Scenario 3 Validation Results: Two-Sample t-Test for Various Sample Sizes

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1 Study Design

Scenario 3 emulates a balanced, two-sample study design. We devise a two-sample t-test comparing the difference in mean responses between the two samples. Since this example considers only a single repeated measurement, only conditional linear missing data processes are considered.

1.1 Linear Mixed Model Inputs

1.1.1 Type I Error Rates (α)

0.0100

1.1.2 Beta Scale Values (δ_β)

0.0000, 0.0500, 0.1000, 0.1500, 0.2000, 0.2500, 0.3000, 0.3500, 0.4000, 0.4500, 0.5000, 0.5500, 0.6000, 0.6500, 0.7000

1.1.3 Sigma Scale Values (δ_σ)

1.0000

1.1.4 Planned Sample Sizes (N)

6, 12, 18, 24, 30, 36

1.1.5 Matrix Inputs

$$Es(\mathbf{X}_M) = \begin{bmatrix} 1.0000 & 0.0000 \\ 0.0000 & 1.0000 \end{bmatrix}$$

$$\boldsymbol{\beta} = \begin{bmatrix} 0.0000 \\ 1.0000 \end{bmatrix}$$

$$\mathbf{L} = \begin{bmatrix} 1.0000 & -1.0000 \end{bmatrix}$$

$$\boldsymbol{\theta}_0 = \begin{bmatrix} 0.0000 \end{bmatrix}$$

$$\boldsymbol{\Sigma}_M = \begin{bmatrix} 1.0000 \end{bmatrix}$$

2 Conditional Linear Missing Data Models

Pattern Index	π
1	0.0000
2	0.1000
3	0.2000

3 Validation Results

3.1 Summary Statistics

Maximum Deviation from the Complete Case Scenarios	0.0394
Maximum Deviation from the Observed Case Scenarios	NA

3.2 Full Validation Results

3.2.1 Complete Case Analysis

Missing Process	Pattern Index	δ_σ	δ_β	N	$\mathcal{E}(N_c)$	Analytical Power	Empirical Power	Absolute Deviation	Iterations	Converged
CLP	1	1	0	6	6	0.01	0.009	0.001	10000	10000
