

**Table S6**      **Connectivity similarity matrix**

Trait	arsp	cs	iar	ips	lf	lu	ps	sar	spcd	sts
arsp	1.000	0.308	0.865	0.692	0.615	0.385	0.808	0.731	0.538	0.596
cs	0.308	1.000	0.538	0.750	0.500	0.500	0.308	0.000	0.808	0.500
iar	0.865	0.538	1.000	0.769	0.769	0.615	0.577	0.654	0.404	0.692
ips	0.692	0.750	0.769	1.000	0.500	0.500	0.308	0.538	0.192	0.500
lf	0.615	0.500	0.769	0.500	1.000	0.500	0.308	0.462	0.692	0.750
lu	0.385	0.500	0.615	0.500	0.500	1.000	0.385	0.000	0.000	0.500
ps	0.808	0.308	0.577	0.308	0.308	0.385	1.000	0.769	0.192	0.250
sar	0.731	0.000	0.654	0.538	0.462	0.000	0.769	1.000	0.365	0.442
spcd	0.538	0.808	0.404	0.192	0.692	0.000	0.192	0.365	1.000	0.212
sts	0.596	0.500	0.692	0.750	0.750	0.500	0.250	0.442	0.212	1.000

Created from data in Markov *et al.* (2012).