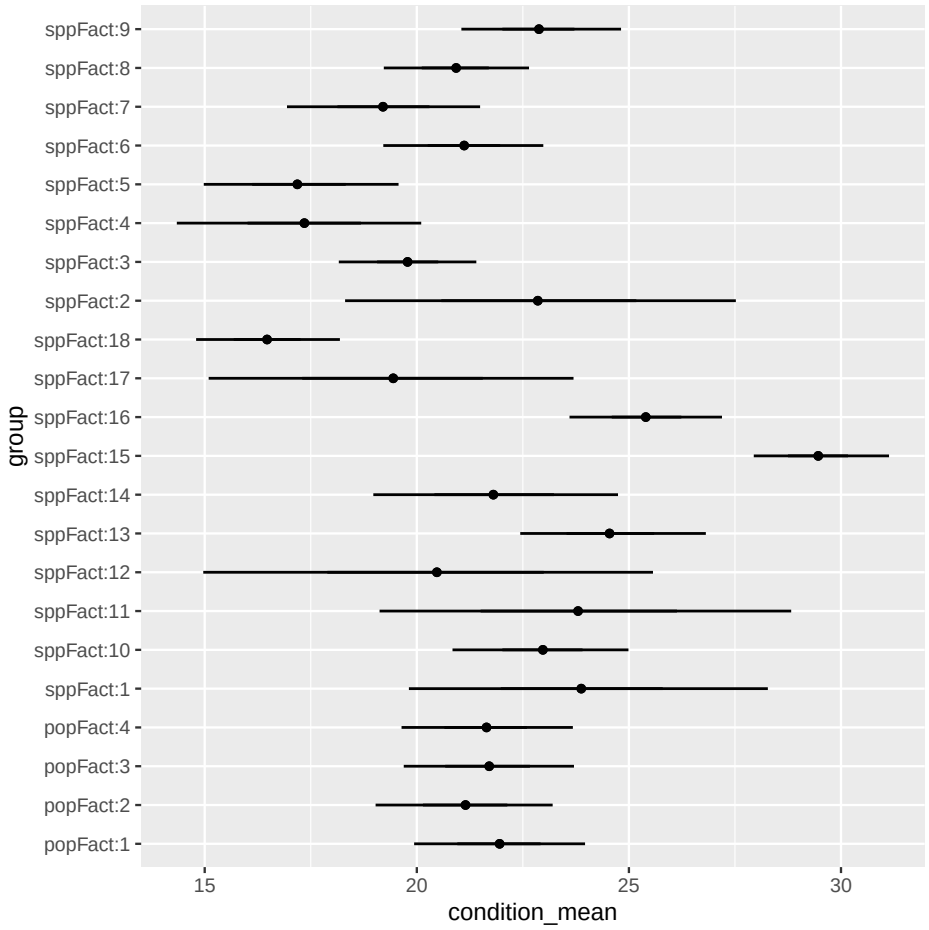
Running trait data combined across years using Rstanarm

