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### **Supplemental Material**

#### **A Longitudinal Study Examining Changes in Street Connectivity, Land Use, and Density of Dwellings and Walking for Transport in Brisbane, Australia**

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**Table S1.** Number of responses, Variance and Factor Scores from Principal Components Analyses for each wave of the HABITAT survey.

**Table S1. Number of responses, Variance and Factor Scores from Principal Components Analyses for each wave of the HABITAT survey**

Factor	Walkability				Open/green space				City/work			School/childcare				
	Wave 1	Wave 2	Wave 3	Wave 4	Wave 1	Wave 2	Wave 3	Wave 4	Wave 1	Wave 2	Wave 3	Wave 4	Wave 1	Wave 2	Wave 3	Wave 4
Number responses	10,227	495	487	341	10,227	495	487	341	10,227	495	487	341	10,227	495	487	341
Variance in data explained (%)	19	21	23	21	16	18	16	17	13	12	11	13	12	11	10	11
<b>Variable</b>																
Ease of walking	0.31	0.21	0.23	0.27	0.05	0.07	0.04	0.07	-0.10	0.01	-0.17	-0.06	-0.09	-0.11	0.05	-0.19
Close to shops	0.33	0.29	0.31	0.28	-0.18	-0.03	-0.04	-0.03	0.07	-0.08	-0.12	-0.05	-0.01	-0.04	-0.08	-0.01
Close to public transport	0.38	0.38	0.38	0.04	-0.10	-0.10	-0.10	-0.03	-0.08	-0.08	-0.08	-0.21	-0.03	-0.03	-0.03	0.46
Access to freeways/main roads	0.12	0.12	0.12	0.35	-0.12	-0.12	-0.12	-0.09	0.30	0.30	0.30	-0.09	-0.04	-0.04	-0.04	-0.02
Safety from crime	0.12	-0.12	-0.10	-0.12	0.18	0.12	0.18	0.14	-0.09	0.02	0.34	0.05	-0.01	0.42	-0.05	0.33
Affordability	0.29	-0.05	-0.12	-0.05	0.11	-0.12	0.00	0.11	-0.24	-0.07	0.49	0.13	-0.14	0.65	-0.04	0.67
Close to work	-0.01	0.18	0.11	-0.01	-0.14	-0.16	-0.22	-0.08	0.38	0.09	0.40	0.34	0.06	0.19	0.07	0.14
Close to open space	-0.04	-0.04	-0.04	0.20	0.46	0.46	0.46	0.06	-0.17	-0.17	-0.17	-0.16	-0.04	-0.04	-0.04	-0.07
Close to school	-0.01	-0.01	-0.01	0.28	-0.05	-0.05	-0.05	0.07	-0.18	-0.18	-0.18	-0.12	0.56	0.56	0.56	-0.11
Close to open spaces	-0.04	-0.04	-0.04	0.14	0.12	0.12	0.12	-0.11	0.13	0.13	0.13	0.27	0.14	0.14	0.14	-0.06
Close to city	-0.05	-0.05	-0.05	0.02	-0.02	-0.02	-0.02	0.11	0.45	0.45	0.45	0.10	-0.13	-0.13	-0.13	0.05
Close to child care	-0.16	-0.08	-0.07	-0.09	-0.10	-0.02	0.02	0.05	0.02	0.56	-0.15	0.51	0.62	-0.06	0.61	-0.16
Close to green space	-0.16	-0.16	-0.14	-0.17	0.47	0.47	0.49	0.49	0.01	-0.06	-0.08	-0.02	-0.09	-0.07	-0.01	-0.06
Investment potential	-0.24	-0.24	-0.24	-0.04	0.22	0.22	0.22	-0.15	0.32	0.32	0.32	0.14	-0.05	-0.05	-0.05	0.29