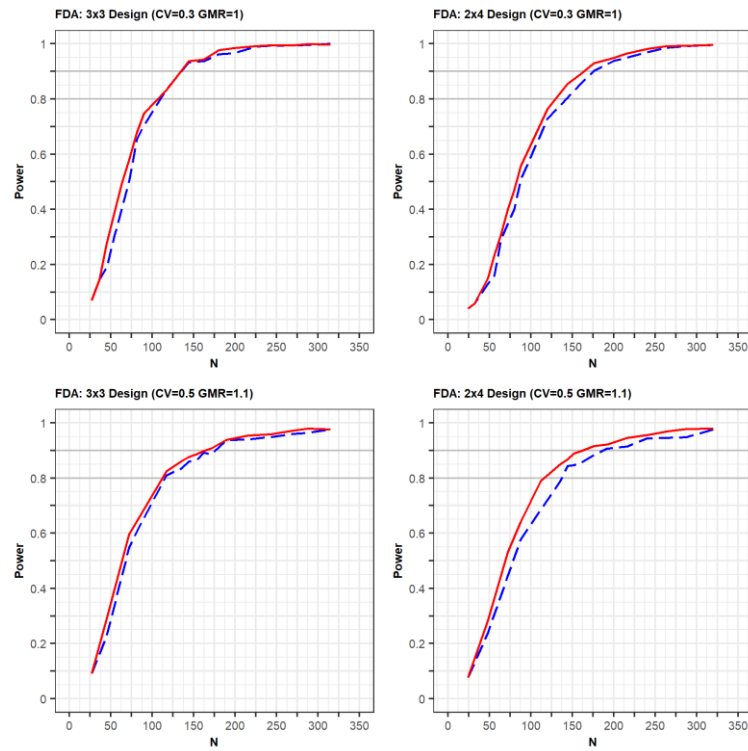
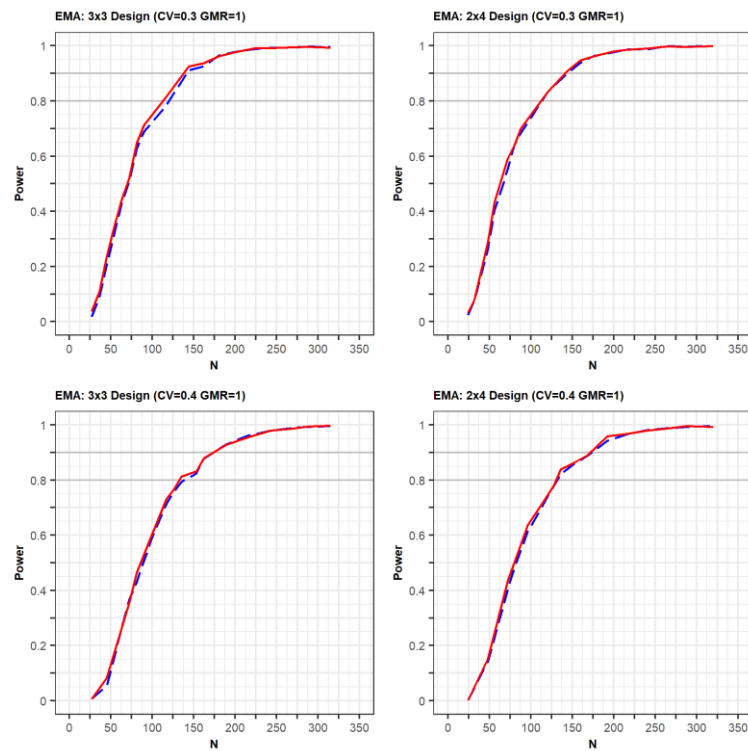


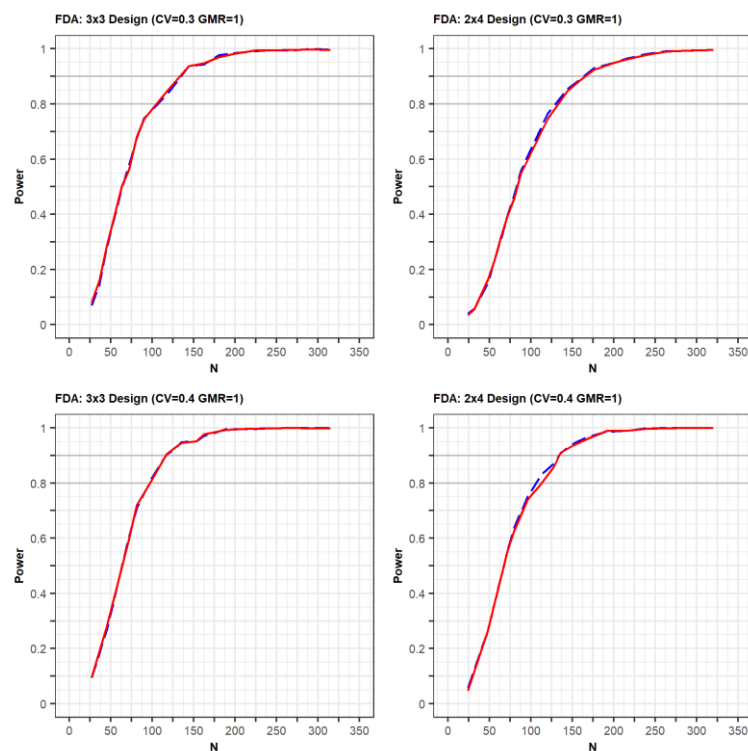
**Figure S1.** Comparison of power between simulations with dropout (blue long-dashed line) and without dropouts (red solid line): The power curves as per the EMA guideline are represented.



**Figure S2.** Comparison of power between simulations with dropout (blue long-dashed line) and without dropouts (red solid line): The power curves as per the FDA guideline are represented.



**Figure S3.** Comparison of power between simulations with errors (blue long-dashed line) and without errors (red solid line): The power curves as per the EMA guideline are represented.



**Figure S4.** Comparison of power between simulations with errors (blue long-dashed line) and without errors (red solid line): The power curves as per the FDA guideline are represented.

**Table S6.** Comparison of power between simulations with and without dropouts: The simulation results are summarized in Figure S1 and Figure S2.

