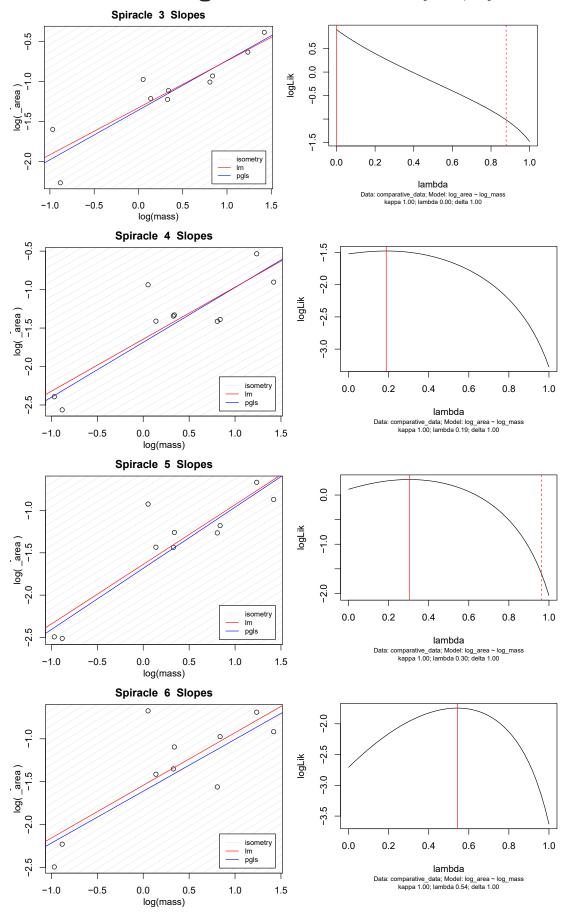
area vs mass regression Spiracle S Slopes Likelihood space, λ parameter 0 0.0 4.5 logLik log(_area) -0.5 0 -1.0 isometry 0.0 0.2 0.4 0.6 8.0 1.0 lm pgls lambda Data: comparative_data; Model: log_area ~ log_mass kappa 1.00; lambda 0.68; delta 1.00 -1.0 -0.5 0.0 0.5 1.0 1.5 log(mass) Spiracle T Slopes 0 0.0 2.0 1.5 -0.5 logLik 1.0 log(_area) -1.0 -(0.5 0.0 -1.5 0.0 0.2 0.4 0.6 8.0 1.0 pgls lambda Data: comparative_data; Model: log_area ~ log_mass kappa 1.00; lambda 0.00; delta 1.00 -1.0 -0.5 0.0 0.5 1.0 1.5 log(mass) Spiracle 1 Slopes -0.5 0 0.0 -0.5 -1.5 logLik log(_area) 5 -1.0 --2.5-1.5 isometry 0.0 0.2 0.4 0.6 8.0 1.0 lm pgls 0 lambda Data: comparative_data; Model: log_area ~ log_mass kappa 1.00; lambda 0.00; delta 1.00 0.0 -1.0 -0.5 0.5 1.0 1.5 log(mass) Spiracle 2 Slopes -0.5 -2.5 log(_area) -1.5 -1.0 logLik -3.0 -3.5 -2.0 isometry Im 0.0 0.2 0.4 0.6 8.0 1.0 pgls lambda Data: comparative_data; Model: log_area ~ log_mass kappa 1.00; lambda 0.00; delta 1.00 -1.0 0.0 -0.5 0.5 1.0 1.5 log(mass)

