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Plant Ecology

**Community assembly processes along a sub-Mediterranean elevation gradient: analyzing the interdependence of trait community weighted mean and functional diversity.**

Alessandro Bricca<sup>1</sup>, Luisa Conti<sup>2</sup>, Maria Federico Tardella<sup>3</sup>, Andrea Catorci<sup>3</sup>, Marco Iocchi<sup>1</sup>, Jean-Paul Theurillat<sup>4</sup>, Maurizio Cutini<sup>1</sup>

Maurizio Cutini, Department of Science, University of Roma Tre, Rome, Italy  
email: [maurizio.cutini@uniroma3.it](mailto:maurizio.cutini@uniroma3.it)

Online Resource 3.

**Table 3.1** Correlation between ranks of original data (*i.e.* all available species trait measurement) and ranks of each reduction step of 0.05 for a “pool-wise scenario” (see Májeková et al., 2013) performed for each belt separately. All the indices are not transformed.

Elevation section	Cover Remain	Plant Height		SLA		Seed Mass	
		CWM	FDis	CWM	FDis	CWM	FDis
1	0.8	1	1	1	1	1	1
1	0.75	0.95	0.98	1	0.82	1	0.96
1	0.7	0.85	0.9	0.9	0.8	0.95	0.95
1	0.65	0.77	0.93	0.98	0.93	0.95	0.85
1	0.6	0.77	0.96	0.53	0.9	0.85	0.85
1	0.55	0.77	0.83	0.53	0.9	0.83	0.50
2	0.8	1	1	1	1	1	1
2	0.75	0.81	0.54	0.99	0.98	0.98	0.99
2	0.7	0.81	0.54	0.99	0.98	0.99	0.99
2	0.65	0.81	0.55	0.98	0.94	0.78	0.75
2	0.6	0.76	0.61	0.94	0.92	0.73	0.50
2	0.55	0.91	0.5	0.66	0.75	0.85	0.50
3	0.8	1	1	1	1	1	1
3	0.75	0.99	0.95	1	0.96	0.96	1
3	0.7	0.98	0.88	0.99	0.95	0.71	0.9
3	0.65	0.98	0.88	0.99	0.95	0.71	0.9
3	0.6	0.98	0.82	0.98	0.95	0.45	0.25
3	0.55	0.98	0.63	0.94	0.68	0.72	0.35

4	0.8	1	1	1	1	1	1
4	0.75	0.98	0.99	0.98	0.99	1	0.98
4	0.7	0.97	0.98	0.98	0.87	0.98	0.94
4	0.65	0.96	0.98	0.91	0.87	0.98	0.93
4	0.6	0.74	0.69	0.94	0.60	0.9	0.61
4	0.55	0.73	0.68	0.9	0.59	0.9	0.61

Reference

Májeková, M., Paal, T., Plowman, N. S., Bryndová, M., Kasari, L., Norberg, A., ... & Le Bagousse-Pinguet, Y. (2016). Evaluating functional diversity: missing trait data and the importance of species abundance structure and data transformation. *PloS One*, *11*(2), e0149270.