

**The fast GEE power of binary outcomes with nested exchangeable correlation structure and
(alpha1,alpha2):(0.03, 0.03)**

Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
22	6	6	3	0.85	360	binary	logit	2.8490685	0.8130266	0.380395
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with exponential decay correlation structure and
(alpha0,r0):(0.03, 0.8)**

Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
22	6	6	3	0.85	360	binary	logit	2.8910731	0.8241014	0.3948754
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with nested exchangeable correlation structure and
(alpha1,alpha2):(0.03, 0.015)**

Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
22	6	6	3	0.85	360	binary	logit	2.9589846	0.8411076	0.418764
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with nested exchangeable correlation structure and
(alpha1,alpha2):(0.03, 0.03)**

Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
22	6	12	9	0.85	360	binary	logit	3.0335193	0.858489	0.769868
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with exponential decay correlation structure and
(alpha0,r0):(0.03, 0.8)**

Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
22	6	12	9	0.85	360	binary	logit	3.1309453	0.8791969	0.7962332
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with nested exchangeable correlation structure and
(alpha1,alpha2):(0.03, 0.015)**

Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
22	6	12	9	0.85	360	binary	logit	3.1568172	0.8843181	0.8028673
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with nested exchangeable correlation structure and
(alpha1,alpha2):(0.03, 0.03)**

Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
21	6	6	3	0.85	360	binary	logit	3.0932623	0.8714555	0.467278
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with exponential decay correlation structure and
(alpha0,r0):(0.03, 0.8)**

Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
21	6	6	3	0.85	360	binary	logit	3.1295746	0.8789212	0.4805789
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with nested exchangeable correlation structure and
(alpha1,alpha2):(0.03, 0.015)**

Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
21	6	6	3	0.85	360	binary	logit	3.2041448	0.8932835	0.5079745
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with nested exchangeable correlation structure and
(alpha1,alpha2):(0.03, 0.03)**

Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
21	6	12	9	0.85	360	binary	logit	3.2855508	0.9075117	0.8335794
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with exponential decay correlation structure and
(alpha0,r0):(0.03, 0.8)**

Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
21	6	12	9	0.85	360	binary	logit	3.3782235	0.9219425	0.8533479
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with nested exchangeable correlation structure and
(alpha1,alpha2):(0.03, 0.015)**

Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
21	6	12	9	0.85	360	binary	logit	3.4109408	0.9266068	0.8598702
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with nested exchangeable correlation structure and
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Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
20	6	6	3	0.85	360	binary	logit	3.3700642	0.9207449	0.5684256
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with exponential decay correlation structure and
(alpha0,r0):(0.03, 0.8)**

Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
20	6	6	3	0.85	360	binary	logit	3.4078192	0.9261712	0.5819154
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with nested exchangeable correlation structure and
(alpha1,alpha2):(0.03, 0.015)**

Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
20	6	6	3	0.85	360	binary	logit	3.4785364	0.9355649	0.6067627
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with nested exchangeable correlation structure and
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Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
20	6	12	9	0.85	360	binary	logit	3.5679226	0.9460779	0.8879898
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with exponential decay correlation structure and
(alpha0,r0):(0.03, 0.8)**

Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
20	6	12	9	0.85	360	binary	logit	3.6574837	0.9552008	0.9018065
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with nested exchangeable correlation structure and
(alpha1,alpha2):(0.03, 0.015)**

Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
20	6	12	9	0.85	360	binary	logit	3.6923608	0.9583985	0.9067781
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with nested exchangeable correlation structure and
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Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
18	6	6	3	0.85	360	binary	logit	2.9609635	0.8415865	0.419468
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with exponential decay correlation structure and
(alpha0,r0):(0.03, 0.8)**

Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
18	6	6	3	0.85	360	binary	logit	2.8656735	0.8174552	0.3860899
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with nested exchangeable correlation structure and
(alpha1,alpha2):(0.03, 0.015)**

Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
18	6	6	3	0.85	360	binary	logit	3.0084171	0.852785	0.4364617
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with nested exchangeable correlation structure and
(alpha1,alpha2):(0.03, 0.03)**

Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
18	6	12	9	0.85	360	binary	logit	3.0879843	0.8703443	0.7848756
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with exponential decay correlation structure and
(alpha0,r0):(0.03, 0.8)**

Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
18	6	12	9	0.85	360	binary	logit	3.0930085	0.8714022	0.7862258
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with nested exchangeable correlation structure and
(alpha1,alpha2):(0.03, 0.015)**

Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
18	6	12	9	0.85	360	binary	logit	3.163211	0.8855596	0.804483
				-0.01						
				-1.2						

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Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
17	6	6	3	0.85	360	binary	logit	3.1963152	0.891836	0.5050973
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with exponential decay correlation structure and
(alpha0,r0):(0.03, 0.8)**

Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
17	6	6	3	0.85	360	binary	logit	3.1106823	0.8750759	0.4736531
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with nested exchangeable correlation structure and
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Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
17	6	6	3	0.85	360	binary	logit	3.2490052	0.9013081	0.5244398
				-0.01						
				-1.2						

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Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
17	6	12	9	0.85	360	binary	logit	3.3350847	0.915453	0.8443859
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with exponential decay correlation structure and
(alpha0,r0):(0.03, 0.8)**

Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
17	6	12	9	0.85	360	binary	logit	3.3490287	0.9175935	0.8473282
				-0.01						
				-1.2						

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Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
17	6	12	9	0.85	360	binary	logit	3.4178618	0.9275657	0.8612199
				-0.01						
				-1.2						

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T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
16	6	6	3	0.85	360	binary	logit	3.457312	0.9328486	0.599369
				-0.01						
				-1.2						

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Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
16	6	6	3	0.85	360	binary	logit	3.3955664	0.9244422	0.5775528
				-0.01						
				-1.2						

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T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
16	6	6	3	0.85	360	binary	logit	3.5148245	0.9400104	0.6192633
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with nested exchangeable correlation structure and
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Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
16	6	12	9	0.85	360	binary	logit	3.6081668	0.9503445	0.8943895
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with exponential decay correlation structure and
(alpha0,r0):(0.03, 0.8)**

Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
16	6	12	9	0.85	360	binary	logit	3.6380992	0.9533396	0.8989461
				-0.01						
				-1.2						

**The fast GEE power of binary outcomes with nested exchangeable correlation structure and
(alpha1,alpha2):(0.03, 0.015)**

Under average intervention effects model and delta = -1.2

T	S	clusters	df	theta	totaln	Dist	Link	stdel	zpower	tpower
16	6	12	9	0.85	360	binary	logit	3.6983202	0.958926	0.9076054
				-0.01						
				-1.2						