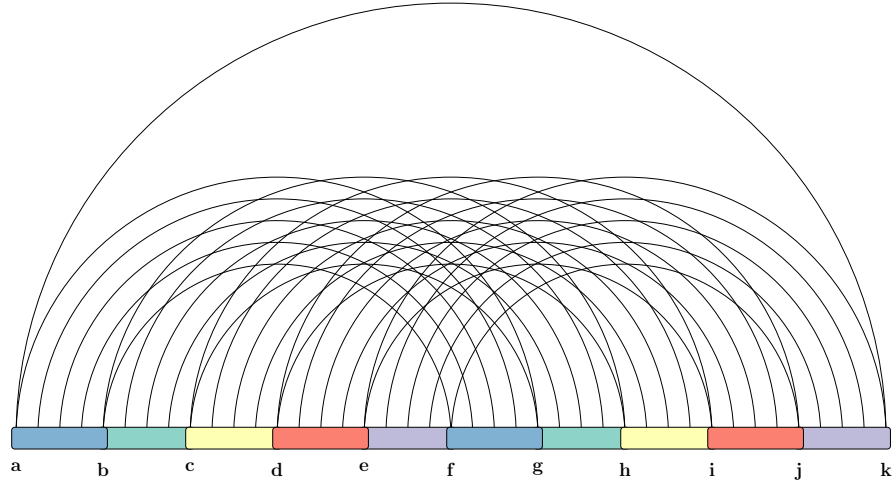


fatgraph name: K5



first and last anchors, already given: a, k

$$A = \min_{e,f,j} \left(B[e, a, f, j] + \text{purple box}[e, f, j, k] \right)$$

$$B[a, e, f, j] = \min_{d,i} \left(C[i, d, a, f] + \text{red box}[d, e, i, j] \right)$$

$$C[a, d, f, i] = \min_{b,g} \left(\text{blue box}[a, b, f, g] + D[g, i, d, b] \right)$$

$$D[b, d, g, i] = \min_{c,h} \left(\text{green box}[b, c, g, h] + \text{yellow box}[c, d, h, i] \right)$$

