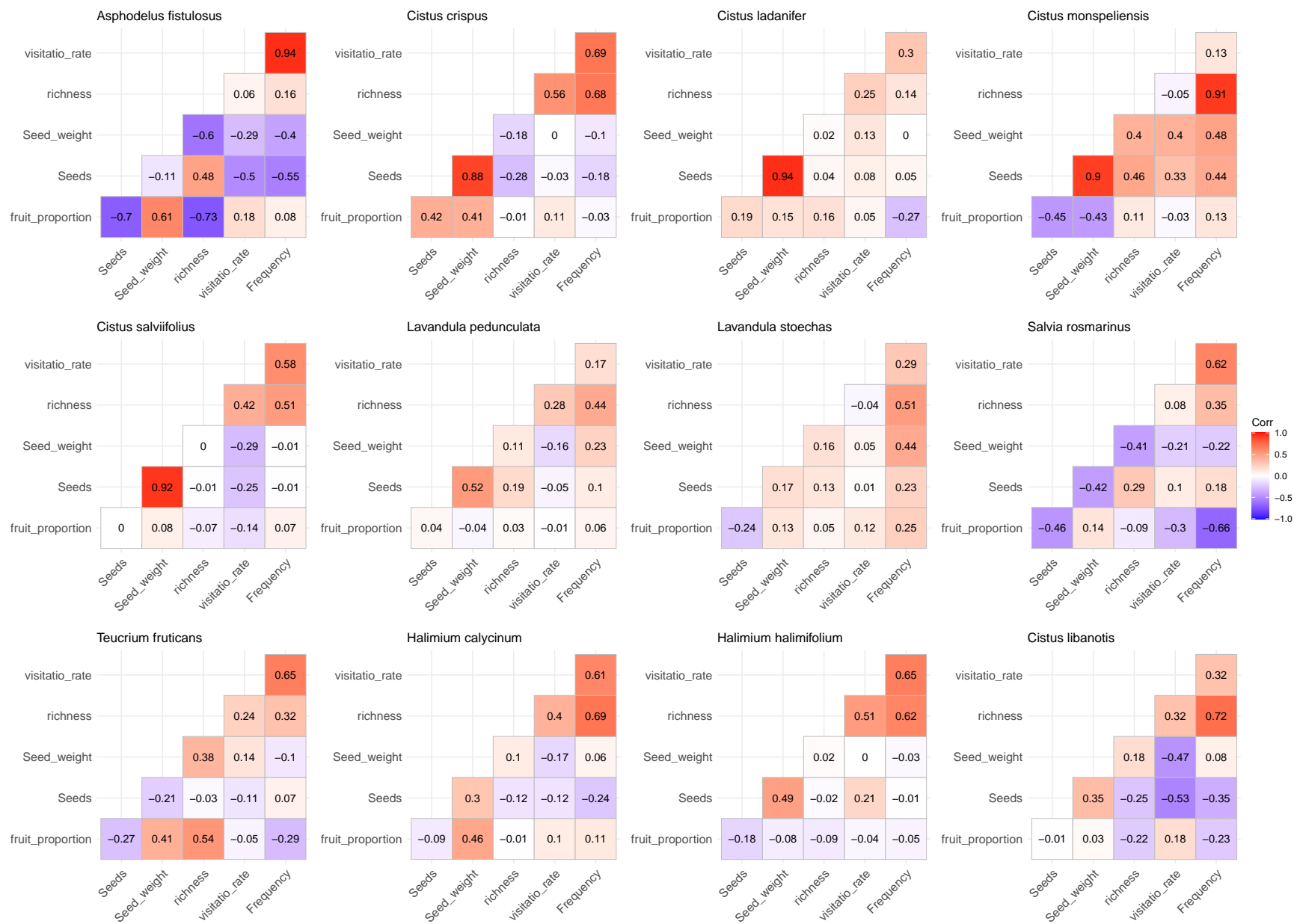# Summary of models

2022-07-08

Data base from beefun: plant individuals per sites (13 sites) for five years (2015-2019). Data base has 400 observation, only matching individuals, some with no pollinator frequency (16 observations). Fruit proportions, seed numbers and seed weight are calculated for each plant individual per plant species in site and year. Richness, visitation rate and frequency of pollinators are also calculated for plant individual per plant species. 16 plant species but 4 are removed because they are present only one site.

Correlation

species	rows	fruit_proportion	Seeds	Seed_weight	richness	visitatio_rate	Frequency
Asphodelus fistulosus	fruit_proportion	1.0000	-0.7023	0.6058	-0.7293	0.1819	0.0830
	Seeds	-0.7023	1.0000	-0.1075	0.4812	-0.4977	-0.5475
	Seed_weight	0.6058	-0.1075	1.0000	-0.6025	-0.2888	-0.4000
	richness	-0.7293	0.4812	-0.6025	1.0000	0.0647	0.1593
	visitatio_rate	0.1819	-0.4977	-0.2888	0.0647	1.0000	0.9421
	Frequency	0.0830	-0.5475	-0.4000	0.1593	0.9421	1.0000
Cistus crispus	fruit_proportion	1.0000	0.4161	0.4117	-0.0105	0.1052	-0.0307
	Seeds	0.4161	1.0000	0.8757	-0.2753	-0.0277	-0.1797
	Seed_weight	0.4117	0.8757	1.0000	-0.1787	-0.0046	-0.0970
	richness	-0.0105	-0.2753	-0.1787	1.0000	0.5627	0.6782
	visitatio_rate	0.1052	-0.0277	-0.0046	0.5627	1.0000	0.6865
	Frequency	-0.0307	-0.1797	-0.0970	0.6782	0.6865	1.0000
Cistus ladanifer	fruit_proportion	1.0000	0.1881	0.1458	0.1638	0.0495	-0.2714
	Seeds	0.1881	1.0000	0.9382	0.0365	0.0813	0.0492
	Seed_weight	0.1458	0.9382	1.0000	0.0195	0.1282	-0.0007
	richness	0.1638	0.0365	0.0195	1.0000	0.2465	0.1351
	visitatio_rate	0.0495	0.0813	0.1282	0.2465	1.0000	0.2981
	Frequency	-0.2714	0.0492	-0.0007	0.1351	0.2981	1.0000
Cistus libanotis	fruit_proportion	1.0000	-0.0060	0.0299	-0.2198	0.1761	-0.2259
	Seeds	-0.0060	1.0000	0.3492	-0.2500	-0.5347	-0.3541
	Seed_weight	0.0299	0.3492	1.0000	0.1833	-0.4670	0.0750
	richness	-0.2198	-0.2500	0.1833	1.0000	0.3220	0.7211
	visitatio_rate	0.1761	-0.5347	-0.4670	0.3220	1.0000	0.3221
	Frequency	-0.2259	-0.3541	0.0750	0.7211	0.3221	1.0000
Cistus monspeliensis	fruit_proportion	1.0000	-0.4485	-0.4345	0.1075	-0.0339	0.1337
	Seeds	-0.4485	1.0000	0.9027	0.4568	0.3329	0.4399
	Seed_weight	-0.4345	0.9027	1.0000	0.3971	0.4014	0.4813
	richness	0.1075	0.4568	0.3971	1.0000	-0.0517	0.9146
	visitatio_rate	-0.0339	0.3329	0.4014	-0.0517	1.0000	0.1264
	Frequency	0.1337	0.4399	0.4813	0.9146	0.1264	1.0000
Cistus salviifolius	fruit_proportion	1.0000	0.0026	0.0781	-0.0713	-0.1379	0.0695
	Seeds	0.0026	1.0000	0.9232	-0.0064	-0.2513	-0.0064
	Seed_weight	0.0781	0.9232	1.0000	0.0014	-0.2908	-0.0137

