分析結果　E 1

Multivariate probit (SML, # draws = 5)　　Number of obs = 1964
Wald chi2(189) = 1160.70
Log likelihood = -5137.6967　　Prob > chi2 = 0.0000

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
bi1326						
kleve11	.1333536	.122321	1.09	0.276	-.1063912	.3730984
kleve12	.1194577	.1353564	0.88	0.377	-.145836	.3847513
kleve13	.1087977	.1486939	0.73	0.464	-.182637	.4002324
kleve14	.2747648	.1656684	1.66	0.097	-.0499392	.5994688
kleve15	.3593168	.1748318	2.06	0.040	.0166527	.7019809
r1308_1	.7079079	.2737956	2.59	0.010	.1712784	1.244537
r1308_2	.598336	.3238744	1.85	0.065	-.0364463	1.233118
r1308_3	1.378242	.3967246	3.47	0.001	.6006766	2.155808
r1308_4	.8430948	.3588488	2.35	0.019	.1397641	1.546426
r1308_5	.8204894	.2848206	2.88	0.004	.2622513	1.378728
r1308_6	.5316797	.284515	1.87	0.062	-.0259595	1.089319
r1308_7	.7749731	.3497005	2.22	0.027	.0895727	1.460373
r1308_8	.6055868	.3678039	1.65	0.100	-.1152956	1.326469
r1308_9	.6167184	.286117	2.16	0.031	.0559395	1.177497
r1308_10	1.023074	.3386185	3.02	0.003	.3593941	1.686754
r1308_11	.6534847	.2789259	2.34	0.019	.1068	1.200169
r1308_12	.8227661	.2921081	2.82	0.005	.2502446	1.395287
r103_2	.0854198	.10231	0.83	0.404	-.1151041	.2859436
r103_3	.3410831	.125607	2.72	0.007	.094898	.5872683
r103_4	.7368757	.1566472	4.70	0.000	.4298528	1.043899
syotoku1000	-.1399711	.0785635	-1.78	0.075	-.2939528	.0140107
syotoku1000_	.1724074	.1342393	1.28	0.199	-.0906969	.4355117
bed15_	.043931	.0918435	0.48	0.632	-.136079	.2239411
r7_1	1.454312	.1199721	12.12	0.000	1.219171	1.689453
r7_2a	.4585048	.0958113	4.79	0.000	.2707181	.6462916
r7_2b	.7263518	.109436	6.64	0.000	.5118611	.9408425
r7_89	.0657338	.2233916	0.29	0.769	-.3721056	.5035733
_cons	-2.069698	.298922	-6.92	0.000	-2.655574	-1.483822
bi1330						
kleve11	-.0588006	.1861519	-0.32	0.752	-.4236516	.3060505
kleve12	.1902569	.1910435	1.00	0.319	-.1841815	.5646952
kleve13	.5900086	.1974873	2.99	0.003	.2029407	.9770766
kleve14	.957271	.2073924	4.62	0.000	.5507894	1.363753
kleve15	1.104292	.2161758	5.11	0.000	.6805952	1.527989
r1308_1	.0688884	.2565497	0.27	0.788	-.4339398	.5717165
r1308_2	.218003	.3317967	0.66	0.511	-.4323067	.8683126
r1308_3	.1955894	.4519003	0.43	0.665	-.690119	1.081298
r1308_4	-.186837	.3983686	-0.47	0.639	-.9676642	.5939903
r1308_5	.0030332	.2812877	0.01	0.991	-.5482806	.5543471
r1308_6	-.3469586	.2767522	-1.25	0.210	-.8893829	.1954658
r1308_7	-.216011	.3954528	-0.55	0.585	-.9910842	.5590622
r1308_8	-.0765705	.4411399	-0.17	0.862	-.9411887	.7860478
r1308_9	-.0132022	.2749864	-0.05	0.962	-.5521655	.5257612
r1308_10	.3910348	.3457468	1.13	0.258	-.2866165	1.068686
r1308_11	.1323569	.2655037	0.50	0.618	-.3880208	.6527347
r1308_12	.1173878	.2899266	0.40	0.686	-.450858	.6856335
r103_2	.171637	.156776	1.09	0.274	-.1356383	.4789123
r103_3	.4792751	.1722976	2.78	0.005	.1415779	.8169723