Agency	Dropout	Design	CV	GMR	Total number of subject	Total number of hospitalization (N)	Power
EMA	No	2x2	0.3	1	12	24	0.018
EMA	No	2x2	0.3	1	16	32	0.044
EMA	No	2x2	0.3	1	24	48	0.228
EMA	No	2x2	0.3	1	28	56	0.338
EMA	No	2x2	0.3	1	32	64	0.445
EMA	No	2x2	0.3	1	36	72	0.53
EMA	No	2x2	0.3	1	40	80	0.61
EMA	No	2x2	0.3	1	44	88	0.662
EMA	No	2x2	0.3	1	60	120	0.834
EMA	No	2x2	0.3	1	72	144	0.921
EMA	No	2x2	0.3	1	80	160	0.948
EMA	No	2x2	0.3	1	88	176	0.978
EMA	No	2x2	0.3	1	100	200	0.987
EMA	No	2x2	0.3	1	108	216	0.992
EMA	No	2x2	0.3	1	120	240	0.995
EMA	No	2x2	0.3	1	132	264	0.999
EMA	No	2x2	0.3	1	144	288	0.999
EMA	No	2x2	0.3	1	160	320	0.999
EMA	No	2x2	0.5	1.1	12	24	0.002
EMA	No	2x2	0.5	1.1	24	48	0.008
EMA	No	2x2	0.5	1.1	36	72	0.11
EMA	No	2x2	0.5	1.1	44	88	0.202
EMA	No	2x2	0.5	1.1	56	112	0.298
EMA	No	2x2	0.5	1.1	68	136	0.376
EMA	No	2x2	0.5	1.1	72	144	0.414
EMA	No	2x2	0.5	1.1	76	152	0.437
EMA	No	2x2	0.5	1.1	80	160	0.45
EMA	No	2x2	0.5	1.1	88	176	0.505
EMA	No	2x2	0.5	1.1	96	192	0.525
EMA	No	2x2	0.5	1.1	108	216	0.57
EMA	No	2x2	0.5	1.1	120	240	0.598
EMA	No	2x2	0.5	1.1	132	264	0.653
EMA	No	2x2	0.5	1.1	144	288	0.718
EMA	No	2x2	0.5	1.1	160	320	0.739
EMA	No	3x3	0.3	1	9	27	0.018
EMA	No	3x3	0.3	1	12	36	0.089
EMA	No	3x3	0.3	1	15	45	0.206

EMA	No	3x3	0.3	1	18	54	0.321
EMA	No	3x3	0.3	1	21	63	0.43
EMA	No	3x3	0.3	1	24	72	0.507
EMA	No	3x3	0.3	1	27	81	0.628
EMA	No	3x3	0.3	1	30	90	0.689
EMA	No	3x3	0.3	1	39	117	0.785
EMA	No	3x3	0.3	1	48	144	0.912
EMA	No	3x3	0.3	1	54	162	0.926
EMA	No	3x3	0.3	1	60	180	0.966
EMA	No	3x3	0.3	1	66	198	0.977
EMA	No	3x3	0.3	1	75	225	0.989
EMA	No	3x3	0.3	1	81	243	0.994
EMA	No	3x3	0.3	1	90	270	0.995
EMA	No	3x3	0.3	1	96	288	0.998
EMA	No	3x3	0.3	1	105	315	0.997
EMA	No	3x3	0.5	1.1	9	27	0.003
EMA	No	3x3	0.5	1.1	15	45	0.017
EMA	No	3x3	0.5	1.1	24	72	0.139
EMA	No	3x3	0.5	1.1	30	90	0.253
EMA	No	3x3	0.5	1.1	39	117	0.384
EMA	No	3x3	0.5	1.1	45	135	0.443
EMA	No	3x3	0.5	1.1	48	144	0.508
EMA	No	3x3	0.5	1.1	51	153	0.495
EMA	No	3x3	0.5	1.1	54	162	0.545
EMA	No	3x3	0.5	1.1	57	171	0.558
EMA	No	3x3	0.5	1.1	63	189	0.619
EMA	No	3x3	0.5	1.1	72	216	0.639
EMA	No	3x3	0.5	1.1	81	243	0.694
EMA	No	3x3	0.5	1.1	90	270	0.717
EMA	No	3x3	0.5	1.1	96	288	0.744
EMA	No	3x3	0.5	1.1	105	315	0.768
EMA	No	2x4	0.3	1	6	24	0.024
EMA	No	2x4	0.3	1	8	32	0.081
EMA	No	2x4	0.3	1	12	48	0.263
EMA	No	2x4	0.3	1	14	56	0.402
EMA	No	2x4	0.3	1	16	64	0.473
EMA	No	2x4	0.3	1	18	72	0.554
EMA	No	2x4	0.3	1	20	80	0.64
EMA	No	2x4	0.3	1	22	88	0.684
EMA	No	2x4	0.3	1	30	120	0.833
EMA	No	2x4	0.3	1	36	144	0.902

EMA	No	2x4	0.3	1	40	160	0.939
EMA	No	2x4	0.3	1	44	176	0.964
EMA	No	2x4	0.3	1	50	200	0.977
EMA	No	2x4	0.3	1	54	216	0.988
EMA	No	2x4	0.3	1	60	240	0.987
EMA	No	2x4	0.3	1	66	264	0.999
EMA	No	2x4	0.3	1	72	288	0.998
EMA	No	2x4	0.3	1	80	320	0.999
EMA	No	2x4	0.5	1.1	6	24	0.001
EMA	No	2x4	0.5	1.1	12	48	0.033
EMA	No	2x4	0.5	1.1	18	72	0.199
EMA	No	2x4	0.5	1.1	22	88	0.309
EMA	No	2x4	0.5	1.1	28	112	0.418
EMA	No	2x4	0.5	1.1	34	136	0.494
EMA	No	2x4	0.5	1.1	36	144	0.525
EMA	No	2x4	0.5	1.1	38	152	0.541
EMA	No	2x4	0.5	1.1	40	160	0.585
EMA	No	2x4	0.5	1.1	44	176	0.599
EMA	No	2x4	0.5	1.1	48	192	0.65
EMA	No	2x4	0.5	1.1	54	216	0.71
EMA	No	2x4	0.5	1.1	60	240	0.726
EMA	No	2x4	0.5	1.1	66	264	0.774
EMA	No	2x4	0.5	1.1	72	288	0.78
EMA	No	2x4	0.5	1.1	80	320	0.822
EMA	Yes	2x2	0.3	1	12	24	0.018
EMA	Yes	2x2	0.3	1	16	32	0.044
EMA	Yes	2x2	0.3	1	24	48	0.162
EMA	Yes	2x2	0.3	1	28	56	0.272
EMA	Yes	2x2	0.3	1	32	64	0.44
EMA	Yes	2x2	0.3	1	36	72	0.467
EMA	Yes	2x2	0.3	1	40	80	0.565
EMA	Yes	2x2	0.3	1	44	88	0.65
EMA	Yes	2x2	0.3	1	60	120	0.844
EMA	Yes	2x2	0.3	1	72	144	0.902
EMA	Yes	2x2	0.3	1	80	160	0.947
EMA	Yes	2x2	0.3	1	88	176	0.967
EMA	Yes	2x2	0.3	1	100	200	0.978
EMA	Yes	2x2	0.3	1	108	216	0.978
EMA	Yes	2x2	0.3	1	120	240	0.996
EMA	Yes	2x2	0.3	1	132	264	0.998
EMA	Yes	2x2	0.3	1	144	288	0.999

