
- civilian
- host
- friendly

**BAD BOI**

number of casualties by location



count

- 1000
- 2000
- 3000
- 4000

[BAD BOI]

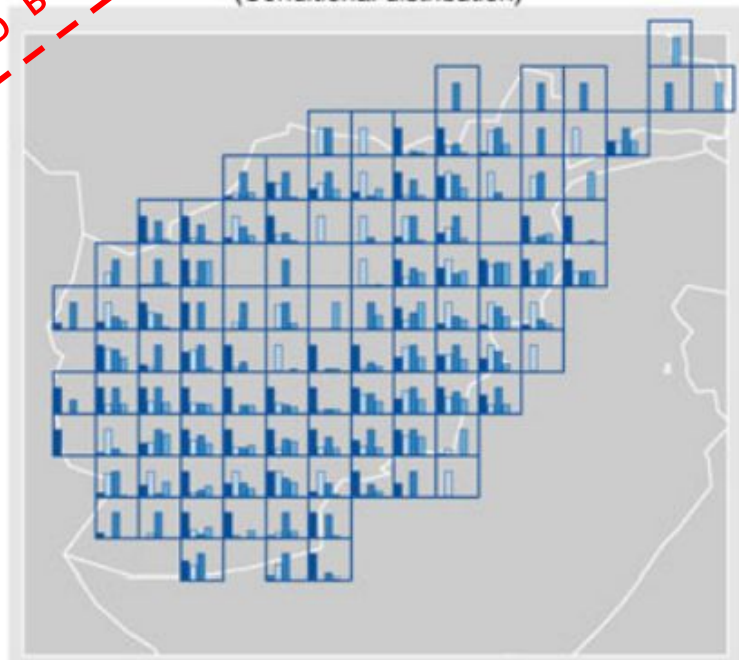
casualty type by location  
(Marginal distribution)



victim  
enemy  
civilian  
host  
friendly

[BAD BOI]

casualty type by location  
(Conditional distribution)

