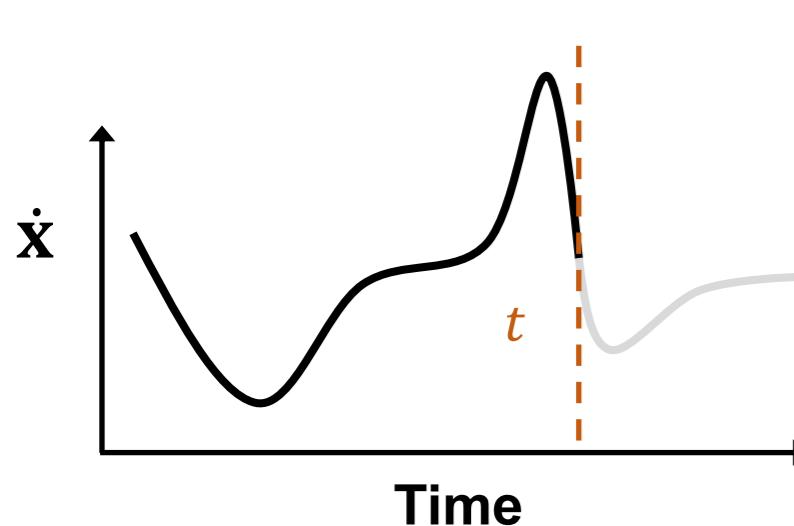
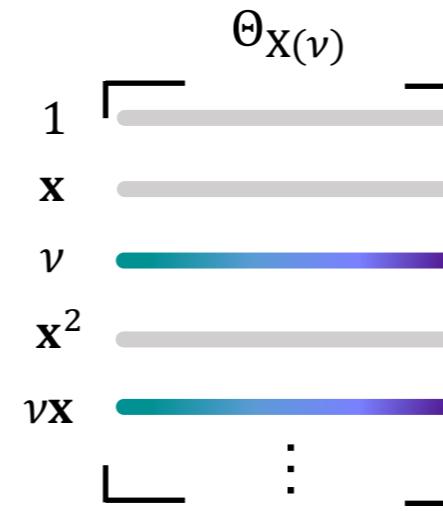


a**Observed data**

$$\dot{\mathbf{x}} = f_{\Phi}(\mathbf{x})$$

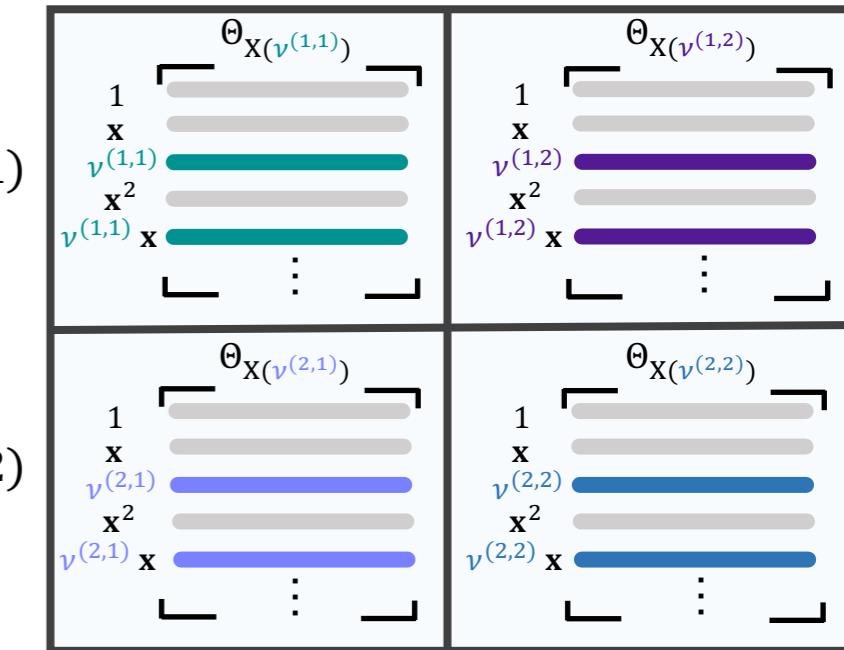
**b****Encoding into $\Theta_{X(\nu)}$** The value of ν is to be determined

$$\Phi = (\phi_1, \dots, \phi_n) \downarrow \nu, \forall \nu_1, \Delta\nu \in \mathbb{R}$$

