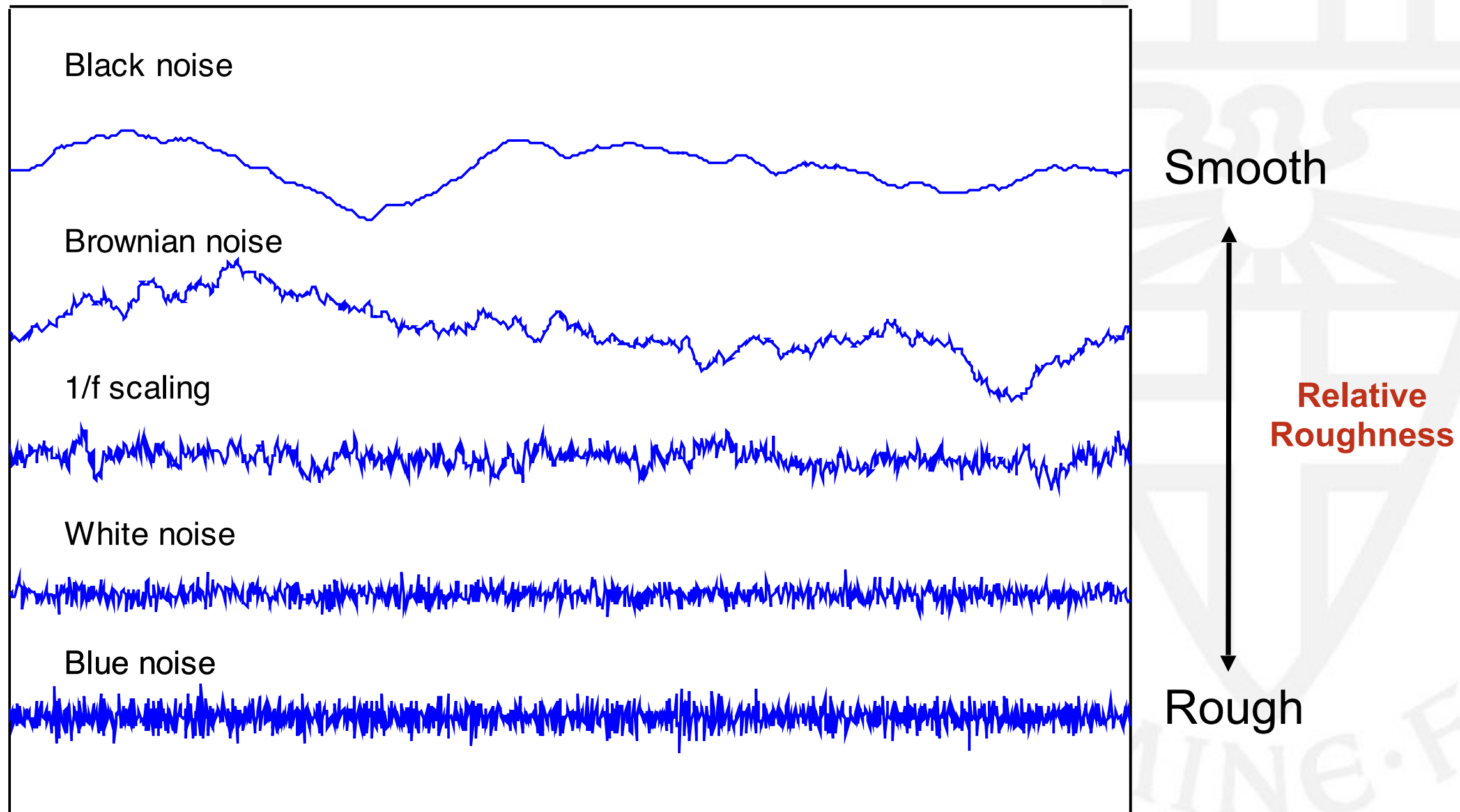


## Temporal properties of variability: Relative Roughness

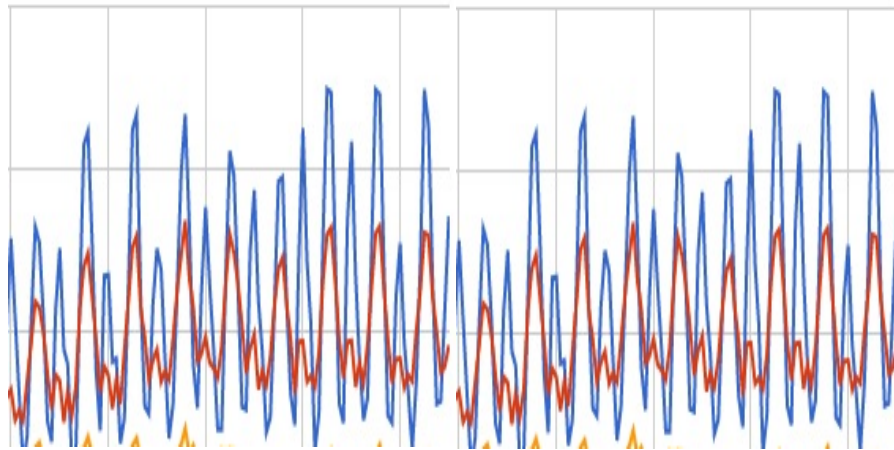


## Temporal properties of variability: Relative Roughness

Relative roughness of a time series is:

$$RR = 2 * \left( 1 - \frac{\text{local variance}}{\text{global variance}} \right)$$

Local variance:  
Fast changes



Global variance:  
Slow changes

