

Errata I

Yang 2014 Molecular Evolution: A Statistical Approach

(This applies to the 2014 edition)

Page	Incorrect	Correct	Notes
p.67 eq. 2.38	V_0	U_0^{-1}	
p.105 figure 4.2 last number for node 6	0.004344	0.000444	
p.106 line -23	0.004344 = 0.003070	0.000444 = 0.002976	
p.123 line 15	Yang, Lauder, and Lin (1995b);	Yang, Lauder, and Lin (1995c);	
p.138 line -12	$\pi_1 = x_1/s, \pi_2 = x_2/s, \pi_3 = x_3/s$	$\pi_1 = e^{x_1}/s, \pi_2 = e^{x_2}/s, \pi_3 = e^{x_3}/s$	
p.196 in Eq. 6.33	$\exp\{-$	$\exp\{$	delete the minus sign
p.196 line -12	$(L_1 + L_1)$	$(L_0 + L_1)$	
p.197 1.16	Bayesians	Bayesian	
p.198 line 2	have the same K-L divergence from the true model	are all correct and encompass the true model	
p.209 fig.6.8			The lines in fig.6.8b should be shifted to the right to align with the x axis. See attached figure.
p.232 above eq. 7.37	EA^nE^{-T}	EA^nE^{-1}	change $-T$ into -1
p.233, 3 lines above eq. 7.40.	gives the efficiency	gives the variance	
p.238 1.-7	EA^nE^{-T}	EA^nE^{-1}	change $-T$ into -1
p.294, figure 8.11a			Label the mother node of node a as u and the daughter node as v . See attached figure.
p.294, lines 2-3	the proposal ratio will be one. Otherwise the proposal ratio will be the ratio of the uniform and	the proposal ratio will be the ratio of the uniform densities for the age of node a at the source and target. Otherwise it will be the	

	exponential densities for the age of node a :	ratio of the uniform and exponential densities.	
p.294, first line within eq. 8.29	1	$\frac{1/(t_u - \max\{t_x, t_v\})}{1/(t_b - \max\{t_x, t_y\})}$	
p.310 fig. 9.1b	MRCA →	MRCA →	arrow should point to the node in the gene tree
p.329 l.-7	τ s	τ s	remove space
p.337 below eq. 9.47	species'	species	
p.335 l.-3	Liu et al. (2010b)	Liu et al. (2010a)	
p.336 paragraph 1 in Sec 9.4.3.2	Liu et al. (2010a)	Liu et al. (2010b)	twice
p.338 paragraph above Sec 9.4.3.3	Liu et al. (2010a)	Liu et al. (2010b)	
p.338 paragraph 1 in Sec 9.4.3.3	Liu et al. (2010b)	Liu et al. (2010a)	
p.480	Steel, M.	Steel, M.A.	twice, and reorder references
p.196 in Eq. 6.33	$\exp\{-$	$\exp\{$	delete the minus sign
p.196 line -12	$(L_1 + L_1)$	$(L_0 + L_1)$	
p.198 line 2	have the same K-L divergence from the true model	are all correct and encompass the true model	
p.233 line 3 below Eq. 7.40	$E = 1/(2\pi_2 - 1)$	$E = 1/(1 - 2\pi_2)$	
p.257 table 7.6 first column	B_{01}	$B_{10} = 1/B_{01}$	

Thanks to Utkarsh J Dang, Chi Zhang, Tianqi Zhu for corrections.