

Table S2. Statistical comparison of species traits on artificially and naturally snowed ski slopes.

This table provides the statistical outputs for the comparisons of selected species traits shown in Fig. 5. The analysis compares plant communities on artificially and naturally snowed areas across 30 ski slopes in Slovakia. For each trait (life span, life form, reproduction type, strategy type, rosette, leaf persistence, vegetative propagation type, and elevation belt), the table lists the results of the statistical test, including the test statistic, degrees of freedom (df), and the precise p-value.

Species trait	Type	estimate	SE	df	t-ratio	p-value
Life span	a	0.476	0.852	201	0.559	0.5768
Life span	b	0.508	0.852	201	0.597	0.5514
Life span	p	1.586	0.852	201	2.636	0.0087
Life span	h	0.1	0.844	200	0.119	0.9058
Life form	C	-0.0333	0.83	261	-0.04	0.968
Life form	G	-0.0333	0.83	261	-0.04	0.968
Life form	H	2.5	0.83	261	3.013	0.0028
Life form	P	-0.6667	0.83	261	-0.803	0.4224
Life form	T	0.4	0.83	261	0.482	0.6301
Reproduction type	s	0.982	0.757	202	1.297	0.196
Reproduction type	ssv	1.033	0.75	202	1.378	0.1699
Reproduction type	sv	0.167	0.75	202	0.222	0.8244
Reproduction type	vvs	0	0.75	202	0	1
Strategy type	c	1.1333	0.578	376	1.96	0.0508
Strategy type	cr	0.2	0.578	376	0.346	0.7297
Strategy type	cs	-0.7	0.578	376	-1.21	0.2269
Strategy type	csr	0.9	0.578	376	1.556	0.1205
Strategy type	r	0.1284	0.584	376	0.22	0.826
Strategy type	s	0.0333	0.578	376	0.058	0.9541
Strategy type	sr	0.1333	0.578	376	0.231	0.8178
Rosette	r	0	0.82	144	0	1
Rosette	h	0.922	0.828	144	1.114	0.2672
Rosette	g	1.233	0.82	144	1.505	0.1346
Leaf persistence	s	1.8	0.891	202	2.02	0.0447
Leaf persistence	i	0.807	0.899	203	0.898	0.3704
Leaf persistence	v	0.1	0.891	202	0.112	0.9108
Leaf persistence	w	-0.1	0.891	202	-0.112	0.9108
Vegetative propagation	ws	0.3	0.413	319	0.726	0.4685
Vegetative propagation	r	0.433	0.413	319	1.048	0.2953
Vegetative propagation	b	0	0.413	319	0	1
Vegetative propagation	rh	0.1	0.413	319	0.242	0.809
Vegetative propagation	sk	0.133	0.413	319	0.323	0.7473
Vegetative propagation	rp	0.367	0.413	319	0.887	0.3758
Elevation belt	1	2.8	1.25	261	2.233	0.0264
Elevation belt	2	2.57	1.25	261	2.047	0.0416
Elevation belt	3	2.37	1.25	261	1.888	0.0602
Elevation belt	4	1.23	1.25	261	0.984	0.3261
Elevation belt	5	1.4	1.25	261	1.117	0.2651