fatgraph name: M
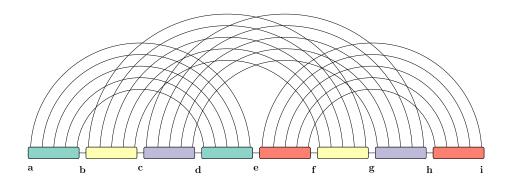

first and last anchors, already given: a, i

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

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

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