

Table 1: Median width (S.D.) of confidence intervals of the standard binary and augmented binary methods for the log-odds treatment effect

N	Standard binary		Augmented binary (GLS)		Augmented binary (GEE)	
	Unadjusted	Adjusted	Unadjusted	Adjusted	Unadjusted	Adjusted
30	3.019 (431.8)	3.000 (0.236)	2.509 (1390)	2.477 (0.212)	2.458 (1413.6)	2.739 (0.384)
40	2.602 (136.7)	2.592 (0.163)	2.155 (170.4)	2.145 (0.150)	2.134 (183.2)	2.325 (0.175)
50	2.320 (0.135)	2.314 (0.112)	1.924 (61.75)	1.919 (0.117)	1.916 (81.20)	2.053 (0.123)
60	2.117 (0.103)	2.112 (0.089)	1.755 (16.656)	1.753 (0.096)	1.755 (22.07)	1.861 (0.099)
70	1.959 (0.081)	1.954 (0.072)	1.624 (0.588)	1.862 (0.218)	1.630 (1.318)	1.712 (0.081)
80	1.832 (0.069)	1.828 (0.063)	1.521 (0.071)	1.378 (0.129)	1.531 (0.066)	1.598 (0.069)

Results shown on logarithmic scale

GLS generalised least squares, GEE generalised estimating equations

Table 2: Median width (S.D.) of confidence intervals of the standard binary and augmented binary methods for the difference in response probabilities treatment effect

N	Standard binary		Augmented binary (GLS)		Augmented binary (GEE)	
	Unadjusted	Adjusted	Unadjusted	Adjusted	Unadjusted	Adjusted
30	0.675 (0.044)	0.686 (0.037)	0.567 (248.8)	0.554 (0.045)	0.554 (245.1)	0.614 (0.142)
40	0.592 (0.030)	0.597 (0.026)	0.492 (36.558)	0.464 (0.062)	0.488 (39.049)	0.528 (0.062)
50	0.536 (0.023)	0.539 (0.021)	0.442 (14.154)	0.470 (0.059)	0.442 (18.558)	0.472 (0.033)
60	0.490 (0.018)	0.492 (0.017)	0.406 (3.985)	0.403 (0.021)	0.407 (5.229)	0.429 (0.024)
70	0.455 (0.015)	0.456 (0.014)	0.377 (0.142)	0.375 (0.018)	0.379 (0.319)	0.396 (0.020)
80	0.426 (0.013)	0.428 (0.012)	0.354 (0.016)	0.351 (0.016)	0.357 (0.017)	0.371 (0.017)

Results shown on probability scale

GLS generalised least squares, GEE generalised estimating equations

Table 3: Average treatment effect (S.D.) in subsamples using the standard binary and augmented binary methods for the log-odds treatment effect

N	Standard binary		Augmented binary (GLS)		Augmented binary (GEE)	
	Unadjusted	Adjusted	Unadjusted	Adjusted	Unadjusted	Adjusted
30	0.606 (1.096)	0.526 (0.737)	0.783 (0.649)	0.747 (0.619)	0.812 (0.678)	0.773 (0.646)
40	0.595 (0.745)	0.543 (0.634)	0.794 (0.544)	0.765 (0.525)	0.828 (0.565)	0.796 (0.545)
50	0.572 (0.587)	0.536 (0.547)	0.790 (0.478)	0.767 (0.465)	0.821 (0.495)	0.795 (0.480)
60	0.570 (0.541)	0.540 (0.510)	0.788 (0.435)	0.770 (0.425)	0.816 (0.449)	0.795 (0.438)
70	0.577 (0.476)	0.551 (0.453)	0.794 (0.394)	0.902 (0.456)	0.821 (0.406)	0.802 (0.398)
80	0.568 (0.455)	0.546 (0.436)	0.790 (0.367)	0.707 (0.333)	0.817 (0.377)	0.801 (0.370)

Results shown on logarithmic scale

GLS generalised least squares, GEE generalised estimating equations

Table 4: Average treatment effect (S.D.) in subsamples using the standard binary and augmented binary methods for the difference in response probabilities treatment effect

