## Some kernels

## Gaussian

$$K(x_1, x_2) = e^{-\frac{1}{2\sigma^2} ||x_1 - x_2||^2}$$

## **Uniform**

$$K(x_1, x_2) = \mathbb{I}[\|x_1 - x_2\| < h] \Big|_{0}^{0}$$

