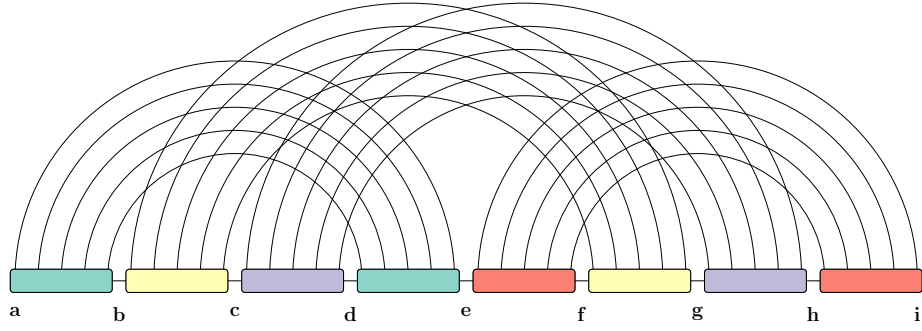


fatgraph name: M



first and last anchors, already given:  $a, i$

$$A = \min_{e,f,h} \left( B[a, e, f, h] + \text{red box } C_{\boxtimes}[e, f-1, h, i-1] \right)$$

$$B[a, e, f, h] = \min_{b,d} \left( \text{teal box } C_{\boxtimes}[a, b-1, d, e-1] + C[b, d, f, h] \right)$$

$$C[b, d, f, h] = \min_{c,g} \left( \text{purple box } C_{\boxtimes}[c, d-1, g, h-1] + \text{yellow box } C_{\boxtimes}[b, c-1, f, g-1] \right)$$