		fruit_proportion	Seeds	Seed_weight	richness	visitatio_rate	Frequency
	richness	-0.0713	-0.0064	0.0014	1.0000	0.4190	0.5100
	visitatio_rate	-0.1379	-0.2513	-0.2908	0.4190	1.0000	0.5811
	Frequency	0.0695	-0.0064	-0.0137	0.5100	0.5811	1.0000
Halimium calycinum	fruit_proportion	1.0000	-0.0904	0.4575	-0.0072	0.0999	0.1097
	Seeds	-0.0904	1.0000	0.3023	-0.1236	-0.1230	-0.2351
	Seed_weight	0.4575	0.3023	1.0000	0.1017	-0.1709	0.0575
	richness	-0.0072	-0.1236	0.1017	1.0000	0.3986	0.6881
	visitatio_rate	0.0999	-0.1230	-0.1709	0.3986	1.0000	0.6119
	Frequency	0.1097	-0.2351	0.0575	0.6881	0.6119	1.0000
Halimium halimifolium	fruit_proportion	1.0000	-0.1827	-0.0810	-0.0886	-0.0362	-0.0520
	Seeds	-0.1827	1.0000	0.4896	-0.0150	0.2056	-0.0134
	Seed_weight	-0.0810	0.4896	1.0000	0.0244	0.0029	-0.0266
	richness	-0.0886	-0.0150	0.0244	1.0000	0.5080	0.6200
	visitatio_rate	-0.0362	0.2056	0.0029	0.5080	1.0000	0.6450
	Frequency	-0.0520	-0.0134	-0.0266	0.6200	0.6450	1.0000
Lavandula pedunculata	fruit_proportion	1.0000	0.0418	-0.0393	0.0282	-0.0103	0.0609
	Seeds	0.0418	1.0000	0.5202	0.1866	-0.0536	0.0996
	Seed_weight	-0.0393	0.5202	1.0000	0.1146	-0.1564	0.2289
	richness	0.0282	0.1866	0.1146	1.0000	0.2759	0.4425
	visitatio_rate	-0.0103	-0.0536	-0.1564	0.2759	1.0000	0.1748
	Frequency	0.0609	0.0996	0.2289	0.4425	0.1748	1.0000
Lavandula stoechas	fruit_proportion	1.0000	-0.2385	0.1316	0.0515	0.1242	0.2541
	Seeds	-0.2385	1.0000	0.1705	0.1310	0.0142	0.2260
	Seed_weight	0.1316	0.1705	1.0000	0.1550	0.0483	0.4355
	richness	0.0515	0.1310	0.1550	1.0000	-0.0407	0.5107
	visitatio_rate	0.1242	0.0142	0.0483	-0.0407	1.0000	0.2883
	Frequency	0.2541	0.2260	0.4355	0.5107	0.2883	1.0000
Salvia rosmarinus	fruit_proportion	1.0000	-0.4606	0.1354	-0.0885	-0.3038	-0.6646
	Seeds	-0.4606	1.0000	-0.4241	0.2924	0.1032	0.1842
	Seed_weight	0.1354	-0.4241	1.0000	-0.4100	-0.2078	-0.2179
	richness	-0.0885	0.2924	-0.4100	1.0000	0.0761	0.3480
	visitatio_rate	-0.3038	0.1032	-0.2078	0.0761	1.0000	0.6244
	Frequency	-0.6646	0.1842	-0.2179	0.3480	0.6244	1.0000
Teucrium fruticans	fruit_proportion	1.0000	-0.2740	0.4067	0.5360	-0.0517	-0.2905
	Seeds	-0.2740	1.0000	-0.2085	-0.0293	-0.1092	0.0717
	Seed_weight	0.4067	-0.2085	1.0000	0.3768	0.1420	-0.1048
	richness	0.5360	-0.0293	0.3768	1.0000	0.2422	0.3227
	visitatio_rate	-0.0517	-0.1092	0.1420	0.2422	1.0000	0.6462
	Frequency	-0.2905	0.0717	-0.1048	0.3227	0.6462	1.0000

Fruit proportion

Summary of models for fruit proportion per plant species. Binomial cbind(fruit_formado, Fruit_No). Site_ID as factor random

Richness

Plant_gen_sp	term	estimate	std.error	statistic	p.value
Asphodelus fistulosus	(Intercept)	0.8987	1.0326	0.8703	0.3841
	richness	0.0585	0.1735	0.3370	0.7361
Cistus crispus	(Intercept)	1.2189	0.3092	3.9417	**0.0001**
	richness	0.0311	0.0817	0.3811	0.7031
Cistus ladanifer	(Intercept)	2.0249	0.5653	3.5818	**0.0003**
	richness	0.3065	0.2197	1.3949	0.1630
Cistus libanotis	(Intercept)	6.5370	2.6118	2.5028	**0.0123**
	richness	-0.6351	0.6072	-1.0460	0.2956
Cistus monspeliensis	(Intercept)	1.4923	1.0640	1.4026	0.1607
	richness	0.0987	0.1861	0.5304	0.5958
Cistus salviifolius	(Intercept)	2.5085	0.3061	8.1955	**0.0000**
	richness	0.0699	0.1108	0.6305	0.5283
Halimium calycinum	(Intercept)	1.2788	1.6658	0.7677	0.4427
	richness	0.8952	0.7410	1.2081	0.2270
Halimium halimifolium	(Intercept)	1.6070	0.2690	5.9747	**0.0000**
	richness	-0.0762	0.0969	-0.7866	0.4315
Lavandula pedunculata	(Intercept)	1.4627	0.1578	9.2709	**0.0000**
	richness	0.0160	0.0342	0.4689	0.6392
Lavandula stoechas	(Intercept)	1.6191	0.2000	8.0970	**0.0000**
	richness	0.0237	0.0334	0.7099	0.4778
Salvia rosmarinus	(Intercept)	0.0068	1.1151	0.0061	0.9951
	richness	0.4031	0.2548	1.5819	0.1137
Teucrium fruticans	(Intercept)	0.9465	0.9255	1.0227	0.3064
	richness	0.3603	0.1599	2.2534	**0.0242**

Visitation rate

Plant_gen_sp	term	estimate	std.error	statistic	p.value
Asphodelus fistulosus	(Intercept)	-0.0348	1.1002	-0.0317	0.9747
	visitatio_rate	4.7806	1.1399	4.1940	**0.0000**
Cistus crispus	(Intercept)	1.1926	0.2605	4.5788	**0.0000**
	visitatio_rate	0.1791	0.2340	0.7653	0.4441
Cistus ladanifer	(Intercept)	2.5450	0.5215	4.8801	**0.0000**
	visitatio_rate	0.1442	0.3817	0.3777	0.7057
Cistus libanotis	(Intercept)	3.9772	1.5064	2.6403	**0.0083**
	visitatio_rate	2.7825	6.1785	0.4504	0.6525
Cistus monspeliensis	(Intercept)	0.7588	1.3407	0.5659	0.5714
	visitatio_rate	7.8653	3.9235	2.0046	**0.0450**
Cistus salviifolius	(Intercept)	2.8007	0.2580	10.8567	**0.0000**
	visitatio_rate	-0.2817	0.3341	-0.8429	0.3993
Halimium calycinum	(Intercept)	2.1395	1.2107	1.7672	0.0772
	visitatio_rate	1.5875	2.8199	0.5630	0.5735
Halimium halimifolium	(Intercept)	1.4678	0.2279	6.4416	**0.0000**
	visitatio_rate	-0.0912	0.5876	-0.1552	0.8767
Lavandula pedunculata	(Intercept)	1.4459	0.1568	9.2237	**0.0000**
	visitatio_rate	0.4809	0.5459	0.8810	0.3783
Lavandula stoechas	(Intercept)	1.6447	0.1944	8.4621	**0.0000**
	visitatio_rate	0.0627	0.1872	0.3350	0.7376
Salvia rosmarinus	(Intercept)	1.0365	0.9757	1.0624	0.2881
	visitatio_rate	-1.6345	0.6088	-2.6848	**0.0073**
Teucrium fruticans	(Intercept)	2.0589	0.9937	2.0720	**0.0383**
	visitatio_rate	0.3900	0.6451	0.6044	0.5455

