

Title

Dietary variation effect on bionomic characters and energy storage molecules contents in Neotropical species of *Drosophila* (Diptera; Drosophilidae)

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TABLE S3 Linear mixed model of HPS, EPS and LPS diets, sex and lineages (CAJ and PMA) effects on viability (V) and development time (DT) in *Drosophila maculifrons* and *D. ornatifrons*. CI = Confidence Interval.

		Posterior	Inferior	Superior	Effetive	pMCMC	
		Mean	95% CI	95% CI	Samples		
Bivariate		Intercept	189.5454	99.0209	278.5758	1700	<6e-04 ***
<i>D. maculifrons</i>	V	CAJ	-188.4519	-276.5778	-97.3525	1700	<6e-04 ***
		PMA	-188.8507	-277.5120	-98.7449	1700	<6e-04 ***
		HPS	0.6089	-0.2786	1.5486	1700	0.193
		SexM	0.2968	-0.4100	0.9174	1700	0.359
		PMA:HPS	-0.1985	-1.4082	1.2460	1700	0.769
	DT	CAJ	-2.7671	-115.0312	118.6549	1914	0.965
		HPS	92.0231	-34.1059	203.9673	1826	0.133
		SexM	5.7240	-78.2664	85.6787	1700	0.881
		PMA:LPS	26.7610	-150.2166	187.8817	1986	0.768
<i>D. ornatifrons</i>	V	Intercept	276.27451	198.74237	357.89115	1700	< 6e-04 ***
		CAJ	-271.18061	-352.44586	-193.85127	1700	< 6e-04 ***
		PMA	-274.53427	-355.58641	-197.38230	1700	< 6e-04 ***
		HPS	3.54121	2.31551	4.72372	1700	< 6e-04 ***
		LPS	-3.50021	-4.66252	-2.35638	1700	< 6e-04 ***
		SexM	-0.79511	-1.49572	-0.04654	1700	0.02588*
		PMA:HPS	-3.47360	-5.01458	-1.77419	1700	< 6e-04 ***
	DT	CAJ	137.86404	40.81932	247.20630	1700	0.00824 **
		HPS	-78.99496	-182.03492	18.88050	1700	0.14118
		LPS	-173.10475	-278.07028	-68.95483	1700	0.00235 **
		SexM	3.51280	-63.10242	69.28718	1700	0.00235 **
		PMA:HPS	68.93632	-66.19383	216.85018	1700	0.34118

TABLE S3 Continued

<i>D. maculifrons</i>	Triglyceride	Intercept	0.1630902	-0.6646829	0.9344065	714.5	0.680
		HPS	0.1069294	-0.3726862	0.6588406	898.2	0.666
		SexM	0.0412231	-0.5060617	0.5443980	1000.0	0.894
		PMA	0.2370448	-0.5559634	1.1014801	1000.0	0.552
		CAJ	-0.0873090	-1.0205045	0.8197924	1000.0	0.842
	Glycogen	Intercept	-0.1478430	-1.3062131	0.8772963	1000.0	0.812
		HPS	-0.0234881	-0.5786857	0.4546892	1000.0	0.970
		SexM	0.0007668	-0.4843273	0.4698737	1000.0	0.996
		PMA	0.0077564	-0.7551032	0.7898452	1000.0	0.996
		CAJ	0.0195877	-0.8106502	0.9410715	1000.0	0.980
	Protein	Intercept	-0.0972306	-1.2207600	1.0098862	1000.0	0.850
		HPS	0.0416161	-0.5626919	0.5198236	1274.0	0.870
		SexM	0.0313979	-0.4670022	0.5357456	1000.0	0.914
		PMA	0.1217208	-0.7109476	0.9018020	1151.3	0.762
		CAJ	0.0132050	-1.0156653	0.9462269	1139.8	0.998
<i>D. ornatifrons</i>	Triglyceride	Intercept	1.698e-01	2.063e-02	3.065e-01	1000.0	0.03*
		HPS	-2.089e-03	-1.855e-01	1.473e-01	1000.0	0.954
		LPS	3.827e-02	-2.618e-01	3.107e-01	1000.0	0.784
		SexM	-3.268e-02	-1.815e-01	1.250e-01	877.3	0.674
		PMA	3.915e-02	-1.480e-01	2.247e-01	1000.0	0.672
	Glycogen	Intercept	-1.441e-01	-3.488e-01	6.239e-02	1000.0	0.148
		HPS	-1.244e-03	-1.370e-01	1.538e-01	1000.0	0.976
		LPS	-6.063e-05	-2.507e-01	2.783e-01	1000.0	0.970
		SexM	-1.031e-02	-1.609e-01	1.356e-01	1347.7	0.912
		PMA	-7.041e-03	-1.867e-01	1.639e-01	1000.0	0.946
	Protein	Intercept	-5.066e-02	-2.612e-01	1.471e-01	1000.0	0.632
		HPS	6.386e-02	-9.291e-02	2.336e-01	1000.0	0.396
		LPS	4.481e-02	-2.157e-01	3.334e-01	1000.0	0.758
		SexM	-1.376e-02	-1.848e-01	1.350e-01	1000.0	0.870
		PMA	8.431e-02	-1.148e-01	2.608e-01	1000.0	0.352