CLP	2	1	0	6	5.4	0.01	0.009	0.001	9979	9974
CLP	3	1	0	6	4.8	0.01	0.0086	0.0014	9825	9739
CLP	1	1	0.05	6	6	0.011	0.0115	5e-04	10000	10000
CLP	2	1	0.05	6	5.4	0.0107	0.0108	1e-04	9986	9979
CLP	3	1	0.05	6	4.8	0.0105	0.0114	9e-04	9841	9756
CLP	1	1	0.1	6	6	0.0139	0.0149	0.001	10000	10000
CLP	2	1	0.1	6	5.4	0.0129	0.0129	0	9980	9971
CLP	3	1	0.1	6	4.8	0.0121	0.0116	5e-04	9840	9756
CLP	1	1	0.15	6	6	0.019	0.0183	7e-04	10000	10000
CLP	2	1	0.15	6	5.4	0.0167	0.0172	4e-04	9976	9969
CLP	3	1	0.15	6	4.8	0.0147	0.0186	0.0039	9853	9775
CLP	1	1	0.2	6	6	0.0266	0.0272	6e-04	10000	10000
CLP	2	1	0.2	6	5.4	0.0222	0.0239	0.0017	9981	9968
CLP	3	1	0.2	6	4.8	0.0184	0.0218	0.0034	9827	9739
CLP	1	1	0.25	6	6	0.0369	0.0356	0.0013	10000	10000
CLP	2	1	0.25	6	5.4	0.0296	0.0302	6e-04	9975	9968
CLP	3	1	0.25	6	4.8	0.0233	0.0284	0.0051	9870	9789
CLP	1	1	0.3	6	6	0.0505	0.0496	9e-04	10000	10000
CLP	2	1	0.3	6	5.4	0.039	0.0391	1e-04	9985	9971
CLP	3	1	0.3	6	4.8	0.0295	0.0345	0.005	9830	9733
CLP	1	1	0.35	6	6	0.0676	0.0676	0	10000	10000
CLP	2	1	0.35	6	5.4	0.0508	0.0574	0.0066	9975	9963
CLP	3	1	0.35	6	4.8	0.037	0.0424	0.0054	9857	9769
CLP	1	1	0.4	6	6	0.0885	0.0865	0.002	10000	10000
CLP	2	1	0.4	6	5.4	0.065	0.0667	0.0017	9983	9976
CLP	3	1	0.4	6	4.8	0.0458	0.0578	0.0119	9857	9766
CLP	1	1	0.45	6	6	0.1136	0.1189	0.0053	10000	10000
CLP	2	1	0.45	6	5.4	0.0818	0.0861	0.0043	9984	9979
CLP	3	1	0.45	6	4.8	0.0562	0.0681	0.0119	9851	9754
CLP	1	1	0.5	6	6	0.1429	0.1421	8e-04	10000	10000
CLP	2	1	0.5	6	5.4	0.1013	0.1105	0.0091	9975	9968
CLP	3	1	0.5	6	4.8	0.068	0.0896	0.0216	9845	9743
CLP	1	1	0.55	6	6	0.1764	0.1761	3e-04	10000	10000
CLP	2	1	0.55	6	5.4	0.1236	0.1333	0.0096	9977	9972