Hymenoptera visitation

Plant_gen_sp	term	estimate	std.error	statistic	p.value
Asphodelus fistulosus	(Intercept)	-0.1374	1.1654	-0.1179	0.9061
	Hym_visit	5.6654	1.2033	4.7084	**0.0000**
Cistus crispus	(Intercept)	1.2015	0.2580	4.6575	**0.0000**
	Hym_visit	0.1714	0.2360	0.7260	0.4678
Cistus ladanifer	(Intercept)	2.7882	0.4742	5.8794	**0.0000**
	Hym_visit	-0.1993	0.4064	-0.4905	0.6238
Cistus libanotis	(Intercept)	4.3748	1.3782	3.1744	**0.0015**
	Hym_visit	1.1671	5.5773	0.2093	0.8342
Cistus monspeliensis	(Intercept)	1.1742	1.2190	0.9633	0.3354
	Hym_visit	6.5826	3.2748	2.0101	**0.0444**
Cistus salviifolius	(Intercept)	2.4214	0.2448	9.8918	**0.0000**
	Hym_visit	1.2158	0.9043	1.3445	0.1788
Halimium calycinum	(Intercept)	1.5227	0.8950	1.7014	0.0889
	Hym_visit	17.3352	14.5588	1.1907	0.2338
Halimium halimifolium	(Intercept)	1.4895	0.2015	7.3924	**0.0000**
	Hym_visit	-0.2761	0.6942	-0.3977	0.6908
Lavandula pedunculata	(Intercept)	1.4729	0.1544	9.5367	**0.0000**
	Hym_visit	0.2190	0.5491	0.3989	0.6900
Lavandula stoechas	(Intercept)	1.6535	0.1954	8.4631	**0.0000**
	Hym_visit	0.0162	0.1835	0.0881	0.9298
Salvia rosmarinus	(Intercept)	1.0362	0.9759	1.0618	0.2883
	Hym_visit	-1.6345	0.6089	-2.6843	**0.0073**
Teucrium fruticans	(Intercept)	2.0607	0.9933	2.0745	**0.0380**
	Hym_visit	0.3871	0.6491	0.5964	0.5509

Frequency

Plant_gen_sp	term	estimate	std.error	statistic	p.value
Asphodelus fistulosus	(Intercept)	0.6378	1.0080	0.6328	0.5269
	Frequency	0.1076	0.0551	1.9541	0.0507
Cistus crispus	(Intercept)	1.2845	0.2612	4.9179	**0.0000**
	Frequency	0.0012	0.0099	0.1168	0.9071
Cistus ladanifer	(Intercept)	3.1005	0.4733	6.5515	**0.0000**
	Frequency	-0.0397	0.0167	-2.3724	**0.0177**
Cistus libanotis	(Intercept)	8.5047	4.8190	1.7648	0.0776
	Frequency	-0.3183	0.3156	-1.0086	0.3132
Cistus monspeliensis	(Intercept)	1.2876	1.0234	1.2581	0.2084
	Frequency	0.0823	0.0697	1.1818	0.2373
Cistus salviifolius	(Intercept)	2.3181	0.2832	8.1853	**0.0000**
	Frequency	0.0847	0.0582	1.4554	0.1456
Halimium calycinum	(Intercept)	1.9767	1.3805	1.4319	0.1522
	Frequency	0.1591	0.2309	0.6891	0.4907
Halimium halimifolium	(Intercept)	1.5412	0.2110	7.3054	**0.0000**
	Frequency	-0.0110	0.0145	-0.7592	0.4477
Lavandula pedunculata	(Intercept)	1.4318	0.1506	9.5084	**0.0000**
	Frequency	0.0044	0.0028	1.5530	0.1204
Lavandula stoechas	(Intercept)	1.5656	0.1864	8.3984	**0.0000**
	Frequency	0.0083	0.0033	2.5561	**0.0106**
Salvia rosmarinus	(Intercept)	0.7658	0.9940	0.7704	0.4410
	Frequency	-0.0012	0.0086	-0.1441	0.8854
Teucrium fruticans	(Intercept)	2.5324	0.7048	3.5929	**0.0003**
	Frequency	-0.0124	0.0108	-1.1504	0.2500

Seed numbers

Summary of models for seed numbers per plant species (LMM). Site_ID as factor random

Richness

Plant_gen_sp	term	estimate	std.error	statistic	df	p.value
Asphodelus fistulosus	(Intercept)	3.1304	1.1326	2.7639	2.6368	0.0808
	richness	0.3696	0.3804	0.9716	9.2265	0.3560
Cistus crispus	(Intercept)	36.9479	2.6769	13.8023	37.7263	**0.0000**
	richness	-1.3247	0.7993	-1.6574	67.9047	0.1020
Cistus ladanifer	(Intercept)	436.1185	67.7538	6.4368	51.0000	**0.0000**
	richness	8.1617	31.3217	0.2606	51.0000	0.7955
Cistus libanotis	(Intercept)	16.7712	2.2834	7.3450	14.0000	**0.0000**
	richness	-0.7156	0.7408	-0.9660	14.0000	0.3504
Cistus monspeliensis	(Intercept)	10.7600	3.5884	2.9986	1.7997	0.1083
	richness	1.3748	0.6913	1.9886	8.0064	0.0819
Cistus salviifolius	(Intercept)	38.1001	3.4395	11.0772	32.9219	**0.0000**
	richness	-0.1686	1.4258	-0.1183	63.9064	0.9062
Halimium calycinum	(Intercept)	2.9349	0.5323	5.5132	8.7255	**0.0004**
	richness	-0.1890	0.2583	-0.7317	15.5290	0.4752
Halimium halimifolium	(Intercept)	19.7507	2.6148	7.5535	19.2544	**0.0000**
	richness	-0.1395	0.7791	-0.1791	38.5508	0.8588
Lavandula pedunculata	(Intercept)	1.8337	0.2170	8.4507	20.1167	**0.0000**
	richness	0.1575	0.0680	2.3155	42.5288	**0.0255**
Lavandula stoechas	(Intercept)	1.9171	0.2787	6.8793	14.9828	**0.0000**
	richness	0.0695	0.1029	0.6757	19.3912	0.5072
Salvia rosmarinus	(Intercept)	2.0257	0.3494	5.7981	10.8250	**0.0001**
	richness	0.2971	0.1573	1.8892	8.6479	0.0928
Teucrium fruticans	(Intercept)	3.0030	1.2301	2.4413	4.7547	0.0611
	richness	-0.0203	0.3141	-0.0647	8.3222	0.9499

Visitation rate

Plant_gen_sp	term	estimate	std.error	statistic	df	p.value
Asphodelus fistulosus	(Intercept)	4.6059	1.0005	4.6036	2.1136	**0.0397**
	visitatio_rate	-2.1062	0.8166	-2.5792	11.1023	**0.0255**
Cistus crispus	(Intercept)	33.3809	2.1583	15.4664	18.1118	**0.0000**
	visitatio_rate	-0.0804	2.0269	-0.0396	65.7180	0.9685
Cistus ladanifer	(Intercept)	431.1849	48.0821	8.9677	51.0000	**0.0000**
	visitatio_rate	21.7615	37.3768	0.5822	51.0000	0.5630
Cistus libanotis	(Intercept)	19.1307	2.0726	9.2304	14.0000	**0.0000**
	visitatio_rate	-14.1206	5.9647	-2.3674	14.0000	**0.0329**
Cistus monspeliensis	(Intercept)	14.6758	3.8979	3.7651	1.3623	0.1117
	visitatio_rate	-1.9138	12.6807	-0.1509	8.8220	0.8834
Cistus salviifolius	(Intercept)	41.0266	2.7452	14.9447	12.5494	**0.0000**
	visitatio_rate	-6.9772	3.1271	-2.2312	63.4551	**0.0292**
Halimium calycinum	(Intercept)	2.6921	0.2993	8.9950	4.7195	**0.0004**
	visitatio_rate	-0.2679	0.3988	-0.6718	14.8252	0.5121
Halimium halimifolium	(Intercept)	17.7932	2.2302	7.9783	12.8412	**0.0000**
	visitatio_rate	6.1745	4.7258	1.3066	39.6394	0.1989
Lavandula pedunculata	(Intercept)	2.2399	0.2075	10.7923	15.9502	**0.0000**
	visitatio_rate	-0.9026	1.1810	-0.7643	43.9519	0.4488
Lavandula stoechas	(Intercept)	2.0655	0.2281	9.0534	8.0645	**0.0000**
	visitatio_rate	-0.1542	0.3393	-0.4543	18.0396	0.6550
Salvia rosmarinus	(Intercept)	2.4410	0.2536	9.6253	7.2906	**0.0000**
	visitatio_rate	0.3861	0.5189	0.7441	6.7964	0.4818
Teucrium fruticans	(Intercept)	3.4215	1.3129	2.6061	1.1841	0.2008
	visitatio_rate	-1.3499	1.0419	-1.2956	8.9790	0.2274