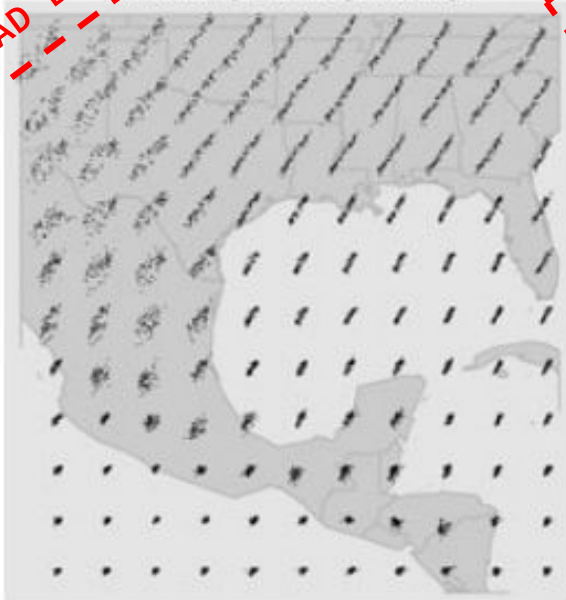


victim  
enemy  
civilian  
host  
friendly



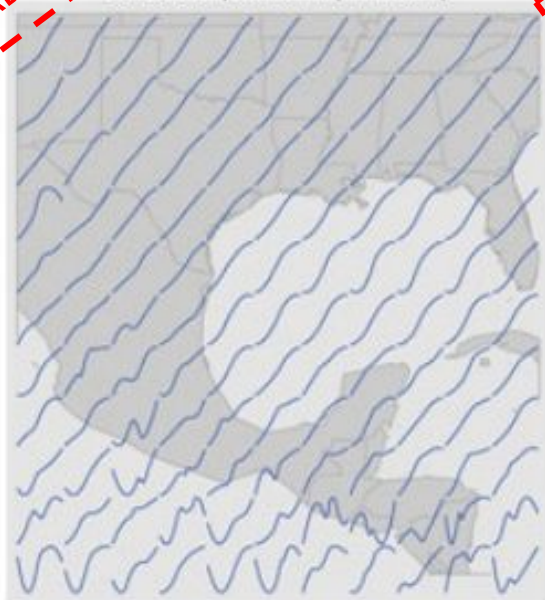
BAD BOT

Surface temp vs. atmospheric temp



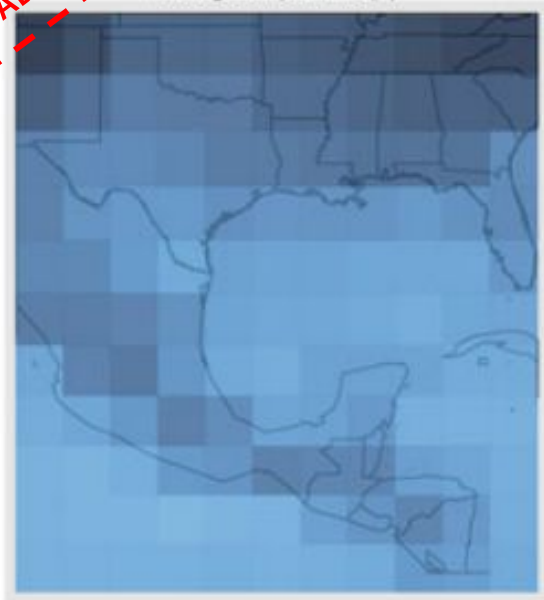
BAD BOT

Surface temp vs. atmospheric temp



BAD BOT

Average temperature (F)



Average Temp (F)  
55  
60  
65  
70  
75  
80

example\_data

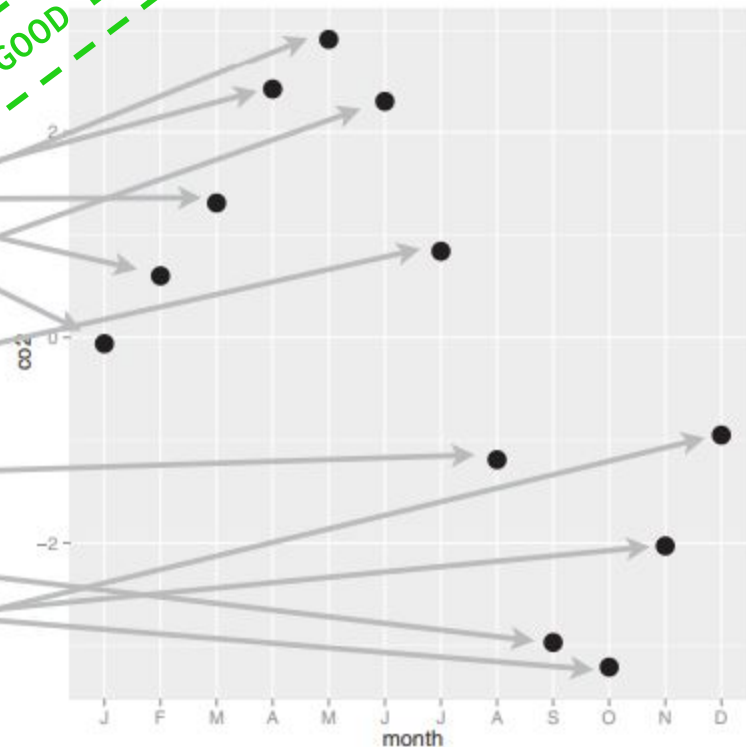
month	co2	season
Jan	-0.06	Winter
Feb	0.60	Winter
March	1.31	Spring
April	2.42	Spring
May	2.92	Spring
June	2.30	Summer
July	0.84	Summer
Aug	-1.19	Summer
Sept	-2.97	Fall
Oct	-3.21	Fall
Nov	-2.03	Fall
Dec	-0.95	Winter

