

Categorical Distributions with Different Probability Vectors

$\mathbf{p} = (0.1, 0.2, 0.5, 0.2)$

$\mathbf{p} = (0.25, 0.25, 0.25, 0.25)$

$\mathbf{p} = (0.05, 0.15, 0.7, 0.1)$