Hymenoptera visitation

Plant_gen_sp	term	estimate	std.error	statistic	df	p.value
Asphodelus fistulosus	(Intercept)	4.5623	1.0058	4.5358	2.0900	**0.0417**
	Hym_visit	-1.9997	0.7919	-2.5251	11.0652	**0.0281**
Cistus crispus	(Intercept)	33.4147	2.1473	15.5614	17.8652	**0.0000**
	Hym_visit	-0.1410	2.0916	-0.0674	65.4361	0.9465
Cistus ladanifer	(Intercept)	429.8104	45.2401	9.5006	51.0000	**0.0000**
	Hym_visit	37.3180	53.2003	0.7015	51.0000	0.4862
Cistus libanotis	(Intercept)	16.3039	1.9437	8.3882	14.0000	**0.0000**
	Hym_visit	-5.9670	6.4654	-0.9229	14.0000	0.3717
Cistus monspeliensis	(Intercept)	14.0426	3.3633	4.1753	1.1741	0.1209
	Hym_visit	2.8972	11.3469	0.2553	8.7763	0.8044
Cistus salviifolius	(Intercept)	41.6444	2.4659	16.8883	13.1177	**0.0000**
	Hym_visit	-13.4132	3.8952	-3.4435	63.8183	**0.0010**
Halimium calycinum	(Intercept)	2.6498	0.2869	9.2353	3.8909	**0.0009**
	Hym_visit	-0.2067	0.4242	-0.4873	14.1649	0.6335
Halimium halimifolium	(Intercept)	18.4598	2.1591	8.5499	9.6982	**0.0000**
	Hym_visit	5.5040	5.5550	0.9908	38.0853	0.3280
Lavandula pedunculata	(Intercept)	2.2508	0.2060	10.9254	15.4525	**0.0000**
	Hym_visit	-1.0557	1.1969	-0.8821	44.2223	0.3825
Lavandula stoechas	(Intercept)	2.0685	0.2274	9.0955	7.9790	**0.0000**
	Hym_visit	-0.1787	0.3377	-0.5293	18.0039	0.6031
Salvia rosmarinus	(Intercept)	2.4408	0.2537	9.6209	7.2932	**0.0000**
	Hym_visit	0.3880	0.5205	0.7453	6.7920	0.4811
Teucrium fruticans	(Intercept)	3.4385	1.3340	2.5776	1.1662	0.2060
	Hym_visit	-1.4052	1.0489	-1.3398	8.9846	0.2132

Frequency

Plant_gen_sp	term	estimate	std.error	statistic	df	p.value
Asphodelus fistulosus	(Intercept)	4.8472	1.0688	4.5350	2.0870	**0.0419**
	Frequency	-0.1838	0.0485	-3.7899	11.2106	**0.0029**
Cistus crispus	(Intercept)	34.7305	2.1267	16.3307	19.1769	**0.0000**
	Frequency	-0.0986	0.0926	-1.0645	67.1508	0.2909
Cistus ladanifer	(Intercept)	442.8248	40.7179	10.8754	8.1380	**0.0000**
	Frequency	1.2295	3.4535	0.3560	48.2360	0.7234
Cistus libanotis	(Intercept)	18.0444	2.5067	7.1984	14.0000	**0.0000**
	Frequency	-0.3056	0.2157	-1.4169	14.0000	0.1784
Cistus monspeliensis	(Intercept)	12.2415	3.2677	3.7462	1.3935	0.1090
	Frequency	0.3798	0.2297	1.6538	8.0287	0.1366
Cistus salviifolius	(Intercept)	37.9992	2.6862	14.1459	18.4626	**0.0000**
	Frequency	-0.0419	0.3119	-0.1343	63.6194	0.8936
Halimium calycinum	(Intercept)	2.8413	0.3441	8.2577	5.8556	**0.0002**
	Frequency	-0.0408	0.0363	-1.1255	16.7285	0.2763
Halimium halimifolium	(Intercept)	19.4644	2.2147	8.7887	10.5429	**0.0000**
	Frequency	-0.0035	0.1223	-0.0285	41.1632	0.9774
Lavandula pedunculata	(Intercept)	2.1604	0.1936	11.1574	12.8025	**0.0000**
	Frequency	-0.0008	0.0063	-0.1293	44.3366	0.8977
Lavandula stoechas	(Intercept)	2.0399	0.2502	8.1546	9.2157	**0.0000**
	Frequency	-0.0003	0.0106	-0.0267	21.5376	0.9789
Salvia rosmarinus	(Intercept)	2.4697	0.2420	10.2069	6.5095	**0.0000**
	Frequency	0.0017	0.0033	0.5209	7.7412	0.6170
Teucrium fruticans	(Intercept)	2.8432	0.8269	3.4386	1.4344	0.1174
	Frequency	0.0007	0.0188	0.0362	7.0442	0.9721

Seed weight

Summary of models for seed weight per plant species (LMM). Site_ID as factor random

Richness

Plant_gen_sp	term	estimate	std.error	statistic	df	p.value
Asphodelus fistulosus	(Intercept)	0.0234	0.0031	7.6585	13.0000	**0.0000**
	richness	-0.0039	0.0014	-2.7219	13.0000	**0.0175**
Cistus crispus	(Intercept)	0.0182	0.0016	11.2383	38.2284	**0.0000**
	richness	-0.0005	0.0005	-0.9692	67.9325	0.3359
Cistus ladanifer	(Intercept)	0.1210	0.0193	6.2843	23.8455	**0.0000**
	richness	0.0015	0.0085	0.1707	50.4419	0.8651
Cistus libanotis	(Intercept)	0.0115	0.0023	5.0303	14.0000	**0.0002**
	richness	0.0005	0.0007	0.6978	14.0000	0.4967
Cistus monspeliensis	(Intercept)	0.0120	0.0050	2.3829	1.6927	0.1624
	richness	0.0016	0.0009	1.7029	8.0056	0.1270
Cistus salviifolius	(Intercept)	0.0432	0.0038	11.3986	64.0000	**0.0000**
	richness	0.0000	0.0016	0.0111	64.0000	0.9912
Halimium calycinum	(Intercept)	0.0060	0.0023	2.5958	3.2515	0.0743
	richness	0.0005	0.0012	0.4007	7.1903	0.7003
Halimium halimifolium	(Intercept)	0.0099	0.0022	4.4960	43.0000	**0.0001**
	richness	0.0001	0.0008	0.1601	43.0000	0.8736
Lavandula pedunculata	(Intercept)	0.0010	0.0002	5.4959	17.2591	**0.0000**
	richness	0.0000	0.0001	0.1050	41.2695	0.9169
Lavandula stoechas	(Intercept)	0.0006	0.0001	6.0928	14.6417	**0.0000**
	richness	0.0000	0.0000	0.6698	19.1730	0.5109
Salvia rosmarinus	(Intercept)	0.0007	0.0001	5.8855	11.0000	**0.0001**
	richness	-0.0001	0.0001	-1.4909	11.0000	0.1641
Teucrium fruticans	(Intercept)	0.0019	0.0015	1.2443	9.0000	0.2448
	richness	0.0005	0.0004	1.2202	9.0000	0.2534