geom



graph

GOOD BOT





example\_data

geom

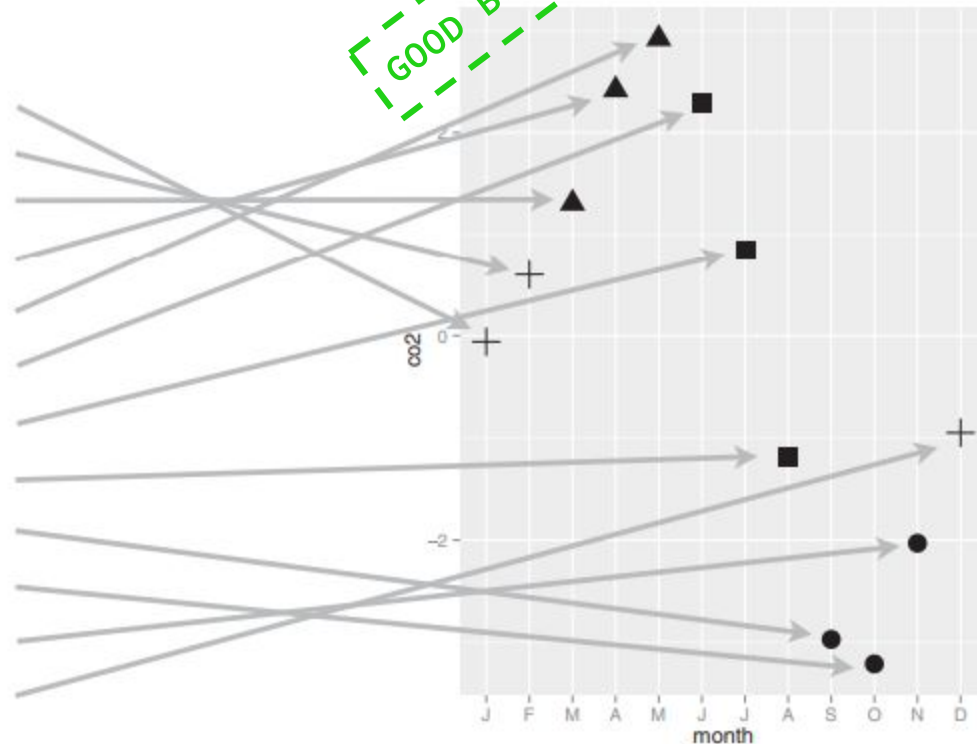
graph

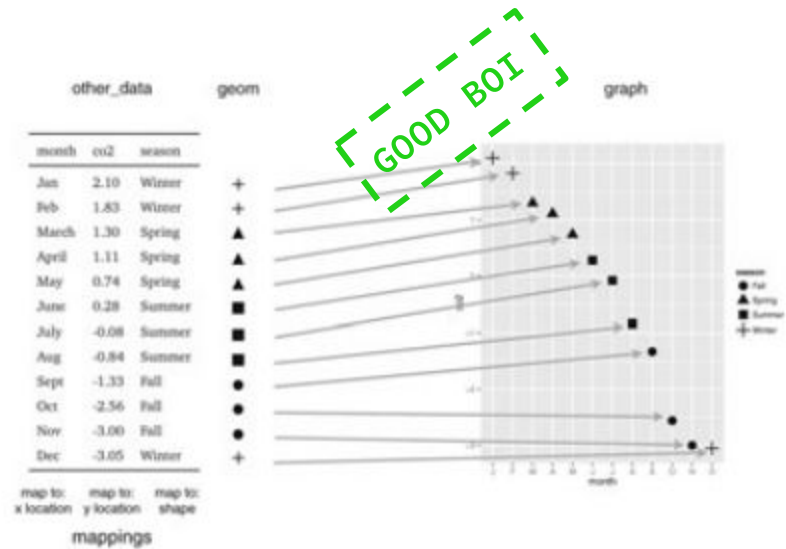
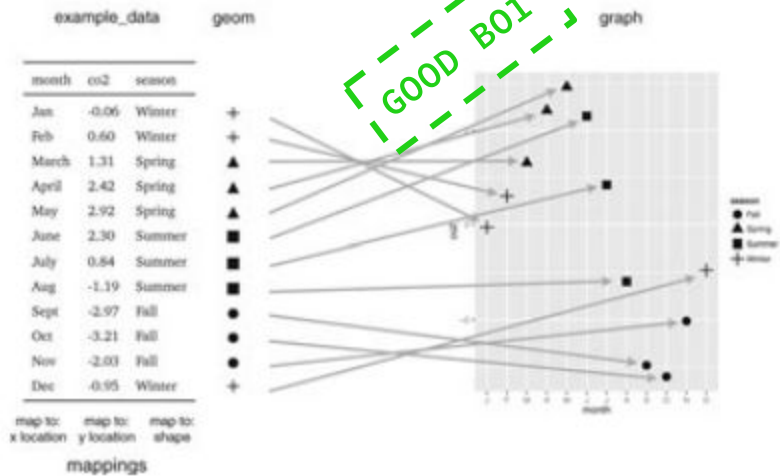
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Dec	-0.95	Winter

