

**Table S4 - Effects of life-history variables on mtDNA substitution rate in passerines versus other bird species according the different combination of topologies and programs.**

		Passerines (n=88)					Non-passerines (n=108)				
		slope	R <sup>2</sup>	p1	p2		slope	R <sup>2</sup>	p1	p2	
MULTIDIVTIM E & Ericson topology	Body mass						-0.15	0.09	<b>&lt;0.01</b>		
	Maximum longevity	0.22	0.12	<b>&lt;0.01</b>			-0.37	0.07	<b>0.01</b>		
	Body mass + Maximum longevity	0.48	0.15	<b>&lt;0.01</b>			0.11	<b>0.04</b>	0.13		
MCMCTREE & Mitochondrial topology	Body mass	-0.24		<b>&lt;0.01</b>			-0.10	0.14	<b>&lt;0.01</b>		
	Maximum longevity		0.11				-0.25	0.11	<b>&lt;0.01</b>		
	Body mass + Maximum longevity		-0.29	0.04	<b>0.05</b>		0.17		<b>&lt;0.01</b>	0.06	
MCMCTREE & Ericson topology	Body mass			<b>&lt;0.01</b>			-0.08	0.07	<b>&lt;0.01</b>		
	Maximum longevity	-0.25	0.11				0.06		<b>0.01</b>		
	Body mass + Maximum longevity		-0.30	0.05	<b>0.05</b>		-0.20			0.18	