Specific leaf area

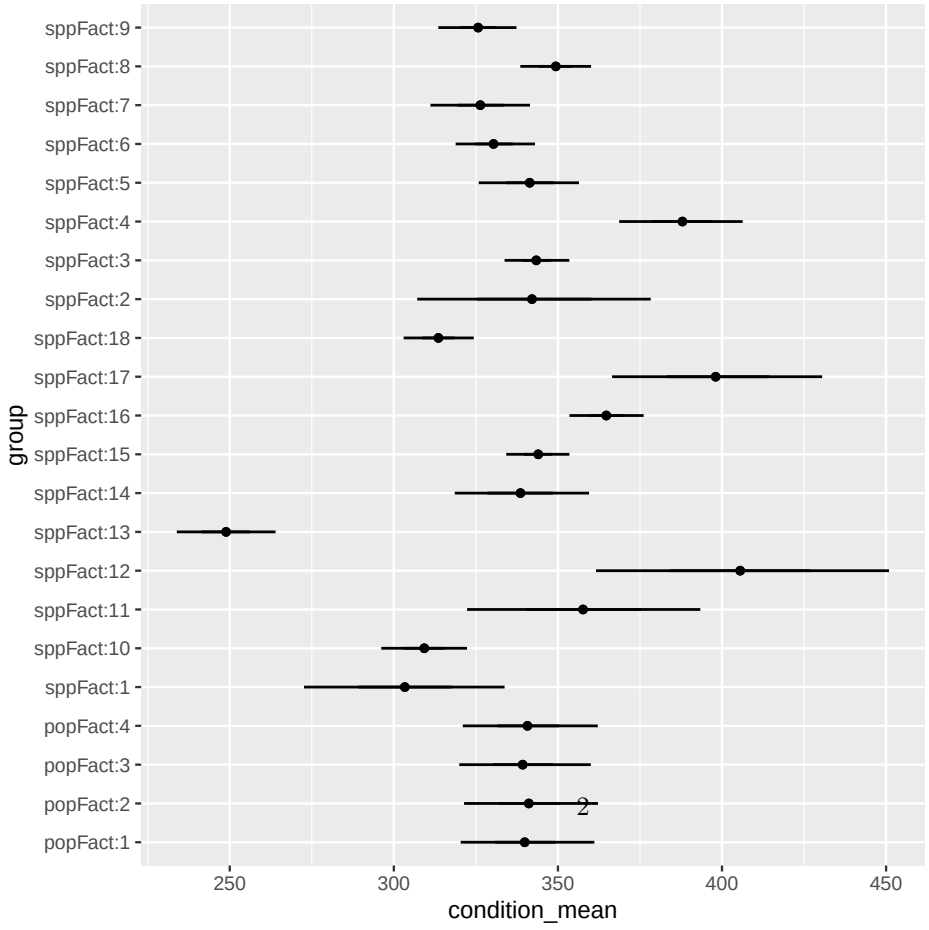


Rstanarm SLA model for all years of data (2019 and 2022)

Table 1: Summary of the intercept only model for plant SLA in 2019 and 2022 with species (n = 18) and population (n = 4).

	group	b	.lower	.upper	.width	.point	.interval
1	popFact:1	0.23	-0.85	1.71	0.95	median	qi
2	popFact:2	-0.36	-2.20	0.52	0.95	median	qi
3	popFact:3	0.02	-1.21	1.39	0.95	median	qi
4	popFact:4	0.00	-1.31	1.30	0.95	median	qi
5	sppFact:1	2.21	-1.85	6.62	0.95	median	qi
6	sppFact:10	1.31	-1.20	3.89	0.95	median	qi
7	sppFact:11	2.16	-2.61	7.05	0.95	median	qi
8	sppFact:12	-1.18	-6.46	3.87	0.95	median	qi
9	sppFact:13	2.94	0.25	5.63	0.95	median	qi
10	sppFact:14	0.19	-2.94	3.38	0.95	median	qi
11	sppFact:15	7.83	5.70	10.07	0.95	median	qi
12	sppFact:16	3.77	1.46	6.16	0.95	median	qi
13	sppFact:17	-2.20	-6.51	2.12	0.95	median	qi
14	sppFact:18	-5.14	-7.46	-2.78	0.95	median	qi
15	sppFact:2	1.21	-3.41	5.90	0.95	median	qi
16	sppFact:3	-1.84	-4.07	0.40	0.95	median	qi
17	sppFact:4	-4.24	-7.55	-1.32	0.95	median	qi
18	sppFact:5	-4.41	-7.10	-1.68	0.95	median	qi
19	sppFact:6	-0.51	-2.96	1.96	0.95	median	qi
20	sppFact:7	-2.42	-5.00	0.22	0.95	median	qi
21	sppFact:8	-0.67	-3.04	1.49	0.95	median	qi
22	sppFact:9	1.25	-1.13	3.66	0.95	median	qi