map to:    map to:    map to:  
x location y location shape

mappings

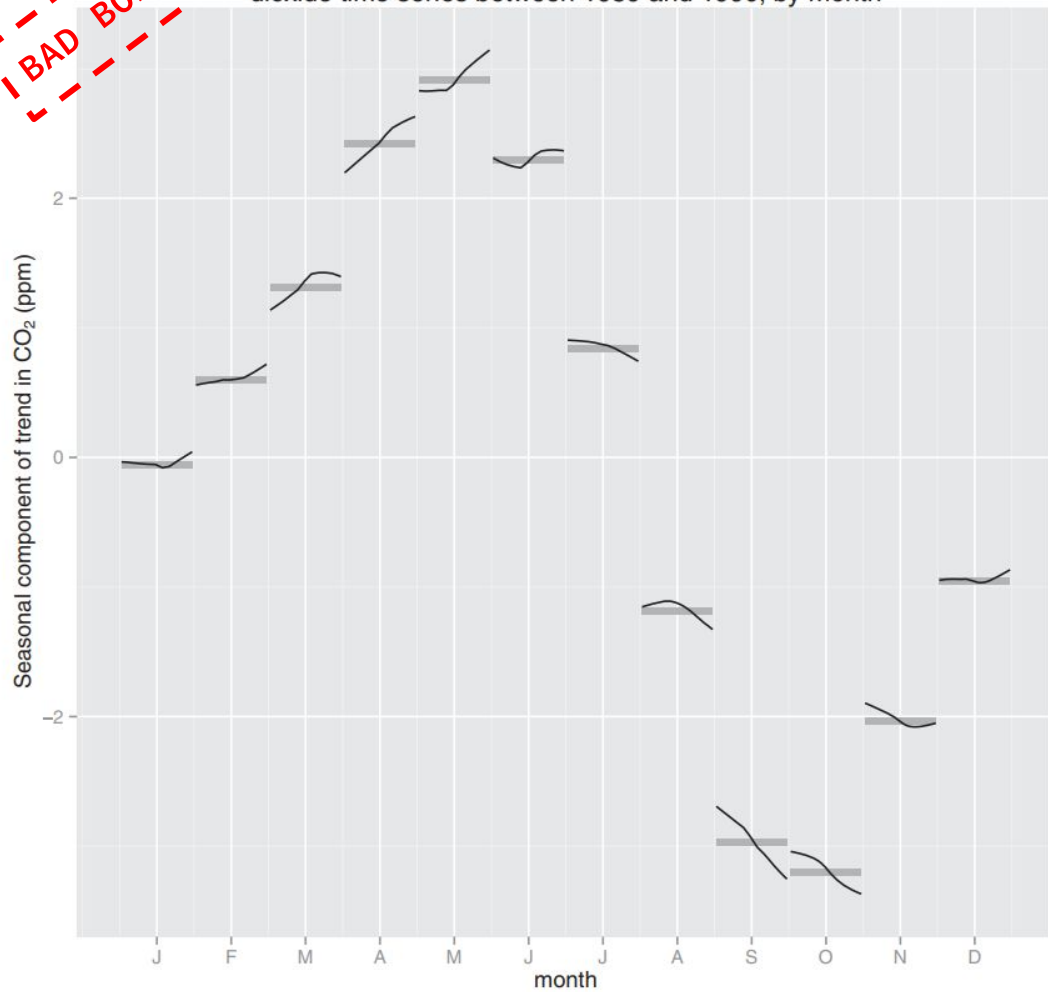
+  
+  
▲  
▲  
▲  
■  
■  
■  
●  
●  
●  
+

