

**Table S1.** Summary statistics of the independent variables per regression model. Significant p-values are indicated in bold.

Variable	Slope estimate	Standard error	t-value	p-value
<b>Handling time (s)</b>				
Manly (hemp)	0.152	1.820	0.083	0.934
Manly (millet)	0.655	1.820	0.444	0.658
Levin	2.440	4.070	0.600	0.114
Seed	3.227	2.120	1.522	0.132
Age	1.868	2.345	0.797	0.428
Manly	1.156	1.898	0.609	0.544
(hemp)*seed				
Manly	1.801	1.592	1.131	0.262
(millet)*seed				
Levin*seed	0.535	4.394	0.122	0.903
Manly	-0.771	2.098	-0.367	0.714
(hemp)*age				
Manly (millet)*age	-0.430	1.801	-0.239	0.812
Levin*age	-3.306	4.859	-0.680	0.498
<b>Success rate (%)</b>				
Manly (hemp)	-14.116	9.029	-1.563	0.120
Manly (millet)	-18.126	7.313	-2.479	<b>0.014</b>
Levin	4.160	20.248	0.205	0.838
Seed	-53.829	11.214	-4.800	<b>3.82*10<sup>-6</sup></b>
Age	-11.523	11.328	-1.017	0.311
Manly	24.661	10.034	2.458	<b>0.015</b>
(hemp)*seed				
Manly	25.703	8.428	3.050	<b>0.003</b>
(millet)*seed				
Levin*seed	8.993	23.214	0.387	0.699
Manly	3.166	10.136	0.312	0.755
(hemp)*age				
Manly (millet)*age	4.600	8.692	0.529	0.597
Levin*age	3.325	23.519	0.141	0.888
<b>Seed splitting proportion (%)</b>				
Manly (hemp)	6.972	11.662	0.598	0.551
Manly (millet)	-10.376	9.454	-1.098	0.275
Levin	19.503	26.055	0.749	0.456
Seed	13.684	13.411	1.020	0.311
Age	-19.554	15.092	-1.296	0.199
Manly	-4.336	12.005	-0.361	0.719
(hemp)*seed				
Manly	4.785	10.068	0.475	0.636
(millet)*seed				
Levin*seed	-7.668	27.793	-0.276	0.783
Manly	15.751	13.501	1.167	0.247
(hemp)*age				
Manly (millet)*age	13.258	11.591	1.144	0.256
Levin*age	0.069	31.266	0.002	0.998

Variable	Slope estimate	Standard error	t-value	p-value
<b>Frequency (Hz)</b>				
Manly (hemp)	-0.148	1.598	-0.092	0.927
Manly (millet)	-0.507	1.301	-0.390	0.698
Levin	-1.515	3.539	-0.428	0.670
Seed	1.785	1.512	1.181	0.242
Age	-2.842	2.185	-1.300	0.198
Manly	-1.668	1.354	-1.232	0.222
(hemp)*seed				
Manly	0.384	1.132	0.339	0.736
(millet)*seed				
Levin*seed	-6.865	3.141	-2.186	<b>0.032</b>
Manly	1.474	1.954	0.754	0.453
(hemp)*age				
Manly (millet)*age	2.159	1.682	1.284	0.204
Levin*age	1.515	4.507	0.336	0.738

Seed preference is only weakly linked to Seed-type-specific feeding performance In a songbird