

Lec 03 2020/9/8

## Time Series

'Race to first data viz'

① FPP 2.2 Fig 2.1

Note: constructed from a  
tibble = time series tibble  
" " data frame

meta-data: frequency is M

② Seasonal Plots

FPP 2.4 Fig 2.4

Allows you to viz repeats by  
Season

③ Seasonal subseries plots: FPP 2.5 Fig 2.5

A different way to slice up  
data to view trends.

④ Lag plots show relationship  
of variable with same  
variable "lag" units ago.  
FPP 2.7 Fig 2.6 months

FPP 2.8 Fig 2.7

⑤ ACF = Autocorrelation function  
plots "self"

Look @ correlation coefficients  
of variables with itself "lag"  
units ago.