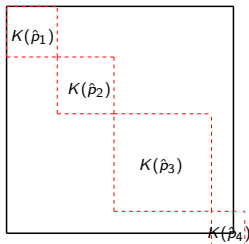


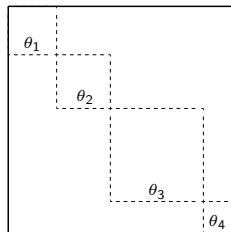
$$\mathcal{P}=(0.14,0.26,0.60,0)$$

$$K(\mathcal{P})=\sum_{i=1}^4 p_i^2 = 0.4489$$



$$\hat{\mathcal{P}}=(0.22,0.25,0.43,0.14) \geq 1$$

$$K(\hat{\mathcal{P}})=\sum_{i=1}^4 K(\hat{p}_i) = 0.4489$$



$$\Theta=(0.21,0.24,0.41,0.14)$$

$$K(\Theta) \neq K(\mathcal{P})$$