

Figures

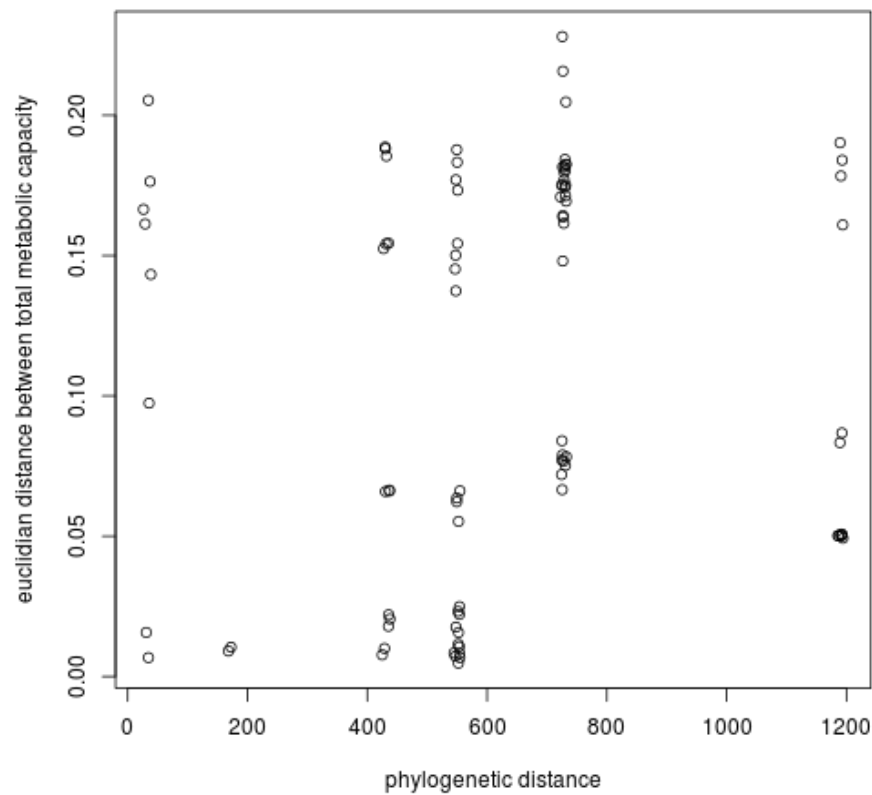


Figure 1: plot of chunk data_clean

```
## Error: object 'predator.occure.matrix' not found
```

Statistics on euclidian distance results:

```
##
## Call:
## lm(formula = pred_abd_matrix[lower.tri(pred_abd_matrix)] ~ pred_phylo_matrix[lower.tri(p
##
## Residuals:
##      Min       1Q   Median       3Q      Max
```