EMA	Yes	2x2	0.3	1	160	320	0.996
EMA	Yes	2x2	0.5	1.1	12	24	0.002
EMA	Yes	2x2	0.5	1.1	24	48	0.014
EMA	Yes	2x2	0.5	1.1	36	72	0.076
EMA	Yes	2x2	0.5	1.1	44	88	0.18
EMA	Yes	2x2	0.5	1.1	56	112	0.279
EMA	Yes	2x2	0.5	1.1	68	136	0.347
EMA	Yes	2x2	0.5	1.1	72	144	0.407
EMA	Yes	2x2	0.5	1.1	76	152	0.414
EMA	Yes	2x2	0.5	1.1	80	160	0.44
EMA	Yes	2x2	0.5	1.1	88	176	0.463
EMA	Yes	2x2	0.5	1.1	96	192	0.482
EMA	Yes	2x2	0.5	1.1	108	216	0.57
EMA	Yes	2x2	0.5	1.1	120	240	0.6
EMA	Yes	2x2	0.5	1.1	132	264	0.659
EMA	Yes	2x2	0.5	1.1	144	288	0.694
EMA	Yes	2x2	0.5	1.1	160	320	0.712
EMA	Yes	3x3	0.3	1	9	27	0.018
EMA	Yes	3x3	0.3	1	12	36	0.089
EMA	Yes	3x3	0.3	1	15	45	0.144
EMA	Yes	3x3	0.3	1	18	54	0.257
EMA	Yes	3x3	0.3	1	21	63	0.341
EMA	Yes	3x3	0.3	1	24	72	0.459
EMA	Yes	3x3	0.3	1	27	81	0.584
EMA	Yes	3x3	0.3	1	30	90	0.646
EMA	Yes	3x3	0.3	1	39	117	0.799
EMA	Yes	3x3	0.3	1	48	144	0.912
EMA	Yes	3x3	0.3	1	54	162	0.919
EMA	Yes	3x3	0.3	1	60	180	0.948
EMA	Yes	3x3	0.3	1	66	198	0.958
EMA	Yes	3x3	0.3	1	75	225	0.985
EMA	Yes	3x3	0.3	1	81	243	0.99
EMA	Yes	3x3	0.3	1	90	270	0.992
EMA	Yes	3x3	0.3	1	96	288	0.992
EMA	Yes	3x3	0.3	1	105	315	1
EMA	Yes	3x3	0.5	1.1	9	27	0.003
EMA	Yes	3x3	0.5	1.1	15	45	0.016
EMA	Yes	3x3	0.5	1.1	24	72	0.12
EMA	Yes	3x3	0.5	1.1	30	90	0.222
EMA	Yes	3x3	0.5	1.1	39	117	0.356
EMA	Yes	3x3	0.5	1.1	45	135	0.428

EMA	Yes	3x3	0.5	1.1	48	144	0.514
EMA	Yes	3x3	0.5	1.1	51	153	0.475
EMA	Yes	3x3	0.5	1.1	54	162	0.53
EMA	Yes	3x3	0.5	1.1	57	171	0.54
EMA	Yes	3x3	0.5	1.1	63	189	0.597
EMA	Yes	3x3	0.5	1.1	72	216	0.604
EMA	Yes	3x3	0.5	1.1	81	243	0.655
EMA	Yes	3x3	0.5	1.1	90	270	0.708
EMA	Yes	3x3	0.5	1.1	96	288	0.721
EMA	Yes	3x3	0.5	1.1	105	315	0.781
EMA	Yes	2x4	0.3	1	6	24	0.024
EMA	Yes	2x4	0.3	1	8	32	0.081
EMA	Yes	2x4	0.3	1	12	48	0.247
EMA	Yes	2x4	0.3	1	14	56	0.324
EMA	Yes	2x4	0.3	1	16	64	0.444
EMA	Yes	2x4	0.3	1	18	72	0.506
EMA	Yes	2x4	0.3	1	20	80	0.552
EMA	Yes	2x4	0.3	1	22	88	0.664
EMA	Yes	2x4	0.3	1	30	120	0.818
EMA	Yes	2x4	0.3	1	36	144	0.884
EMA	Yes	2x4	0.3	1	40	160	0.913
EMA	Yes	2x4	0.3	1	44	176	0.944
EMA	Yes	2x4	0.3	1	50	200	0.956
EMA	Yes	2x4	0.3	1	54	216	0.973
EMA	Yes	2x4	0.3	1	60	240	0.983
EMA	Yes	2x4	0.3	1	66	264	0.99
EMA	Yes	2x4	0.3	1	72	288	0.999
EMA	Yes	2x4	0.3	1	80	320	0.999
EMA	Yes	2x4	0.5	1.1	6	24	0.001
EMA	Yes	2x4	0.5	1.1	12	48	0.038
EMA	Yes	2x4	0.5	1.1	18	72	0.126
EMA	Yes	2x4	0.5	1.1	22	88	0.245
EMA	Yes	2x4	0.5	1.1	28	112	0.366
EMA	Yes	2x4	0.5	1.1	34	136	0.442
EMA	Yes	2x4	0.5	1.1	36	144	0.514
EMA	Yes	2x4	0.5	1.1	38	152	0.494
EMA	Yes	2x4	0.5	1.1	40	160	0.548
EMA	Yes	2x4	0.5	1.1	44	176	0.569
EMA	Yes	2x4	0.5	1.1	48	192	0.619
EMA	Yes	2x4	0.5	1.1	54	216	0.633
EMA	Yes	2x4	0.5	1.1	60	240	0.704

EMA	Yes	2x4	0.5	1.1	66	264	0.745
EMA	Yes	2x4	0.5	1.1	72	288	0.768
EMA	Yes	2x4	0.5	1.1	80	320	0.798
FDA	No	2x2	0.3	1	12	24	0.018
FDA	No	2x2	0.3	1	16	32	0.044
FDA	No	2x2	0.3	1	24	48	0.228
FDA	No	2x2	0.3	1	28	56	0.338
FDA	No	2x2	0.3	1	32	64	0.445
FDA	No	2x2	0.3	1	36	72	0.53
FDA	No	2x2	0.3	1	40	80	0.61
FDA	No	2x2	0.3	1	44	88	0.662
FDA	No	2x2	0.3	1	60	120	0.834
FDA	No	2x2	0.3	1	72	144	0.921
FDA	No	2x2	0.3	1	80	160	0.948
FDA	No	2x2	0.3	1	88	176	0.978
FDA	No	2x2	0.3	1	100	200	0.987
FDA	No	2x2	0.3	1	108	216	0.992
FDA	No	2x2	0.3	1	120	240	0.995
FDA	No	2x2	0.3	1	132	264	0.999
FDA	No	2x2	0.3	1	144	288	0.999
FDA	No	2x2	0.3	1	160	320	0.999
FDA	No	2x2	0.5	1.1	12	24	0.002
FDA	No	2x2	0.5	1.1	24	48	0.008
FDA	No	2x2	0.5	1.1	36	72	0.11
FDA	No	2x2	0.5	1.1	44	88	0.202
FDA	No	2x2	0.5	1.1	56	112	0.298
FDA	No	2x2	0.5	1.1	68	136	0.376
FDA	No	2x2	0.5	1.1	72	144	0.414
FDA	No	2x2	0.5	1.1	76	152	0.437
FDA	No	2x2	0.5	1.1	80	160	0.45
FDA	No	2x2	0.5	1.1	88	176	0.505
FDA	No	2x2	0.5	1.1	96	192	0.525
FDA	No	2x2	0.5	1.1	108	216	0.57
FDA	No	2x2	0.5	1.1	120	240	0.598
FDA	No	2x2	0.5	1.1	132	264	0.653
FDA	No	2x2	0.5	1.1	144	288	0.718
FDA	No	2x2	0.5	1.1	160	320	0.739
FDA	No	3x3	0.3	1	9	27	0.07
FDA	No	3x3	0.3	1	12	36	0.145
FDA	No	3x3	0.3	1	15	45	0.276
FDA	No	3x3	0.3	1	18	54	0.389



