

Supplemental Tables

Sup. Table 1. Outputs of the statistical models on the effects of male morph (unflanged versus flanged), FAI, and the interaction between male morph and FAI on proportions of time spent on daily activities, diet composition, and daily travel length. All significant differences ($P < 0.05$) are indicated in bolds and trends ($P < 0.09$) in italics. CI: confidence interval. For models 1 – 11, we used a GLMM with a Beta family distribution, and for model 12, an LMM with a Gaussian family distribution

No	Response variable	Factor	Factor type	Estimate	Std.Error	P-value	95% CI
1	Feeding activity	Intercept	Intercept	0.4601	0.4373	0.2930	-0.3970 - 1.3172
		Morph	Predictor	0.0004	0.6634	1.000	-1.2998 - 1.3007
		FAI	Predictor	0.0337	0.0513	0.5110	-0.0668 - 0.1342
		FAI*Morph	Predictor	-0.0290	0.0707	0.6820	-0.1677 - 0.1096
		1+FAI Focal	Random	-	-	-	-
2	Moving activity	Intercept	Intercept	-2.1807	0.3142	<0.001 *	-2.7965 - (-1.5649)
		Morph	Predictor	0.6952	0.4926	0.1580	-0.2703 - 1.6607
		FAI	Predictor	0.0435	0.0312	0.1630	-0.0176 - 0.1046
		FAI*Morph	Predictor	-0.0473	0.0466	0.3100	-0.1386 - 0.0440
		1+FAI Focal	Random	-	-	-	-
3	Resting activity	Intercept	Intercept	-0.7933	0.4259	0.0625	-1.6280 - 0.0413
		Morph	Predictor	-0.7530	0.6896	0.2749	-2.1045 - 0.5986
		FAI	Predictor	-0.0787	0.0446	0.0777	-0.1661 - 0.0087
		FAI*Morph	Predictor	0.0860	0.0664	0.1952	-0.0441 - 0.2160
		1+FAI Focal	Random	-	-	-	-
4	Social activity	Intercept	Intercept	-6.2094	0.8198	<0.001 *	-7.8161 - (-4.6027)
		Morph	Predictor	2.7372	1.2393	0.0272 *	0.3082 - 5.1662
		FAI	Predictor	0.1031	0.0759	0.1746	-0.0457 - 0.2519
		FAI*Morph	Predictor	-0.2578	0.1194	0.0308 *	-0.4917 - (-0.0238)
		1+FAI Focal	Random	-	-	-	-
5	Fruit	Intercept	Intercept	0.7284	0.6961	0.2950	-0.6359 - 2.0928
		Morph	Predictor	-0.0868	1.1923	0.9420	-2.4237 - 2.2502
		FAI	Predictor	-0.0065	0.0705	0.9260	-0.1448 - 0.1317
		FAI*Morph	Predictor	-0.0056	0.1084	0.9590	-0.2180 - 0.2069
		1+FAI Focal	Random	-	-	-	-
6	Young leaves	Intercept	Intercept	-2.4624	0.8770	0.0050 *	-4.1814 - (-0.7435)
		Morph	Predictor	0.8037	1.3320	0.5463	-1.8070 - 3.4144
		FAI	Predictor	0.0095	0.0949	0.9204	-0.1765 - 0.1955

		FAI*Morph 1+FAI Focal	Predictor Random	-0.0662 -	0.1346 -	0.6225 -	-0.3300 - 0.1975 -
7	Mature leaves	Intercept	Intercept	-3.3582	0.6387	<0.001 *	-4.6099 - (-2.1064)
		Morph	Predictor	0.0991	1.0578	0.9250	-1.9742 - 2.1725
		FAI	Predictor	-0.0285	0.0600	0.6340	--0.1460 - 0.0890
		FAI*Morph	Predictor	0.0342	0.0997	0.7320	-0.1613 - 0.2297
		1+FAI Focal	Random	-	-	-	-
8	Flowers	Intercept	Intercept	-4.1085	0.7215	<0.001 *	-5.5226 - (-2.6944)
		Morph	Predictor	0.4827	1.1556	0.6760	-1.7822 - 2.7477
		FAI	Predictor	0.0043	0.0641	0.9460	-0.1212 - 0.1299
		FAI*Morph	Predictor	-0.0273	0.1093	0.8030	-0.2416 - 0.1869
		1+FAI Focal	Random	-	-	-	-
No	Response variable	Factor	Factor type	Estimate	Std.Error	P-value	95% CI
9	Inner bark	Intercept	Intercept	-3.6201	0.6886	<0.001 *	-4.9696 - (-2.2705)
		Morph	Predictor	0.8029	1.0486	0.4440	-1.2523 - 2.8580
		FAI	Predictor	0.0198	0.0615	0.7480	-0.1007 - 0.1402
		FAI*Morph	Predictor	-0.0608	0.0988	0.5380	-0.2544 - 0.1329
		1+FAI Focal	Random	-	-	-	-
10	Vegetative matter	Intercept	Intercept	-3.5377	0.7178	<0.001 *	-4.9446 - (-2.1308)
		Morph	Predictor	-0.7160	1.1322	0.5270	-2.9350 - 1.5030
		FAI	Predictor	-0.0085	0.0640	0.8950	-0.1340 - 0.1170
		FAI*Morph	Predictor	0.0398	0.1070	0.7100	-0.1700 - 0.2496
		1+FAI Focal	Random	-	-	-	-
11	Insects	Intercept	Intercept	-1.6642	0.9716	0.0868	-3.5686 - 0.2402
		Morph	Predictor	-0.9797	1.4515	0.4997	-3.8247 - 1.8652
		FAI	Predictor	-0.0335	0.0952	0.7251	-0.2201 - 0.1531
		FAI*Morph	Predictor	0.0824	0.1187	0.4873	-0.1502 - 0.3150
		1+FAI Focal	Random	-	-	-	-
12	Daily travel length	Intercept	Intercept	282.5300	311.3700	0.3642	-327.7458 - 892.8074
		Morph	Predictor	1142.6600	514.7100	0.0264 *	133.8471 - 2151.4773
		FAI	Predictor	68.3500	33.1100	0.0390 *	3.4515 - 133.2494
		FAI*Morph	Predictor	-91.9800	51.1100	0.0719	-192.1485 - 8.1920
		1+FAI Focal	Random	-	-	-	-