

# Kullback–Leibler divergence

$$\mathcal{KL}(q \parallel p) = \int q(x) \log \frac{q(x)}{p(x)} dx$$

1.  $\mathcal{KL}(q \parallel p) \neq \mathcal{KL}(p \parallel q)$
2.  $\mathcal{KL}(q \parallel q) = 0$