Results

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Now I compare the matrix of effect, which is the matrix of cross scaled seed set minus the matrix of mean scaled seed set with the treatments per species.

Part 1 Relation between effect of Hp and evolutive distance

1) With the RBCL marker

Mantel effect~evolutive distance

r	p	Analysis	Type
0.2558924	0.033	Mantel	normal evolutive distance
0.2949348	0.016	Mantel	sqrt evolutive distance
0.3466341	0.714	Procustes	normal evolutive distance
0.4666208	0.640	Procustes	sqrt evolutive distance

I wonder if the matrices are too small for procustes, is a general trend for all the analysis that I have done with it this kind of result.

2) With the ITS marker

r	p	Analysis	Type
0.2743059	0.026	Mantel	normal evolutive distance
0.2891004	0.024	Mantel	sqrt evolutive distance
0.4217703	0.775	Procustes	normal evolutive distance
0.5317588	0.724	Procustes	sqrt evolutive distance

Part 2 Relation between effect of Hp and traits