Visitation rate

Plant_gen_sp	term	estimate	std.error	statistic	df	p.value
Asphodelus fistulosus	(Intercept)	0.0170	0.0040	4.2113	2.0969	**0.0479**
	visitatio_rate	-0.0066	0.0058	-1.1347	11.3539	0.2799
Cistus crispus	(Intercept)	0.0169	0.0012	13.6038	18.9073	**0.0000**
	visitatio_rate	-0.0001	0.0012	-0.0457	66.2984	0.9637
Cistus ladanifer	(Intercept)	0.1141	0.0145	7.8787	9.7303	**0.0000**
	visitatio_rate	0.0098	0.0100	0.9846	50.9411	0.3295
Cistus libanotis	(Intercept)	0.0166	0.0021	7.7190	14.0000	**0.0000**
	visitatio_rate	-0.0122	0.0062	-1.9759	14.0000	0.0682
Cistus monspeliensis	(Intercept)	0.0159	0.0051	3.0959	1.3450	0.1450
	visitatio_rate	0.0011	0.0163	0.0683	8.7824	0.9471
Cistus salviifolius	(Intercept)	0.0475	0.0027	17.5042	64.0000	**0.0000**
	visitatio_rate	-0.0084	0.0035	-2.4319	64.0000	**0.0178**
Halimium calycinum	(Intercept)	0.0073	0.0014	5.2540	3.7255	**0.0076**
	visitatio_rate	-0.0018	0.0021	-0.8611	15.8657	0.4020
Halimium halimifolium	(Intercept)	0.0102	0.0018	5.6353	43.0000	**0.0000**
	visitatio_rate	0.0001	0.0047	0.0192	43.0000	0.9847
Lavandula pedunculata	(Intercept)	0.0012	0.0002	6.7919	13.9183	**0.0000**
	visitatio_rate	-0.0015	0.0009	-1.7179	42.5678	0.0931
Lavandula stoechas	(Intercept)	0.0006	0.0001	7.7170	7.8553	**0.0001**
	visitatio_rate	-0.0001	0.0001	-0.7251	17.3400	0.4780
Salvia rosmarinus	(Intercept)	0.0006	0.0001	7.3099	7.4568	**0.0001**
	visitatio_rate	-0.0003	0.0002	-1.2374	8.9410	0.2474
Teucrium fruticans	(Intercept)	0.0032	0.0012	2.7775	9.0000	**0.0215**
	visitatio_rate	0.0006	0.0013	0.4303	9.0000	0.6771

Hymenoptera visitation

Plant_gen_sp	term	estimate	std.error	statistic	df	p.value
Asphodelus fistulosus	(Intercept)	0.0168	0.0040	4.2194	1.9881	0.0524
	Hym_visit	-0.0059	0.0057	-1.0458	11.1685	0.3178
Cistus crispus	(Intercept)	0.0169	0.0012	13.6719	18.6824	**0.0000**
	Hym_visit	-0.0001	0.0013	-0.0448	66.0001	0.9644
Cistus ladanifer	(Intercept)	0.1179	0.0137	8.6216	7.7910	**0.0000**
	Hym_visit	0.0097	0.0144	0.6773	50.1375	0.5014
Cistus libanotis	(Intercept)	0.0146	0.0019	7.7400	14.0000	**0.0000**
	Hym_visit	-0.0073	0.0063	-1.1663	14.0000	0.2630
Cistus monspeliensis	(Intercept)	0.0149	0.0043	3.4697	1.1705	0.1491
	Hym_visit	0.0099	0.0143	0.6976	8.7546	0.5035
Cistus salviifolius	(Intercept)	0.0476	0.0024	19.5886	64.0000	**0.0000**
	Hym_visit	-0.0141	0.0044	-3.1807	64.0000	**0.0023**
Halimium calycinum	(Intercept)	0.0071	0.0013	5.4234	2.8227	**0.0144**
	Hym_visit	-0.0015	0.0022	-0.6547	15.2413	0.5224
Halimium halimifolium	(Intercept)	0.0100	0.0016	6.2265	43.0000	**0.0000**
	Hym_visit	0.0014	0.0056	0.2451	43.0000	0.8075
Lavandula pedunculata	(Intercept)	0.0012	0.0002	6.8644	13.5977	**0.0000**
	Hym_visit	-0.0016	0.0009	-1.7840	42.8715	0.0815
Lavandula stoechas	(Intercept)	0.0006	0.0001	7.7319	7.7747	**0.0001**
	Hym_visit	-0.0001	0.0001	-0.7347	17.3100	0.4724
Salvia rosmarinus	(Intercept)	0.0006	0.0001	7.3056	7.4532	**0.0001**
	Hym_visit	-0.0003	0.0002	-1.2455	8.9074	0.2447
Teucrium fruticans	(Intercept)	0.0032	0.0012	2.7633	9.0000	**0.0220**
	Hym_visit	0.0006	0.0013	0.4550	9.0000	0.6599

Frequency

Plant_gen_sp	term	estimate	std.error	statistic	df	p.value
Asphodelus fistulosus	(Intercept)	0.0180	0.0039	4.6170	2.2504	**0.0349**
	Frequency	-0.0006	0.0004	-1.6039	12.3931	0.1339
Cistus crispus	(Intercept)	0.0173	0.0013	13.7931	19.5249	**0.0000**
	Frequency	0.0000	0.0001	-0.4955	67.4134	0.6219
Cistus ladanifer	(Intercept)	0.1232	0.0125	9.8735	6.4470	**0.0000**
	Frequency	0.0001	0.0009	0.0896	49.3434	0.9290
Cistus libanotis	(Intercept)	0.0122	0.0026	4.6286	14.0000	**0.0004**
	Frequency	0.0001	0.0002	0.2815	14.0000	0.7825
Cistus monspeliensis	(Intercept)	0.0130	0.0045	2.8828	1.2823	0.1662
	Frequency	0.0006	0.0003	2.0262	8.0208	0.0772
Cistus salviifolius	(Intercept)	0.0434	0.0029	14.9048	64.0000	**0.0000**
	Frequency	0.0000	0.0004	-0.1099	64.0000	0.9128
Halimium calycinum	(Intercept)	0.0066	0.0015	4.5403	17.0000	**0.0003**
	Frequency	0.0000	0.0002	0.2374	17.0000	0.8152
Halimium halimifolium	(Intercept)	0.0104	0.0017	6.1986	43.0000	**0.0000**
	Frequency	0.0000	0.0001	-0.1742	43.0000	0.8625
Lavandula pedunculata	(Intercept)	0.0009	0.0002	5.8625	11.4225	**0.0001**
	Frequency	0.0000	0.0000	1.1497	42.7491	0.2566
Lavandula stoechas	(Intercept)	0.0006	0.0001	7.0941	11.2803	**0.0000**
	Frequency	0.0000	0.0000	1.9859	21.6394	0.0599
Salvia rosmarinus	(Intercept)	0.0006	0.0001	8.3239	11.0000	**0.0000**
	Frequency	0.0000	0.0000	-0.7404	11.0000	0.4746
Teucrium fruticans	(Intercept)	0.0039	0.0010	3.8093	9.0000	**0.0042**
	Frequency	0.0000	0.0000	-0.3160	9.0000	0.7592

join together Lavandula species

(L.peduncalata (49 obs) and L.stoechas (24 obs))

Fruit proportion - richness

Plant_gen_sp	term	estimate	std.error	statistic	p.value
Asphodelus fistulosus	(Intercept)	0.8987	1.0326	0.8703	0.3841
	richness	0.0585	0.1735	0.3370	0.7361
Cistus crispus	(Intercept)	1.2189	0.3092	3.9417	**0.0001**
	richness	0.0311	0.0817	0.3811	0.7031
Cistus ladanifer	(Intercept)	2.0249	0.5653	3.5818	**0.0003**
	richness	0.3065	0.2197	1.3949	0.1630
Cistus libanotis	(Intercept)	6.5370	2.6118	2.5028	**0.0123**
	richness	-0.6351	0.6072	-1.0460	0.2956
Cistus monspeliensis	(Intercept)	1.4923	1.0640	1.4026	0.1607
	richness	0.0987	0.1861	0.5304	0.5958
Cistus salviifolius	(Intercept)	2.5085	0.3061	8.1955	**0.0000**
	richness	0.0699	0.1108	0.6305	0.5283
Halimium calycinum	(Intercept)	1.2788	1.6658	0.7677	0.4427
	richness	0.8952	0.7410	1.2081	0.2270
Halimium halimifolium	(Intercept)	1.6070	0.2690	5.9747	**0.0000**
	richness	-0.0762	0.0969	-0.7866	0.4315
Lavandula	(Intercept)	1.5029	0.1114	13.4950	**0.0000**
	richness	0.0267	0.0216	1.2359	0.2165
Salvia rosmarinus	(Intercept)	0.0068	1.1151	0.0061	0.9951
	richness	0.4031	0.2548	1.5819	0.1137
Teucrium fruticans	(Intercept)	0.9465	0.9255	1.0227	0.3064
	richness	0.3603	0.1599	2.2534	**0.0242**