FDA	No	3x3	0.3	1	21	63	0.494
FDA	No	3x3	0.3	1	24	72	0.579
FDA	No	3x3	0.3	1	27	81	0.677
FDA	No	3x3	0.3	1	30	90	0.749
FDA	No	3x3	0.3	1	39	117	0.832
FDA	No	3x3	0.3	1	48	144	0.937
FDA	No	3x3	0.3	1	54	162	0.943
FDA	No	3x3	0.3	1	60	180	0.977
FDA	No	3x3	0.3	1	66	198	0.985
FDA	No	3x3	0.3	1	75	225	0.992
FDA	No	3x3	0.3	1	81	243	0.995
FDA	No	3x3	0.3	1	90	270	0.995
FDA	No	3x3	0.3	1	96	288	0.999
FDA	No	3x3	0.3	1	105	315	0.998
FDA	No	3x3	0.5	1.1	9	27	0.091
FDA	No	3x3	0.5	1.1	15	45	0.291
FDA	No	3x3	0.5	1.1	24	72	0.596
FDA	No	3x3	0.5	1.1	30	90	0.687
FDA	No	3x3	0.5	1.1	39	117	0.824
FDA	No	3x3	0.5	1.1	45	135	0.861
FDA	No	3x3	0.5	1.1	48	144	0.876
FDA	No	3x3	0.5	1.1	51	153	0.886
FDA	No	3x3	0.5	1.1	54	162	0.898
FDA	No	3x3	0.5	1.1	57	171	0.907
FDA	No	3x3	0.5	1.1	63	189	0.938
FDA	No	3x3	0.5	1.1	72	216	0.954
FDA	No	3x3	0.5	1.1	81	243	0.958
FDA	No	3x3	0.5	1.1	90	270	0.972
FDA	No	3x3	0.5	1.1	96	288	0.979
FDA	No	3x3	0.5	1.1	105	315	0.976
FDA	No	2x4	0.3	1	6	24	0.041
FDA	No	2x4	0.3	1	8	32	0.058
FDA	No	2x4	0.3	1	12	48	0.15
FDA	No	2x4	0.3	1	14	56	0.234
FDA	No	2x4	0.3	1	16	64	0.308
FDA	No	2x4	0.3	1	18	72	0.399
FDA	No	2x4	0.3	1	20	80	0.471
FDA	No	2x4	0.3	1	22	88	0.557
FDA	No	2x4	0.3	1	30	120	0.764
FDA	No	2x4	0.3	1	36	144	0.855
FDA	No	2x4	0.3	1	40	160	0.89

FDA	No	2x4	0.3	1	44	176	0.93
FDA	No	2x4	0.3	1	50	200	0.949
FDA	No	2x4	0.3	1	54	216	0.965
FDA	No	2x4	0.3	1	60	240	0.982
FDA	No	2x4	0.3	1	66	264	0.992
FDA	No	2x4	0.3	1	72	288	0.993
FDA	No	2x4	0.3	1	80	320	0.996
FDA	No	2x4	0.5	1.1	6	24	0.077
FDA	No	2x4	0.5	1.1	12	48	0.283
FDA	No	2x4	0.5	1.1	18	72	0.531
FDA	No	2x4	0.5	1.1	22	88	0.641
FDA	No	2x4	0.5	1.1	28	112	0.789
FDA	No	2x4	0.5	1.1	34	136	0.851
FDA	No	2x4	0.5	1.1	36	144	0.867
FDA	No	2x4	0.5	1.1	38	152	0.889
FDA	No	2x4	0.5	1.1	40	160	0.896
FDA	No	2x4	0.5	1.1	44	176	0.916
FDA	No	2x4	0.5	1.1	48	192	0.922
FDA	No	2x4	0.5	1.1	54	216	0.946
FDA	No	2x4	0.5	1.1	60	240	0.956
FDA	No	2x4	0.5	1.1	66	264	0.969
FDA	No	2x4	0.5	1.1	72	288	0.978
FDA	No	2x4	0.5	1.1	80	320	0.979
FDA	Yes	2x2	0.3	1	12	24	0.018
FDA	Yes	2x2	0.3	1	16	32	0.044
FDA	Yes	2x2	0.3	1	24	48	0.162
FDA	Yes	2x2	0.3	1	28	56	0.272
FDA	Yes	2x2	0.3	1	32	64	0.44
FDA	Yes	2x2	0.3	1	36	72	0.467
FDA	Yes	2x2	0.3	1	40	80	0.565
FDA	Yes	2x2	0.3	1	44	88	0.65
FDA	Yes	2x2	0.3	1	60	120	0.844
FDA	Yes	2x2	0.3	1	72	144	0.902
FDA	Yes	2x2	0.3	1	80	160	0.947
FDA	Yes	2x2	0.3	1	88	176	0.967
FDA	Yes	2x2	0.3	1	100	200	0.978
FDA	Yes	2x2	0.3	1	108	216	0.978
FDA	Yes	2x2	0.3	1	120	240	0.996
FDA	Yes	2x2	0.3	1	132	264	0.998
FDA	Yes	2x2	0.3	1	144	288	0.999
FDA	Yes	2x2	0.3	1	160	320	0.996

FDA	Yes	2x2	0.5	1.1	12	24	0.002
FDA	Yes	2x2	0.5	1.1	24	48	0.014
FDA	Yes	2x2	0.5	1.1	36	72	0.076
FDA	Yes	2x2	0.5	1.1	44	88	0.18
FDA	Yes	2x2	0.5	1.1	56	112	0.279
FDA	Yes	2x2	0.5	1.1	68	136	0.347
FDA	Yes	2x2	0.5	1.1	72	144	0.407
FDA	Yes	2x2	0.5	1.1	76	152	0.414
FDA	Yes	2x2	0.5	1.1	80	160	0.44
FDA	Yes	2x2	0.5	1.1	88	176	0.463
FDA	Yes	2x2	0.5	1.1	96	192	0.482
FDA	Yes	2x2	0.5	1.1	108	216	0.57
FDA	Yes	2x2	0.5	1.1	120	240	0.6
FDA	Yes	2x2	0.5	1.1	132	264	0.659
FDA	Yes	2x2	0.5	1.1	144	288	0.694
FDA	Yes	2x2	0.5	1.1	160	320	0.712
FDA	Yes	3x3	0.3	1	9	27	0.07
FDA	Yes	3x3	0.3	1	12	36	0.145
FDA	Yes	3x3	0.3	1	15	45	0.19
FDA	Yes	3x3	0.3	1	18	54	0.304
FDA	Yes	3x3	0.3	1	21	63	0.403
FDA	Yes	3x3	0.3	1	24	72	0.5
FDA	Yes	3x3	0.3	1	27	81	0.652
FDA	Yes	3x3	0.3	1	30	90	0.705
FDA	Yes	3x3	0.3	1	39	117	0.834
FDA	Yes	3x3	0.3	1	48	144	0.933
FDA	Yes	3x3	0.3	1	54	162	0.938
FDA	Yes	3x3	0.3	1	60	180	0.962
FDA	Yes	3x3	0.3	1	66	198	0.965
FDA	Yes	3x3	0.3	1	75	225	0.99
FDA	Yes	3x3	0.3	1	81	243	0.993
FDA	Yes	3x3	0.3	1	90	270	0.995
FDA	Yes	3x3	0.3	1	96	288	0.996
FDA	Yes	3x3	0.3	1	105	315	1
FDA	Yes	3x3	0.5	1.1	9	27	0.091
FDA	Yes	3x3	0.5	1.1	15	45	0.229
FDA	Yes	3x3	0.5	1.1	24	72	0.547
FDA	Yes	3x3	0.5	1.1	30	90	0.656
FDA	Yes	3x3	0.5	1.1	39	117	0.809
FDA	Yes	3x3	0.5	1.1	45	135	0.835
FDA	Yes	3x3	0.5	1.1	48	144	0.86

