

**Appendix 7 – Wilcoxon Signed Ranks Tests for significant difference between object configurations for GIVE class theme-goal ditransitives**

**Table 7: Across whole sample area**

Test Statistics <sup>c</sup>			
	give_tgd_proDP_ave - give_tgd_propro_ave	give_tgd_DPDP_ave - give_tgd_proDP_ave	give_tgd_DPpro_ave - give_tgd_DPDP_ave
Z	-1.359 <sup>a</sup>	-4.563 <sup>b</sup>	-2.133 <sup>b</sup>
Asymp. Sig. (2-tailed)	.174	.000	.033

a. Based on negative ranks.

b. Based on positive ranks.

c. Wilcoxon Signed Ranks Test

**Table 8: DY postcodes**

Test Statistics <sup>c</sup>			
	give_tgd_proDP_ave - give_tgd_propro_ave	give_tgd_DPDP_ave - give_tgd_proDP_ave	give_tgd_DPpro_ave - give_tgd_DPDP_ave
Z	-.032 <sup>a</sup>	-3.075 <sup>b</sup>	-1.023 <sup>b</sup>
Asymp. Sig. (2-tailed)	.974	.002	.306

**Table 9: WV postcodes**

Test Statistics <sup>c</sup>			
	give_tgd_proDP_ave - give_tgd_propro_ave	give_tgd_DPDP_ave - give_tgd_proDP_ave	give_tgd_DPpro_ave - give_tgd_DPDP_ave
Z	-2.021 <sup>a</sup>	-3.448 <sup>b</sup>	-2.251 <sup>b</sup>
Asymp. Sig. (2-tailed)	.043	.001	.024

**Table 10: High BC index class**

Test Statistics <sup>c</sup>			
	give_tgd_proDP_ave - give_tgd_propro_ave	give_tgd_DPDP_ave - give_tgd_proDP_ave	give_tgd_DPpro_ave - give_tgd_DPDP_ave
Z	-.032 <sup>a</sup>	-3.192 <sup>b</sup>	-1.556 <sup>b</sup>
Asymp. Sig. (2-tailed)	.974	.001	.120

**Table 11: Low BC index class**

<b>Test Statistics<sup>c</sup></b>			
	give_tgd_proDP_ave - give_tgd_propro_ave	give_tgd_DPDP_ave - give_tgd_proDP_ave	give_tgd_DPpro_ave - give_tgd_DPDP_ave
Z	-2.021 <sup>a</sup>	-3.334 <sup>b</sup>	-1.518 <sup>b</sup>
Asymp. Sig. (2-tailed)	.043	.001	.129

**Appendix 8 – Logistic regression test for correlation between BC index class (DV) and age group, gender and postcode (IVs)**

**Model Summary**

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	31.543 <sup>a</sup>	.327	.437

a. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

**Hosmer and Lemeshow Test**

Step	Chi-square	df	Sig.
1	2.734	6	.841

**Variables in the Equation**

	B	S.E.	Wald	df	Sig.	Exp(B)
Step 1 <sup>a</sup> age_group	-1.172	.935	1.571	1	.210	.310
gender	.390	.889	.193	1	.660	1.478
postcode	-2.777	.944	8.659	1	.003	.062
Constant	5.533	2.622	4.454	1	.035	252.781

a. Variable(s) entered on step 1: age\_group, gender, postcode.

**Appendix 9 – Logistic regression test for correlation between TGD acceptability class (DV) and age group, gender, postcode and BC index class (IVs)**

**Model Summary**

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	27.700 <sup>a</sup>	.396	.531

a. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

**Variables in the Equation**

	B	S.E.	Wald	df	Sig.	Exp(B)
Step 1 <sup>a</sup> age_group	-.318	.978	.106	1	.745	.728
gender	-2.162	1.195	3.274	1	.070	.115
postcode	-.530	1.089	.237	1	.627	.589
BC_index_class	3.223	1.325	5.913	1	.015	25.094
Constant	-.914	3.589	.065	1	.799	.401

a. Variable(s) entered on step 1: age\_group, gender, postcode, BC\_index\_class.