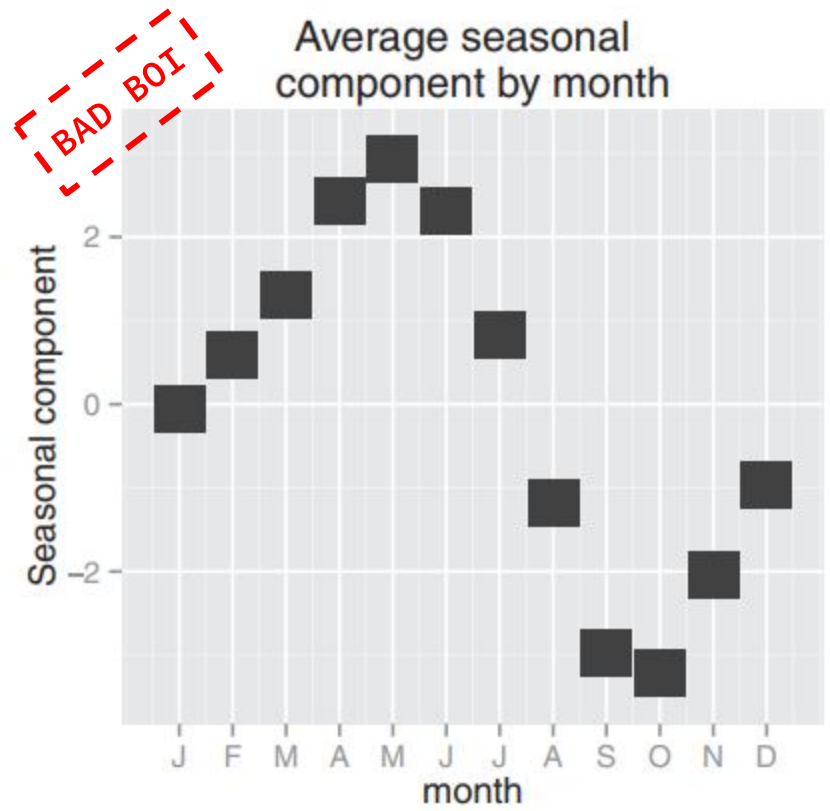
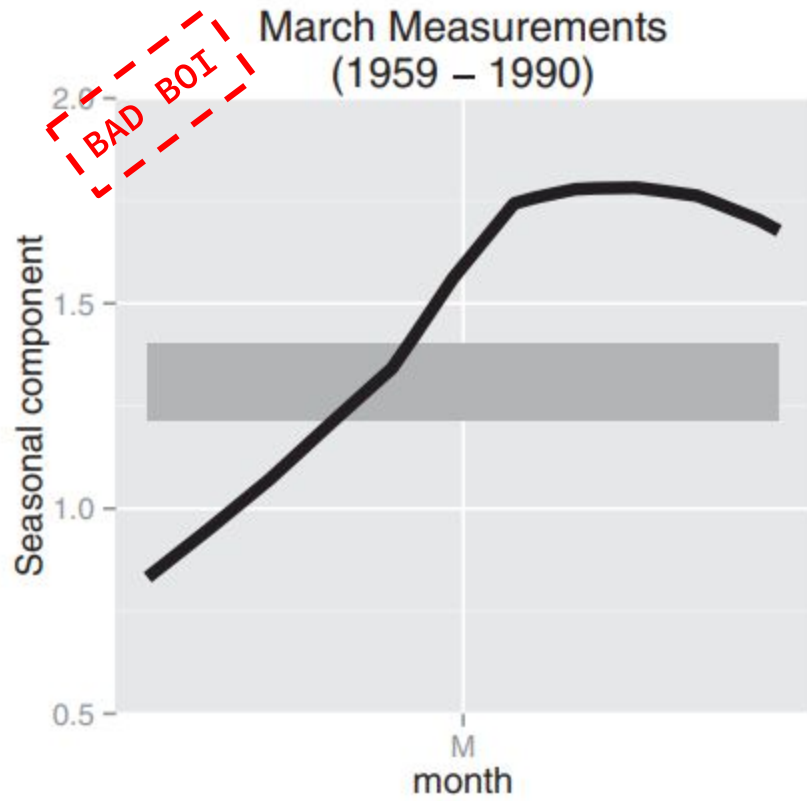




