Table S7. Empirical false positive rate. Bottleneck model with varying duration of the bottleneck. Severity (duration divided by strength) is fixed at 1. Significance levels α are based on theoretical formulae according to eqs (7) and (8).

| duration | $\alpha = 0.01$ | | | $\alpha = 0.05$ | | |
	$T_2^{(\text{sum})}$	$T_2^{(\text{product})}$	$T_0^{(\text{dist})}$	$T_2^{(\text{sum})}$	$T_2^{(\text{product})}$	$T_0^{(\text{dist})}$
0.0010	0.04559	0.02314	0.00934	0.23533	0.17179	0.02909
0.01	0.02976	0.01627	0.00934	0.19411	0.14517	0.029
0.1	0.00468	0.00325	0.00667	0.0532	0.04092	0.0242