

## Supplementary material for

### Protea maturation rates and fire return intervals in a mediterranean ecosystem: testing the rules of thumb at a local scale

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**Table S1. Statistical analyses (R-code) to test for differences in juvenile and age at three times flowering between populations of *Protea repens* and *P. neriifolia*.**

```
glm(formula = repens.three.times.flower ~ population, family = poisson(),  
     data = Proteadata)
```

	Estimate	Std. Error	z value	Pr(> z )	
(Intercept)	2.15466	0.05384	40.021	< 2e-16	***
populationA2	0.22256	0.07224	3.081	0.002064	**
populationB	0.17261	0.07306	2.363	0.018144	*
populationC	0.01153	0.07592	0.152	0.879315	
populationD1	0.19671	0.07266	2.707	0.006784	**
populationD2	0.09135	0.07446	1.227	0.219876	
populationD3	0.10188	0.07427	1.372	0.170169	
populationD5	0.23867	0.07198	3.316	0.000914	***
populationE2	0.28551	0.07125	4.007	6.15e-05	***
populationE3	0.21791	0.07232	3.013	0.002584	**
populationG2	0.29202	0.07116	4.104	4.06e-05	***
populationG4	0.31555	0.07080	4.457	8.32e-06	***

```
glm(formula = neriifolia.reprod.age ~ population, family = poisson(),  
     data = Proteadata)
```

Deviance Residuals:

Min	1Q	Median	3Q	Max
-1.63012	-0.33531	-0.02256	0.28003	1.42148

Coefficients:

	Estimate	Std. Error	z value	Pr(> z )	
(Intercept)	2.07002	0.05617	36.856	< 2e-16	***
populationA2	0.03411	0.07876	0.433	0.664940	
populationB	-0.02880	0.08001	-0.360	0.718856	
populationC	-0.10641	0.08163	-1.304	0.192367	
populationD4	0.07298	0.07802	0.935	0.349577	
populationD5	0.26455	0.07467	3.543	0.000396	***
populationE1	0.26938	0.07459	3.611	0.000305	***
populationE2	0.33467	0.07357	4.549	5.38e-06	***
populationF	0.16535	0.07634	2.166	0.030318	*
populationG1	0.18652	0.07598	2.455	0.014090	*
populationG3	0.23755	0.07511	3.163	0.001564	**
populationG4	0.29554	0.07418	3.984	6.77e-05	***

```
glm(formula = neriifolia.three.times.flower ~ population, family = poisson  
(  
  data = Proteadata)
```

Deviance Residuals:

Min	1Q	Median	3Q	Max
-1.3560	-0.3490	-0.0472	0.2971	1.5528

Coefficients:

	Estimate	Std. Error	z value	Pr(> z )	
(Intercept)	2.39790	0.04767	50.299	< 2e-16	***
populationA2	0.02025	0.06708	0.302	0.762770	
populationB	0.03572	0.06683	0.534	0.593000	
populationC	-0.08042	0.06882	-1.169	0.242553	
populationD4	0.03352	0.06686	0.501	0.616110	
populationD5	0.15545	0.06495	2.393	0.016692	*
populationE1	0.22314	0.06396	3.489	0.000485	***
populationE2	0.25886	0.06346	4.079	4.52e-05	***
populationF	0.18610	0.06449	2.886	0.003907	**
populationG1	0.14764	0.06507	2.269	0.023266	*
populationG3	0.21950	0.06401	3.429	0.000606	***
populationG4	0.24295	0.06368	3.815	0.000136	***

```
glm(formula = repens.reprod.age ~ population, family = poisson(),  
  data = Proteadata)
```

Deviance Residuals:

Min	1Q	Median	3Q	Max
-1.6536	-0.2651	-0.1106	0.2841	1.7554

Coefficients:

	Estimate	Std. Error	z value	Pr(> z )	
(Intercept)	1.67710	0.06836	24.534	< 2e-16	***
populationA2	0.35105	0.08923	3.934	8.35e-05	***
populationB	0.17136	0.09279	1.847	0.06478	.
populationC	0.01392	0.09634	0.145	0.88510	
populationD1	0.32100	0.08979	3.575	0.00035	***
populationD2	0.15548	0.09313	1.670	0.09500	.
populationD3	0.15948	0.09304	1.714	0.08653	.
populationD5	0.36412	0.08899	4.092	4.28e-05	***
populationE2	0.45411	0.08741	5.195	2.04e-07	***
populationE3	0.36737	0.08893	4.131	3.62e-05	***
populationG2	0.49481	0.08673	5.705	1.16e-08	***
populationG4	0.43614	0.08772	4.972	6.62e-07	***