Fruit proportion - visitation rate

Plant_gen_sp	term	estimate	std.error	statistic	p.value
Asphodelus fistulosus	(Intercept)	-0.0348	1.1002	-0.0317	0.9747
	visitatio_rate	4.7806	1.1399	4.1940	**0.0000**
Cistus crispus	(Intercept)	1.1926	0.2605	4.5788	**0.0000**
	visitatio_rate	0.1791	0.2340	0.7653	0.4441
Cistus ladanifer	(Intercept)	2.5450	0.5215	4.8801	**0.0000**
	visitatio_rate	0.1442	0.3817	0.3777	0.7057
Cistus libanotis	(Intercept)	3.9772	1.5064	2.6403	**0.0083**
	visitatio_rate	2.7825	6.1785	0.4504	0.6525
Cistus monspeliensis	(Intercept)	0.7588	1.3407	0.5659	0.5714
	visitatio_rate	7.8653	3.9235	2.0046	**0.0450**
Cistus salviifolius	(Intercept)	2.8007	0.2580	10.8567	**0.0000**
	visitatio_rate	-0.2817	0.3341	-0.8429	0.3993
Halimium calycinum	(Intercept)	2.1395	1.2107	1.7672	0.0772
	visitatio_rate	1.5875	2.8199	0.5630	0.5735
Halimium halimifolium	(Intercept)	1.4678	0.2279	6.4416	**0.0000**
	visitatio_rate	-0.0912	0.5876	-0.1552	0.8767
Lavandula	(Intercept)	1.4893	0.1030	14.4641	**0.0000**
	visitatio_rate	0.4504	0.1934	2.3289	**0.0199**
Salvia rosmarinus	(Intercept)	1.0365	0.9757	1.0624	0.2881
	visitatio_rate	-1.6345	0.6088	-2.6848	**0.0073**
Teucrium fruticans	(Intercept)	2.0589	0.9937	2.0720	**0.0383**
	visitatio_rate	0.3900	0.6451	0.6044	0.5455

Fruit proportion - hymenoptera visitation

Plant_gen_sp	term	estimate	std.error	statistic	p.value
Asphodelus fistulosus	(Intercept)	-0.1374	1.1654	-0.1179	0.9061
	Hym_visit	5.6654	1.2033	4.7084	**0.0000**
Cistus crispus	(Intercept)	1.2015	0.2580	4.6575	**0.0000**
	Hym_visit	0.1714	0.2360	0.7260	0.4678
Cistus ladanifer	(Intercept)	2.7882	0.4742	5.8794	**0.0000**
	Hym_visit	-0.1993	0.4064	-0.4905	0.6238
Cistus libanotis	(Intercept)	4.3748	1.3782	3.1744	**0.0015**
	Hym_visit	1.1671	5.5773	0.2093	0.8342
Cistus monspeliensis	(Intercept)	1.1742	1.2190	0.9633	0.3354
	Hym_visit	6.5826	3.2748	2.0101	**0.0444**
Cistus salviifolius	(Intercept)	2.4214	0.2448	9.8918	**0.0000**
	Hym_visit	1.2158	0.9043	1.3445	0.1788
Halimium calycinum	(Intercept)	1.5227	0.8950	1.7014	0.0889
	Hym_visit	17.3352	14.5588	1.1907	0.2338
Halimium halimifolium	(Intercept)	1.4895	0.2015	7.3924	**0.0000**
	Hym_visit	-0.2761	0.6942	-0.3977	0.6908
Lavandula	(Intercept)	1.5025	0.1029	14.6012	**0.0000**
	Hym_visit	0.3621	0.1874	1.9324	0.0533
Salvia rosmarinus	(Intercept)	1.0362	0.9759	1.0618	0.2883
	Hym_visit	-1.6345	0.6089	-2.6843	**0.0073**
Teucrium fruticans	(Intercept)	2.0607	0.9933	2.0745	**0.0380**
	Hym_visit	0.3871	0.6491	0.5964	0.5509

Fruit proportion - frequency

Plant_gen_sp	term	estimate	std.error	statistic	p.value
Asphodelus fistulosus	(Intercept)	0.6378	1.0080	0.6328	0.5269
	Frequency	0.1076	0.0551	1.9541	0.0507
Cistus crispus	(Intercept)	1.2845	0.2612	4.9179	**0.0000**
	Frequency	0.0012	0.0099	0.1168	0.9071
Cistus ladanifer	(Intercept)	3.1005	0.4733	6.5515	**0.0000**
	Frequency	-0.0397	0.0167	-2.3724	**0.0177**
Cistus libanotis	(Intercept)	8.5047	4.8190	1.7648	0.0776
	Frequency	-0.3183	0.3156	-1.0086	0.3132
Cistus monspeliensis	(Intercept)	1.2876	1.0234	1.2581	0.2084
	Frequency	0.0823	0.0697	1.1818	0.2373
Cistus salviifolius	(Intercept)	2.3181	0.2832	8.1853	**0.0000**
	Frequency	0.0847	0.0582	1.4554	0.1456
Halimium calycinum	(Intercept)	1.9767	1.3805	1.4319	0.1522
	Frequency	0.1591	0.2309	0.6891	0.4907
Halimium halimifolium	(Intercept)	1.5412	0.2110	7.3054	**0.0000**
	Frequency	-0.0110	0.0145	-0.7592	0.4477
Lavandula	(Intercept)	1.4168	0.1056	13.4201	**0.0000**
	Frequency	0.0098	0.0020	4.8474	**0.0000**
Salvia rosmarinus	(Intercept)	0.7658	0.9940	0.7704	0.4410
	Frequency	-0.0012	0.0086	-0.1441	0.8854
Teucrium fruticans	(Intercept)	2.5324	0.7048	3.5929	**0.0003**
	Frequency	-0.0124	0.0108	-1.1504	0.2500

Seed number - richness

Plant_gen_sp	term	estimate	std.error	statistic	df	p.value
Asphodelus fistulosus	(Intercept)	3.1304	1.1326	2.7639	2.6368	0.0808
	richness	0.3696	0.3804	0.9716	9.2265	0.3560
Cistus crispus	(Intercept)	36.9479	2.6769	13.8023	37.7263	**0.0000**
	richness	-1.3247	0.7993	-1.6574	67.9047	0.1020
Cistus ladanifer	(Intercept)	436.1185	67.7538	6.4368	51.0000	**0.0000**
	richness	8.1617	31.3217	0.2606	51.0000	0.7955
Cistus libanotis	(Intercept)	16.7712	2.2834	7.3450	14.0000	**0.0000**
	richness	-0.7156	0.7408	-0.9660	14.0000	0.3504
Cistus monspeliensis	(Intercept)	10.7600	3.5884	2.9986	1.7997	0.1083
	richness	1.3748	0.6913	1.9886	8.0064	0.0819
Cistus salviifolius	(Intercept)	38.1001	3.4395	11.0772	32.9219	**0.0000**
	richness	-0.1686	1.4258	-0.1183	63.9064	0.9062
Halimium calycinum	(Intercept)	2.9349	0.5323	5.5132	8.7255	**0.0004**
	richness	-0.1890	0.2583	-0.7317	15.5290	0.4752
Halimium halimifolium	(Intercept)	19.7507	2.6148	7.5535	19.2544	**0.0000**
	richness	-0.1395	0.7791	-0.1791	38.5508	0.8588
Lavandula	(Intercept)	2.0255	0.1811	11.1833	22.7931	**0.0000**
	richness	0.0770	0.0590	1.3043	66.3927	0.1966
Salvia rosmarinus	(Intercept)	2.0257	0.3494	5.7981	10.8250	**0.0001**
	richness	0.2971	0.1573	1.8892	8.6479	0.0928
Teucrium fruticans	(Intercept)	3.0030	1.2301	2.4413	4.7547	0.0611
	richness	-0.0203	0.3141	-0.0647	8.3222	0.9499

