

**Table S5.** One-way ANOVAs of the direct cost of CMV infection on *Arabidopsis* life-history traits. Comparison between monocultures of infected and mock-inoculated plants at each plant density.

Accession	Trait	1 Plant				2 Plants				4 Plants			
		<i>n</i>	<i>df</i>	<i>F</i>	<i>P</i>	<i>n</i>	<i>df</i>	<i>F</i>	<i>P</i>	<i>df</i>	<i>F</i>	<i>P</i>	
<b><i>Boa-0</i></b>													
	<b><i>RW</i></b>	30	1	8.85	0.005	30	1	8.20	0.007	30	1	7.93	0.008
	<b><i>IW</i></b>	30	1	0.04	0.841	30	1	0.30	0.619	30	1	7.4	0.010
	<b><i>SW</i></b>	30	1	0.03	0.873	30	1	5.01	0.032	30	1	8.2	0.007
<b><i>Cen-1</i></b>													
	<b><i>RW</i></b>	30	1	5.54	0.026	30	1	4.81	0.043	30	1	8.82	0.006
	<b><i>IW</i></b>	30	1	4.46	0.041	30	1	7.29	0.012	30	1	9.06	0.004
	<b><i>SW</i></b>	30	1	69.57	1x10 <sup>-5</sup>	30	1	5.13	0.036	30	1	5.24	0.031
<b><i>Ler</i></b>													
	<b><i>RW</i></b>	30	1	12.48	0.001	30	1	4.37	0.046	30	1	18.51	2x10 <sup>-4</sup>
	<b><i>IW</i></b>	30	1	138.1	1x10 <sup>-5</sup>	30	1	98.96	1x10 <sup>-5</sup>	30	1	53.43	1x10 <sup>-5</sup>
	<b><i>SW</i></b>	30	1	80.25	1x10 <sup>-5</sup>	30	1	5.57	0.029	30	1	4.78	0.045

Accessions and traits (***RW***: Rosette Weight; ***IW***: Inflorescence Weight; ***SW***: Seed Weight) are listed on the left. ***n***: number of observations. ***df***: degrees of freedom. ***F***: *F*-value from the type III sum of squares ANOVA for each factor. ***P***: Estimated probability of obtaining this *F*-value under the null hypothesis.