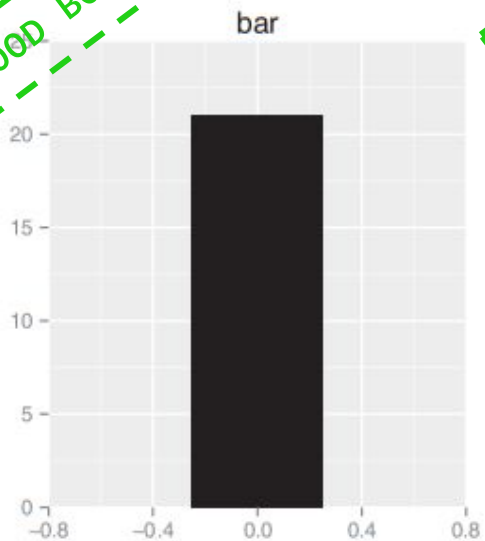
**BAD BOI**

Seasonal frequency components of Mauna Lau carbon dioxide time series between 1959 and 1990, by month

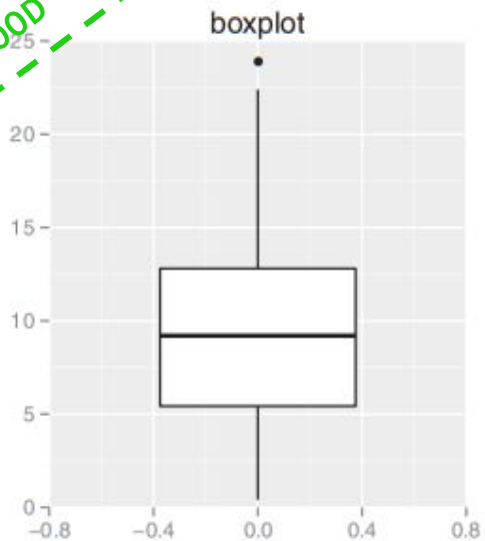




