

**Table S7.** One-way ANOVAs of the impact of host plant density and the direct cost of CMV infection ( $Trait_i/Trait_m$ ) on *Arabidopsis* life-history traits.

Accession	Trait	Plant Density			
		<i>n</i>	<i>df</i>	<i>F</i>	<i>P</i>
<b>Boa-0</b>					
	$RW_i/RW_m$	45	2	2.33	0.108
	$IW_i/IW_m$	45	2	1.48	0.237
	$SW_i/SW_m$	45	2	6.89	0.002
<b>Cen-1</b>					
	$RW_i/RW_m$	45	2	7.61	0.015
	$IW_i/IW_m$	45	2	1.08	0.348
	$SW_i/SW_m$	45	2	4.88	0.027
<b>Ler</b>					
	$RW_i/RW_m$	45	2	11.53	$1 \times 10^{-4}$
	$IW_i/IW_m$	45	2	213.28	$1 \times 10^{-5}$
	$SW_i/SW_m$	45	2	6.61	0.003

Accessions and traits ( $RW_i/RW_m$ : Effect of CMV infection in Rosette Weight;  $IW_i/IW_m$ : Effect of CMV infection in Inflorescence Weight;  $SW_i/SW_m$ : Effect of infection in 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.