CLP	3	1	0.55	6	4.8	0.0814	0.1038	0.0224	9819	9731
CLP	1	1	0.6	6	6	0.214	0.2133	7e-04	10000	10000
CLP	2	1	0.6	6	5.4	0.1487	0.1656	0.0169	9970	9968
CLP	3	1	0.6	6	4.8	0.0963	0.1209	0.0246	9837	9760
CLP	1	1	0.65	6	6	0.2551	0.2527	0.0024	10000	10000
CLP	2	1	0.65	6	5.4	0.1765	0.1916	0.0151	9980	9975
CLP	3	1	0.65	6	4.8	0.1128	0.1391	0.0263	9825	9741
CLP	1	1	0.7	6	6	0.2995	0.3058	0.0063	10000	10000
CLP	2	1	0.7	6	5.4	0.2068	0.2357	0.0289	9974	9968
CLP	3	1	0.7	6	4.8	0.1308	0.1702	0.0394	9866	9776
CLP	1	1	0	12	12	0.01	0.0088	0.0012	10000	10000
CLP	2	1	0	12	10.8	0.01	0.0083	0.0017	10000	10000
CLP	3	1	0	12	9.6	0.01	0.01	0	10000	10000
CLP	1	1	0.05	12	12	0.013	0.0134	4e-04	10000	10000
CLP	2	1	0.05	12	10.8	0.0126	0.0138	0.0012	10000	10000
CLP	3	1	0.05	12	9.6	0.0121	0.0134	0.0013	9998	9998
CLP	1	1	0.1	12	12	0.0229	0.023	1e-04	10000	10000
CLP	2	1	0.1	12	10.8	0.0208	0.0231	0.0023	10000	10000
CLP	3	1	0.1	12	9.6	0.0187	0.0187	0	10000	10000
CLP	1	1	0.15	12	12	0.042	0.0415	5e-04	10000	10000
CLP	2	1	0.15	12	10.8	0.0362	0.0379	0.0017	10000	10000
CLP	3	1	0.15	12	9.6	0.0308	0.0309	1e-04	10000	10000
CLP	1	1	0.2	12	12	0.0732	0.0778	0.0046	10000	10000
CLP	2	1	0.2	12	10.8	0.0613	0.0655	0.0042	10000	10000
CLP	3	1	0.2	12	9.6	0.0501	0.0515	0.0014	10000	10000
CLP	1	1	0.25	12	12	0.12	0.1226	0.0026	10000	10000
CLP	2	1	0.25	12	10.8	0.0984	0.0963	0.0021	10000	10000
CLP	3	1	0.25	12	9.6	0.0784	0.0832	0.0048	9998	9998
CLP	1	1	0.3	12	12	0.1844	0.1798	0.0046	10000	10000
CLP	2	1	0.3	12	10.8	0.1496	0.1494	2e-04	10000	10000
CLP	3	1	0.3	12	9.6	0.1172	0.1135	0.0037	10000	10000
CLP	1	1	0.35	12	12	0.2665	0.2579	0.0086	10000	10000
CLP	2	1	0.35	12	10.8	0.2157	0.2196	0.0039	10000	10000
CLP	3	1	0.35	12	9.6	0.1678	0.1758	0.008	10000	10000
CLP	1	1	0.4	12	12	0.3634	0.3602	0.0032	10000	10000
CLP	2	1	0.4	12	10.8	0.2959	0.2998	0.0039	10000	10000
CLP	3	1	0.4	12	9.6	0.2302	0.2345	0.0044	9998	9998
CLP	1	1	0.45	12	12	0.4696	0.4714	0.0018	10000	10000
CLP	2	1	0.45	12	10.8	0.387	0.3938	0.0068	10000	10000
CLP	3	1	0.45	12	9.6	0.3032	0.318	0.0148	10000	10000
CLP	1	1	0.5	12	12	0.5775	0.5699	0.0076	10000	10000
CLP	2	1	0.5	12	10.8	0.4843	0.495	0.0107	10000	10000
CLP	3	1	0.5	12	9.6	0.3847	0.3902	0.0055	9999	9999
CLP	1	1	0.55	12	12	0.6795	0.6797	2e-04	10000	10000
CLP	2	1	0.55	12	10.8	0.5821	0.584	0.0019	10000	10000

