

Visualizing probability distributions on deconstructed time

Data Input - (Temporal Resolution, start, end)

from Tsibble

Computing circular temporal granularities

Upper_levels = c(UL1, UL2,)

Lower Levels = c(LL1, LL2,.....)

Compute all possible circular temporal granularities using these upper and lower levels

Choosing harmonies and computing statistics

Based on rules, obtain pairs that correspond to harmonies, number of observations corresponding to the pair and compute statistics (deciles or boxplot stats, for example)

Display pairs that harmonise given a circular/near circular granularity

Given a circular granularity, display multiple windows showing possible perspectives of data

Link the analysis for systematic exploration ?

How to link the visualization so as to facilitate systematic exploration?

How to make sure there are not too many statistics that unnecessarily obscure the exploration? Are all of them useful to the one looking at it?

