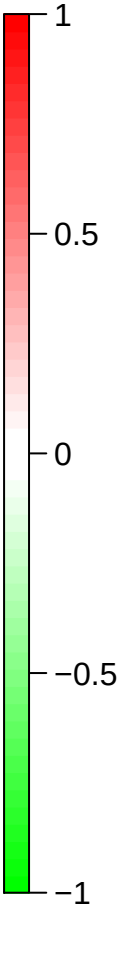
Module−trait relationships

	sex	heterotherm	weight_sac	days_hib	temp_sac	weight_delta	sac_day	sac_time	sac_day_sandy	SA	IBA	Ent	LT	Ar	SpD	LTandAr
0	0.044	0.004	−0.012	−0.0072	−0.042	−0.054	0.05	0.072	0.018	−0.0065	−0.15	0.15	0.025	−0.022	0.0014	0.0024
	(0.8)	(1)	(0.9)	(1)	(0.8)	(0.8)	(0.8)	(0.7)	(0.9)	(1)	(0.4)	(0.4)	(0.9)	(0.9)	(1)	(1)
1	0.0082	0.79	−0.5	0.092	−0.89	0.15	0.029	−0.044	0.22	−0.54	−0.25	0.3	0.43	0.53	−0.46	0.76
	(1)	(2e−07)	(0.005)	(0.6)	(3e−11)	(0.4)	(0.9)	(0.8)	(0.2)	(0.002)	(0.2)	(0.1)	(0.02)	(0.003)	(0.01)	(1e−06)
2	−0.027	−0.56	0.44	−0.096	0.88	−0.1	0.16	0.0036	−0.2	0.42	0.53	−0.24	−0.5	−0.5	0.28	−0.79
	(0.9)	(0.001)	(0.02)	(0.6)	(3e−11)	(0.6)	(0.4)	(1)	(0.3)	(0.02)	(0.002)	(0.2)	(0.005)	(0.005)	(0.1)	(2e−07)
3	−0.06	0.71	−0.18	0.08	−0.14	0.18	0.52	−0.18	0.17	−0.41	0.83	−0.049	−0.0018	0.11	−0.48	0.089
	(0.8)	(1e−05)	(0.4)	(0.7)	(0.5)	(0.3)	(0.003)	(0.3)	(0.4)	(0.02)	(1e−08)	(0.8)	(1)	(0.5)	(0.007)	(0.6)
4	0.05	−0.36	−0.083	−0.016	−0.27	−0.12	−0.5	0.084	−0.044	0.16	−0.94	0.14	0.24	0.1	0.3	0.27
	(0.8)	(0.05)	(0.7)	(0.9)	(0.2)	(0.5)	(0.004)	(0.7)	(0.8)	(0.4)	(2e−14)	(0.5)	(0.2)	(0.6)	(0.1)	(0.2)
5	0.015	−0.9	0.3	−0.0079	0.49	−0.17	−0.4	0.098	−0.13	0.48	−0.55	−0.095	−0.16	−0.34	0.66	−0.39
	(0.9)	(7e−12)	(0.1)	(1)	(0.006)	(0.4)	(0.03)	(0.6)	(0.5)	(0.007)	(0.002)	(0.6)	(0.4)	(0.07)	(7e−05)	(0.03)
6	0.064	0.67	−0.18	0.23	−0.4	0.4	0.32	0.16	0.32	−0.48	0.33	0.078	0.2	0.24	−0.36	0.35
	(0.7)	(5e−05)	(0.3)	(0.2)	(0.03)	(0.03)	(0.08)	(0.4)	(0.09)	(0.007)	(0.07)	(0.7)	(0.3)	(0.2)	(0.05)	(0.06)
7	−0.088	0.31	−0.32	0.37	−0.6	0.17	−0.038	−0.093	0.43	−0.46	−0.42	0.17	0.55	0.092	0.07	0.51
	(0.6)	(0.1)	(0.08)	(0.04)	(5e−04)	(0.4)	(0.8)	(0.6)	(0.02)	(0.01)	(0.02)	(0.4)	(0.002)	(0.6)	(0.7)	(0.004)
8	0.064	−0.43	0.28	−0.28	0.18	−0.22	−0.46	0.29	−0.34	0.43	−0.46	0.18	−0.2	−0.063	0.12	−0.21
