

Site in HA

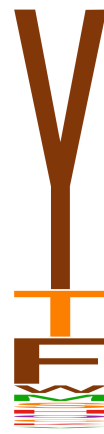
90

51

413

300

262



Implied dN/dS (w_r)

0.80

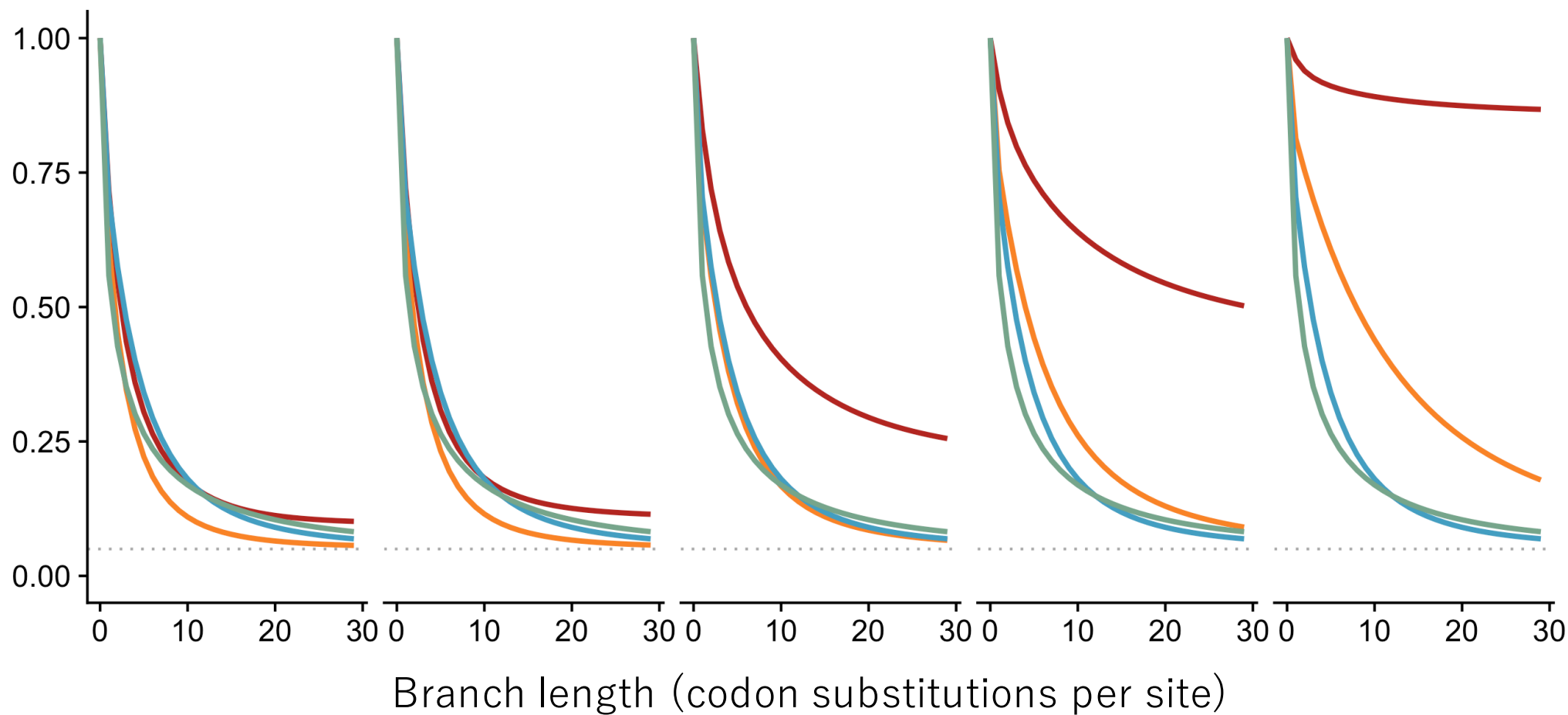
0.61

0.27

0.18

0.06

Expected pairwise amino-acid
identity at a site



Model ■ ExpCM ■ GY94 ■ GY94 + $\Gamma\omega$ ■ GY94 + implied dN/dS (ω_r)