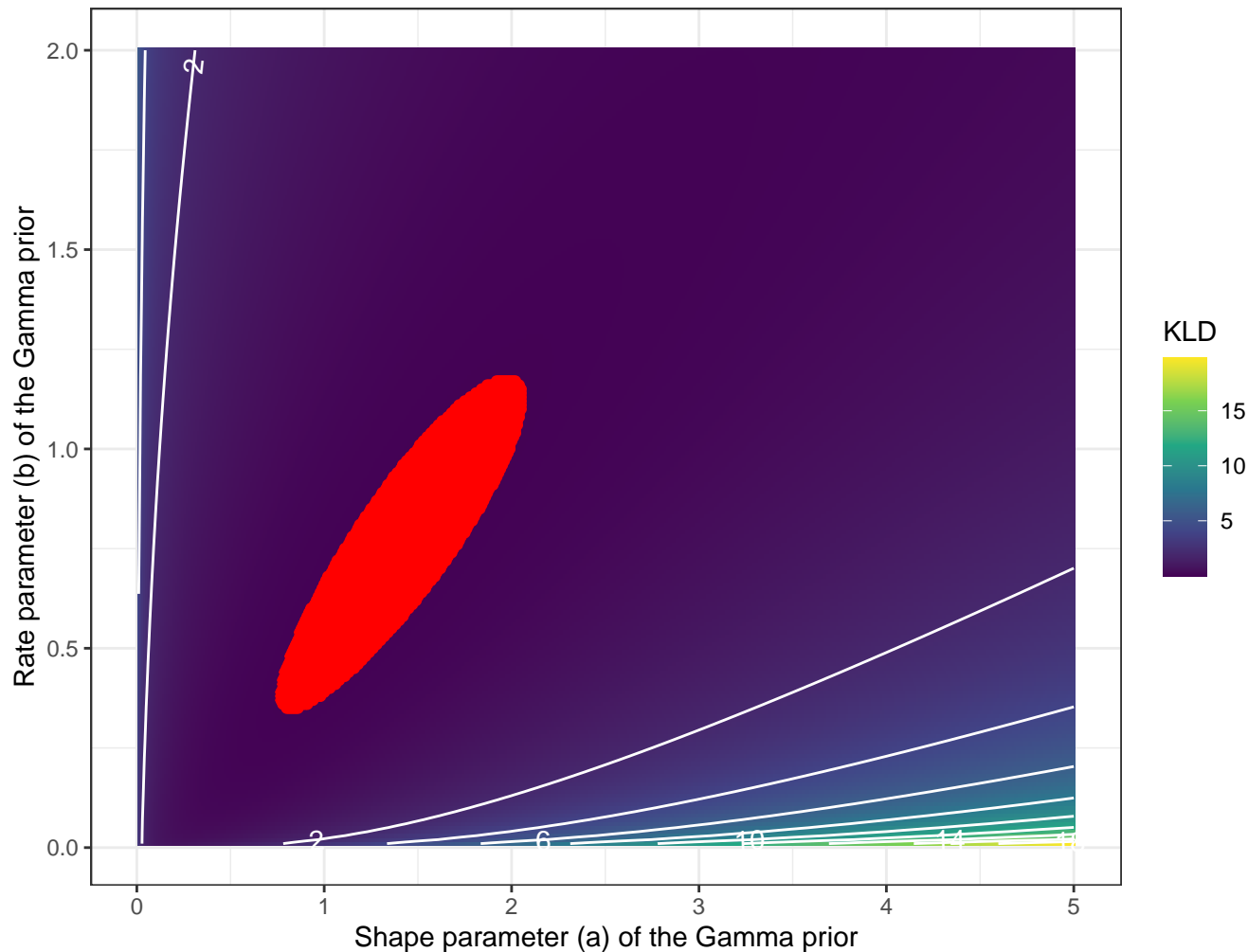


The Kullback–Leibler divergence measure ( $J = 25$ ,  $df = 5$ )

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



Solution:  $a = 1.23$ ,  $b = 0.64$ ,  $KLD = 0.016$