	(0.7)	(0.02)	(0.1)	(0.1)	(0.3)	(0.3)	(0.01)	(0.1)	(0.07)	(0.02)	(0.01)	(0.3)	(0.3)	(0.7)	(0.5)	(0.3)
9	−0.063	−0.41	0.018	0.45	0.035	0.14	−0.24	0.07	0.39	−0.088	−0.48	−0.024	0.24	−0.26	0.61	−0.018
	(0.7)	(0.02)	(0.9)	(0.01)	(0.9)	(0.4)	(0.2)	(0.7)	(0.03)	(0.6)	(0.008)	(0.9)	(0.2)	(0.2)	(3e−04)	(0.9)
10	0.11	−0.51	0.29	0.13	0.32	0.12	−0.13	0.27	0.055	0.24	−0.3	−0.016	0.052	−0.38	0.4	−0.26
	(0.6)	(0.004)	(0.1)	(0.5)	(0.09)	(0.5)	(0.5)	(0.2)	(0.8)	(0.2)	(0.1)	(0.9)	(0.8)	(0.04)	(0.03)	(0.2)
11	0.0067	0.083	−0.17	0.38	−0.4	0.28	−0.21	0.066	0.38	−0.27	−0.44	0.08	0.42	0.044	0.16	0.37
	(1)	(0.7)	(0.4)	(0.04)	(0.03)	(0.1)	(0.3)	(0.7)	(0.04)	(0.2)	(0.01)	(0.7)	(0.02)	(0.8)	(0.4)	(0.04)
12	0.08	−0.094	0.052	−0.3	−0.25	−0.27	−0.13	0.12	−0.25	0.17	−0.46	0.092	0.32	−0.069	−0.056	0.2
	(0.7)	(0.6)	(0.8)	(0.1)	(0.2)	(0.1)	(0.5)	(0.5)	(0.2)	(0.4)	(0.01)	(0.6)	(0.08)	(0.7)	(0.8)	(0.3)
13	0.057	−0.72	0.84	−0.69	0.42	−0.62	−0.43	0.22	−0.77	0.84	−0.36	0.16	−0.21	−0.18	0.17	−0.31
	(0.8)	(7e−06)	(8e−04)	(2e−05)	(0.02)	(2e−04)	(0.02)	(0.2)	(8e−07)	(3e−11)	(0.05)	(0.4)	(0.3)	(0.3)	(0.9)	(0.1)
14	0.082	−0.053	0.19	−0.25	−0.1	0.022	−0.2	0.14	−0.26	0.24	−0.32	0.11	0.074	0.062	−0.17	0.11
	(0.7)	(0.8)	(0.3)	(0.2)	(0.6)	(0.9)	(0.3)	(0.5)	(0.2)	(0.2)	(0.09)	(0.5)	(0.7)	(0.7)	(0.4)	(0.6)
15	−0.043	−0.058	−0.01	0.48	0.029	0.18	0.23	0.023	0.47	−0.29	0.084	−0.13	0.24	−0.27	0.36	−0.018
	(0.8)	(0.8)	(1)	(0.007)	(0.9)	(0.3)	(0.2)	(0.9)	(0.009)	(0.1)	(0.7)	(0.5)	(0.2)	(0.2)	(0.05)	(0.9)
16	−0.083	−0.22	0.11	0.00088	0.035	−0.068	−0.2	0.3	−0.053	0.13	−0.32	0.023	−0.072	0.084	0.15	0.0096
	(0.7)	(0.2)	(0.6)	(1)	(0.9)	(0.7)	(0.3)	(0.1)	(0.8)	(0.5)	(0.09)	(0.9)	(0.7)	(0.7)	(0.4)	(1)
17	0.097	0.15	0.42	−0.25	0.099	−0.0011	−0.092	0.5	−0.26	0.2	0.35	−0.0055	−0.28	0.12	−0.39	−0.13
	(0.6)	(0.4)	(0.02)	(0.2)	(0.6)	(1)	(0.6)	(0.005)	(0.2)	(0.3)	(0.06)	(1)	(0.1)	(0.5)	(0.03)	(0.5)