r103_4	.7458886	.1953897	3.82	0.000	.3629318	1.128845
syotoku1000	-.0861338	.0959471	0.90	0.369	-.1019189	.2741866
syotoku1000_	.2346115	.1584842	1.48	0.139	-.0760119	.5452349
bed15_	.3495557	.1018688	3.43	0.001	.1498965	.5492148
r7_1	.5781245	.156583	3.69	0.000	.2712274	.8850216
r7_2a	.1556757	.1180412	1.32	0.187	-.0756808	.3870322
r7_2b	.1836882	.1404908	1.31	0.191	-.0916687	.459045
r7_89	-.2908529	.2467949	-1.18	0.239	-.7745619	.1928561
_cons	-2.222732	.3189162	-6.97	0.000	-2.847796	-1.597667
bi1334						
kleve11	.0859885	.1766279	0.49	0.626	-.2601958	.4321729
kleve12	.3597884	.1853131	1.94	0.052	-.0034185	.7229954
kleve13	.4051429	.1993477	2.03	0.042	.0144287	.7958572
kleve14	.7918781	.2101251	3.77	0.000	.3800405	1.203716
kleve15	1.124377	.2176207	5.17	0.000	.6978479	1.550905
r1308_1	-.2144115	.2356066	-0.91	0.363	-.6761919	.247369
r1308_2	-.3495925	.3337306	-1.05	0.295	-1.003692	.3045075
r1308_3	.7428624	.3736664	1.99	0.047	.0104898	1.475235
r1308_4	.2132117	.3416096	0.62	0.533	-.4563309	.8827543
r1308_5	-.1391328	.2555506	-0.54	0.586	-.6400224	.3617567
r1308_6	-.4875971	.257072	-1.90	0.058	-.9914489	.0162547
r1308_7	.2600783	.3197276	0.81	0.416	-.3665763	.8867328
r1308_8	-.9641187	.5565096	-1.73	0.083	-2.054857	.1266201
r1308_9	-.1912455	.2540145	-0.75	0.452	-.6891048	.3066138
r1308_10	.2555444	.3218117	0.79	0.427	-.3751951	.8862838
r1308_11	-.3831819	.2492093	-1.54	0.124	-.8716232	.1052595
r1308_12	-.2703688	.273614	-0.99	0.323	-.8066424	.2659049
r103_2	.0377683	.1382836	0.27	0.785	-.2332626	.3087991
r103_3	.2137111	.1580992	1.35	0.176	-.0961577	.5235799
r103_4	.2782959	.1889333	1.47	0.141	-.0920067	.6485984
syotoku1000	.0549644	.0944214	0.58	0.560	-.1300981	.2400269
syotoku1000_	-.0383606	.1702087	-0.23	0.822	-.3719636	.2952424
bed15_	.2323527	.1043528	2.23	0.026	.027825	.4368804
r7_1	.5250609	.1528859	3.43	0.001	.22541	.8247119
r7_2a	.1600036	.1174069	1.36	0.173	-.0701097	.3901168
r7_2b	.4403468	.1302807	3.38	0.001	.1850013	.6956924
r7_89	-.1150129	.2534216	-0.45	0.650	-.61171	.3816842
_cons	-1.780817	.2900887	-6.14	0.000	-2.34938	-1.212253
bi1338						
kleve11	.1015269	.2743155	0.37	0.711	-.4361216	.6391754
kleve12	.0081093	.2938469	0.03	0.976	-.5678201	.5840387
kleve13	.4083491	.2962681	1.38	0.168	-.1723256	.9890238
kleve14	.5514838	.3180132	1.73	0.083	-.0718106	1.174778
kleve15	.6687203	.3268587	2.05	0.041	.028089	1.309352
r1308_1	.1902973	.3418543	0.56	0.578	-.4797248	.8603194
r1308_2	-.467378	.5427207	-0.86	0.389	-1.531091	.5963351
r1308_3	.3030079	.5589718	0.54	0.588	-.7925566	1.398572
r1308_4	-.3903596	.5910167	-0.66	0.509	-1.548731	.7680117
r1308_5	-.0982585	.3788385	-0.26	0.795	-.8407683	.6442514
r1308_6	-.6102955	.4124811	-1.48	0.139	-1.418744	.1981526
r1308_7	-.0403658	.4968186	-0.08	0.935	-1.014112	.9333809
r1308_8	-4.069128	264.841	-0.02	0.988	-523.148	515.0098
