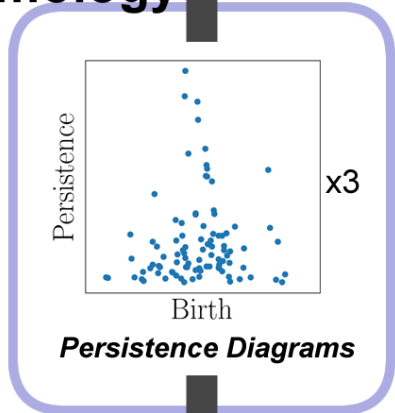
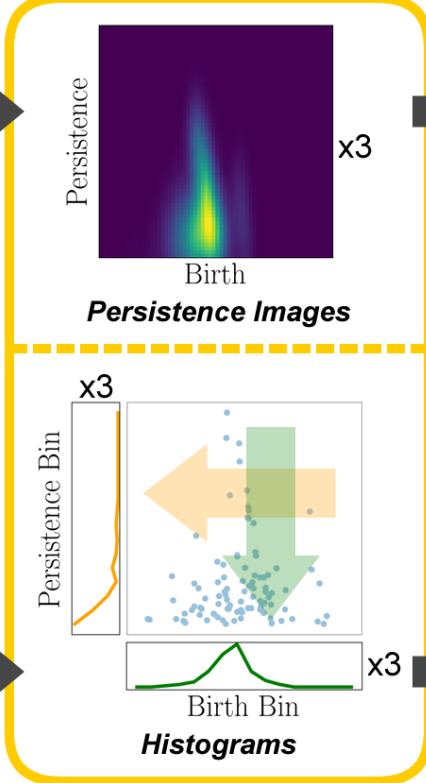


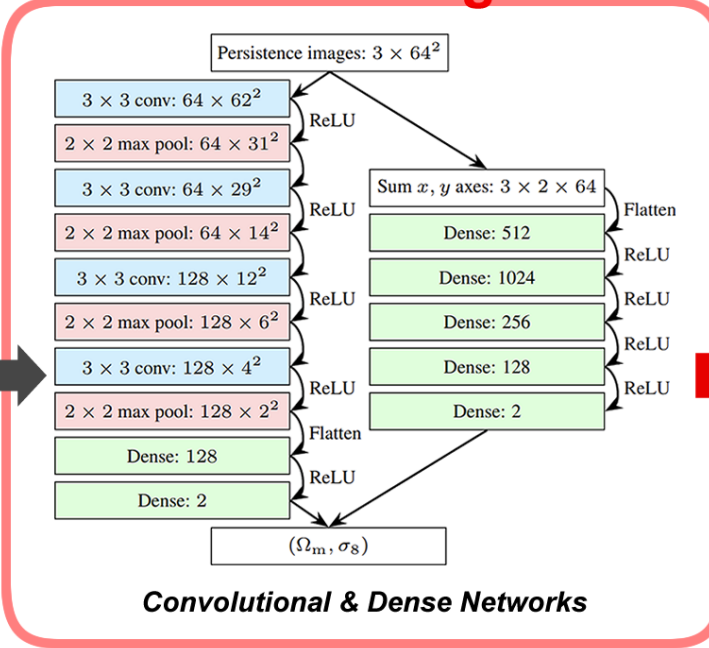
## Persistent Homology



## Summary Statistics



## Machine Learning



## Bayesian Inference

$$p(\theta|D) = \frac{p(D|\theta)p(\theta)}{p(D)}$$

$$\ln p(D|\theta) = \ln \mathcal{L}(\theta|D) = -\frac{1}{2}(D - \mu(\theta))^T C^{-1}(D - \mu(\theta))$$

Gaussian Likelihood

## Parameter Estimates