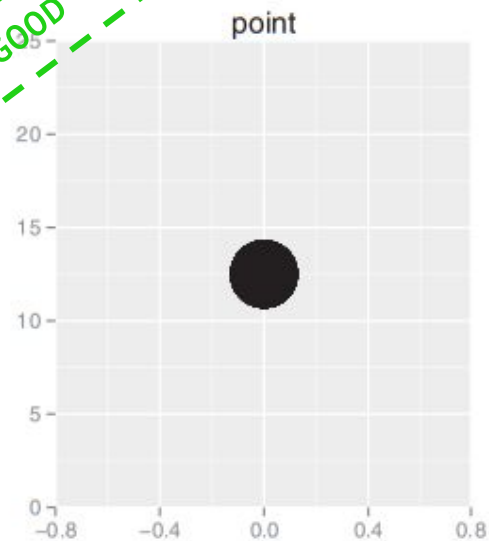
GOOD BOI



GOOD BOI

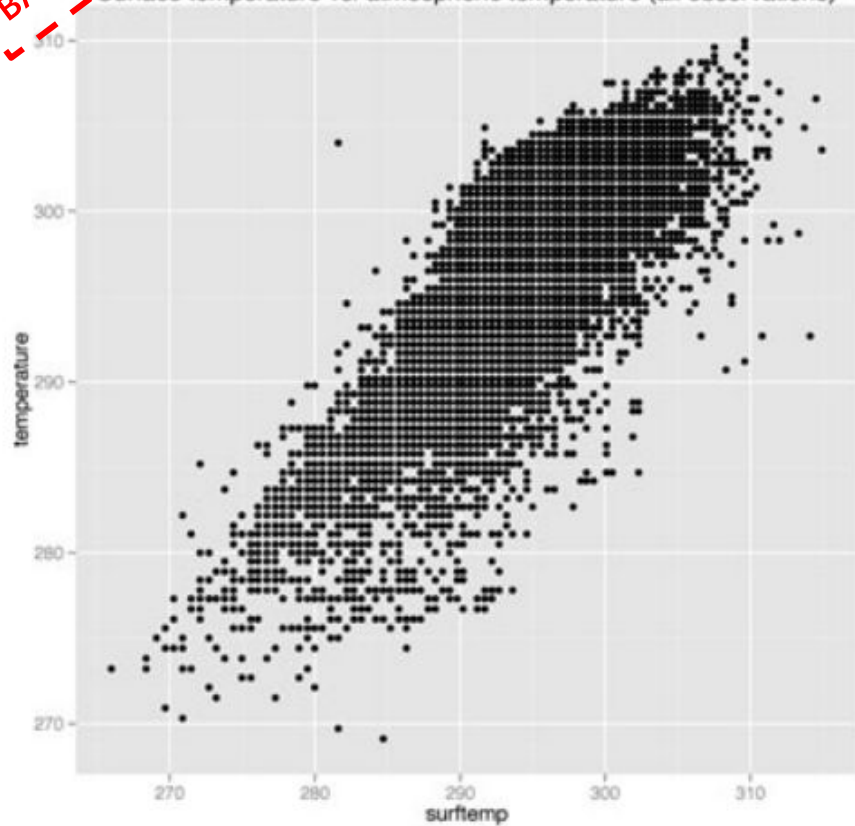


GOOD BOI



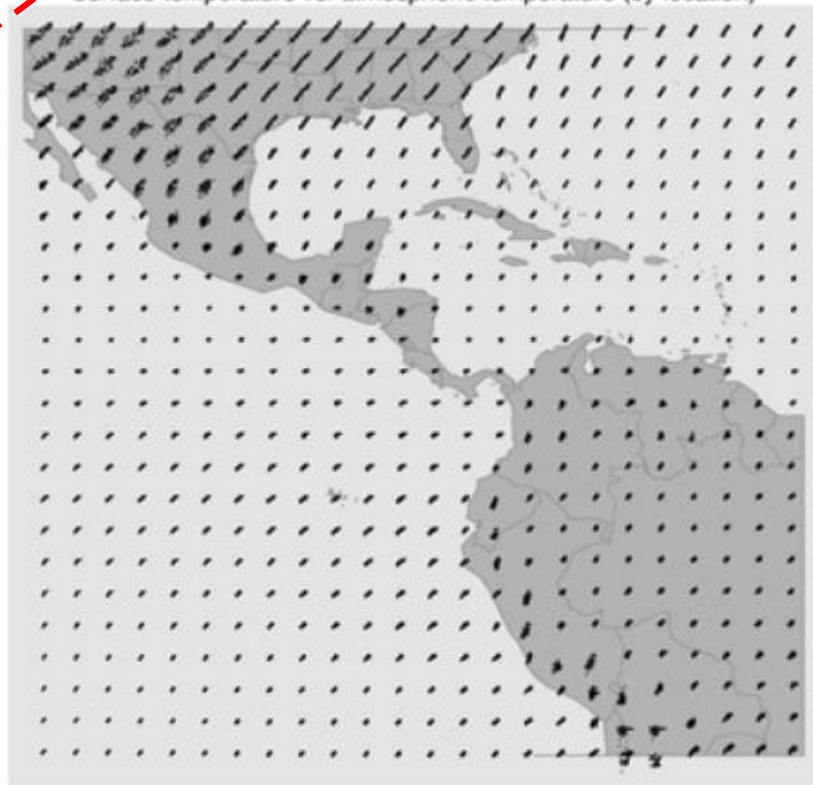
**BAD BOI**

Surface temperature vs. atmospheric temperature (all observations)