18	0.1	−0.21	0.19	−0.41	0.34	−0.34	−0.095	−0.024	−0.46	0.47	0.055	0.14	−0.23	−0.22	−0.2	−0.36
	(0.6)	(0.3)	(0.3)	(0.02)	(0.06)	(0.06)	(0.6)	(0.9)	(0.01)	(0.009)	(0.8)	(0.5)	(0.2)	(0.2)	(0.3)	(0.05)
19	−0.11	−0.16	0.016	0.098	0.61	−0.044	0.4	−0.38	0.048	0.033	0.71	−0.16	−0.34	−0.4	0.17	−0.59
	(0.6)	(0.4)	(0.9)	(0.6)	(3e−04)	(0.8)	(0.03)	(0.04)	(0.8)	(0.9)	(1e−05)	(0.4)	(0.06)	(0.03)	(0.4)	(7e−04)
20	−0.0089	0.53	−0.47	−0.0041	−0.5	−0.086	0.29	−0.26	0.098	−0.37	0.03	0.11	0.19	0.34	−0.3	0.41
	(1)	(0.003)	(0.009)	(1)	(0.005)	(0.7)	(0.1)	(0.2)	(0.6)	(0.05)	(0.9)	(0.5)	(0.3)	(0.07)	(0.1)	(0.02)
21	0.069	−0.14	0.16	−0.09	0.33	−0.17	0.38	−0.23	−0.11	0.15	0.48	−0.45	−0.18	−0.027	0.03	−0.16
	(0.7)	(0.5)	(0.4)	(0.6)	(0.07)	(0.4)	(0.04)	(0.2)	(0.6)	(0.4)	(0.007)	(0.01)	(0.4)	(0.9)	(0.9)	(0.4)
22	−0.019	−0.41	0.17	−0.27	0.18	−0.29	−0.033	0.033	−0.29	0.33	−0.019	−0.6	−0.17	0.27	0.19	0.081
	(0.9)	(0.02)	(0.4)	(0.2)	(0.4)	(0.1)	(0.9)	(0.9)	(0.1)	(0.07)	(0.9)	(4e−04)	(0.4)	(0.1)	(0.3)	(0.7)
23	−0.023	0.36	−0.16	0.29	−0.084	0.24	0.28	−0.083	0.32	−0.39	0.5	−0.11	−0.1	0.16	−0.068	0.05
	(0.9)	(0.05)	(0.4)	(0.1)	(0.7)	(0.2)	(0.1)	(0.7)	(0.09)	(0.03)	(0.005)	(0.6)	(0.6)	(0.4)	(0.7)	(0.8)
24	−0.0018	−0.3	0.12	0.053	0.53	−0.045	0.015	−0.25	−0.034	0.2	0.42	−0.23	−0.26	−0.32	0.18	−0.46
	(1)	(0.1)	(0.5)	(0.8)	(0.003)	(0.8)	(0.9)	(0.2)	(0.9)	(0.3)	(0.02)	(0.2)	(0.2)	(0.09)	(0.3)	(0.01)
25	0.032	−0.53	0.0066	−0.26	0.028	−0.39	−0.24	−0.13	−0.29	0.37	−0.58	−0.21	0.047	0.079	0.3	0.1
	(0.9)	(0.003)	(1)	(0.2)	(0.9)	(0.03)	(0.2)	(0.5)	(0.1)	(0.04)	(7e−04)	(0.3)	(0.8)	(0.7)	(0.1)	(0.6)
26	0.036	0.32	0.053	−0.11	−0.055	0.079	−0.014	0.17	−0.079	−0.071	−0.084	0.5	−0.085	−0.089	−0.34	−0.14
	(0.9)	(0.08)	(0.8)	(0.6)	(0.8)	(0.7)	(0.9)	(0.4)	(0.7)	(0.7)	(0.7)	(0.005)	(0.7)	(0.6)	(0.07)	(0.5)
