

Additional file 3. LMM investigating alpha diversity in Bengalese finches across ontogenetic stages. P-values ≤ 0.05 are shown in bold.

Bengalese finch Shannon's Diversity					
LMM	Est.	Std. Er.	CI	p	
Intercept	0.94	14	0.66	1.22	<0.001
Random Effects					
δ^2	0.2				
τ_{00} (Rearing nest)	0.01				
ICC	0.04				
N (Rearing nest)	8				
Observations	78				
Marginal /Conditional R2	0.045/0.087				
Pairwise Comparisons					
Group 1	Group 2	Est.	Std. Er	t	p
BF juvenile Day5	BF adult Day100	0.151	0.176	0.855	0.395
BF juvenile Day10	BF adult Day100	0.098	0.174	0.561	0.576
BF juvenile Day35	BF adult Day100	0.300	0.174	1.726	0.088
BF juvenile Day100	BF adult Day100	0.232	0.174	1.333	0.186
BF juvenile Day10	BF juvenile Day5	0.053	0.156	0.341	0.734
BF juvenile Day35	BF juvenile Day5	0.149	0.156	0.958	0.341
BF juvenile Day100	BF juvenile Day5	0.081	0.156	0.520	0.604
BF juvenile Day35	BF juvenile Day10	0.203	0.153	1.320	0.191
BF juvenile Day100	BF juvenile Day10	0.134	0.153	0.875	0.384
BF juvenile Day100	BF juvenile Day35	0.068	0.153	0.445	0.658

Bengalese finch Faith's PD					
LMM	Est.	Std. Er.	CI	p	
Intercept	2.86	0.14	2.59	3.14	<0.001
Random Effects					
δ^2	0.18				
τ_{00} (Rearing nest)	0.02				
ICC	0.1				
N (Rearing nest)	8				
Observations	78				
Marginal/Conditional R2	0.129/0.217				
Pairwise Comparisons					
Group 1	Group 2	Est.	Std. Er.	t	p
BF juvenile Day5	BF adult Day100	0.579	0.16676	3.472	< 0.001
BF juvenile Day10	BF adult Day100	0.34388	0.16443	2.091	0.04
BF juvenile Day35	BF adult Day100	0.41201	0.16443	2.506	0.014
BF juvenile Day100	BF adult Day100	0.32722	0.16443	1.99	0.050
BF juvenile Day10	BF juvenile Day5	0.23513	0.14698	1.6	0.114
BF juvenile Day35	BF juvenile Day5	0.16699	0.14698	1.136	0.259
BF juvenile Day100	BF juvenile Day5	0.25178	0.14698	1.713	0.091
BF juvenile Day35	BF juvenile Day10	0.06814	0.14462	0.471	0.639
BF juvenile Day100	BF juvenile Day10	0.01665	0.14462	0.115	0.909
BF juvenile Day100	BF juvenile Day35	0.08479	0.14462	0.586	0.559