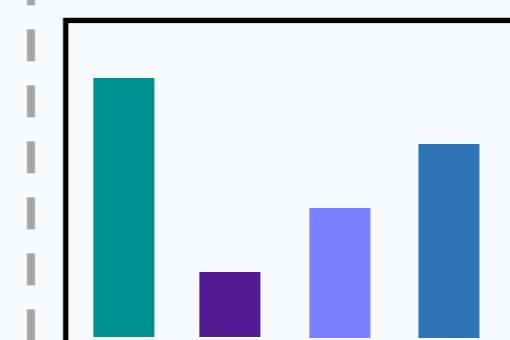
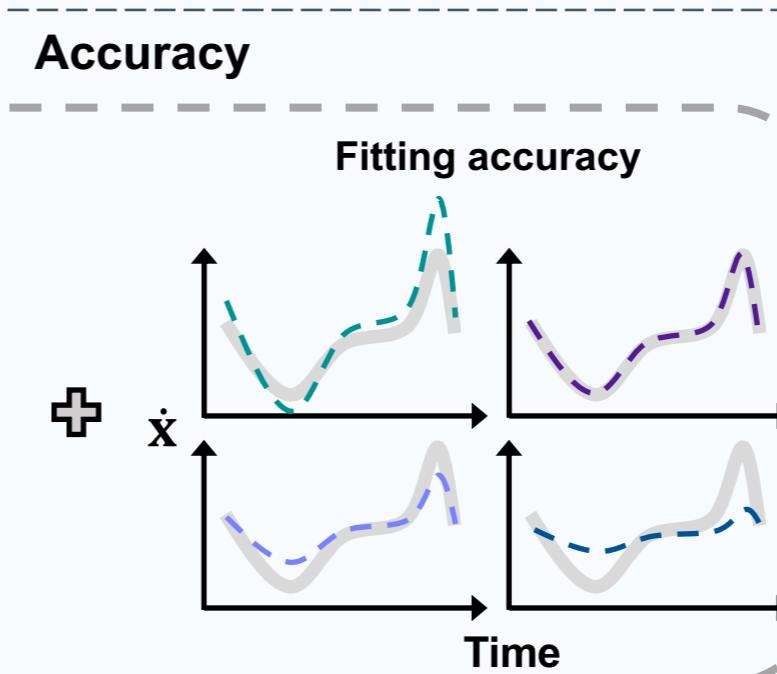
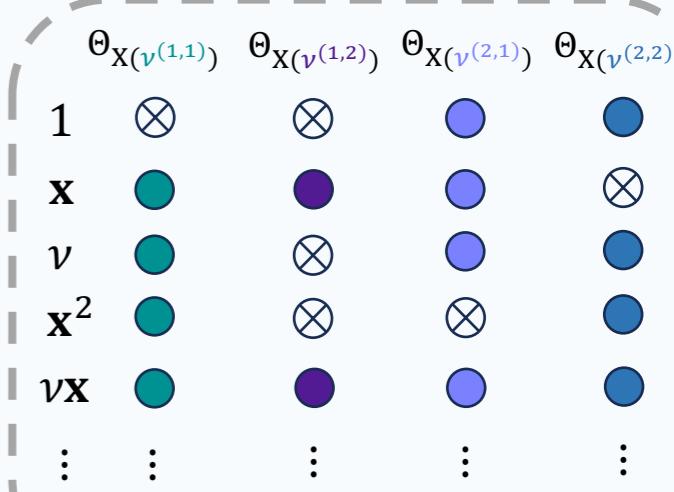
**c****Grid search for ν**

$$\Delta\nu^{(1)}$$

$$\Delta\nu^{(2)}$$

**e****Prediction**

$$\text{Inferred equation : } \dot{\mathbf{x}} = f_{\nu^{(1,2)}}(\mathbf{x})$$

**d****Accuracy****Numerical error****Fitting accuracy****Model complexity****Coefficient**