

**Supplementary Data S4 – Balkenhol et al (Wolverine Landscape Genetics)**

**Supplementary Data S4.**—Relative variable importance for the full and partial models at three spatial scales based on hierarchical partitioning. Variable importance is given in % contribution of each variable to overall variation explained. Variable abbreviations as in Table 1 of the main text.

	<b>Variable</b>	<b>Global</b>	<b>Small Scale</b>	<b>Broad Scale</b>
<b>Full models</b>	snow	23.30	26.10	6.70
	hden	18.00	11.80	50.40
	tri	16.90	12.10	21.40
	geo	11.50	13.20	12.70
	roaden	11.20	13.90	3.70
	timberline	10.00	11.10	2.40
	edge	9.10	11.80	2.70
<b>Partial models</b>	tri	33.00	16.60	24.90
	snow	30.40	42.90	7.40
	hden	16.50	12.10	54.60
	timberline	10.20	7.70	3.30
	roaden	6.00	13.60	5.50
	edge	3.90	7.10	4.30