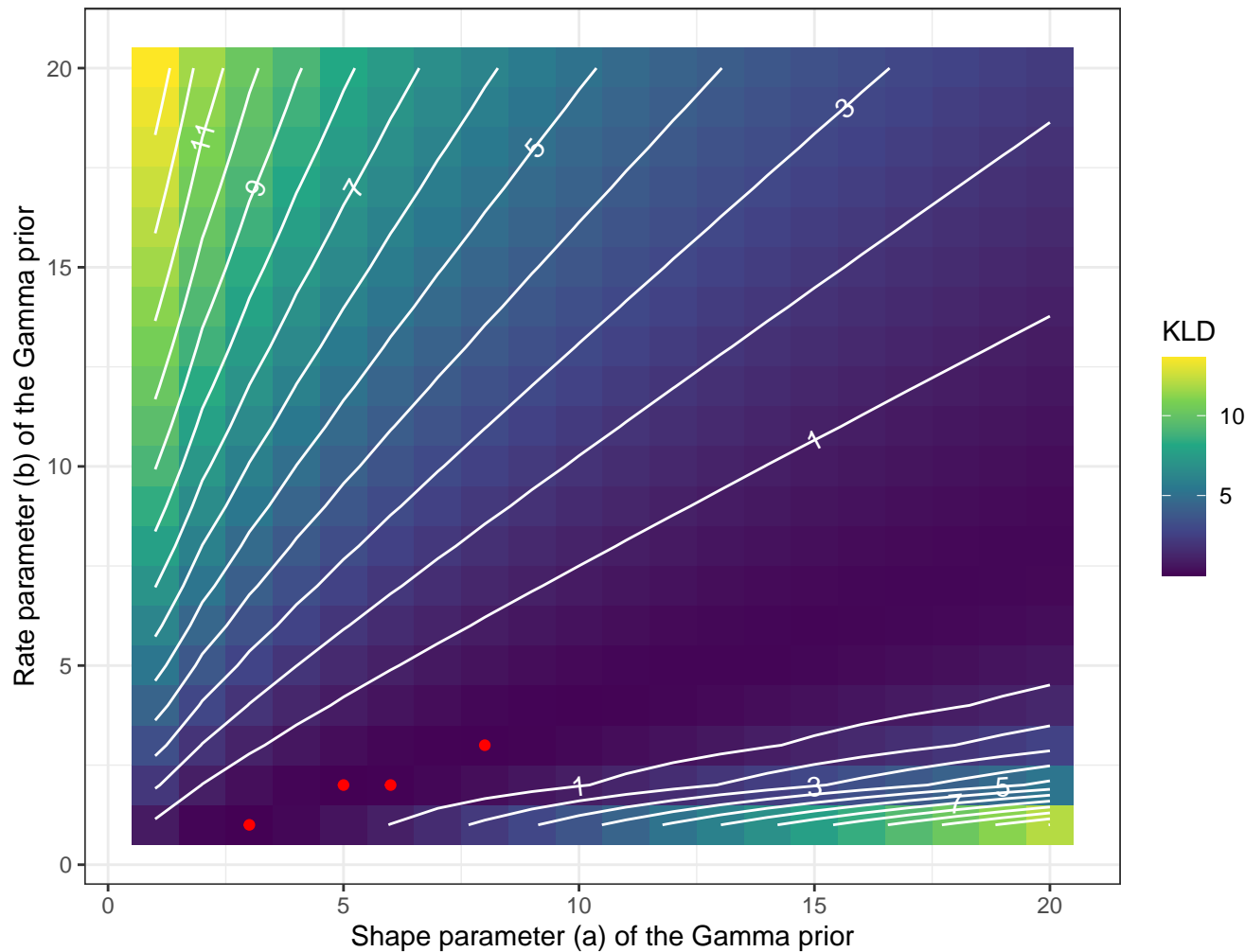The Kullback–Leibler divergence measure (J = 100, df = 10)

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

Solution: a = 5, b = 2, KLD = 0.021