

SUPPLEMENTARY INFORMATION

Table S1. Tukey *post hoc* results between sexes (Males and Females), treatments (0.025, 0.03, 0.035, 0.04, 0.045, 0.05, 0.1, 0.15, 0.2 g/L) and the interaction of these factors in Larval Development Time. Degrees of freedom (df), Standard Error (SE), and *p* Values (*p*. Value). *Resultados do teste post hoc de Tukey entre os sexos (machos e fêmeas), tratamentos (0.025, 0.03, 0.035, 0.04, 0.045, 0.05, 0.1, 0.15, 0.2 g/L) e a interação entre esses fatores no Tempo de Desenvolvimento Larval. Graus de liberdade (Gf), erro padrão (EP) e valores de p (Valor de p).*

Gender	Treatment	Contrast	Estimate	SE	df	z.ratio	<i>p</i> .value
Larval Development Time							
F		0.03 / 0.025	-0.3428	0.202	576	-1.701	0.818
F		0.035 / 0.03	0.1255	0.183	576	0.686	1.000
F		0.04 / 0.035	-0.3012	0.207	576	-1.458	0.936
F		0.045 / 0.04	-0.0131	0.212	576	-0.062	1.000
F		0.05 / 0.045	0.8924	0.198	576	4.515	<0.001
F		0.1 / 0.05	-0.3446	0.201	576	-1.717	0.808
F		0.15 / 0.1	0.4097	0.199	576	2.054	0.548
F		0.2 / 0.15	0.1743	0.205	576	0.851	0.999
M		0.03 / 0.025	0.5219	0.236	576	2.214-	0.422
M		0.035 / 0.03	-0.3566	0.238	576	-1.500	0.921
M		0.04 / 0.035	0.0790	0.210	576	0.376	1.000
M		0.045 / 0.04	-0.0244	0.200	576	-0.122	1.000
M		0.05 / 0.045	0.6783	0.201	576	3.372	0.018
M		0.1 / 0.05	-0.2997	0.191	576	-1.570	0.891
M		0.15 / 0.1	0.5803	0.186	576	3.120	0.042
M		0.2 / 0.15	-0.0306	0.189	576	-0.162	1.000
	0.025	M - F	-1.0000	0.223	576	-4.476	<0.001
	0.03	M - F	-0.1353	0.215	576	-0.629	1.000
	0.035	M - F	-0.6174	0.209	576	-2.955	0.069
	0.04	M - F	-0.2372	0.208	576	-1.142	0.992
	0.045	M - F	-0.2486	0.204	576	-1.219	0.986
	0.05	M - F	-0.4627	0.195	576	-2.375	0.308
	0.1	M - F	-0.4178	0.197	576	-2.121	0.495
	0.15	M - F	-0.2472	0.189	576	-1.311	0.973

0.2 M - F -0.4521 0.205 576 -2.207 0.427

Table S2. Tukey *post hoc* results between sexes (Males and Females), treatments (0.025, 0.03, 0.035, 0.04, 0.045, 0.05, 0.1, 0.15, 0.2 g/L) and the interaction of these factors in Adult Longevity. Degrees of freedom (df), Standard Error (SE), and *p* Values (*p*. Value). *Resultados do teste post hoc de Tukey entre os sexos (machos e fêmeas), tratamentos (0.025, 0.03, 0.035, 0.04, 0.045, 0.05, 0.1, 0.15, 0.2 g/L) e a interação entre esses fatores na Longevidade Adulta. Graus de liberdade (Gl), erro padrão (EP) e valores de p (Valor de p).*

