

Table S5. Correlations between population means for growth, phenology and leaf traits of 14 *Arabidopsis thaliana* populations from the Swiss Alps grown in a greenhouse between traits expressed with and without vernalization (across vern. treatm.), as well as within vernalized and non-vernalized plants. *r*, Pearson correlation coefficient; bold type, significant after correction for multiple comparisons; italic type, P-Value < 0.05. RDV, rosette diameter after three weeks; RLN, rosette leaf number after three weeks; DTF, days to flowering (flowers open); RDF, rosette diameter at flowering, LFA, leaf area; SLA, specific leaf area; SUC, leaf succulence.

		across vern.	Vernalized					Non-vernalized						
		treatm.	RDV	RLN	DTF	RDF	LFA	SLA	RDV	RLN	DTF	RDF	LFA	SLA
RDV	<i>r</i>	0.86												
	<i>P</i>	<i>7.8 * 10⁻⁵</i>												
RLN	<i>r</i>	0.90	0.73						<i>0.643</i>					
	<i>P</i>	<i>1.4 * 10⁻⁵</i>	0.0033						<i>0.0131</i>					
DTF	<i>r</i>	0.87	-0.26	-0.30					-0.41	-0.27				
	<i>P</i>	<i>4.7 * 10⁻⁵</i>	0.3677	0.2910					0.1501	0.3499				
RDF	<i>r</i>	0.88	0.24	0.17	-0.82				0.31	-0.07	<i>-0.62</i>			
	<i>P</i>	<i>3.5 * 10⁻⁵</i>	0.4147	0.5634	0.0003				0.2747	0.8226	<i>0.0184</i>			
LFA	<i>r</i>	0.66	0.12	0.00	<i>-0.54</i>	0.78			0.33	-0.13	-0.31	<i>0.55</i>		
	<i>P</i>	0.0104	0.6791	0.9998	<i>0.0480</i>	0.0009			0.2432	0.6636	0.2827	<i>0.0418</i>		
SLA	<i>r</i>	0.90	0.16	0.26	0.74	-0.72	-0.62		-0.14	0.45	<i>0.54</i>	<i>-0.64</i>	-0.37	
	<i>P</i>	<i>1.56 * 10⁻⁵</i>	0.5843	0.3776	0.0025	0.0039	0.0185		0.6365	0.1075	<i>0.0462</i>	<i>0.0140</i>	0.1934	
SUC	<i>r</i>	0.89	0.34	0.42	<i>0.57</i>	-0.69	-0.62	0.90	0.33	<i>0.65</i>	0.12	-0.21	0.20	<i>0.68</i>
	<i>P</i>	<i>2.13 * 10⁻⁵</i>	0.2380	0.1306	<i>0.0327</i>	0.0064	0.0186	<i>3.5 * 10⁻⁵</i>	0.2548	<i>0.0125</i>	0.6939	0.4618	0.4896	<i>0.0077</i>