r1308_9	-.4864206	.4082892	-1.19	0.234	-1.286653	.3138116
r1308_10	.4009626	.4406486	0.91	0.363	-.4626928	1.264618
r1308_11	-.3144069	.3738561	-0.84	0.400	-1.047151	.4183376
r1308_12	-.1071879	.397274	-0.27	0.787	-.8858307	.6714549
r103_2	.2576359	.2305186	1.12	0.264	-.1941723	.709444
r103_3	.5320479	.2523359	2.11	0.035	.0374786	1.026617
r103_4	.4033501	.2963323	1.36	0.173	-.1774505	.9841508
syotoku1000	.1340006	.1355347	0.99	0.323	-.1316426	.3996438
syotoku1000_	.3319555	.2317418	1.43	0.152	-.1222501	.7861612
bed15_	-.0009892	.158085	-0.01	0.995	-.3108301	.3088518
r7_1	.6137261	.2229591	2.75	0.006	.1767343	1.050718
r7_2a	.4604874	.1555296	2.96	0.003	.155655	.7653199
r7_2b	.3287864	.2018941	1.63	0.103	-.0669188	.7244916
r7_89	-.4083864	.4475551	-0.91	0.362	-1.285578	.4688055
_cons	-2.6188	.4516585	-5.80	0.000	-3.504034	-1.733565
bi1342						
kleve11	.3500377	.1039212	3.37	0.001	.1463559	.5537194
kleve12	.2846908	.1147724	2.48	0.013	.0597409	.5096406
kleve13	.3721529	.1284062	2.90	0.004	.1204815	.6238244
kleve14	.3272478	.1467175	2.23	0.026	.0396869	.6148088
kleve15	.0866198	.1589992	0.54	0.586	-.225013	.3982525
r1308_1	.2955451	.196963	1.50	0.133	-.0904952	.6815855
r1308_2	.0514457	.24982	0.21	0.837	-.4381925	.5410839
r1308_3	-.2966173	.3628637	-0.82	0.414	-1.007817	.4145825
r1308_4	-.4885102	.3334186	-1.47	0.143	-1.141999	.1649781
r1308_5	-.0161929	.2100764	-0.08	0.939	-.4279351	.3955493
r1308_6	.4693725	.2065373	2.27	0.023	.0645668	.8741782
r1308_7	.0582537	.2757881	0.21	0.833	-.482281	.5987884
r1308_8	.2073932	.2939814	0.71	0.481	-.3687997	.7835861
r1308_9	.2146703	.2090835	1.03	0.305	-.1951258	.6244665
r1308_10	-.2526098	.2768353	-0.91	0.362	-.795197	.2899774
r1308_11	.1885218	.20153	0.94	0.350	-.2064698	.5835134
r1308_12	.0431652	.220384	0.20	0.845	-.3887796	.47511
r103_2	-.0988262	.0846984	-1.17	0.243	-.2648319	.0671796
r103_3	-.1090079	.1082923	-1.01	0.314	-.3212569	.1032411
r103_4	-.0901551	.1393384	-0.65	0.518	-.3632533	.182943
syotoku1000	.0697133	.0702302	0.99	0.321	-.0679353	.207362
syotoku1000_	.0929524	.1212346	0.77	0.443	-.144663	.3305678
bed15_	-.2914117	.0832127	-3.50	0.000	-.4545057	-.1283178
r7_1	-.4729949	.1154387	-4.10	0.000	-.6992506	-.2467391
r7_2a	-.3989509	.0890257	-4.48	0.000	-.5734382	-.2244637
r7_2b	-.3668181	.1058397	-3.47	0.001	-.57426	-.1593761
r7_89	.0751189	.1975606	0.38	0.704	-.3120928	.4623306
_cons	-.3688095	.2181539	-1.69	0.091	-.7963834	.0587642
bi1346						
kleve11	.198334	.1281821	1.55	0.122	-.0528984	.4495663
kleve12	.3277156	.1379097	2.38	0.017	.0574177	.5980136
kleve13	.1760247	.154633	1.14	0.255	-.1270503	.4790998
kleve14	.0407147	.1803638	0.23	0.821	-.3127918	.3942213
kleve15	-.0730865	.2006566	-0.36	0.716	-.4663661	.3201932
r1308_1	-.2397913	.2081114	-1.15	0.249	-.6476821	.1680995
r1308_2	-.7731808	.3068386	-2.52	0.012	-1.374573	-.1717882
