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Supplement 2a. Mean and S.D. (in parenthesis) of the original LUC and road variables used in modelling for 1 km², 25 km² and 100 km² landscape sizes in Lapland.

Var#	Variable	1 km			5 km			10 km		
		No-damage n=24607	Damage, n=810	Overall n=25417	No-damage n=738	Damage n=319	Overall n=1057	No-damage n=105	Damage n=141	Overall n=246
1	OPENMIN	1.55 (2.66)	2.31 (3.60)	1.57 (2.69)	1.36 (1.29)	1.79 (1.56)	1.49 (1.39)	1.26 (0.91)	1.63 (1.25)	1.47 (1.13)
2	OPENPEAT	8.56 (11.53)	6.21 (8.11)	8.49 (11.45)	9.15 (6.88)	7.60 (5.44)	8.68 (6.51)	8.62 (5.51)	8.42 (5.01)	8.51 (5.22)
3	PINEPLA-MIN	9.29 (9.23)	9.91 (9.32)	9.31 (9.23)	8.76 (5.31)	8.49 (6.06)	8.68 (5.54)	8.78 (4.13)	8.04 (4.74)	8.36 (4.50)
4	PINEPLA- PEATND	6.49 (7.11)	5.48 (6.47)	6.46 (7.09)	6.60 (4.33)	5.60 (3.67)	6.30 (4.17)	6.51 (3.70)	5.88 (3.12)	6.15 (3.38)
5	PINEPLA- PEATDR	5.48 (6.28)	6.41 (6.67)	5.50 (6.30)	5.18 (3.60)	6.09 (4.08)	5.45 (3.77)	5.03 (3.01)	6.15 (3.38)	5.67 (3.27)
6	OTHER-PLANT	12.11 (8.08)	17.21 (9.91)	12.28 (8.20)	10.66 (5.45)	13.21 (5.14)	11.43 (5.48)	9.45 (4.76)	12.45 (4.03)	11.17 (4.60)
7	PINETHIMIN	10.02 (8.43)	8.50 (7.47)	9.97 (8.41)	10.20 (5.71)	8.52 (5.45)	9.69 (5.68)	11.26 (4.93)	9.02 (5.03)	9.98 (5.10)
8	PINETHI- PEATND	1.17 (1.40)	0.98 (1.24)	1.16 (1.40)	1.22 (0.74)	1.09 (0.66)	1.18 (0.72)	1.25 (0.65)	1.21 (0.57)	1.23 (0.60)
9	PINETHI- PEATDR	2.57 (3.80)	3.14 (4.13)	2.59 (3.81)	2.47 (2.42)	3.21 (2.99)	2.69 (2.63)	2.41 (2.08)	3.24 (2.45)	2.89 (2.33)
10	OTHERTHI	11.59 (8.73)	15.32 (8.82)	11.71 (8.76)	10.22 (5.95)	14.39 (6.58)	11.48 (6.43)	9.32 (5.27)	13.01 (5.55)	11.44 (5.72)
11	MATURE	19.35 (14.16)	20.40 (14.67)	19.39 (14.17)	18.93 (9.15)	21.72 (9.52)	19.77 (9.35)	19.19 (7.33)	21.34 (8.15)	20.42 (7.87)
12	WATER	6.47 (15.19)	1.45 (5.26)	6.31 (15.00)	10.47 (15.98)	3.64 (6.44)	8.41 (14.16)	12.41 (13.66)	4.80 (6.39)	8.05 (10.81)
13	INHABITED	0.82 (3.78)	0.17 (0.72)	0.80 (3.72)	0.85 (2.53)	0.47 (0.96)	0.73 (2.19)	1.02 (2.35)	0.59 (1.00)	0.77 (1.72)
14	AGRI	2.82 (6.68)	1.31 (4.16)	2.77 (6.62)	2.35 (3.27)	2.65 (3.52)	2.44 (3.35)	1.93 (2.19)	2.67 (2.70)	2.36 (2.52)
15	MANMADE	1.72 (3.18)	1.20 (2.61)	1.70 (3.17)	1.57 (1.44)	1.53 (1.12)	1.56 (1.35)	1.56 (1.10)	1.55 (0.77)	1.55 (0.92)
16	MAINROAD	0.01 (0.18)	0.02 (0.21)	0.01 (0.19)	0.20 (1.13)	0.20 (1.04)	0.20 (1.10)	0.84 (3.65)	0.63 (2.35)	0.72 (2.97)
17	REGROAD	0.30 (0.85)	0.14 (0.60)	0.29 (0.84)	3.42 (4.58)	3.14 (4.09)	3.34 (4.44)	12.95 (13.32)	11.06 (8.32)	11.87 (10.76)
18	CONNROAD	0.83 (1.67)	0.56 (1.45)	0.82 (1.66)	8.587 (8.16)	7.94 (5.87)	8.39 (7.54)	30.81 (25.47)	25.90 (12.68)	28.00 (19.32)
19	FORROAD	1.11 (1.80)	1.11 (1.82)	1.11 (1.80)	11.43 (6.62)	11.93 (6.95)	11.58 (6.72)	37.29 (14.70)	41.84 (15.63)	39.90 (15.38)