N	Standard binary		Augmented binary (GLS)		Augmented binary (GEE)	
	Unadjusted	Adjusted	Unadjusted	Adjusted	Unadjusted	Adjusted
30	0.129 (0.178)	0.118 (0.163)	0.180 (0.145)	0.170 (0.137)	0.179 (0.153)	0.168 (0.143)
40	0.133 (0.153)	0.124 (0.142)	0.185 (0.124)	0.171 (0.116)	0.191 (0.128)	0.182 (0.123)
50	0.131 (0.132)	0.124 (0.125)	0.186 (0.110)	0.195 (0.117)	0.193 (0.113)	0.185 (0.109)
60	0.131 (0.123)	0.125 (0.117)	0.187 (0.101)	0.181 (0.098)	0.193 (0.104)	0.186 (0.100)
70	0.134 (0.109)	0.129 (0.104)	0.189 (0.091)	0.184 (0.089)	0.195 (0.094)	0.190 (0.091)
80	0.133 (0.104)	0.128 (0.101)	0.189 (0.085)	0.184 (0.083)	0.195 (0.087)	0.190 (0.085)

Results shown on probability scale

GLS generalised least squares, GEE generalised estimating equations

Table 5: Average treatment effect (S.D.) in permuted subsamples using the standard binary and augmented binary methods for the log-odds treatment effect

N	Standard binary		Augmented binary (GLS)		Augmented binary (GEE)	
	Unadjusted	Adjusted	Unadjusted	Adjusted	Unadjusted	Adjusted
30	0.011 (1.171)	0.005 (0.742)	0.001 (0.665)	0.049 (0.641)	-0.002 (0.673)	-0.002 (0.646)
40	0.012 (0.755)	0.006 (0.645)	-0.005 (0.559)	0.000 (0.537)	0.014 (0.583)	0.002 (0.555)
50	0.000 (0.608)	0.004 (0.575)	0.007 (0.487)	-0.003 (0.475)	-0.003 (0.512)	0.012 (0.492)
60	-0.005 (0.557)	0.004 (0.527)	-0.003 (0.449)	0.000 (0.437)	-0.004 (0.461)	-0.005 (0.452)
70	-0.004 (0.507)	0.001 (0.411)	0.004 (0.413)	0.000 (0.487)	-0.004 (0.424)	-0.007 (0.417)
80	0.005 (0.467)	-0.009 (0.457)	0.005 (0.390)	-0.002 (0.354)	0.000 (0.401)	-0.001 (0.386)

Results shown on logarithmic scale

GLS generalised least squares, GEE generalised estimating equations

Table 6: Average treatment effect (S.D.) in permuted subsamples using the standard binary and augmented binary methods for the difference in response probabilities treatment effect

N	Standard binary		Augmented binary (GLS)		Augmented binary (GEE)	
	Unadjusted	Adjusted	Unadjusted	Adjusted	Unadjusted	Adjusted
30	-0.003 (0.182)	-0.002 (0.166)	0.001 (0.151)	0.000 (0.144)	-0.002 (0.154)	0.000 (0.145)
40	0.001 (0.156)	0.000 (0.148)	0.001 (0.130)	-0.002 (0.123)	-0.004 (0.136)	0.000 (0.130)
50	-0.001 (0.142)	-0.002 (0.134)	0.002 (0.117)	0.000 (0.112)	0.001 (0.121)	0.000 (0.118)
60	0.000 (0.129)	-0.002 (0.121)	0.002 (0.106)	-0.003 (0.104)	-0.002 (0.113)	0.001 (0.108)
70	-0.004 (0.120)	0.000 (0.114)	0.001 (0.101)	0.001 (0.098)	0.001 (0.104)	-0.001 (0.101)
80	-0.002 (0.112)	0.000 (0.108)	0.001 (0.094)	0.000 (0.092)	0.000 (0.097)	-0.001 (0.094)

Results shown on probability scale

GLS generalised least squares, GEE generalised estimating equations