FDA	Yes	3x3	0.5	1.1	51	153	0.865
FDA	Yes	3x3	0.5	1.1	54	162	0.892
FDA	Yes	3x3	0.5	1.1	57	171	0.885
FDA	Yes	3x3	0.5	1.1	63	189	0.937
FDA	Yes	3x3	0.5	1.1	72	216	0.941
FDA	Yes	3x3	0.5	1.1	81	243	0.948
FDA	Yes	3x3	0.5	1.1	90	270	0.96
FDA	Yes	3x3	0.5	1.1	96	288	0.964
FDA	Yes	3x3	0.5	1.1	105	315	0.977
FDA	Yes	2x4	0.3	1	6	24	0.041
FDA	Yes	2x4	0.3	1	8	32	0.058
FDA	Yes	2x4	0.3	1	12	48	0.131
FDA	Yes	2x4	0.3	1	14	56	0.16
FDA	Yes	2x4	0.3	1	16	64	0.288
FDA	Yes	2x4	0.3	1	18	72	0.347
FDA	Yes	2x4	0.3	1	20	80	0.4
FDA	Yes	2x4	0.3	1	22	88	0.508
FDA	Yes	2x4	0.3	1	30	120	0.73
FDA	Yes	2x4	0.3	1	36	144	0.804
FDA	Yes	2x4	0.3	1	40	160	0.855
FDA	Yes	2x4	0.3	1	44	176	0.902
FDA	Yes	2x4	0.3	1	50	200	0.939
FDA	Yes	2x4	0.3	1	54	216	0.951
FDA	Yes	2x4	0.3	1	60	240	0.97
FDA	Yes	2x4	0.3	1	66	264	0.986
FDA	Yes	2x4	0.3	1	72	288	0.992
FDA	Yes	2x4	0.3	1	80	320	0.997
FDA	Yes	2x4	0.5	1.1	6	24	0.077
FDA	Yes	2x4	0.5	1.1	12	48	0.239
FDA	Yes	2x4	0.5	1.1	18	72	0.445
FDA	Yes	2x4	0.5	1.1	22	88	0.578
FDA	Yes	2x4	0.5	1.1	28	112	0.686
FDA	Yes	2x4	0.5	1.1	34	136	0.791
FDA	Yes	2x4	0.5	1.1	36	144	0.844
FDA	Yes	2x4	0.5	1.1	38	152	0.847
FDA	Yes	2x4	0.5	1.1	40	160	0.854
FDA	Yes	2x4	0.5	1.1	44	176	0.884
FDA	Yes	2x4	0.5	1.1	48	192	0.907
FDA	Yes	2x4	0.5	1.1	54	216	0.915
FDA	Yes	2x4	0.5	1.1	60	240	0.944
FDA	Yes	2x4	0.5	1.1	66	264	0.945

FDA	Yes	2x4	0.5	1.1	72	288	0.949
FDA	Yes	2x4	0.5	1.1	80	320	0.976

**Table S7.** Comparison of power between simulations with and without errors: The simulation results are summarized in Figure S3 and Figure S4.

Agency	Error	Design	CV	GMR	Total number of subject	Total number of hospitalization (N)	Power
EMA	Yes	2x2	0.3	1	12	24	0.018
EMA	Yes	2x2	0.3	1	16	32	0.044
EMA	Yes	2x2	0.3	1	24	48	0.228
EMA	Yes	2x2	0.3	1	28	56	0.338
EMA	Yes	2x2	0.3	1	32	64	0.445
EMA	Yes	2x2	0.3	1	36	72	0.53
EMA	Yes	2x2	0.3	1	40	80	0.61
EMA	Yes	2x2	0.3	1	44	88	0.662
EMA	Yes	2x2	0.3	1	60	120	0.834
EMA	Yes	2x2	0.3	1	72	144	0.921
EMA	Yes	2x2	0.3	1	80	160	0.948
EMA	Yes	2x2	0.3	1	88	176	0.978
EMA	Yes	2x2	0.3	1	100	200	0.987
EMA	Yes	2x2	0.3	1	108	216	0.992
EMA	Yes	2x2	0.3	1	120	240	0.995
EMA	Yes	2x2	0.3	1	132	264	0.999
EMA	Yes	2x2	0.3	1	144	288	0.999
EMA	Yes	2x2	0.3	1	160	320	0.999
EMA	Yes	2x2	0.4	1	12	24	0.007
EMA	Yes	2x2	0.4	1	24	48	0.07
EMA	Yes	2x2	0.4	1	36	72	0.29
EMA	Yes	2x2	0.4	1	40	80	0.385
EMA	Yes	2x2	0.4	1	48	96	0.521
EMA	Yes	2x2	0.4	1	56	112	0.65
EMA	Yes	2x2	0.4	1	64	128	0.737
EMA	Yes	2x2	0.4	1	68	136	0.787
EMA	Yes	2x2	0.4	1	76	152	0.809
EMA	Yes	2x2	0.4	1	84	168	0.866
EMA	Yes	2x2	0.4	1	96	192	0.924
EMA	Yes	2x2	0.4	1	108	216	0.944
EMA	Yes	2x2	0.4	1	120	240	0.971
EMA	Yes	2x2	0.4	1	132	264	0.978
EMA	Yes	2x2	0.4	1	144	288	0.985
EMA	Yes	2x2	0.4	1	160	320	0.994
EMA	Yes	3x3	0.3	1	9	27	0.018
EMA	Yes	3x3	0.3	1	12	36	0.089
EMA	Yes	3x3	0.3	1	15	45	0.206

