

Supplementary Materials S1: Results of ANOVA for Different Road Types and Landscape Perception Restorativeness

Type (mean ± SD)													F	p
	Main road 1(n=15)	Main road 2(n=15)	Main road 3(n=15)	Main road4 (n=15)	By-pass 1(n=15)	By-pass 2(n=15)	By-pass 3(n=15)	By-pass 4(n=15)	Pathway1 (n=15)	Pathway2 (n=15)	Pathway3 (n=15)	Pathway4 (n=15)		
fascination	5.13±0.79	5.47±0.58	5.00±0.80	6.33±0.49	3.73±0.82	5.60±0.60	5.10±0.85	5.27±0.37	6.10±0.47	5.70±0.62	4.57±0.92	4.63±0.61	16.156	0.000**
being away	5.27±0.78	5.47±0.58	4.70±0.56	5.90±0.66	3.30±0.73	5.03±0.61	4.27±0.59	4.97±0.92	5.80±0.53	5.50±0.63	4.17±1.05	4.33±0.86	16.933	0.000**
compatibility	4.93±0.94	4.80±0.46	4.50±0.89	5.60±0.83	3.47±0.67	4.73±0.68	4.07±0.96	5.10±0.76	5.13±0.69	5.10±0.63	3.73±1.12	3.73±0.70	10.830	0.000**
extent	4.53±0.79	4.97±0.69	4.27±0.70	5.87±0.72	3.57±0.94	4.03±0.81	3.90±0.91	4.90±0.76	5.03±0.83	5.07±0.70	3.17±0.92	3.77±0.80	13.941	0.000**
PRS	4.97±0.05	5.18±0.06	4.62±0.10	5.93±0.34	3.52±0.27	4.85±0.05	4.34±0.08	5.06±0.07	5.52±0.08	5.35±0.06	3.91±0.09	4.12±0.09	358.502	0.000**

* p<0.05 ** p<0.01

Supplementary Materials S2: Results of ANOVA for Different Road Types of Soundscape

Type (mean ± SD)													F	p
	Main road 1(n=15)	Main road 2(n=15)	Main road 3(n=15)	Main road 4 (n=15)	By-pass 1(n=15)	By-pass 2(n=15)	By-pass 3(n=15)	By-pass 4(n=15)	Pathway1 (n=15)	Pathway2 (n=15)	Pathway3 (n=15)	Pathway4 (n=15)		
tranquility	5.02±0.63	5.43±0.70	5.15±0.84	5.52±0.88	4.17±0.57	5.20±0.79	4.88±0.92	5.58±0.65	5.35±1.03	5.25±0.75	4.53±0.86	4.87±0.67	4.219	0.000**
pleasantness	4.95±0.61	4.95±0.76	4.92±0.95	4.80±0.93	3.87±0.89	4.52±0.82	4.58±0.68	5.50±0.79	5.28±0.65	5.05±0.98	4.37±1.12	4.62±0.67	4.048	0.000**

* p<0.05 ** p<0.01

Supplementary Materials S3: Results of ANOVA for Different Road Types and Soundscape Restorativeness

Type (mean ± SD)													F	p
	Main road 1(n=15)	Main road 2(n=15)	Main road 3(n=15)	Main road4 (n=15)	By-pass 1(n=15)	By-pass 2(n=15)	By-pass 3(n=15)	By-pass 4(n=15)	Pathway1 (n=15)	Pathway2 (n=15)	Pathway3 (n=15)	Pathway4 (n=15)		
fascination	5.09±0.4	5.52±0.5	4.53±0.8	6.65±0.6	3.24±1.0	4.85±0.8	4.31±0.86	5.60±0.64	6.22±0.47	6.00±0.55	3.47±0.89	4.44±0.61	32.682	0.000*
being away	4.88±0.5	5.20±0.2	4.58±0.3	4.62±0.4	3.32±0.7	4.88±0.6	4.47±0.41	5.02±0.64	5.68±0.39	5.32±0.55	3.95±0.76	4.25±0.46	30.078	0.000*
compatibility	4.71±0.0	5.09±0.8	4.44±0.3	6.57±0.6	4.40±0.8	4.33±0.6	4.60±0.74	4.67±0.62	5.69±0.88	5.67±0.72	3.80±0.86	4.18±0.95	11.488	0.000*

Supplementary Materials S3: Results of ANOVA for Different Road Types and Soundscape Restorativeness

	Type (mean ± SD)												F	p
	Main road 1(n=15)	Main road 2(n=15)	Main road 3(n=15)	Main road4 (n=15)	By-pass 1(n=15)	By-pass 2(n=15)	By-pass 3(n=15)	By-pass 4(n=15)	Pathway1(n=15)	Pathway2(n=15)	Pathway3(n=15)	Pathway4(n=15)		
extent	5.20±0.65	5.56±0.64	4.40±0.66	6.36±0.53	3.31±0.95	5.00±1.11	4.65±0.92	5.20±0.89	5.76±0.78	5.16±0.78	4.60±0.99	5.00±0.65	13.121	0.000*
	8	0	3	4	1	3								*
PRSS	4.97±0.15	5.32±0.04	4.63±0.16	6.23±0.23	3.57±0.34	4.77±0.11	4.51±0.12	5.12±0.11	5.84±0.14	5.54±0.17	3.95±0.33	4.47±0.16	245.700	0.000*
	4	7	7	4	1	0							3	*

* p<0.05 ** p<0.01