

### Intrinsic basis functions

### Structure-adaptive Interpretability

### Intrinsic basis vectors

**Functional Principal  
Component  
Analysis**

Identically distributed  
functional data

**Functional Singular  
Value Decomposition  
(FSVD)**

Time series can be  
irregularly observed

**Estimation of  
Factor Loading**

**Functional  
Clustering**

Find data-adaptive  
basis functions

**Functional  
Completion**

Factor series can  
be non-stationary

**Estimation of  
Factor Series**