**BAD BOI**

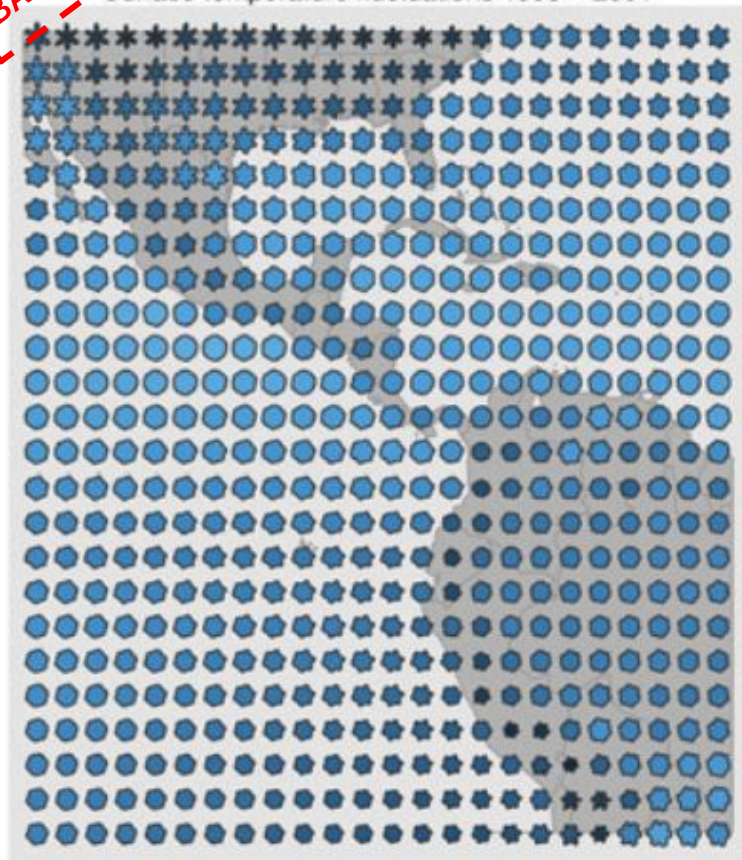
Surface temperature vs. atmospheric temperature (by location)





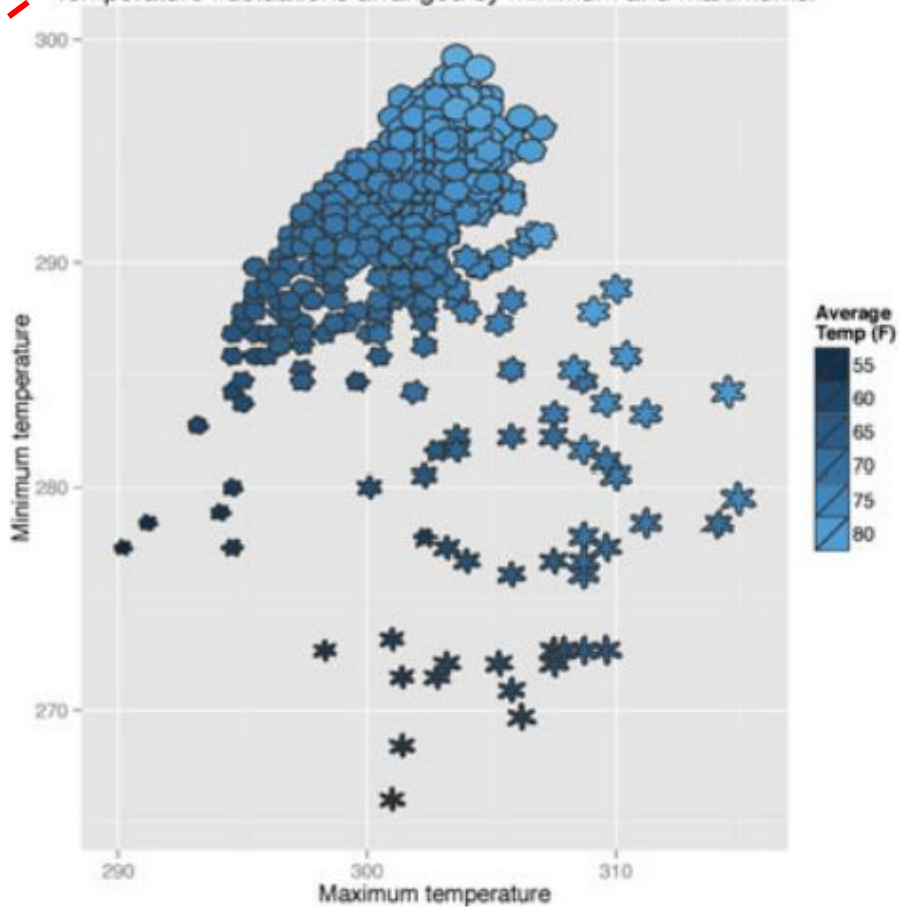
**BAD BOI**

Surface temperature fluctuations 1995 – 2001



**BAD BOI**

Temperature fluctuations arranged by minimum and maximums.



NASZ WERDYKT:

**NIEREPRODUKOWALNE!**