Leaf dry matter content

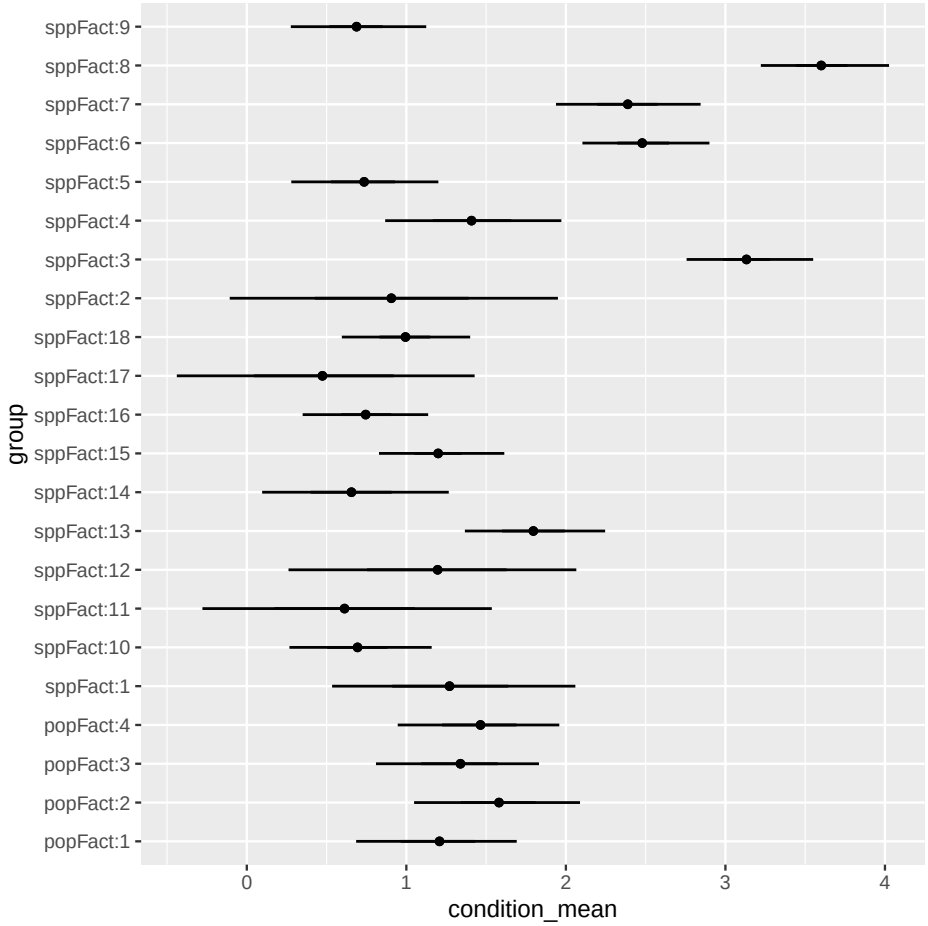


LDMC model with all years (2019 and 2022) combined for all species (n=18)

Table 2: Summary of the intercept only model for plant LDMC in 2019 and 2022 with species (n = 18) and population (n = 4).

	group	b	.lower	.upper	.width	.point	.interval
1	popFact:1	-0.14	-6.63	5.33	0.95	median	qi
2	popFact:2	0.35	-4.35	8.35	0.95	median	qi
3	popFact:3	-0.46	-8.49	4.83	0.95	median	qi
4	popFact:4	0.17	-5.40	7.30	0.95	median	qi
5	sppFact:1	-36.98	-72.17	-3.85	0.95	median	qi
6	sppFact:10	-31.18	-54.58	-8.97	0.95	median	qi
7	sppFact:11	17.10	-21.41	55.93	0.95	median	qi
8	sppFact:12	65.03	20.13	111.92	0.95	median	qi
9	sppFact:13	-91.51	-116.95	-68.15	0.95	median	qi
10	sppFact:14	-1.75	-29.21	25.22	0.95	median	qi
11	sppFact:15	3.65	-18.16	23.93	0.95	median	qi
12	sppFact:16	24.39	1.96	45.84	0.95	median	qi
13	sppFact:17	57.74	23.10	94.79	0.95	median	qi
14	sppFact:18	-26.76	-49.56	-5.73	0.95	median	qi
15	sppFact:2	1.53	-36.63	40.53	0.95	median	qi
16	sppFact:3	2.91	-19.31	23.77	0.95	median	qi
17	sppFact:4	47.16	21.48	72.99	0.95	median	qi
18	sppFact:5	0.98	-23.07	24.99	0.95	median	qi
19	sppFact:6	-9.73	-32.12	11.68	0.95	median	qi
20	sppFact:7	-13.99	-38.88	8.87	0.95	median	qi
21	sppFact:8	8.93	-12.88	30.29	0.95	median	qi
22	sppFact:9	-14.68	-38.08	6.90	0.95	median	qi

Height



Height model with all years (2019, 2020, 2022) combined for all species (n=18)

Table 3: Summary of the intercept only model for plant height from 2019 to 2022 with species (n = 18) and population (n = 4).

	group	b	.lower	.upper	.width	.point	.interval
1	popFact:1	-0.18	-0.59	0.15	0.95	median	qi
2	popFact:2	0.18	-0.17	0.56	0.95	median	qi
3	popFact:3	-0.05	-0.46	0.29	0.95	median	qi
4	popFact:4	0.06	-0.31	0.44	0.95	median	qi
5	sppFact:1	-0.13	-0.92	0.70	0.95	median	qi
6	sppFact:10	-0.71	-1.25	-0.14	0.95	median	qi
7	sppFact:11	-0.77	-1.71	0.13	0.95	median	qi
8	sppFact:12	-0.21	-1.14	0.72	0.95	median	qi
9	sppFact:13	0.40	-0.13	0.99	0.95	median	qi
10	sppFact:14	-0.74	-1.37	-0.10	0.95	median	qi
11	sppFact:15	-0.20	-0.72	0.36	0.95	median	qi
12	sppFact:16	-0.65	-1.17	-0.09	0.95	median	qi
13	sppFact:17	-0.90	-1.89	-0.03	0.95	median	qi
14	sppFact:18	-0.40	-0.91	0.13	0.95	median	qi
15	sppFact:2	-0.48	-1.51	0.52	0.95	median	qi
16	sppFact:3	1.73	1.24	2.29	0.95	median	qi
17	sppFact:4	0.01	-0.62	0.65	0.95	median	qi
18	sppFact:5	-0.66	-1.22	-0.10	0.95	median	qi
19	sppFact:6	1.08	0.57	1.64	0.95	median	qi
20	sppFact:7	0.99	0.44	1.59	0.95	median	qi
21	sppFact:8	2.20	1.69	2.76	0.95	median	qi
22	sppFact:9	-0.72	-1.24	-0.15	0.95	median	qi

