

Supplementary Table S2. Changes in fruit firmness (FF) of ‘Skeena’, ‘Lapins’, and ‘Sweetheart’ sweet cherries from production elevation (PE) ranging of 117 to 697 MASL after packaging and 5 weeks of storage at 0 °C in 2018.

Cultivar	Elevation (MASL)	After packaging	After 5 weeks of storage at 0 °C
		FF (N)	FF (N)
Skeena	132	4.38 a	4.10 c
	268	4.33 a	4.56 a
	550	4.18 b	4.23 b
	697	4.10 b	4.25 b
	R ² of linear model	0.848***	0.025 ^{ns}
	R ² of quadratic model	0.891***	0.549*
	R ² of cubic model	0.914***	0.910***
Lapins	117	2.69 d	3.06 b
	331	2.82 c	3.22 a
	502	2.98 b	3.30 a
	688	3.06 a	3.39 a
	R ² of linear model	0.943***	0.870***
	R ² of quadratic model	0.946***	0.877***
	R ² of cubic model	0.959***	0.879***
Sweetheart	152	2.65 b	2.85 c
	365	3.07 a	3.22 b
	518	2.92 a	3.28 b
	640	3.00 a	3.38 a
	R ² of linear model	0.422*	0.850***
	R ² of quadratic model	0.673**	0.907***
	R ² of cubic model	0.839**	0.926***

Values are presented as means. Difference lowercase letters indicated significant differences among means for each cultivar in each column using Fisher’s protected least significant difference (LSD) test at $P < 0.05$. ^{ns}, not significant effect; ^{*}, significant effect at the 0.05 level; ^{**}, significant effect at the 0.01 level; ^{***}, significant effect at the 0.001 level.