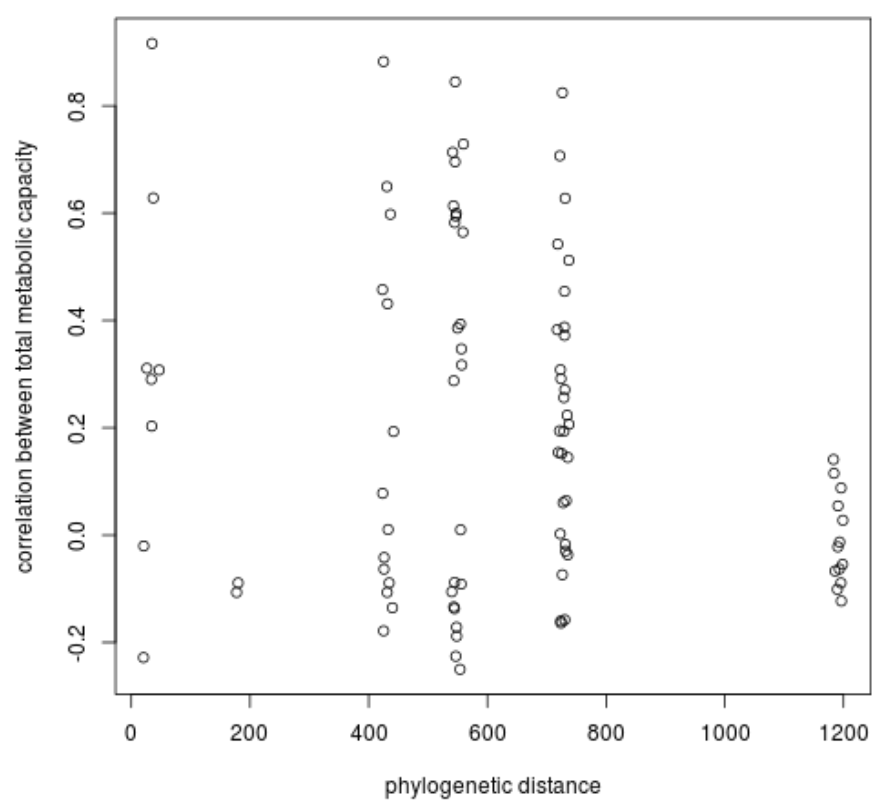


Figure 2: plot of chunk data_clean

```
## -0.10130 -0.06906 0.00181 0.06564 0.11830
##
## Coefficients:
##                                     Estimate Std. Error
## (Intercept)                       9.48e-02  1.71e-02
## pred_phylo_matrix[lower.tri(pred_phylo_matrix)] 2.06e-05  2.45e-05
##                                     t value Pr(>|t|)
## (Intercept)                        5.55    3e-07 ***
## pred_phylo_matrix[lower.tri(pred_phylo_matrix)] 0.84    0.4
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.0707 on 89 degrees of freedom
## Multiple R-squared: 0.00784, Adjusted R-squared: -0.00331
## F-statistic: 0.703 on 1 and 89 DF, p-value: 0.404

## $z.stat
## [1] 6328
##
## $p
## [1] 0.561
##
## $alternative
## [1] "two.sided"
```

Statistics on correlation results:

```
##
## Call:
## lm(formula = pred_cor_matrix[lower.tri(pred_cor_matrix)] ~ pred_phylo_matrix[lower.tri(p
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.5484 -0.2371 -0.0235  0.2030  0.6499
##
## Coefficients:
##                                     Estimate Std. Error
## (Intercept)                       0.326564  0.073392
## pred_phylo_matrix[lower.tri(pred_phylo_matrix)] -0.000209  0.000105
##                                     t value Pr(>|t|)
## (Intercept)                        4.45  2.5e-05 ***
## pred_phylo_matrix[lower.tri(pred_phylo_matrix)] -1.98    0.05 .
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
```

```
## Residual standard error: 0.304 on 89 degrees of freedom
## Multiple R-squared:  0.0424, Adjusted R-squared:  0.0316
## F-statistic: 3.94 on 1 and 89 DF,  p-value: 0.0503

## $z.stat
## [1] 9428
##
## $p
## [1] 0.241
##
## $alternative
## [1] "two.sided"
```

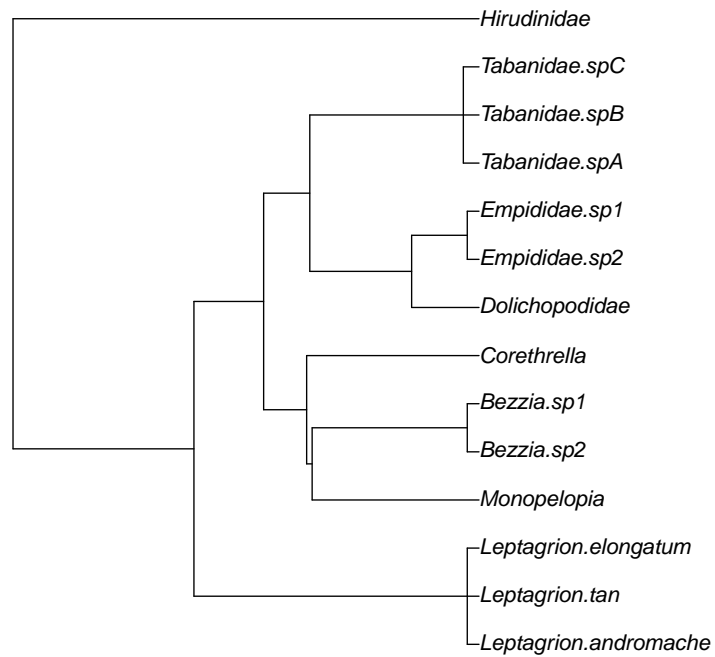


Figure 3: FALSE

```
## Error: object 'dist.mat' not found
```

Figure 1

similarity between predators in diet composition in food web trials, as predicted by phylogenetic distance.