CLP	3	1	0.55	12	9.6	0.4711	0.4859	0.0149	9999	9999
CLP	1	1	0.6	12	12	0.7691	0.7689	2e-04	10000	10000
CLP	2	1	0.6	12	10.8	0.6747	0.6725	0.0022	10000	10000
CLP	3	1	0.6	12	9.6	0.5583	0.5661	0.0078	10000	10000
CLP	1	1	0.65	12	12	0.8425	0.8463	0.0038	10000	10000
CLP	2	1	0.65	12	10.8	0.7572	0.7532	0.004	10000	10000
CLP	3	1	0.65	12	9.6	0.6424	0.6478	0.0054	9999	9999
CLP	1	1	0.7	12	12	0.8984	0.894	0.0044	10000	10000
CLP	2	1	0.7	12	10.8	0.8265	0.8219	0.0046	10000	10000
CLP	3	1	0.7	12	9.6	0.7196	0.7224	0.0028	9998	9998
CLP	1	1	0	18	18	0.01	0.0111	0.0011	10000	10000
CLP	2	1	0	18	16.2	0.01	0.0109	9e-04	10000	10000
CLP	3	1	0	18	14.4	0.01	0.0119	0.0019	10000	10000
CLP	1	1	0.05	18	18	0.0152	0.0149	3e-04	10000	10000
CLP	2	1	0.05	18	16.2	0.0145	0.0147	2e-04	10000	10000
CLP	3	1	0.05	18	14.4	0.0138	0.0142	4e-04	10000	10000
CLP	1	1	0.1	18	18	0.0332	0.0317	0.0015	10000	10000
CLP	2	1	0.1	18	16.2	0.0297	0.0305	8e-04	10000	10000
CLP	3	1	0.1	18	14.4	0.0263	0.0257	6e-04	10000	10000
CLP	1	1	0.15	18	18	0.07	0.0646	0.0054	10000	10000
CLP	2	1	0.15	18	16.2	0.0603	0.0594	9e-04	10000	10000
CLP	3	1	0.15	18	14.4	0.0511	0.052	9e-04	10000	10000
CLP	1	1	0.2	18	18	0.1331	0.1354	0.0023	10000	10000
CLP	2	1	0.2	18	16.2	0.1122	0.1067	0.0055	10000	10000
CLP	3	1	0.2	18	14.4	0.0926	0.0966	0.004	10000	10000
CLP	1	1	0.25	18	18	0.2272	0.2232	0.004	10000	10000
CLP	2	1	0.25	18	16.2	0.1903	0.1954	0.0051	10000	10000
CLP	3	1	0.25	18	14.4	0.155	0.1602	0.0052	10000	10000
CLP	1	1	0.3	18	18	0.3502	0.3531	0.0029	10000	10000
CLP	2	1	0.3	18	16.2	0.2947	0.3018	0.0071	10000	10000
CLP	3	1	0.3	18	14.4	0.24	0.2462	0.0062	10000	10000
CLP	1	1	0.35	18	18	0.4911	0.4958	0.0047	10000	10000
CLP	2	1	0.35	18	16.2	0.4194	0.4284	0.009	10000	10000
CLP	3	1	0.35	18	14.4	0.3453	0.3571	0.0118	10000	10000
CLP	1	1	0.4	18	18	0.6328	0.6408	0.008	10000	10000
CLP	2	1	0.4	18	16.2	0.5526	0.5574	0.0048	10000	10000
CLP	3	1	0.4	18	14.4	0.4639	0.4685	0.0046	10000	10000
CLP	1	1	0.45	18	18	0.7581	0.7575	6e-04	10000	10000
CLP	2	1	0.45	18	16.2	0.6797	0.6772	0.0025	10000	10000
CLP	3	1	0.45	18	14.4	0.5854	0.5909	0.0055	10000	10000
CLP	1	1	0.5	18	18	0.8555	0.8551	4e-04	10000	10000
CLP	2	1	0.5	18	16.2	0.7883	0.7856	0.0027	10000	10000
CLP	3	1	0.5	18	14.4	0.6989	0.6951	0.0038	10000	10000
CLP	1	1	0.55	18	18	0.9222	0.9168	0.0054	10000	10000
CLP	2	1	0.55	18	16.2	0.8715	0.867	0.0045	10000	10000

