

Suppose you have a multi-class classification problem with k classes (so $y \in \{1, 2, \dots, k\}$). Using the 1-vs.-all method, how many different logistic regression classifiers will you end up training?

☐ $k - 1$

☒ k

Correct

☐ $k + 1$

☐ Approximately $\log_2(k)$