





Supervising process:  $X_t = \left(1 - \frac{t}{T}\right) X_0 + \frac{t}{T} X_T$

Parametrization:  $\mathbf{Y} = \mathbf{X}_0 + \mathbf{X}_1\tau$

# Modeling:

## DTM

$$Y^\theta \sim p_{Y|t}(\cdot | X_t = x_t)$$

vs.

## FM

$$Y^\theta \leftarrow \mathbb{E} [Y | X_t = x_t]$$

# DTM vs. FM

Supervising process:  $X_t = \left(1 - \frac{t}{T}\right) X_0 + \frac{t}{T} X_T$

Parametrization:  $Y = X_T - X_0$

Modeling:

**DTM**

$$Y^\theta \sim p_{Y|t}(\cdot | X_t = x_t)$$

VS.

**FM**

$$Y^\theta \leftarrow \mathbb{E}[Y | X_t = x_t]$$

# DTM vs. FM

**DTM**

