

## Supplement 2

### Eigenvalues and PCoA results for Plesiosauria

Axis	Eigenvalue	Percent
1	0.88572	43.153
2	0.30523	14.871
3	0.13486	6.5703
4	0.092877	4.525
5	0.074476	3.6285
6	0.052233	2.5449
7	0.039343	1.9168
8	0.030102	1.4666
9	0.024593	1.1982
10	0.018007	0.8773
11	0.014613	0.71196
12	0.011451	0.55788
13	0.0085585	0.41698
14	0.0052774	0.25712
15	0.0042913	0.20908
16	0.0032969	0.16063
17	0.0023737	0.11565
18	0.0018159	0.088473
19	0.00095975	0.04676
20	0.00049405	0.024071