area vs mass regression

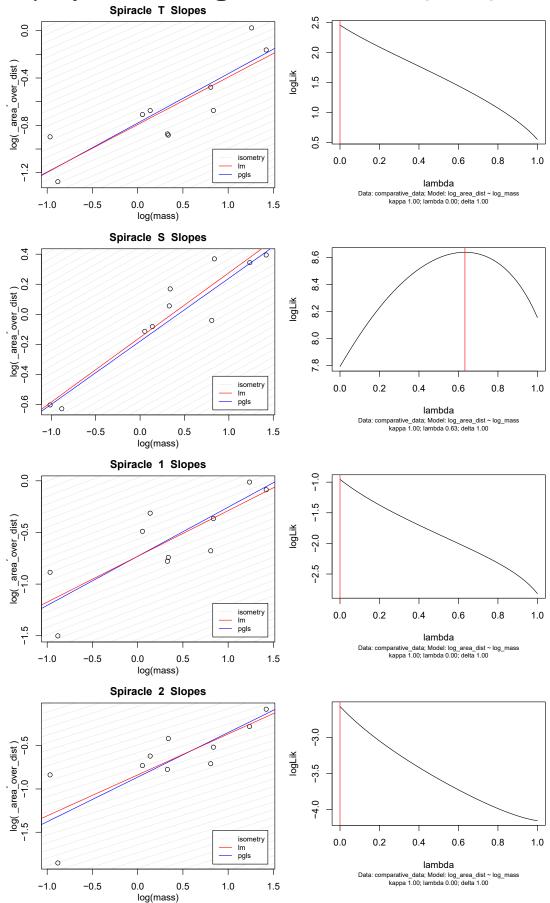
Likelihood space, λ parameter



depth vs mass regression Spiracle S Slopes Likelihood space, λ parameter 0.0 9.5 -0.2 logLik 0 log(_dist) -0.4 8.5 0 8.0 9.0isometry 1.0 0.0 0.2 0.4 0.6 8.0 pgls lambda Data: comparative_data; Model: log_dist ~ log_mass kappa 1.00; lambda 0.00; delta 1.00 -1.0 -0.5 0.0 0.5 1.0 log(mass) Spiracle T Slopes 1.4 11.0 log(_dist) -0.4 -0.2 logLik 10.6 10.2 0.0 1.0 0.2 0.4 0.6 8.0 lm lambda Data: comparative_data; Model: log_dist ~ log_mass kappa 1.00; lambda 1.00; delta 1.00 -1.0 -0.5 0.0 0.5 1.0 1.5 log(mass) Spiracle 1 Slopes 5.1 0.0 0 4.9 logLik 4.7 4.5 isometry 0.0 0.2 0.4 0.6 0.8 1.0 lm pgls lambda Data: comparative_data; Model: log_dist ~ log_mass kappa 1.00; lambda 0.00; delta 1.00 0.5 0.0 -1.0 -0.5 1.0 1.5 log(mass) Spiracle 2 Slopes 0 0.0 8.6 8.4 log(_dist) -0.4 -0.2 logLik 8.2 8.0 9.0isometry 0.6 1.0 0.0 0.2 0.4 8.0 pgls lambda Data: comparative_data; Model: log_dist ~ log_mass kappa 1.00; lambda 0.00; delta 1.00 -1.0 -0.5 0.0 0.5 1.0 1.5 log(mass)

depth vs mass regression Spiracle 3 Slopes Likelihood space, λ parameter 6.0 0.0 5.6 log(_dist) -0.4 -0.2 logLik 5.4 5.2 5.0 9.0isometry 0.0 0.2 0.4 0.6 8.0 1.0 lm pgls lambda Data: comparative_data; Model: log_dist ~ log_mass kappa 1.00; lambda 0.00; delta 1.00 -0.5 0.5 -1.0 0.0 1.0 1.5 log(mass) Spiracle 4 Slopes 0 0.2 5.5 0.0 logLik 5.0 log(_dist) -0.4 -0.2 4.5 9.0isometry 0.0 0.2 0.6 8.0 1.0 0.4 lm pgls lambda Data: comparative_data; Model: log_dist ~ log_mass kappa 1.00; lambda 0.00; delta 1.00 -1.0-0.5 0.5 1.0 1.5 log(mass) Spiracle 5 Slopes 0.2 8.0 0.0 logLik log(_dist) -0.4 -0.2 7.6 9.0-0.0 0.2 0.4 0.6 8.0 1.0 -0.8 pgls 0 lambda Data: comparative_data; Model: log_dist ~ log_mass kappa 1.00; lambda 0.00; delta 1.00 -1.0 -0.5 0.0 0.5 1.0 1.5 log(mass) Spiracle 6 Slopes 0 0 0.2 6.5 0.9 log(_dist) -0.4 -0.2 0.0 logLik 5.5 5.0 4.5 9.0isometry 0.0 0.2 0.4 0.6 8.0 1.0 -0.8 lambda Data: comparative_data; Model: log_dist ~ log_mass kappa 1.00; lambda 0.00; delta 1.00 -1.0 0.0 0.5 -0.5 1.0 1.5 log(mass)

