

$$g(\Delta_d(\mathbf{x}_i, \mathbf{x}_j))$$

$$d_{M-1}=1000$$

$$d_{M-1}=2000$$

$$d_{M-1}=4000$$

gap  $\rightarrow 0$

$$\Delta_d(\mathbf{x}_i, \mathbf{x}_j)$$