CLP	3	1	0.55	18	14.4	0.7955	0.7977	0.0022	10000	10000
CLP	1	1	0.6	18	18	0.9624	0.9654	0.003	10000	10000
CLP	2	1	0.6	18	16.2	0.9287	0.9291	4e-04	10000	10000
CLP	3	1	0.6	18	14.4	0.8706	0.8667	0.0039	10000	10000
CLP	1	1	0.65	18	18	0.9837	0.9841	4e-04	10000	10000
CLP	2	1	0.65	18	16.2	0.9639	0.9604	0.0035	10000	10000
CLP	3	1	0.65	18	14.4	0.924	0.912	0.012	10000	10000
CLP	1	1	0.7	18	18	0.9937	0.9931	6e-04	10000	10000
CLP	2	1	0.7	18	16.2	0.9833	0.9812	0.0021	10000	10000
CLP	3	1	0.7	18	14.4	0.9586	0.9493	0.0093	10000	10000
CLP	1	1	0	24	24	0.01	0.0093	7e-04	10000	10000
CLP	2	1	0	24	21.6	0.01	0.0107	7e-04	10000	10000
CLP	3	1	0	24	19.2	0.01	0.0113	0.0013	10000	10000
CLP	1	1	0.05	24	24	0.0175	0.015	0.0025	10000	10000
CLP	2	1	0.05	24	21.6	0.0165	0.0178	0.0013	10000	10000
CLP	3	1	0.05	24	19.2	0.0155	0.0153	2e-04	10000	10000
CLP	1	1	0.1	24	24	0.0444	0.0444	0	10000	10000
CLP	2	1	0.1	24	21.6	0.0394	0.0381	0.0013	10000	10000
CLP	3	1	0.1	24	19.2	0.0347	0.0346	1e-04	10000	10000
CLP	1	1	0.15	24	24	0.1021	0.1044	0.0023	10000	10000
CLP	2	1	0.15	24	21.6	0.0878	0.0875	3e-04	10000	10000
CLP	3	1	0.15	24	19.2	0.0743	0.0781	0.0038	10000	10000
CLP	1	1	0.2	24	24	0.2015	0.1947	0.0068	10000	10000
CLP	2	1	0.2	24	21.6	0.1713	0.1792	0.0079	10000	10000
CLP	3	1	0.2	24	19.2	0.1423	0.1497	0.0074	10000	10000
CLP	1	1	0.25	24	24	0.3436	0.3493	0.0057	10000	10000
CLP	2	1	0.25	24	21.6	0.2932	0.2956	0.0024	10000	10000
CLP	3	1	0.25	24	19.2	0.2434	0.2412	0.0022	10000	10000
CLP	1	1	0.3	24	24	0.512	0.5147	0.0027	10000	10000
CLP	2	1	0.3	24	21.6	0.4445	0.452	0.0075	10000	10000
CLP	3	1	0.3	24	19.2	0.3739	0.3858	0.0119	10000	10000
CLP	1	1	0.35	24	24	0.6781	0.67	0.0081	10000	10000
CLP	2	1	0.35	24	21.6	0.6042	0.6124	0.0082	10000	10000
CLP	3	1	0.35	24	19.2	0.5206	0.5272	0.0066	10000	10000
CLP	1	1	0.4	24	24	0.8144	0.823	0.0086	10000	10000
CLP	2	1	0.4	24	21.6	0.7477	0.747	7e-04	10000	10000
CLP	3	1	0.4	24	19.2	0.6643	0.6607	0.0036	10000	10000
CLP	1	1	0.45	24	24	0.9075	0.9141	0.0066	10000	10000
CLP	2	1	0.45	24	21.6	0.8577	0.861	0.0033	10000	10000
CLP	3	1	0.45	24	19.2	0.787	0.7855	0.0015	10000	10000
CLP	1	1	0.5	24	24	0.9605	0.9608	3e-04	10000	10000
CLP	2	1	0.5	24	21.6	0.9295	0.9279	0.0016	10000	10000
CLP	3	1	0.5	24	19.2	0.8784	0.8759	0.0025	10000	10000
CLP	1	1	0.55	24	24	0.9856	0.9869	0.0013	10000	10000
CLP	2	1	0.55	24	21.6	0.9695	0.9669	0.0026	10000	10000