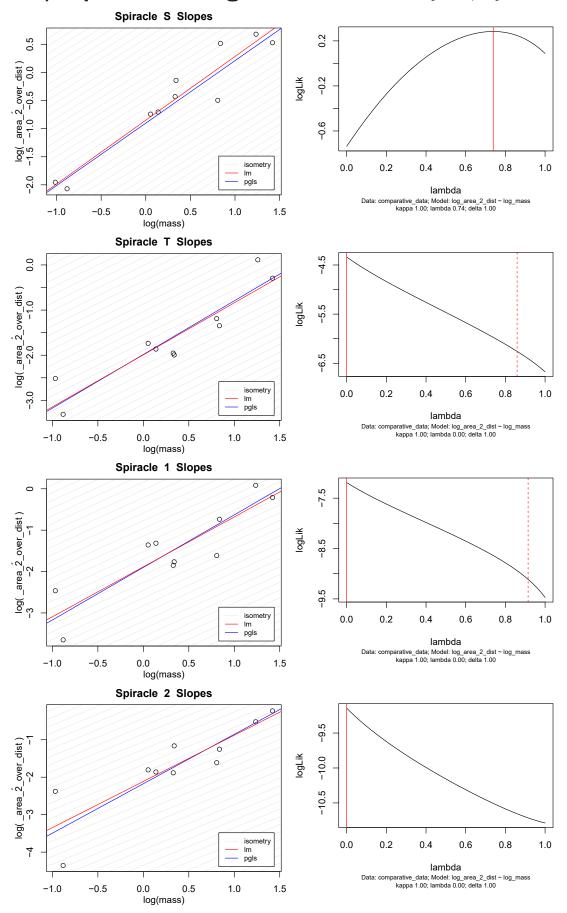
area/depth vs mass regression Likelihood space, λ parameter



area/depth vs mass regression Spiracle 3 Slopes Likelihood space, λ parameter -0.4 00 logLik 0 -3.0 isometry Im 0.2 0.0 0.4 0.6 8.0 1.0 pgls lambda Data: comparative_data; Model: log_area_dist ~ log_mass kappa 1.00; lambda 0.00; delta 1.00 -1.0 -0.5 0.0 0.5 1.0 1.5 log(mass) Spiracle 4 Slopes 0 9.0log(_area_over_dist) -1.4 -1.0 0 -1.0 logLik 4.1-0 1.8 isometry 0.0 0.2 0.4 0.6 8.0 1.0 pgls lambda Data: comparative_data; Model: log_area_dist ~ log_mass kappa 1.00; lambda 0.75; delta 1.00 -1.0 -0.5 0.0 0.5 1.0 1.5 log(mass) Spiracle 5 Slopes -0.8 0 -1.2 0 logLik -1.6 0 0 -2.0 0 isometry 0.0 0.2 0.4 0.6 8.0 1.0 <u>1</u>. lm pgls lambda Data: comparative_data; Model: log_area_dist ~ log_mass kappa 1.00; lambda 0.49; delta 1.00 0.5 -1.0 -0.5 0.0 1.0 1.5 log(mass) Spiracle 6 Slopes -2.0 -2.5 log(_area_over_dist) -1.5 -1.0 logLik 0 -3.0 0 isometry 0.0 0.2 0.4 0.6 8.0 1.0 lm pgls lambda Data: comparative_data; Model: log_area_dist ~ log_mass kappa 1.00; lambda 0.71; delta 1.00 -1.0 -0.5 0.0 0.5 1.0 1.5

log(mass)

area 2 /depth vs mass regression Likelihood space, λ parameter



area 2 /depth vs mass regression Likelihood space, λ parameter Spiracle 3 Slopes

