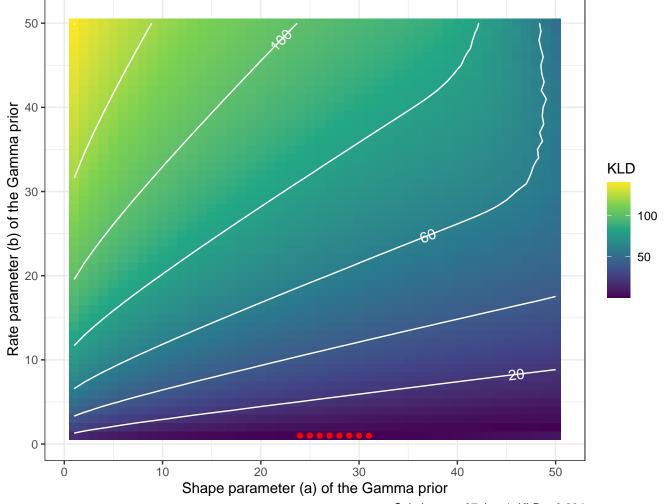The Kullback−Leibler divergence measure (J = 150, df = 50)

Assuming an informative prior on the number of clusters (K)

Solution: a = 27, b = 1, KLD = 0.094