CLP	3	1	0.55	24	19.2	0.9379	0.9311	0.0068	10000	10000
CLP	1	1	0.6	24	24	0.9955	0.9957	2e-04	10000	10000
CLP	2	1	0.6	24	21.6	0.9885	0.9875	0.001	10000	10000
CLP	3	1	0.6	24	19.2	0.9718	0.9671	0.0047	10000	10000
CLP	1	1	0.65	24	24	0.9988	0.9985	3e-04	10000	10000
CLP	2	1	0.65	24	21.6	0.9963	0.9942	0.0021	10000	10000
CLP	3	1	0.65	24	19.2	0.9886	0.9846	0.004	10000	10000
CLP	1	1	0.7	24	24	0.9997	0.9998	1e-04	10000	10000
CLP	2	1	0.7	24	21.6	0.9989	0.9983	6e-04	10000	10000
CLP	3	1	0.7	24	19.2	0.9959	0.9939	0.002	10000	10000
CLP	1	1	0	30	30	0.01	0.0094	6e-04	10000	10000
CLP	2	1	0	30	27	0.01	0.0106	6e-04	10000	10000
CLP	3	1	0	30	24	0.01	0.0108	8e-04	10000	10000
CLP	1	1	0.05	30	30	0.0198	0.0201	3e-04	10000	10000
CLP	2	1	0.05	30	27	0.0186	0.0184	2e-04	10000	10000
CLP	3	1	0.05	30	24	0.0173	0.0168	5e-04	10000	10000
CLP	1	1	0.1	30	30	0.0565	0.0543	0.0022	10000	10000
CLP	2	1	0.1	30	27	0.05	0.0493	7e-04	10000	10000
CLP	3	1	0.1	30	24	0.0437	0.0452	0.0015	10000	10000
CLP	1	1	0.15	30	30	0.1374	0.1358	0.0016	10000	10000
CLP	2	1	0.15	30	27	0.1183	0.1208	0.0025	10000	10000
CLP	3	1	0.15	30	24	0.1	0.1005	5e-04	10000	10000
CLP	1	1	0.2	30	30	0.2748	0.2714	0.0034	10000	10000
CLP	2	1	0.2	30	27	0.2355	0.2379	0.0024	10000	10000
CLP	3	1	0.2	30	24	0.1972	0.1955	0.0017	10000	10000
CLP	1	1	0.25	30	30	0.4581	0.4555	0.0026	10000	10000
CLP	2	1	0.25	30	27	0.398	0.3946	0.0034	10000	10000
CLP	3	1	0.25	30	24	0.3365	0.3348	0.0017	10000	10000
CLP	1	1	0.3	30	30	0.6508	0.6549	0.0041	10000	10000
CLP	2	1	0.3	30	27	0.5806	0.5816	0.001	10000	10000
CLP	3	1	0.3	30	24	0.5027	0.5024	3e-04	10000	10000
CLP	1	1	0.35	30	30	0.8105	0.814	0.0035	10000	10000
CLP	2	1	0.35	30	27	0.747	0.7448	0.0022	10000	10000
CLP	3	1	0.35	30	24	0.6683	0.6682	1e-04	10000	10000
CLP	1	1	0.4	30	30	0.9149	0.9089	0.006	10000	10000
CLP	2	1	0.4	30	27	0.8699	0.8728	0.0029	10000	10000
CLP	3	1	0.4	30	24	0.806	0.803	0.003	10000	10000
CLP	1	1	0.45	30	30	0.9688	0.9682	6e-04	10000	10000
CLP	2	1	0.45	30	27	0.9437	0.9401	0.0036	10000	10000
CLP	3	1	0.45	30	24	0.9016	0.8943	0.0073	10000	10000
CLP	1	1	0.5	30	30	0.9907	0.9905	2e-04	10000	10000
CLP	2	1	0.5	30	27	0.9796	0.9771	0.0025	10000	10000
CLP	3	1	0.5	30	24	0.9571	0.9515	0.0056	10000	10000
CLP	1	1	0.55	30	30	0.9978	0.9977	1e-04	10000	10000
CLP	2	1	0.55	30	27	0.9939	0.9924	0.0015	10000	10000

