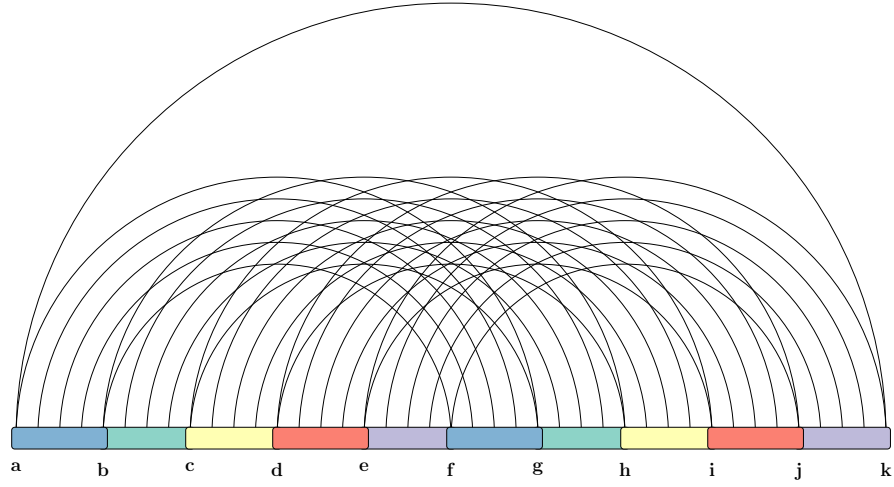


fatgraph name: K5



first and last anchors, already given: a, k

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

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

$$C[a, e, f, j] = \min \left(\text{purple}[e, f, j, k] \right)$$

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