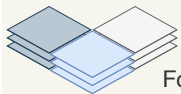


**Input**

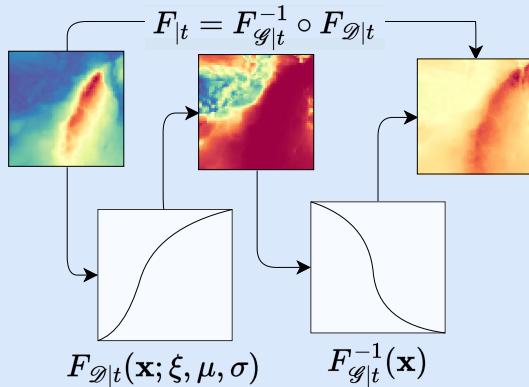
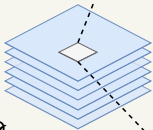


Event  
Footprints  
 $(\mathbf{x})_{ijkt}$

(b)

**Marginals**

$\mathbf{x}_{ijk|t} \sim \mathcal{D}_{ijk}$



**Parameters**

$(\xi, \mu, \sigma)_{ijk}$

**Transformed**

$\mathbf{y}_{ijk|t} \sim \mathcal{G}$