27	−0.12	−0.034	0.027	0.037	0.049	0.15	−0.041	0.15	0.025	−0.015	−0.076	0.083	−0.27	0.22	0.057	−0.04
	(0.5)	(0.9)	(0.9)	(0.8)	(0.8)	(0.4)	(0.8)	(0.4)	(0.9)	(0.9)	(0.7)	(0.7)	(0.2)	(0.3)	(0.8)	(0.8)
28	−0.14	−0.36	0.13	0.39	0.32	0.13	−0.071	−0.048	0.32	−0.025	0.16	−0.27	0.027	−0.37	0.48	−0.27
	(0.5)	(0.05)	(0.5)	(0.03)	(0.09)	(0.5)	(0.7)	(0.8)	(0.09)	(0.9)	(0.4)	(0.2)	(0.9)	(0.04)	(0.008)	(0.1)
29	−0.034	−0.64	0.29	−0.24	0.23	−0.46	−0.27	0.0019	−0.31	0.52	−0.42	−0.21	0.07	−0.25	0.28	−0.14
	(0.9)	(2e−04)	(0.1)	(0.2)	(0.2)	(0.01)	(0.2)	(1)	(0.1)	(0.003)	(0.02)	(0.3)	(0.7)	(0.2)	(0.1)	(0.5)
30	0.097	−0.55	0.36	−0.23	0.39	−0.075	−0.24	0.34	−0.3	0.46	−0.19	−0.18	−0.22	−0.11	0.24	−0.26
	(0.6)	(0.002)	(0.05)	(0.2)	(0.03)	(0.7)	(0.2)	(0.06)	(0.1)	(0.01)	(0.3)	(0.3)	(0.2)	(0.6)	(0.2)	(0.2)
31	0.0066	0.29	0.16	0.0054	0.13	0.068	0.44	0.045	0.051	−0.13	0.48	0.095	−0.094	−0.12	−0.23	−0.17
	(1)	(0.1)	(0.4)	(1)	(0.5)	(0.7)	(0.01)	(0.8)	(0.8)	(0.5)	(0.007)	(0.6)	(0.6)	(0.5)	(0.2)	(0.4)
32	0.016	0.5	−0.3	0.18	−0.45	0.2	−0.026	−0.18	0.23	−0.32	0.055	0.13	0.45	−0.0062	−0.31	0.35
	(0.9)	(0.005)	(0.1)	(0.3)	(0.01)	(0.3)	(0.9)	(0.3)	(0.2)	(0.09)	(0.8)	(0.5)	(0.01)	(1)	(0.09)	(0.06)
33	0.074	0.23	−0.24	0.19	−0.23	0.24	0.27	−0.11	0.22	−0.3	0.13	−0.26	0.015	0.4	0.0083	0.33
	(0.7)	(0.2)	(0.2)	(0.3)	(0.2)	(0.2)	(0.2)	(0.5)	(0.2)	(0.1)	(0.5)	(0.2)	(0.9)	(0.03)	(1)	(0.08)
34	0.026	0.25	0.23	−0.48	0.16	−0.28	0.34	−0.094	−0.44	0.22	0.57	−0.1	−0.3	0.15	−0.54	−0.12
	(0.9)	(0.2)	(0.2)	(0.008)	(0.4)	(0.1)	(0.07)	(0.6)	(0.02)	(0.2)	(9e−04)	(0.6)	(0.1)	(0.4)	(0.002)	(0.5)
35	0.093	0.0035	0.13	0.23	0.11	0.44	0.13	0.35	0.23	−0.16	0.18	−0.064	−0.2	0.085	0.15	−0.091
	(0.6)	(1)	(0.5)	(0.2)	(0.6)	(0.02)	(0.5)	(0.06)	(0.2)	(0.4)	(0.3)	(0.7)	(0.3)	(0.7)	(0.4)	(0.6)
36	−0.059	−0.13	−0.29	0.071	0.028	−0.093	−0.12	−0.065	0.057	−0.017	−0.17	0.03	0.01	−0.037	0.18	−0.021