EMA	Yes	3x3	0.3	1	18	54	0.321
EMA	Yes	3x3	0.3	1	21	63	0.43
EMA	Yes	3x3	0.3	1	24	72	0.507
EMA	Yes	3x3	0.3	1	27	81	0.628
EMA	Yes	3x3	0.3	1	30	90	0.689
EMA	Yes	3x3	0.3	1	39	117	0.785
EMA	Yes	3x3	0.3	1	48	144	0.912
EMA	Yes	3x3	0.3	1	54	162	0.926
EMA	Yes	3x3	0.3	1	60	180	0.966
EMA	Yes	3x3	0.3	1	66	198	0.977
EMA	Yes	3x3	0.3	1	75	225	0.989
EMA	Yes	3x3	0.3	1	81	243	0.994
EMA	Yes	3x3	0.3	1	90	270	0.995
EMA	Yes	3x3	0.3	1	96	288	0.998
EMA	Yes	3x3	0.3	1	105	315	0.997
EMA	Yes	3x3	0.4	1	9	27	0.007
EMA	Yes	3x3	0.4	1	15	45	0.055
EMA	Yes	3x3	0.4	1	24	72	0.364
EMA	Yes	3x3	0.4	1	27	81	0.431
EMA	Yes	3x3	0.4	1	33	99	0.586
EMA	Yes	3x3	0.4	1	39	117	0.714
EMA	Yes	3x3	0.4	1	42	126	0.756
EMA	Yes	3x3	0.4	1	45	135	0.793
EMA	Yes	3x3	0.4	1	51	153	0.825
EMA	Yes	3x3	0.4	1	54	162	0.877
EMA	Yes	3x3	0.4	1	63	189	0.929
EMA	Yes	3x3	0.4	1	72	216	0.961
EMA	Yes	3x3	0.4	1	81	243	0.979
EMA	Yes	3x3	0.4	1	90	270	0.989
EMA	Yes	3x3	0.4	1	96	288	0.992
EMA	Yes	3x3	0.4	1	105	315	0.996
EMA	Yes	2x4	0.3	1	6	24	0.024
EMA	Yes	2x4	0.3	1	8	32	0.081
EMA	Yes	2x4	0.3	1	12	48	0.263
EMA	Yes	2x4	0.3	1	14	56	0.402
EMA	Yes	2x4	0.3	1	16	64	0.473
EMA	Yes	2x4	0.3	1	18	72	0.554
EMA	Yes	2x4	0.3	1	20	80	0.64
EMA	Yes	2x4	0.3	1	22	88	0.684
EMA	Yes	2x4	0.3	1	30	120	0.833
EMA	Yes	2x4	0.3	1	36	144	0.902

EMA	Yes	2x4	0.3	1	40	160	0.939
EMA	Yes	2x4	0.3	1	44	176	0.964
EMA	Yes	2x4	0.3	1	50	200	0.977
EMA	Yes	2x4	0.3	1	54	216	0.988
EMA	Yes	2x4	0.3	1	60	240	0.987
EMA	Yes	2x4	0.3	1	66	264	0.999
EMA	Yes	2x4	0.3	1	72	288	0.998
EMA	Yes	2x4	0.3	1	80	320	0.999
EMA	Yes	2x4	0.4	1	6	24	0.002
EMA	Yes	2x4	0.4	1	12	48	0.141
EMA	Yes	2x4	0.4	1	18	72	0.403
EMA	Yes	2x4	0.4	1	20	80	0.483
EMA	Yes	2x4	0.4	1	24	96	0.613
EMA	Yes	2x4	0.4	1	28	112	0.694
EMA	Yes	2x4	0.4	1	32	128	0.78
EMA	Yes	2x4	0.4	1	34	136	0.82
EMA	Yes	2x4	0.4	1	38	152	0.858
EMA	Yes	2x4	0.4	1	42	168	0.888
EMA	Yes	2x4	0.4	1	48	192	0.943
EMA	Yes	2x4	0.4	1	54	216	0.966
EMA	Yes	2x4	0.4	1	60	240	0.981
EMA	Yes	2x4	0.4	1	66	264	0.988
EMA	Yes	2x4	0.4	1	72	288	0.993
EMA	Yes	2x4	0.4	1	80	320	0.996
EMA	No	2x2	0.3	1	12	24	0.028
EMA	No	2x2	0.3	1	16	32	0.067
EMA	No	2x2	0.3	1	24	48	0.259
EMA	No	2x2	0.3	1	28	56	0.383
EMA	No	2x2	0.3	1	32	64	0.498
EMA	No	2x2	0.3	1	36	72	0.58
EMA	No	2x2	0.3	1	40	80	0.641
EMA	No	2x2	0.3	1	44	88	0.693
EMA	No	2x2	0.3	1	60	120	0.876
EMA	No	2x2	0.3	1	72	144	0.935
EMA	No	2x2	0.3	1	80	160	0.955
EMA	No	2x2	0.3	1	88	176	0.982
EMA	No	2x2	0.3	1	100	200	0.986
EMA	No	2x2	0.3	1	108	216	0.994
EMA	No	2x2	0.3	1	120	240	0.997
EMA	No	2x2	0.3	1	132	264	0.999
EMA	No	2x2	0.3	1	144	288	0.999



EMA	No	2x2	0.3	1	160	320	1
EMA	No	2x2	0.4	1	12	24	0.01
EMA	No	2x2	0.4	1	24	48	0.087
EMA	No	2x2	0.4	1	36	72	0.317
EMA	No	2x2	0.4	1	40	80	0.396
EMA	No	2x2	0.4	1	48	96	0.558
EMA	No	2x2	0.4	1	56	112	0.666
EMA	No	2x2	0.4	1	64	128	0.751
EMA	No	2x2	0.4	1	68	136	0.804
EMA	No	2x2	0.4	1	76	152	0.828
EMA	No	2x2	0.4	1	84	168	0.893
EMA	No	2x2	0.4	1	96	192	0.938
EMA	No	2x2	0.4	1	108	216	0.95
EMA	No	2x2	0.4	1	120	240	0.975
EMA	No	2x2	0.4	1	132	264	0.984
EMA	No	2x2	0.4	1	144	288	0.987
EMA	No	2x2	0.4	1	160	320	0.995
EMA	No	3x3	0.3	1	9	27	0.037
EMA	No	3x3	0.3	1	12	36	0.109
EMA	No	3x3	0.3	1	15	45	0.235
EMA	No	3x3	0.3	1	18	54	0.348
EMA	No	3x3	0.3	1	21	63	0.443
EMA	No	3x3	0.3	1	24	72	0.518
EMA	No	3x3	0.3	1	27	81	0.648
EMA	No	3x3	0.3	1	30	90	0.713
EMA	No	3x3	0.3	1	39	117	0.817
EMA	No	3x3	0.3	1	48	144	0.926
EMA	No	3x3	0.3	1	54	162	0.938
EMA	No	3x3	0.3	1	60	180	0.962
EMA	No	3x3	0.3	1	66	198	0.975
EMA	No	3x3	0.3	1	75	225	0.992
EMA	No	3x3	0.3	1	81	243	0.992
EMA	No	3x3	0.3	1	90	270	0.995
EMA	No	3x3	0.3	1	96	288	0.997
EMA	No	3x3	0.3	1	105	315	0.994
EMA	No	3x3	0.4	1	9	27	0.006
EMA	No	3x3	0.4	1	15	45	0.082
EMA	No	3x3	0.4	1	24	72	0.352
EMA	No	3x3	0.4	1	27	81	0.465
EMA	No	3x3	0.4	1	33	99	0.597
EMA	No	3x3	0.4	1	39	117	0.732

