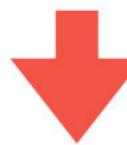
Encoder Training and $\hat{\sigma}_m^2$ Approximation

INPUT: Training dataset \mathcal{D}_{train}



Train encoder f_{θ} with \mathcal{D}_{train}



Approximate $\hat{\sigma}_m^2$ with $f_{\theta}(\mathcal{D}_{train})$

Brownian Bridge Score Computing

INPUT: Article X



Compute the latent: $s = f_{\theta}(X)$



Compute the Score: $B(\mathbf{s}|\hat{\sigma}_m^2)$