

Table 2. Estimates and higher and lower 95% credibility intervals (CI) for LD<sub>50</sub> and mean volume. Fixed factors include mass; LD<sub>50</sub> method (subcutaneous (SC), intravenous (IV), intrapulmonary (IP) and intramuscular (IM)); habitat dimensionality (Dim- 2D and 3D); Presence of eggs in diet (Eggs in Diet) and the mean phylogenetic distance between diet species and the LD<sub>50</sub> model (Diet-LD<sub>50</sub> Dist). The random terms and the co-variance (CV) between LD<sub>50</sub> and volume are also presented. The model was run with 12,000,000 iterations with a 2,000,000 burn-in and a thinning of 5000.

	<u>LD<sub>50</sub></u>			<u>Mean Volume</u>		
	Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
<b>Fixed Terms</b>						
Intercept	0.200	-0.161	0.567	0.200	-0.161	0.567
Mass	<b>0.134</b>	<b>0.016</b>	<b>0.262</b>	<b>0.510</b>	<b>0.442</b>	<b>0.564</b>
LD <sub>50</sub> method <sub>SC</sub>						
IV	<b>-0.624</b>	<b>-0.842</b>	<b>-0.435</b>	-0.011	-0.052	0.030
IP	<b>-0.537</b>	<b>-0.746</b>	<b>-0.309</b>	-0.010	-0.049	0.033
IM	-0.228	-0.455	0.049	-0.009	-0.056	0.042
Dim <sub>2D</sub>						
3D	-0.202	-0.670	0.243	<b>-0.829</b>	<b>-1.286</b>	<b>-0.396</b>
Eggs in Diet	0.448	-0.162	0.021	<b>-0.741</b>	<b>-1.325</b>	<b>-0.206</b>
Diet-LD <sub>50</sub> Dist	<b>0.360</b>	<b>0.248</b>	<b>0.463</b>	-0.003	-0.029	0.019
<b>Random Terms</b>						
Phylogeny	0.909	0.479	1.452	0.456	0.145	0.847
Phylogeny CV	-0.003	-0.290	0.301	-0.003	-0.290	0.301
Species	0.055	0.001	0.170	0.308	0.156	0.462
Species CV	0.030	-0.040	0.118	0.030	-0.040	0.118
Residuals	0.268	0.215	0.328	0.009	0.007	0.011
Residuals CV	0.003	-0.004	0.011	0.003	-0.004	0.011