	(0.8)	(0.5)	(0.1)	(0.7)	(0.9)	(0.6)	(0.5)	(0.7)	(0.8)	(0.9)	(0.4)	(0.9)	(1)	(0.8)	(0.3)	(0.9)
37	−0.074	−0.054	−0.17	−0.29	−0.12	−0.31	−0.16	−0.44	−0.3	0.23	0.052	−0.46	0.15	0.18	−0.16	0.27
	(0.7)	(0.8)	(0.4)	(0.1)	(0.5)	(0.1)	(0.4)	(0.02)	(0.1)	(0.2)	(0.8)	(0.01)	(0.4)	(0.3)	(0.4)	(0.2)
38	−0.074	0.26	−0.26	−0.15	−0.39	−0.22	0.067	−0.21	−0.076	−0.058	−0.21	0.17	0.49	−0.11	−0.27	0.29
	(0.7)	(0.2)	(0.2)	(0.4)	(0.03)	(0.2)	(0.7)	(0.3)	(0.7)	(0.8)	(0.3)	(0.4)	(0.006)	(0.5)	(0.1)	(0.1)
39	0.011	−0.11	0.56	−0.5	0.35	−0.42	0.059	0.17	−0.5	0.44	0.37	−0.074	−0.21	−0.22	−0.3	−0.35
	(1)	(0.6)	(0.001)	(0.005)	(0.06)	(0.02)	(0.8)	(0.4)	(0.005)	(0.02)	(0.04)	(0.7)	(0.3)	(0.2)	(0.1)	(0.06)
40	0.022	0.06	0.16	−0.2	0.17	−0.15	0.19	−0.035	−0.19	0.11	0.47	−0.35	−0.2	0.16	−0.19	−0.035
	(0.9)	(0.8)	(0.4)	(0.3)	(0.4)	(0.4)	(0.3)	(0.9)	(0.3)	(0.5)	(0.008)	(0.06)	(0.3)	(0.4)	(0.3)	(0.9)
41	−0.21	0.13	0.15	−0.07	−0.12	−0.2	−0.29	0.12	−0.086	0.062	0.27	−0.28	0.065	0.12	−0.23	0.14
	(0.3)	(0.5)	(0.4)	(0.7)	(0.5)	(0.3)	(0.1)	(0.5)	(0.7)	(0.7)	(0.2)	(0.1)	(0.7)	(0.5)	(0.2)	(0.4)
42	0.13	0.18	−0.37	0.55	−0.35	0.43	0.047	0.0065	0.57	−0.49	−0.42	0.33	0.44	−0.13	0.27	0.25
	(0.5)	(0.4)	(0.04)	(0.002)	(0.06)	(0.02)	(0.8)	(1)	(0.001)	(0.006)	(0.02)	(0.07)	(0.01)	(0.5)	(0.2)	(0.2)
43	−0.00084	−0.45	0.051	0.34	0.53	0.2	0.089	−0.091	0.26	0.024	0.14	−0.11	−0.15	−0.45	0.54	−0.48
	(1)	(0.01)	(0.8)	(0.07)	(0.003)	(0.3)	(0.6)	(0.6)	(0.2)	(0.9)	(0.5)	(0.6)	(0.4)	(0.01)	(0.002)	(0.008)
44	0.073	−0.26	0.011	0.26	−0.059	0.16	−0.21	0.18	0.23	−0.068	−0.65	0.35	0.12	−0.14	0.4	−0.015
	(0.7)	(0.2)	(1)	(0.2)	(0.8)	(0.4)	(0.3)	(0.3)	(0.2)	(0.7)	(9e−05)	(0.06)	(0.5)	(0.5)	(0.03)	(0.9)
45	0.019	−0.098	0.0042	−0.22	−0.51	−0.17	−0.45	0.34	−0.2	0.16	−0.62	−0.3	0.31	0.49	−0.037	0.63
	(0.9)	(0.6)	(1)	(0.2)	(0.004)	(0.4)	(0.01)	(0.06)	(0.3)	(0.4)	(3e−04)	(0.1)	(0.1)	(0.006)	(0.8)	(2e−04)