EMA	No	3x3	0.4	1	42	126	0.766
EMA	No	3x3	0.4	1	45	135	0.813
EMA	No	3x3	0.4	1	51	153	0.832
EMA	No	3x3	0.4	1	54	162	0.879
EMA	No	3x3	0.4	1	63	189	0.928
EMA	No	3x3	0.4	1	72	216	0.956
EMA	No	3x3	0.4	1	81	243	0.979
EMA	No	3x3	0.4	1	90	270	0.987
EMA	No	3x3	0.4	1	96	288	0.994
EMA	No	3x3	0.4	1	105	315	0.997
EMA	No	2x4	0.3	1	6	24	0.032
EMA	No	2x4	0.3	1	8	32	0.081
EMA	No	2x4	0.3	1	12	48	0.288
EMA	No	2x4	0.3	1	14	56	0.432
EMA	No	2x4	0.3	1	16	64	0.51
EMA	No	2x4	0.3	1	18	72	0.592
EMA	No	2x4	0.3	1	20	80	0.638
EMA	No	2x4	0.3	1	22	88	0.7
EMA	No	2x4	0.3	1	30	120	0.833
EMA	No	2x4	0.3	1	36	144	0.909
EMA	No	2x4	0.3	1	40	160	0.947
EMA	No	2x4	0.3	1	44	176	0.963
EMA	No	2x4	0.3	1	50	200	0.98
EMA	No	2x4	0.3	1	54	216	0.986
EMA	No	2x4	0.3	1	60	240	0.991
EMA	No	2x4	0.3	1	66	264	0.998
EMA	No	2x4	0.3	1	72	288	0.997
EMA	No	2x4	0.3	1	80	320	0.999
EMA	No	2x4	0.4	1	6	24	0.002
EMA	No	2x4	0.4	1	12	48	0.152
EMA	No	2x4	0.4	1	18	72	0.435
EMA	No	2x4	0.4	1	20	80	0.5
EMA	No	2x4	0.4	1	24	96	0.635
EMA	No	2x4	0.4	1	28	112	0.706
EMA	No	2x4	0.4	1	32	128	0.781
EMA	No	2x4	0.4	1	34	136	0.837
EMA	No	2x4	0.4	1	38	152	0.863
EMA	No	2x4	0.4	1	42	168	0.89
EMA	No	2x4	0.4	1	48	192	0.959
EMA	No	2x4	0.4	1	54	216	0.968
EMA	No	2x4	0.4	1	60	240	0.979

EMA	No	2x4	0.4	1	66	264	0.987
EMA	No	2x4	0.4	1	72	288	0.996
EMA	No	2x4	0.4	1	80	320	0.993
FDA	Yes	2x2	0.3	1	12	24	0.018
FDA	Yes	2x2	0.3	1	16	32	0.044
FDA	Yes	2x2	0.3	1	24	48	0.228
FDA	Yes	2x2	0.3	1	28	56	0.338
FDA	Yes	2x2	0.3	1	32	64	0.445
FDA	Yes	2x2	0.3	1	36	72	0.53
FDA	Yes	2x2	0.3	1	40	80	0.61
FDA	Yes	2x2	0.3	1	44	88	0.662
FDA	Yes	2x2	0.3	1	60	120	0.834
FDA	Yes	2x2	0.3	1	72	144	0.921
FDA	Yes	2x2	0.3	1	80	160	0.948
FDA	Yes	2x2	0.3	1	88	176	0.978
FDA	Yes	2x2	0.3	1	100	200	0.987
FDA	Yes	2x2	0.3	1	108	216	0.992
FDA	Yes	2x2	0.3	1	120	240	0.995
FDA	Yes	2x2	0.3	1	132	264	0.999
FDA	Yes	2x2	0.3	1	144	288	0.999
FDA	Yes	2x2	0.3	1	160	320	0.999
FDA	Yes	2x2	0.4	1	12	24	0.007
FDA	Yes	2x2	0.4	1	24	48	0.07
FDA	Yes	2x2	0.4	1	36	72	0.29
FDA	Yes	2x2	0.4	1	40	80	0.385
FDA	Yes	2x2	0.4	1	48	96	0.521
FDA	Yes	2x2	0.4	1	56	112	0.65
FDA	Yes	2x2	0.4	1	64	128	0.737
FDA	Yes	2x2	0.4	1	68	136	0.787
FDA	Yes	2x2	0.4	1	76	152	0.809
FDA	Yes	2x2	0.4	1	84	168	0.866
FDA	Yes	2x2	0.4	1	96	192	0.924
FDA	Yes	2x2	0.4	1	108	216	0.944
FDA	Yes	2x2	0.4	1	120	240	0.971
FDA	Yes	2x2	0.4	1	132	264	0.978
FDA	Yes	2x2	0.4	1	144	288	0.985
FDA	Yes	2x2	0.4	1	160	320	0.994
FDA	Yes	3x3	0.3	1	9	27	0.07
FDA	Yes	3x3	0.3	1	12	36	0.145
FDA	Yes	3x3	0.3	1	15	45	0.276
FDA	Yes	3x3	0.3	1	18	54	0.389

FDA	Yes	3x3	0.3	1	21	63	0.494
FDA	Yes	3x3	0.3	1	24	72	0.579
FDA	Yes	3x3	0.3	1	27	81	0.677
FDA	Yes	3x3	0.3	1	30	90	0.749
FDA	Yes	3x3	0.3	1	39	117	0.832
FDA	Yes	3x3	0.3	1	48	144	0.937
FDA	Yes	3x3	0.3	1	54	162	0.943
FDA	Yes	3x3	0.3	1	60	180	0.977
FDA	Yes	3x3	0.3	1	66	198	0.985
FDA	Yes	3x3	0.3	1	75	225	0.992
FDA	Yes	3x3	0.3	1	81	243	0.995
FDA	Yes	3x3	0.3	1	90	270	0.995
FDA	Yes	3x3	0.3	1	96	288	0.999
FDA	Yes	3x3	0.3	1	105	315	0.998
FDA	Yes	3x3	0.4	1	9	27	0.094
FDA	Yes	3x3	0.4	1	15	45	0.265
FDA	Yes	3x3	0.4	1	24	72	0.605
FDA	Yes	3x3	0.4	1	27	81	0.708
FDA	Yes	3x3	0.4	1	33	99	0.816
FDA	Yes	3x3	0.4	1	39	117	0.902
FDA	Yes	3x3	0.4	1	42	126	0.92
FDA	Yes	3x3	0.4	1	45	135	0.949
FDA	Yes	3x3	0.4	1	51	153	0.951
FDA	Yes	3x3	0.4	1	54	162	0.97
FDA	Yes	3x3	0.4	1	63	189	0.996
FDA	Yes	3x3	0.4	1	72	216	0.996
FDA	Yes	3x3	0.4	1	81	243	0.999
FDA	Yes	3x3	0.4	1	90	270	1
FDA	Yes	3x3	0.4	1	96	288	1
FDA	Yes	3x3	0.4	1	105	315	1
FDA	Yes	2x4	0.3	1	6	24	0.041
FDA	Yes	2x4	0.3	1	8	32	0.058
FDA	Yes	2x4	0.3	1	12	48	0.15
FDA	Yes	2x4	0.3	1	14	56	0.234
FDA	Yes	2x4	0.3	1	16	64	0.308
FDA	Yes	2x4	0.3	1	18	72	0.399
FDA	Yes	2x4	0.3	1	20	80	0.471
FDA	Yes	2x4	0.3	1	22	88	0.557
FDA	Yes	2x4	0.3	1	30	120	0.764
FDA	Yes	2x4	0.3	1	36	144	0.855
FDA	Yes	2x4	0.3	1	40	160	0.89