Stem specific density

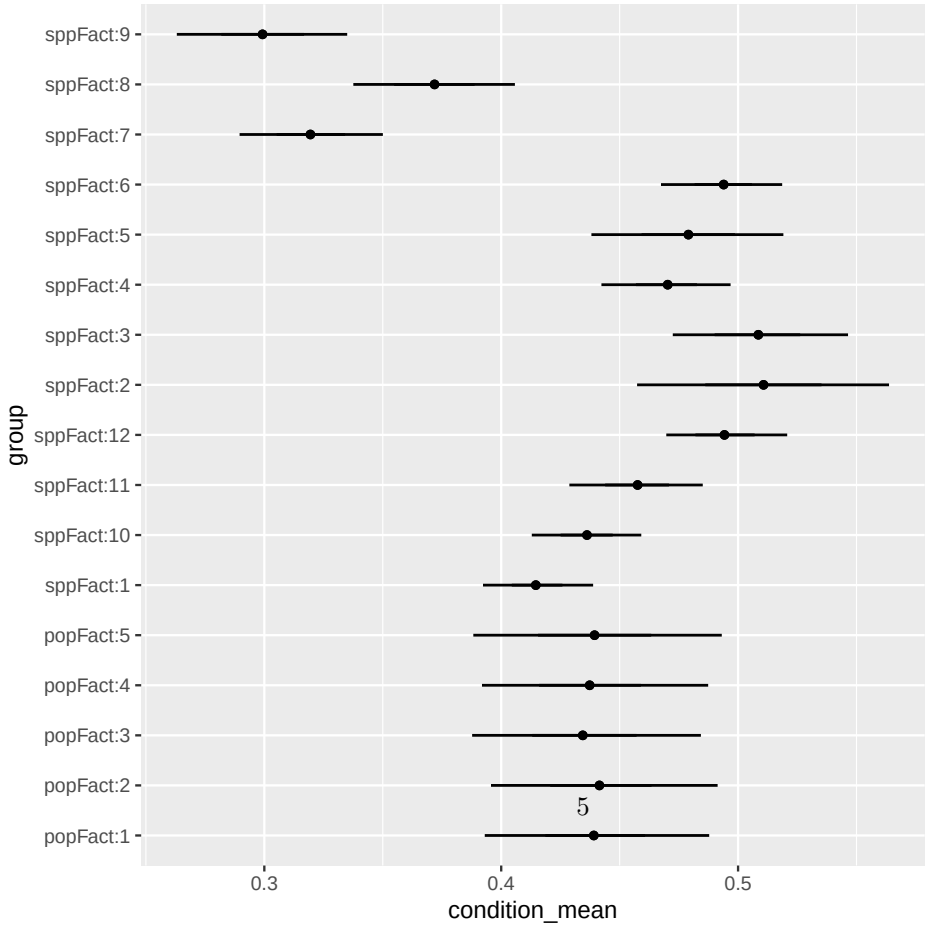


Table 4: Summary of the intercept only model for plant SSD in 2022 (n = 240) with species (n = 14) and population (n = 5).

	group	b	.lower	.upper	.width	.point	.interval
1	popFact:1	0.00	-0.01	0.02	0.95	median	qi
2	popFact:2	0.00	-0.01	0.02	0.95	median	qi
3	popFact:3	-0.00	-0.02	0.01	0.95	median	qi
4	popFact:4	-0.00	-0.02	0.01	0.95	median	qi
5	popFact:5	0.00	-0.02	0.03	0.95	median	qi
6	sppFact:1	-0.02	-0.07	0.03	0.95	median	qi
7	sppFact:10	-0.00	-0.05	0.05	0.95	median	qi
8	sppFact:11	0.02	-0.03	0.07	0.95	median	qi
9	sppFact:12	0.06	0.00	0.11	0.95	median	qi
10	sppFact:2	0.07	0.01	0.14	0.95	median	qi
11	sppFact:3	0.07	0.01	0.13	0.95	median	qi
12	sppFact:4	0.03	-0.02	0.08	0.95	median	qi
13	sppFact:5	0.04	-0.02	0.10	0.95	median	qi
14	sppFact:6	0.06	0.00	0.11	0.95	median	qi
15	sppFact:7	-0.12	-0.17	-0.07	0.95	median	qi
16	sppFact:8	-0.07	-0.12	-0.01	0.95	median	qi
17	sppFact:9	-0.14	-0.20	-0.09	0.95	median	qi