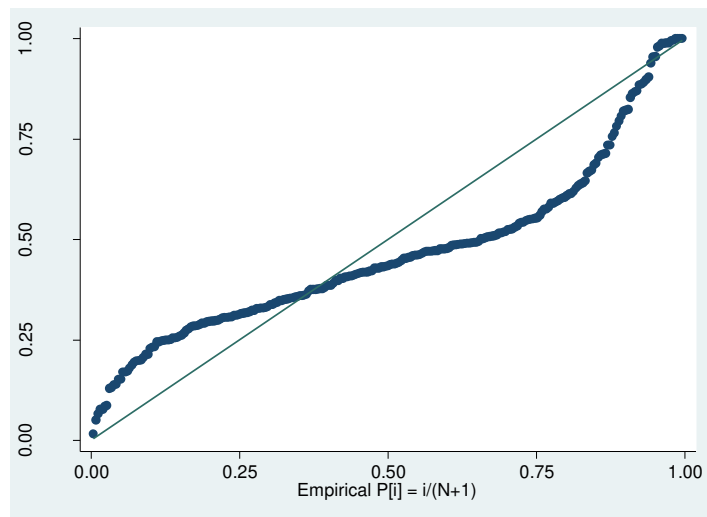
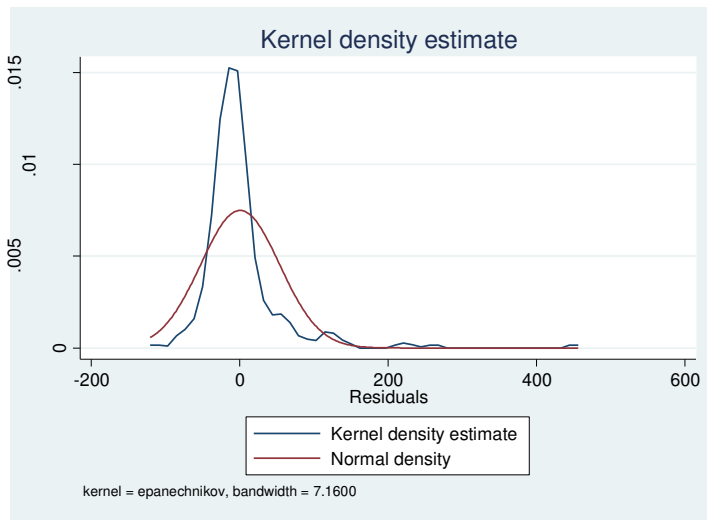


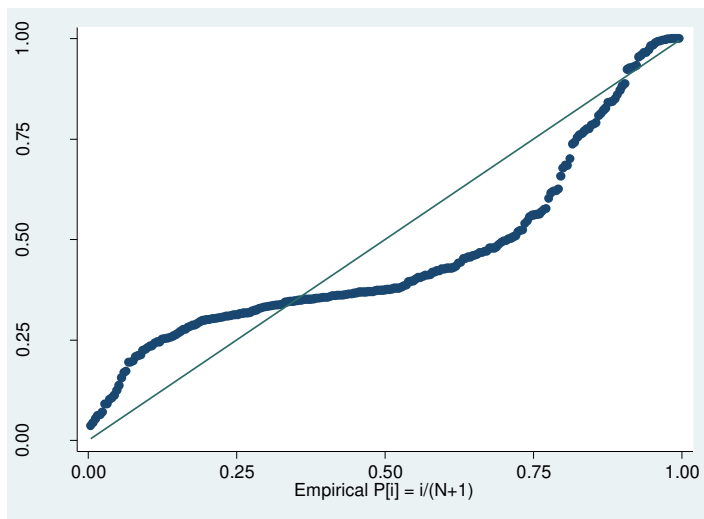
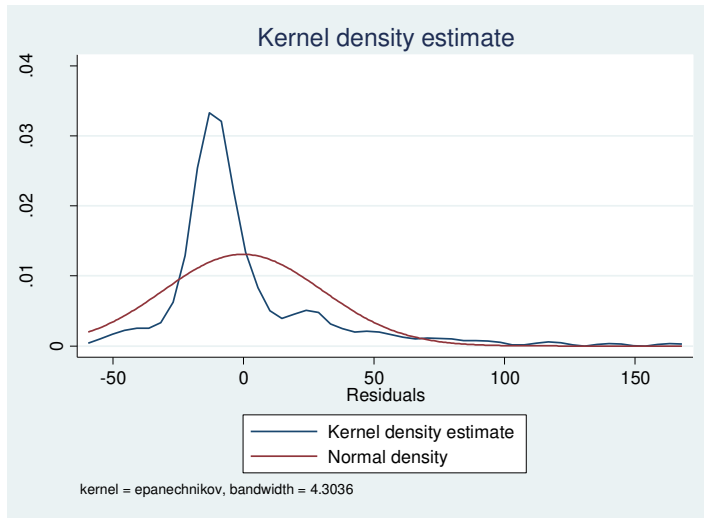
**Appendix 9 – Model fit graphs and statistics for primary analysis and post-hoc regression for the primary outcome**

	<b>Between group difference</b>
	<b>Mean (95% CI) P-value</b>
Primary analysis model	Mean difference: 11.8 (-2.1 to 26.0), 0.10
Post-hoc model 1: outliers [MVPA > 200] dropped	Mean difference: 2.5 (-5.8 to 10.7), 0.55
Post-hoc model 2: log outcome + constant of 5	Mean difference: 1.2 (0.8 to 1.5), 0.27
Post hoc model 3: negative binomial model	Rate ratio: 1.90 (0.90 to 4.00), 0.09
Post-hoc model 4: zero-inflated negative binomial model	Rate ratio: 1.59 (1.13 to 2.25), 0.01

Primary analysis



**Outliers [>200] dropped model**



**Log model with constant of 5 added**

