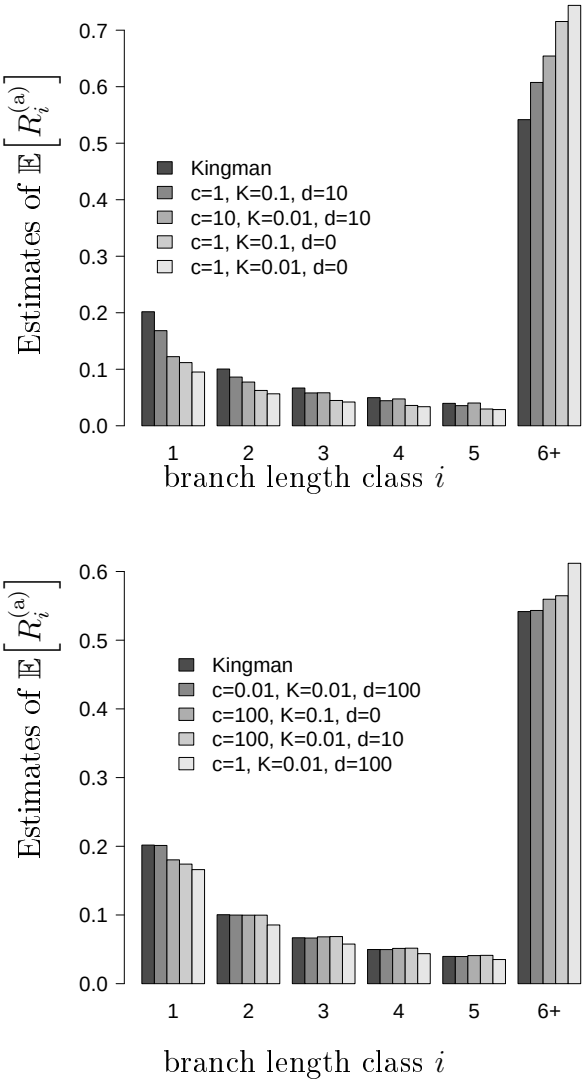

Figure S1: Expected normalised branch lengths. Estimates of the expected normalized branch lengths $\mathbb{E}\left[R_i^{(a)}\right]$, with $R_i^{(a)} := \frac{B_i^{(a)}}{B^{(a)}}$ with $B_i^{(a)}$ denoting the random total length of *active* branches subtending i leaves, and $B^{(a)}$ the sum of $B_i^{(a)}$; with all $n = 100$ sampled lines assumed active, and values of c, K, d as shown. The values labelled `6+` denote the collected tail $\overline{R}_6^{(a)} + \cdots + \overline{R}_{99}^{(a)}$. All estimates based on 10^5 replicates.