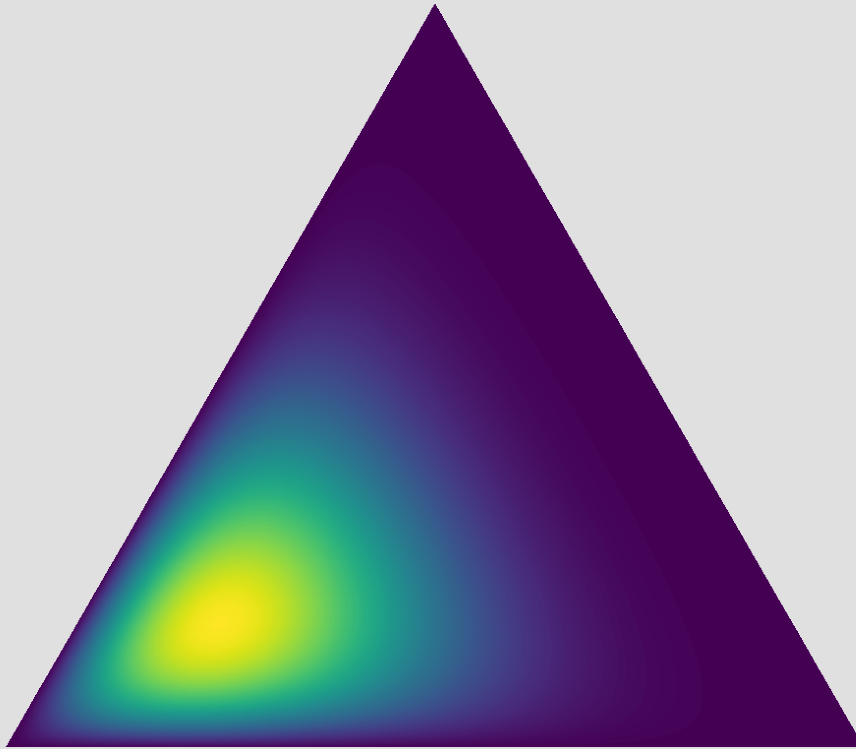
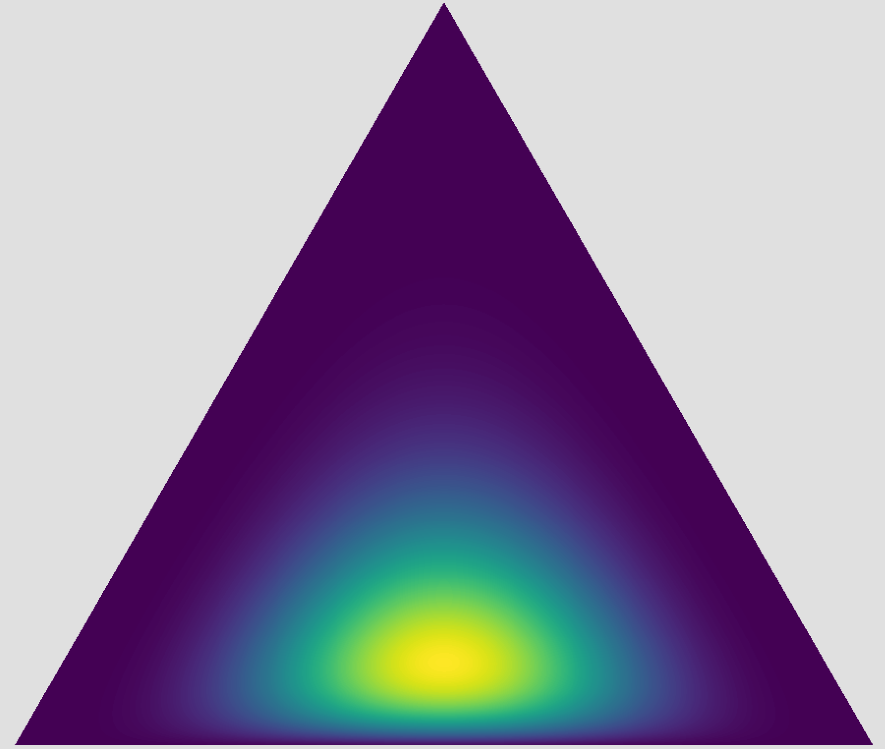


Dirichlet distribution

$$\text{Dir}(\theta|\alpha) = \frac{1}{B(\alpha)} \prod_{k=1}^K \theta_k^{\alpha_k - 1}$$



$$\alpha = (5, 2, 2)$$



$$\alpha = (5, 5, 2)$$

