



### Settings

Alignment: ☒ PCA ☐ PaCA

Centering: ☒ OLS ☐ GLS

[Export Rotation Loadings](#)

X axis:  [Flip](#)

Y axis:  [Flip](#)

Point Size:

Point Shape:

Point Color:  [Other](#)

Show: ☐ Point Labels

[Export Current Data](#)

Model Tested: Shape – Centroid Size + Discrete Example Data A

### Results:

#### Model Fit Output

Linear Model fit with `lm.rppp`

Number of observations: 9  
Number of dependent variables: 22  
Data space dimensions: 8  
Sums of Squares and Cross-products: Type I  
Number of permutations: 1000  
Call: `procD.lm(fl = shape ~ csize + trait_1, iter = iter, seed = seed, RRPP = TRUE, S5.type = S5.type, effect.type = effect.type, int.first = int.first, Cov = Cov, data = data, print.progress = print.progress)`

#### ANOVA Table

	Df	SS	MS	Rsq	F	Z	Pr(>F)
Centroid Size	1	0.0000631	0.0000631	0.15	1.14	0.388	0.347
Discrete Example Data A	2	0.0000812	0.0000406	0.193	0.736	-0.573	0.733
Residuals	5	0.0002758	0.0000552	0.656			
Total	8	0.0004202					

#### Procrustes Group Variances

	Var
1	0.00049641
2	0.00034866
3	0.00034786

#### Evolutionary Rates (sigma\_d)

1	0.00000241
2	0.00000172
3	0.00000181
Overall Rate	0.00000212
Effect Size	-1.73193583
Overall P	0.96000000

### Settings

#### Independent Variables Tested:

- ☒ Discrete Example Data A  
☐ Discrete Example Data B  
☒ Centroid Size

#### Trait Order:

Centroid Size

Discrete Example Data A

#### Analysis Type:

- ☒ PGLS  
☐ OLS

#### Trait Grouping for Pairwise Comparisons:

- ☐ Not Run  
☒ Discrete Example Data A

#### Morphological Disparity Groups Tested:

- ☐ Not Run  
☒ Discrete Example Data A

#### Evolutionary Rate Groups Tested:

- ☐ Not Run  
☒ Discrete Example Data A

#### Number of Permutations:

999