CLP	3	1	0.55	30	24	0.984	0.9814	0.0026	10000	10000
CLP	1	1	0.6	30	30	0.9996	0.9998	2e-04	10000	10000
CLP	2	1	0.6	30	27	0.9985	0.998	5e-04	10000	10000
CLP	3	1	0.6	30	24	0.9949	0.9925	0.0024	10000	10000
CLP	1	1	0.65	30	30	0.9999	0.9999	0	10000	10000
CLP	2	1	0.65	30	27	0.9997	0.9999	2e-04	10000	10000
CLP	3	1	0.65	30	24	0.9986	0.9976	0.001	10000	10000
CLP	1	1	0.7	30	30	1	1	0	10000	10000
CLP	2	1	0.7	30	27	0.9999	1	1e-04	10000	10000
CLP	3	1	0.7	30	24	0.9997	0.9991	6e-04	10000	10000
CLP	1	1	0	36	36	0.01	0.0116	0.0016	10000	10000
CLP	2	1	0	36	32.4	0.01	0.0115	0.0015	10000	10000
CLP	3	1	0	36	28.8	0.01	0.0092	8e-04	10000	10000
CLP	1	1	0.05	36	36	0.0222	0.0204	0.0018	10000	10000
CLP	2	1	0.05	36	32.4	0.0207	0.0179	0.0028	10000	10000
CLP	3	1	0.05	36	28.8	0.0192	0.02	8e-04	10000	10000
CLP	1	1	0.1	36	36	0.0695	0.0674	0.0021	10000	10000
CLP	2	1	0.1	36	32.4	0.0612	0.0628	0.0016	10000	10000
CLP	3	1	0.1	36	28.8	0.0533	0.0499	0.0034	10000	10000
CLP	1	1	0.15	36	36	0.1754	0.1759	5e-04	10000	10000
CLP	2	1	0.15	36	32.4	0.1511	0.1488	0.0023	10000	10000
CLP	3	1	0.15	36	28.8	0.1279	0.1308	0.0029	10000	10000
CLP	1	1	0.2	36	36	0.3496	0.3555	0.0059	10000	10000
CLP	2	1	0.2	36	32.4	0.3023	0.3024	1e-04	10000	10000
CLP	3	1	0.2	36	28.8	0.2553	0.2681	0.0128	10000	10000
CLP	1	1	0.25	36	36	0.5635	0.5687	0.0052	10000	10000
CLP	2	1	0.25	36	32.4	0.4983	0.49	0.0083	10000	10000
CLP	3	1	0.25	36	28.8	0.4287	0.4338	0.0051	10000	10000
CLP	1	1	0.3	36	36	0.7599	0.7623	0.0024	10000	10000
CLP	2	1	0.3	36	32.4	0.6945	0.6935	0.001	10000	10000
CLP	3	1	0.3	36	28.8	0.6172	0.6237	0.0065	10000	10000
CLP	1	1	0.35	36	36	0.8946	0.8924	0.0022	10000	10000
CLP	2	1	0.35	36	32.4	0.8464	0.8452	0.0012	10000	10000
CLP	3	1	0.35	36	28.8	0.781	0.7742	0.0068	10000	10000
CLP	1	1	0.4	36	36	0.9638	0.9656	0.0018	10000	10000
CLP	2	1	0.4	36	32.4	0.9374	0.9395	0.0021	10000	10000
CLP	3	1	0.4	36	28.8	0.8948	0.8931	0.0017	10000	10000
CLP	1	1	0.45	36	36	0.9904	0.9896	8e-04	10000	10000
CLP	2	1	0.45	36	32.4	0.9796	0.9771	0.0025	10000	10000
CLP	3	1	0.45	36	28.8	0.9581	0.958	1e-04	10000	10000
CLP	1	1	0.5	36	36	0.9981	0.9989	8e-04	10000	10000
CLP	2	1	0.5	36	32.4	0.9947	0.9942	5e-04	10000	10000
CLP	3	1	0.5	36	28.8	0.9863	0.9848	0.0015	10000	10000
CLP	1	1	0.55	36	36	0.9997	0.9994	3e-04	10000	10000
CLP	2	1	0.55	36	32.4	0.9989	0.9992	3e-04	10000	10000

CLP	3	1	0.55	36	28.8	0.9963	0.9945	0.0018	10000	10000
CLP	1	1	0.6	36	36	1	1	0	10000	10000
CLP	2	1	0.6	36	32.4	0.9998	0.9999	1e-04	10000	10000
CLP	3	1	0.6	36	28.8	0.9992	0.9986	6e-04	10000	10000
CLP	1	1	0.65	36	36	1	1	0	10000	10000
CLP	2	1	0.65	36	32.4	1	0.9998	2e-04	10000	10000
CLP	3	1	0.65	36	28.8	0.9999	0.9996	3e-04	10000	10000
CLP	1	1	0.7	36	36	1	1	0	10000	10000
CLP	2	1	0.7	36	32.4	1	1	0	10000	10000
CLP	3	1	0.7	36	28.8	1	1	0	10000	10000