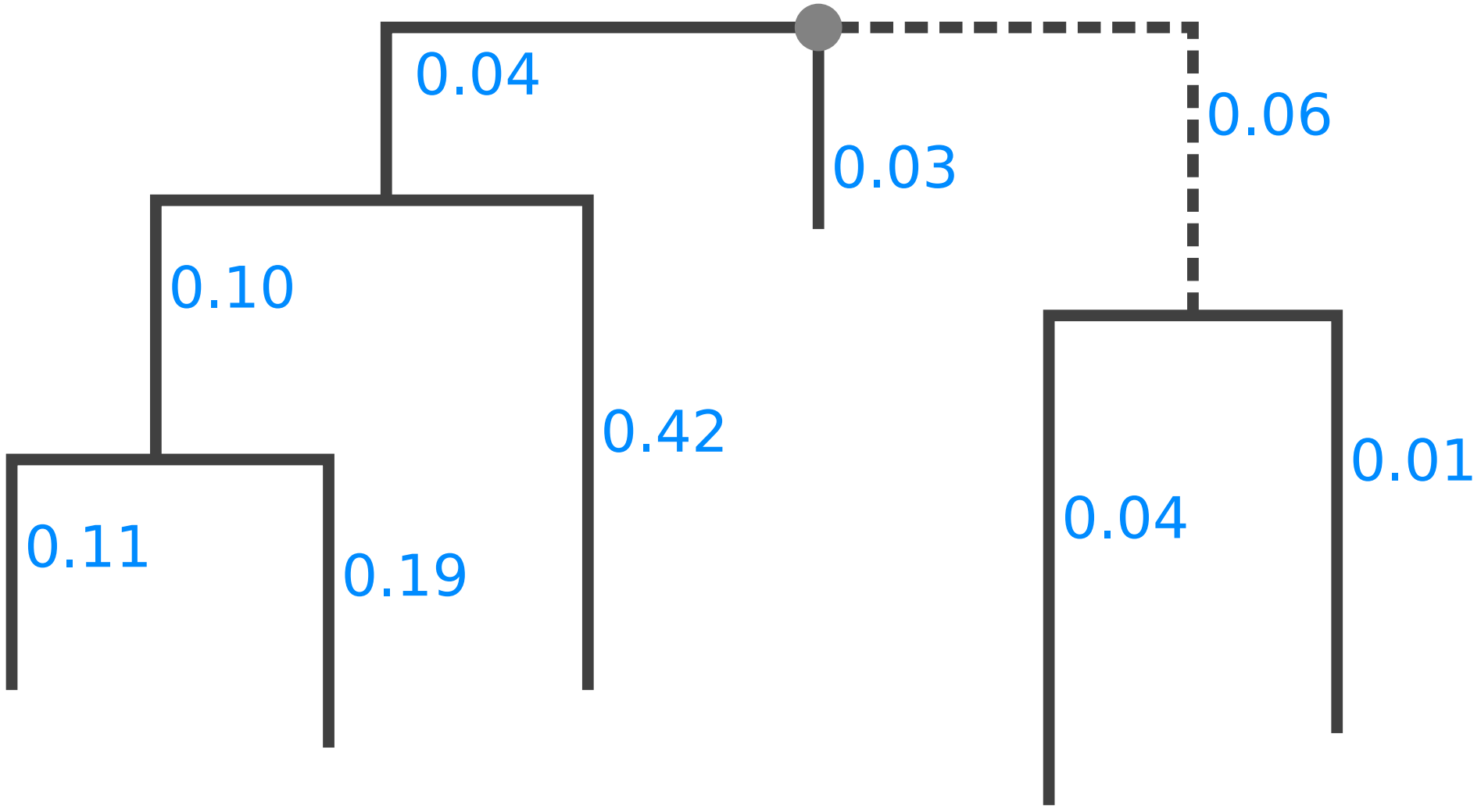

$$\mathrm{gm(R)} = \sqrt[6]{0.11 \cdot 0.19 \cdot 0.10 \cdot 0.42 \cdot 0.04 \cdot 0.03} = 0.10$$

$$\mathrm{gm(S)} = \sqrt[2]{0.04 \cdot 0.01} = 0.02$$

$$y^{*}(R,S) = \sqrt{\frac{6 \cdot 2}{6 + 2}} \cdot \log \frac{\mathrm{gm(R)}}{\mathrm{gm(S)}} = 1.97$$