FDA	Yes	2x4	0.3	1	44	176	0.93
FDA	Yes	2x4	0.3	1	50	200	0.949
FDA	Yes	2x4	0.3	1	54	216	0.965
FDA	Yes	2x4	0.3	1	60	240	0.982
FDA	Yes	2x4	0.3	1	66	264	0.992
FDA	Yes	2x4	0.3	1	72	288	0.993
FDA	Yes	2x4	0.3	1	80	320	0.996
FDA	Yes	2x4	0.4	1	6	24	0.058
FDA	Yes	2x4	0.4	1	12	48	0.265
FDA	Yes	2x4	0.4	1	18	72	0.557
FDA	Yes	2x4	0.4	1	20	80	0.638
FDA	Yes	2x4	0.4	1	24	96	0.75
FDA	Yes	2x4	0.4	1	28	112	0.827
FDA	Yes	2x4	0.4	1	32	128	0.871
FDA	Yes	2x4	0.4	1	34	136	0.909
FDA	Yes	2x4	0.4	1	38	152	0.944
FDA	Yes	2x4	0.4	1	42	168	0.966
FDA	Yes	2x4	0.4	1	48	192	0.986
FDA	Yes	2x4	0.4	1	54	216	0.989
FDA	Yes	2x4	0.4	1	60	240	0.998
FDA	Yes	2x4	0.4	1	66	264	1
FDA	Yes	2x4	0.4	1	72	288	1
FDA	Yes	2x4	0.4	1	80	320	1
FDA	No	2x2	0.3	1	12	24	0.028
FDA	No	2x2	0.3	1	16	32	0.067
FDA	No	2x2	0.3	1	24	48	0.259
FDA	No	2x2	0.3	1	28	56	0.383
FDA	No	2x2	0.3	1	32	64	0.498
FDA	No	2x2	0.3	1	36	72	0.58
FDA	No	2x2	0.3	1	40	80	0.641
FDA	No	2x2	0.3	1	44	88	0.693
FDA	No	2x2	0.3	1	60	120	0.876
FDA	No	2x2	0.3	1	72	144	0.935
FDA	No	2x2	0.3	1	80	160	0.955
FDA	No	2x2	0.3	1	88	176	0.982
FDA	No	2x2	0.3	1	100	200	0.986
FDA	No	2x2	0.3	1	108	216	0.994
FDA	No	2x2	0.3	1	120	240	0.997
FDA	No	2x2	0.3	1	132	264	0.999
FDA	No	2x2	0.3	1	144	288	0.999
FDA	No	2x2	0.3	1	160	320	1

FDA	No	2x2	0.4	1	12	24	0.01
FDA	No	2x2	0.4	1	24	48	0.087
FDA	No	2x2	0.4	1	36	72	0.317
FDA	No	2x2	0.4	1	40	80	0.396
FDA	No	2x2	0.4	1	48	96	0.558
FDA	No	2x2	0.4	1	56	112	0.666
FDA	No	2x2	0.4	1	64	128	0.751
FDA	No	2x2	0.4	1	68	136	0.804
FDA	No	2x2	0.4	1	76	152	0.828
FDA	No	2x2	0.4	1	84	168	0.893
FDA	No	2x2	0.4	1	96	192	0.938
FDA	No	2x2	0.4	1	108	216	0.95
FDA	No	2x2	0.4	1	120	240	0.975
FDA	No	2x2	0.4	1	132	264	0.984
FDA	No	2x2	0.4	1	144	288	0.987
FDA	No	2x2	0.4	1	160	320	0.995
FDA	No	3x3	0.3	1	9	27	0.082
FDA	No	3x3	0.3	1	12	36	0.16
FDA	No	3x3	0.3	1	15	45	0.284
FDA	No	3x3	0.3	1	18	54	0.395
FDA	No	3x3	0.3	1	21	63	0.5
FDA	No	3x3	0.3	1	24	72	0.563
FDA	No	3x3	0.3	1	27	81	0.681
FDA	No	3x3	0.3	1	30	90	0.745
FDA	No	3x3	0.3	1	39	117	0.845
FDA	No	3x3	0.3	1	48	144	0.938
FDA	No	3x3	0.3	1	54	162	0.948
FDA	No	3x3	0.3	1	60	180	0.969
FDA	No	3x3	0.3	1	66	198	0.981
FDA	No	3x3	0.3	1	75	225	0.995
FDA	No	3x3	0.3	1	81	243	0.995
FDA	No	3x3	0.3	1	90	270	0.996
FDA	No	3x3	0.3	1	96	288	0.998
FDA	No	3x3	0.3	1	105	315	0.996
FDA	No	3x3	0.4	1	9	27	0.096
FDA	No	3x3	0.4	1	15	45	0.278
FDA	No	3x3	0.4	1	24	72	0.598
FDA	No	3x3	0.4	1	27	81	0.72
FDA	No	3x3	0.4	1	33	99	0.808
FDA	No	3x3	0.4	1	39	117	0.904
FDA	No	3x3	0.4	1	42	126	0.925

FDA	No	3x3	0.4	1	45	135	0.946
FDA	No	3x3	0.4	1	51	153	0.952
FDA	No	3x3	0.4	1	54	162	0.976
FDA	No	3x3	0.4	1	63	189	0.992
FDA	No	3x3	0.4	1	72	216	0.997
FDA	No	3x3	0.4	1	81	243	0.998
FDA	No	3x3	0.4	1	90	270	1
FDA	No	3x3	0.4	1	96	288	0.999
FDA	No	3x3	0.4	1	105	315	0.999
FDA	No	2x4	0.3	1	6	24	0.035
FDA	No	2x4	0.3	1	8	32	0.057
FDA	No	2x4	0.3	1	12	48	0.163
FDA	No	2x4	0.3	1	14	56	0.231
FDA	No	2x4	0.3	1	16	64	0.316
FDA	No	2x4	0.3	1	18	72	0.397
FDA	No	2x4	0.3	1	20	80	0.458
FDA	No	2x4	0.3	1	22	88	0.546
FDA	No	2x4	0.3	1	30	120	0.745
FDA	No	2x4	0.3	1	36	144	0.847
FDA	No	2x4	0.3	1	40	160	0.887
FDA	No	2x4	0.3	1	44	176	0.924
FDA	No	2x4	0.3	1	50	200	0.949
FDA	No	2x4	0.3	1	54	216	0.962
FDA	No	2x4	0.3	1	60	240	0.979
FDA	No	2x4	0.3	1	66	264	0.991
FDA	No	2x4	0.3	1	72	288	0.993
FDA	No	2x4	0.3	1	80	320	0.997
FDA	No	2x4	0.4	1	6	24	0.047
FDA	No	2x4	0.4	1	12	48	0.266
FDA	No	2x4	0.4	1	18	72	0.558
FDA	No	2x4	0.4	1	20	80	0.627
FDA	No	2x4	0.4	1	24	96	0.74
FDA	No	2x4	0.4	1	28	112	0.795
FDA	No	2x4	0.4	1	32	128	0.86
FDA	No	2x4	0.4	1	34	136	0.91
FDA	No	2x4	0.4	1	38	152	0.938
FDA	No	2x4	0.4	1	42	168	0.96
FDA	No	2x4	0.4	1	48	192	0.989
FDA	No	2x4	0.4	1	54	216	0.989
FDA	No	2x4	0.4	1	60	240	0.997
FDA	No	2x4	0.4	1	66	264	0.999

FDA	No	2x4	0.4	1	72	288	1
FDA	No	2x4	0.4	1	80	320	1