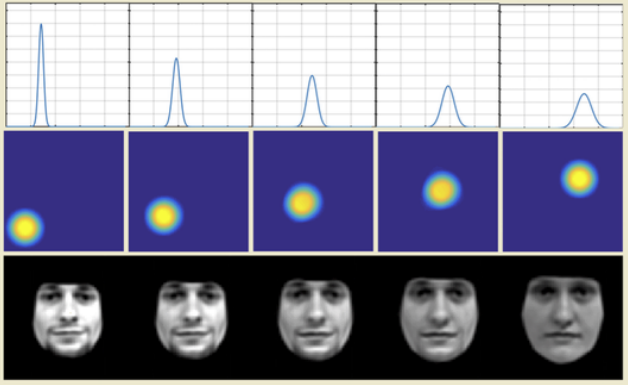
Geodesic in the 2-Wasserstein space

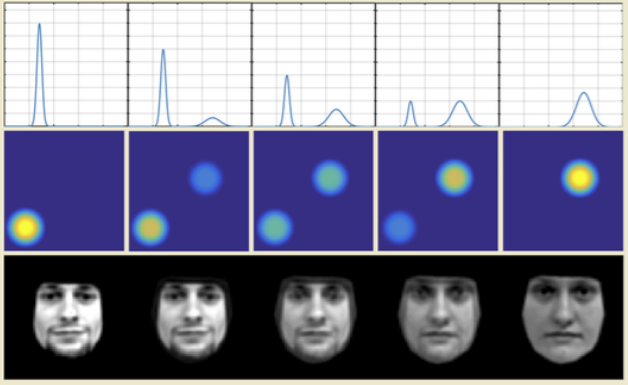


$t = 0 \quad t = 0.25 \quad t = 0.5 \quad t = 0.75 \quad t = 1$

$$\rho^*(.,t) = ((1-t)id + tf^*)_{\#}\mu$$

$$d\rho^*(x,t) = I^*(x,t)dx$$

Geodesic in the Euclidean space



$t = 0 \quad t = 0.25 \quad t = 0.5 \quad t = 0.75 \quad t = 1$

$$I(x,t) = (1-t)I_0(x) + tI_1(x)$$