Seed number - visitation rate

Plant_gen_sp	term	estimate	std.error	statistic	df	p.value
Asphodelus fistulosus	(Intercept)	4.6059	1.0005	4.6036	2.1136	**0.0397**
	visitatio_rate	-2.1062	0.8166	-2.5792	11.1023	**0.0255**
Cistus crispus	(Intercept)	33.3809	2.1583	15.4664	18.1118	**0.0000**
	visitatio_rate	-0.0804	2.0269	-0.0396	65.7180	0.9685
Cistus ladanifer	(Intercept)	431.1849	48.0821	8.9677	51.0000	**0.0000**
	visitatio_rate	21.7615	37.3768	0.5822	51.0000	0.5630
Cistus libanotis	(Intercept)	19.1307	2.0726	9.2304	14.0000	**0.0000**
	visitatio_rate	-14.1206	5.9647	-2.3674	14.0000	**0.0329**
Cistus monspeliensis	(Intercept)	14.6758	3.8979	3.7651	1.3623	0.1117
	visitatio_rate	-1.9138	12.6807	-0.1509	8.8220	0.8834
Cistus salviifolius	(Intercept)	41.0266	2.7452	14.9447	12.5494	**0.0000**
	visitatio_rate	-6.9772	3.1271	-2.2312	63.4551	**0.0292**
Halimium calycinum	(Intercept)	2.6921	0.2993	8.9950	4.7195	**0.0004**
	visitatio_rate	-0.2679	0.3988	-0.6718	14.8252	0.5121
Halimium halimifolium	(Intercept)	17.7932	2.2302	7.9783	12.8412	**0.0000**
	visitatio_rate	6.1745	4.7258	1.3066	39.6394	0.1989
Lavandula	(Intercept)	2.2071	0.1531	14.4115	10.7258	**0.0000**
	visitatio_rate	-0.2278	0.2934	-0.7764	66.9795	0.4402
Salvia rosmarinus	(Intercept)	2.4410	0.2536	9.6253	7.2906	**0.0000**
	visitatio_rate	0.3861	0.5189	0.7441	6.7964	0.4818
Teucrium fruticans	(Intercept)	3.4215	1.3129	2.6061	1.1841	0.2008
	visitatio_rate	-1.3499	1.0419	-1.2956	8.9790	0.2274

Seed number - hymenoptera visitation

Plant_gen_sp	term	estimate	std.error	statistic	df	p.value
Asphodelus fistulosus	(Intercept)	4.5623	1.0058	4.5358	2.0900	**0.0417**
	Hym_visit	-1.9997	0.7919	-2.5251	11.0652	**0.0281**
Cistus crispus	(Intercept)	33.4147	2.1473	15.5614	17.8652	**0.0000**
	Hym_visit	-0.1410	2.0916	-0.0674	65.4361	0.9465
Cistus ladanifer	(Intercept)	429.8104	45.2401	9.5006	51.0000	**0.0000**
	Hym_visit	37.3180	53.2003	0.7015	51.0000	0.4862
Cistus libanotis	(Intercept)	16.3039	1.9437	8.3882	14.0000	**0.0000**
	Hym_visit	-5.9670	6.4654	-0.9229	14.0000	0.3717
Cistus monspeliensis	(Intercept)	14.0426	3.3633	4.1753	1.1741	0.1209
	Hym_visit	2.8972	11.3469	0.2553	8.7763	0.8044
Cistus salviifolius	(Intercept)	41.6444	2.4659	16.8883	13.1177	**0.0000**
	Hym_visit	-13.4132	3.8952	-3.4435	63.8183	**0.0010**
Halimium calycinum	(Intercept)	2.6498	0.2869	9.2353	3.8909	**0.0009**
	Hym_visit	-0.2067	0.4242	-0.4873	14.1649	0.6335
Halimium halimifolium	(Intercept)	18.4598	2.1591	8.5499	9.6982	**0.0000**
	Hym_visit	5.5040	5.5550	0.9908	38.0853	0.3280
Lavandula	(Intercept)	2.2091	0.1527	14.4703	10.6210	**0.0000**
	Hym_visit	-0.2519	0.2930	-0.8598	66.8875	0.3930
Salvia rosmarinus	(Intercept)	2.4408	0.2537	9.6209	7.2932	**0.0000**
	Hym_visit	0.3880	0.5205	0.7453	6.7920	0.4811
Teucrium fruticans	(Intercept)	3.4385	1.3340	2.5776	1.1662	0.2060
	Hym_visit	-1.4052	1.0489	-1.3398	8.9846	0.2132

Seed number - frequency

Plant_gen_sp	term	estimate	std.error	statistic	df	p.value
Asphodelus fistulosus	(Intercept)	4.8472	1.0688	4.5350	2.0870	**0.0419**
	Frequency	-0.1838	0.0485	-3.7899	11.2106	**0.0029**
Cistus crispus	(Intercept)	34.7305	2.1267	16.3307	19.1769	**0.0000**
	Frequency	-0.0986	0.0926	-1.0645	67.1508	0.2909
Cistus ladanifer	(Intercept)	442.8248	40.7179	10.8754	8.1380	**0.0000**
	Frequency	1.2295	3.4535	0.3560	48.2360	0.7234
Cistus libanotis	(Intercept)	18.0444	2.5067	7.1984	14.0000	**0.0000**
	Frequency	-0.3056	0.2157	-1.4169	14.0000	0.1784
Cistus monspeliensis	(Intercept)	12.2415	3.2677	3.7462	1.3935	0.1090
	Frequency	0.3798	0.2297	1.6538	8.0287	0.1366
Cistus salviifolius	(Intercept)	37.9992	2.6862	14.1459	18.4626	**0.0000**
	Frequency	-0.0419	0.3119	-0.1343	63.6194	0.8936
Halimium calycinum	(Intercept)	2.8413	0.3441	8.2577	5.8556	**0.0002**
	Frequency	-0.0408	0.0363	-1.1255	16.7285	0.2763
Halimium halimifolium	(Intercept)	19.4644	2.2147	8.7887	10.5429	**0.0000**
	Frequency	-0.0035	0.1223	-0.0285	41.1632	0.9774
Lavandula	(Intercept)	2.1641	0.1661	13.0314	14.3256	**0.0000**
	Frequency	0.0007	0.0056	0.1194	70.0925	0.9053
Salvia rosmarinus	(Intercept)	2.4697	0.2420	10.2069	6.5095	**0.0000**
	Frequency	0.0017	0.0033	0.5209	7.7412	0.6170
Teucrium fruticans	(Intercept)	2.8432	0.8269	3.4386	1.4344	0.1174
	Frequency	0.0007	0.0188	0.0362	7.0442	0.9721