Gender	Treatment	Contrast	Estimate	SE	df	z.ratio	<i>p</i> .value
Adult Longevity							
F		0.03 / 0.025	-1.0138	0.849	576	-1.195	0.988
F		0.035 / 0.03	0.9504	0.770	576	1.235	0.984
F		0.04 / 0.035	0.9152	0.870	576	1.052	0.997
F		0.045 / 0.04	0.6111	0.891	576	0.686	1.000
F		0.05 / 0.045	0.3000	0.832	576	0.360	1.000
F		0.1 / 0.05	1.3562	0.845	576	1.604	0.874
F		0.15 / 0.1	1.3160	0.840	576	1.567	0.892
F		0.2 / 0.15	-2.4377	0.862	576	-2.827	0.101
M		0.03 / 0.025	-1.1566	0.993	576	-1.165	0.991
M		0.035 / 0.03	0.3147	1.001	576	0.314	1.000
M		0.04 / 0.035	0.7848	0.884	576	0.887	0.999
M		0.045 / 0.04	-0.1508	0.842	576	-0.179	1.000
M		0.05 / 0.045	0.3468	0.847	576	0.409	1.000
M		0.1 / 0.05	2.5132	0.804	576	3.126	0.041
M		0.15 / 0.1	-2.3132	0.783	576	-2.954	0.070
M		0.2 / 0.15	-0.0889	0.794	576	-0.112	1.000
	0.025	M - F	2.0741	0.941	576	2.205	0.429
	0.03	M - F	1.9313	0.906	576	2.132	0.486
	0.035	M - F	1.2955	0.880	576	1.473	0.931
	0.04	M - F	1.1652	0.875	576	1.332	0.969
	0.045	M - F	0.4032	0.858	576	0.470	1.000
	0.05	M - F	0.4500	0.820	576	0.548	1.000
	0.1	M - F	1.6069	0.829	576	1.938	0.644
	0.15	M - F	-2.0222	0.794	576	-2.547	0.209
	0.2	M - F	0.3266	0.862	576	0.379	1.000

Table S3. Tukey *post hoc* results between sexes (Males and Females), treatments (0.025, 0.03, 0.035, 0.04, 0.045, 0.05, 0.1, 0.15, 0.2 g/L) and the interaction of these factors in Wing Size. Degrees of freedom (df), Standard Error (SE), and *p* Values (*p*. Value). *Resultados do teste post hoc de Tukey entre os sexos (machos e fêmeas), tratamentos (0.025, 0.03, 0.035, 0.04, 0.045, 0.05, 0.1, 0.15, 0.2 g/L) e a interação entre esses fatores no Tamanho da Asa. Graus de liberdade (Gl), erro padrão (EP) e valores de p (Valor de p).*

Gender	Treatment	Contrast	Estimate	SE	df	z.ratio	<i>p</i> .value
Wing Size							
F		0.03 / 0.025	-0.3428	0.202	576	-1.701	0.818
F		0.035 / 0.03	0.1255	0.183	576	0.686	1.000
F		0.04 / 0.035	-0.3012	0.207	576	-1.458	0.936
F		0.045 / 0.04	-0.0131	0.212	576	-0.062	1.000
F		0.05 / 0.045	0.8924	0.198	576	4.515	<0.001
F		0.1 / 0.05	-0.3446	0.201	576	-1.717	0.808
F		0.15 / 0.1	0.4097	0.199	576	2.054	0.549
F		0.2 / 0.15	0.1743	0.205	576	0.851	0.999
M		0.03 / 0.025	0.5219	0.236	576	2.214	0.422
M		0.035 / 0.03	-0.3566	0.238	576	-1.500	0.921
M		0.04 / 0.035	0.0790	0.210	576	0.376	1.000
M		0.045 / 0.04	-0.0244	0.200	576	-0.122	1.000
M		0.05 / 0.045	0.6783	0.201	576	3.372	0.018
M		0.1 / 0.05	-0.2997	0.191	576	-1.570	0.891
M		0.15 / 0.1	0.5803	0.186	576	3.120	0.042
M		0.2 / 0.15	-0.0306	0.189	576	-0.162	1.000
	0.025	M - F	-1.0000	0.223	576	-4.476	<0.001
	0.03	M - F	-0.1353	0.215	576	-0.629	1.000
	0.035	M - F	-0.6174	0.209	576	-2.955	0.069
	0.04	M - F	-0.2372	0.208	576	-1.142	0.993
	0.045	M - F	-0.2486	0.204	576	-1.219	0.986
	0.05	M - F	-0.4627	0.195	576	-2.375	0.308
	0.1	M - F	-0.4178	0.197	576	-2.121	0.495
	0.15	M - F	-0.2472	0.189	576	-1.311	0.973
	0.2	M - F	-0.4521	0.205	576	-2.207	0.427