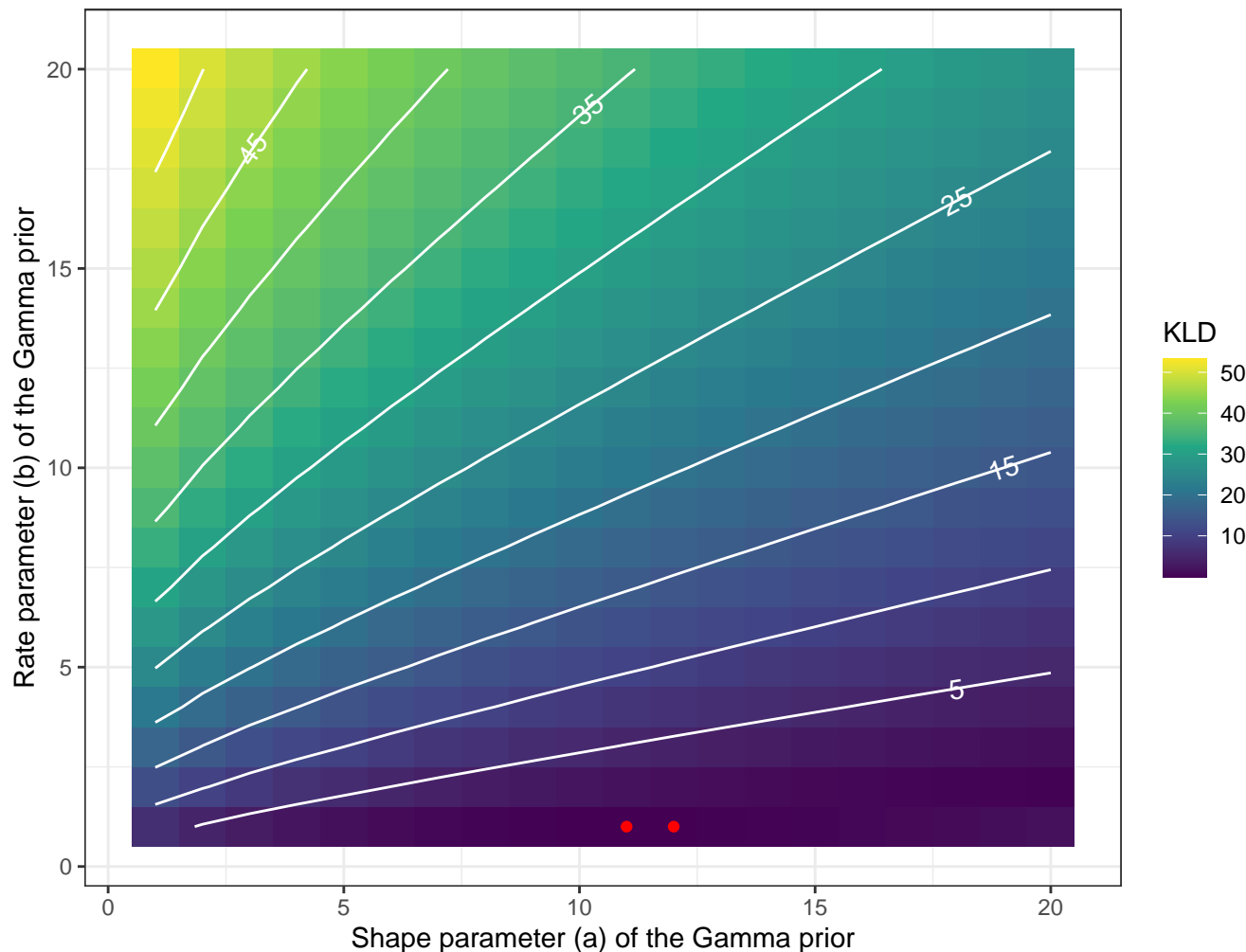


The Kullback–Leibler divergence measure ($J = 150$, $df = 30$)

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



Solution: $a = 11$, $b = 1$, $KLD = 0.022$