Seed weight - richness

Plant_gen_sp	term	estimate	std.error	statistic	df	p.value
Asphodelus fistulosus	(Intercept)	0.0234	0.0031	7.6585	13.0000	**0.0000**
	richness	-0.0039	0.0014	-2.7219	13.0000	**0.0175**
Cistus crispus	(Intercept)	0.0182	0.0016	11.2383	38.2284	**0.0000**
	richness	-0.0005	0.0005	-0.9692	67.9325	0.3359
Cistus ladanifer	(Intercept)	0.1210	0.0193	6.2843	23.8455	**0.0000**
	richness	0.0015	0.0085	0.1707	50.4419	0.8651
Cistus libanotis	(Intercept)	0.0115	0.0023	5.0303	14.0000	**0.0002**
	richness	0.0005	0.0007	0.6978	14.0000	0.4967
Cistus monspeliensis	(Intercept)	0.0120	0.0050	2.3829	1.6927	0.1624
	richness	0.0016	0.0009	1.7029	8.0056	0.1270
Cistus salviifolius	(Intercept)	0.0432	0.0038	11.3986	64.0000	**0.0000**
	richness	0.0000	0.0016	0.0111	64.0000	0.9912
Halimium calycinum	(Intercept)	0.0060	0.0023	2.5958	3.2515	0.0743
	richness	0.0005	0.0012	0.4007	7.1903	0.7003
Halimium halimifolium	(Intercept)	0.0099	0.0022	4.4960	43.0000	**0.0001**
	richness	0.0001	0.0008	0.1601	43.0000	0.8736
Lavandula	(Intercept)	0.0009	0.0001	6.4411	14.7771	**0.0000**
	richness	0.0000	0.0000	0.3024	62.8028	0.7634
Salvia rosmarinus	(Intercept)	0.0007	0.0001	5.8855	11.0000	**0.0001**
	richness	-0.0001	0.0001	-1.4909	11.0000	0.1641
Teucrium fruticans	(Intercept)	0.0019	0.0015	1.2443	9.0000	0.2448
	richness	0.0005	0.0004	1.2202	9.0000	0.2534

Seed weight - visitation rate

Plant_gen_sp	term	estimate	std.error	statistic	df	p.value
Asphodelus fistulosus	(Intercept)	0.0170	0.0040	4.2113	2.0969	**0.0479**
	visitatio_rate	-0.0066	0.0058	-1.1347	11.3539	0.2799
Cistus crispus	(Intercept)	0.0169	0.0012	13.6038	18.9073	**0.0000**
	visitatio_rate	-0.0001	0.0012	-0.0457	66.2984	0.9637
Cistus ladanifer	(Intercept)	0.1141	0.0145	7.8787	9.7303	**0.0000**
	visitatio_rate	0.0098	0.0100	0.9846	50.9411	0.3295
Cistus libanotis	(Intercept)	0.0166	0.0021	7.7190	14.0000	**0.0000**
	visitatio_rate	-0.0122	0.0062	-1.9759	14.0000	0.0682
Cistus monspeliensis	(Intercept)	0.0159	0.0051	3.0959	1.3450	0.1450
	visitatio_rate	0.0011	0.0163	0.0683	8.7824	0.9471
Cistus salviifolius	(Intercept)	0.0475	0.0027	17.5042	64.0000	**0.0000**
	visitatio_rate	-0.0084	0.0035	-2.4319	64.0000	**0.0178**
Halimium calycinum	(Intercept)	0.0073	0.0014	5.2540	3.7255	**0.0076**
	visitatio_rate	-0.0018	0.0021	-0.8611	15.8657	0.4020
Halimium halimifolium	(Intercept)	0.0102	0.0018	5.6353	43.0000	**0.0000**
	visitatio_rate	0.0001	0.0047	0.0192	43.0000	0.9847
Lavandula	(Intercept)	0.0010	0.0001	7.6580	9.2436	**0.0000**
	visitatio_rate	-0.0002	0.0002	-0.9905	63.8007	0.3257
Salvia rosmarinus	(Intercept)	0.0006	0.0001	7.3099	7.4568	**0.0001**
	visitatio_rate	-0.0003	0.0002	-1.2374	8.9410	0.2474
Teucrium fruticans	(Intercept)	0.0032	0.0012	2.7775	9.0000	**0.0215**
	visitatio_rate	0.0006	0.0013	0.4303	9.0000	0.6771

Seed weight - hymenoptera visitation

Plant_gen_sp	term	estimate	std.error	statistic	df	p.value
Asphodelus fistulosus	(Intercept)	0.0168	0.0040	4.2194	1.9881	0.0524
	Hym_visit	-0.0059	0.0057	-1.0458	11.1685	0.3178
Cistus crispus	(Intercept)	0.0169	0.0012	13.6719	18.6824	**0.0000**
	Hym_visit	-0.0001	0.0013	-0.0448	66.0001	0.9644
Cistus ladanifer	(Intercept)	0.1179	0.0137	8.6216	7.7910	**0.0000**
	Hym_visit	0.0097	0.0144	0.6773	50.1375	0.5014
Cistus libanotis	(Intercept)	0.0146	0.0019	7.7400	14.0000	**0.0000**
	Hym_visit	-0.0073	0.0063	-1.1663	14.0000	0.2630
Cistus monspeliensis	(Intercept)	0.0149	0.0043	3.4697	1.1705	0.1491
	Hym_visit	0.0099	0.0143	0.6976	8.7546	0.5035
Cistus salviifolius	(Intercept)	0.0476	0.0024	19.5886	64.0000	**0.0000**
	Hym_visit	-0.0141	0.0044	-3.1807	64.0000	**0.0023**
Halimium calycinum	(Intercept)	0.0071	0.0013	5.4234	2.8227	**0.0144**
	Hym_visit	-0.0015	0.0022	-0.6547	15.2413	0.5224
Halimium halimifolium	(Intercept)	0.0100	0.0016	6.2265	43.0000	**0.0000**
	Hym_visit	0.0014	0.0056	0.2451	43.0000	0.8075
Lavandula	(Intercept)	0.0010	0.0001	7.6633	9.1783	**0.0000**
	Hym_visit	-0.0002	0.0002	-0.9990	63.7392	0.3216
Salvia rosmarinus	(Intercept)	0.0006	0.0001	7.3056	7.4532	**0.0001**
	Hym_visit	-0.0003	0.0002	-1.2455	8.9074	0.2447
Teucrium fruticans	(Intercept)	0.0032	0.0012	2.7633	9.0000	**0.0220**
	Hym_visit	0.0006	0.0013	0.4550	9.0000	0.6599

Seed weight - frequency

Plant_gen_sp	term	estimate	std.error	statistic	df	p.value
Asphodelus fistulosus	(Intercept)	0.0180	0.0039	4.6170	2.2504	**0.0349**
	Frequency	-0.0006	0.0004	-1.6039	12.3931	0.1339
Cistus crispus	(Intercept)	0.0173	0.0013	13.7931	19.5249	**0.0000**
	Frequency	0.0000	0.0001	-0.4955	67.4134	0.6219
Cistus ladanifer	(Intercept)	0.1232	0.0125	9.8735	6.4470	**0.0000**
	Frequency	0.0001	0.0009	0.0896	49.3434	0.9290
Cistus libanotis	(Intercept)	0.0122	0.0026	4.6286	14.0000	**0.0004**
	Frequency	0.0001	0.0002	0.2815	14.0000	0.7825
Cistus monspeliensis	(Intercept)	0.0130	0.0045	2.8828	1.2823	0.1662
	Frequency	0.0006	0.0003	2.0262	8.0208	0.0772
Cistus salviifolius	(Intercept)	0.0434	0.0029	14.9048	64.0000	**0.0000**
	Frequency	0.0000	0.0004	-0.1099	64.0000	0.9128
Halimium calycinum	(Intercept)	0.0066	0.0015	4.5403	17.0000	**0.0003**
	Frequency	0.0000	0.0002	0.2374	17.0000	0.8152
Halimium halimifolium	(Intercept)	0.0104	0.0017	6.1986	43.0000	**0.0000**
	Frequency	0.0000	0.0001	-0.1742	43.0000	0.8625
Lavandula	(Intercept)	0.0008	0.0001	6.1699	11.3783	**0.0001**
	Frequency	0.0000	0.0000	2.5022	66.1507	**0.0148**
Salvia rosmarinus	(Intercept)	0.0006	0.0001	8.3239	11.0000	**0.0000**
	Frequency	0.0000	0.0000	-0.7404	11.0000	0.4746
Teucrium fruticans	(Intercept)	0.0039	0.0010	3.8093	9.0000	**0.0042**
	Frequency	0.0000	0.0000	-0.3160	9.0000	0.7592