Papilonoidea genera: log-transformed contrasts with pearson correlation (prop\_generalist is arcsin-sqrt transformed) dN\_contrast dS\_contrast n\_host\_species\_contrast n\_species\_contrast n\_host\_families\_contrast baseml\_bl\_contrast prop\_generalist\_contrast dN\_contrast Corr: Corr: Corr: Corr: Corr: Corr: 0.111 0.222 -0.0840.267 0.310\* 0.242 dS\_contrast Corr: Corr: Corr: Corr: Corr: 0.234 0.953\*\*\* 0.064 0.006 -0.106n\_host\_species\_contrast 2 -Corr: Corr: Corr: Corr: 0.207 0.824\*\*\* 0.099 0.809\*\*\* n\_species\_contrast 6 -Corr: Corr: Corr: 0.077 -0.031800.0 n\_host\_families\_contrast Corr: Corr: 0.549\*\*\* 0.260 baseml\_bl\_contrast Corr: -0.059

