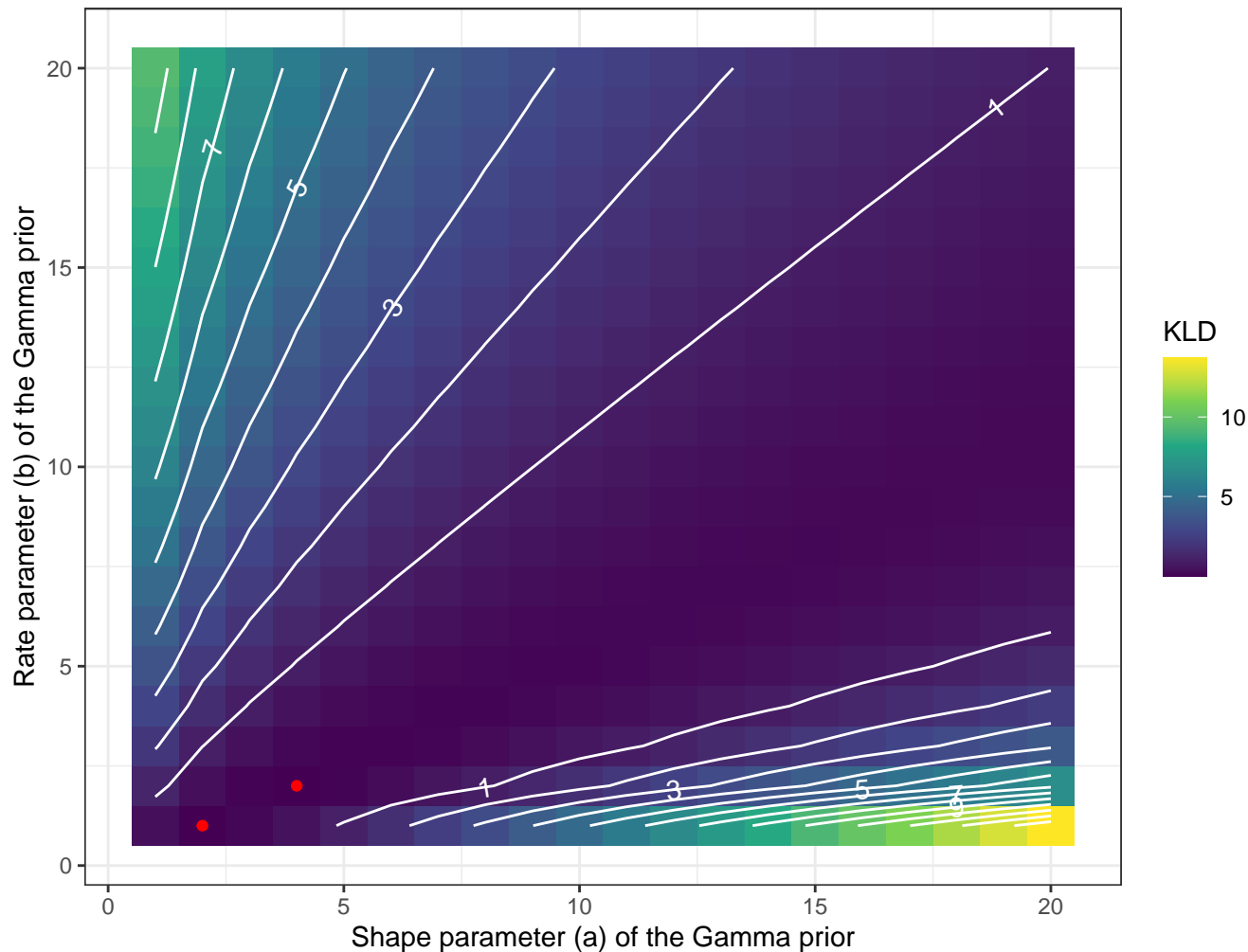


The Kullback–Leibler divergence measure ($J = 75$, $df = 7.5$)

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



Solution: $a = 2$, $b = 1$, $KLD = 0.019$