r1308_3	-.6408844	.4325331	-1.48	0.138	-1.488634	.2068649
r1308_4	-4.699491	152.2198	-0.03	0.975	-303.0448	293.6459
r1308_5	-.4434451	.2263381	-1.96	0.050	-.8870596	.0001694
r1308_6	-.2377669	.2206067	-1.08	0.281	-.670148	.1946143
r1308_7	.0127636	.2869746	0.04	0.965	-.5496963	.5752236
r1308_8	-.5323624	.3450569	-1.54	0.123	-1.208662	.1439367
r1308_9	-.2296845	.2227107	-1.03	0.302	-.6661895	.2068204
r1308_10	-.3069914	.2950858	-1.04	0.298	-.885349	.2713661
r1308_11	-.5921744	.2181346	-2.71	0.007	-1.01971	-.1646385
r1308_12	-.3802412	.2384042	-1.59	0.111	-.8475048	.0870225
r103_2	.087955	.1013192	0.87	0.385	-.1106269	.286537
r103_3	.1610218	.1270542	1.27	0.205	-.0879998	.4100435
r103_4	-.0002065	.1694327	-0.00	0.999	-.3322885	.3318754
syotoku1000	-.1228068	.0840661	-1.46	0.144	-.2875733	.0419596
syotoku1000_	-.2144636	.1509225	-1.42	0.155	-.5102663	.0813391
bed15_	-.2700249	.101457	-2.66	0.008	-.4688769	-.0711729
r7_1	-.0380062	.1334648	-0.28	0.776	-.2995925	.2235801
r7_2a	-.1537842	.106979	-1.44	0.151	-.3634592	.0558908
r7_2b	.0340075	.1255982	0.27	0.787	-.2121605	.2801756
r7_89	.2336116	.2330787	1.00	0.316	-.2232142	.6904374
_cons	-.7335922	.240628	-3.05	0.002	-1.205214	-.2619699
bi1354						
kleve11	.3104831	.2030544	1.53	0.126	-.0874961	.7084623
kleve12	.4643533	.2068586	2.24	0.025	.0589179	.8697887
kleve13	.4814288	.2172165	2.22	0.027	.0556923	.9071652
kleve14	.6782313	.2283305	2.97	0.003	.2307118	1.125751
kleve15	.5706831	.2392214	2.39	0.017	.1018177	1.039548
r1308_1	.3092591	.2985952	1.04	0.300	-.2759769	.894495
r1308_2	.1154484	.392151	0.29	0.768	-.6531535	.8840503
r1308_3	-.1099596	.5930568	-0.19	0.853	-1.27233	1.05241
r1308_4	-.4785432	.5307495	-0.90	0.367	-1.518793	.5617068
r1308_5	-.1221892	.335583	-0.36	0.716	-.7799198	.5355414
r1308_6	.8468538	.3047295	2.78	0.005	.249395	1.443913
r1308_7	.3737692	.3976074	0.94	0.347	-.405527	1.153065
r1308_8	.8208059	.3965626	2.07	0.038	.0435574	1.598054
r1308_9	.3075413	.3136596	0.98	0.327	-.3072202	.9223028
r1308_10	.113836	.4115975	0.28	0.782	-.6928802	.9205522
r1308_11	.2308455	.3080931	0.75	0.454	-.3730058	.8346968
r1308_12	.2931547	.329928	0.89	0.374	-.3534923	.9398017
r103_2	.2751453	.1491348	1.84	0.065	-.0171535	.5674442
r103_3	.6251112	.1667283	3.75	0.000	.2983297	.9518926
r103_4	.7345509	.1933161	3.80	0.000	.3556583	1.113443
syotoku1000	.1402061	.0965148	1.45	0.146	-.0489595	.3293716
syotoku1000_	.4106608	.1475983	2.78	0.005	.1213734	.6999483
bed15_	.0964716	.1034873	0.93	0.351	-.1063597	.299303
r7_1	-.208704	.1842251	-1.13	0.257	-.5697786	.1523707
r7_2a	-.2767434	.1279647	-2.16	0.031	-.5275496	-.0259373
r7_2b	-.1719643	.15208	-1.13	0.258	-.4700357	.1261071
r7_89	.6812986	.2071613	3.29	0.001	.2752699	1.087327
_cons	-2.478922	.3589638	-6.91	0.000	-3.182478	-1.775366
/atrho21	.2084723	.0494729	4.21	0.000	.1115072	.3054374
/atrho31	.1077154	.0490473	2.20	0.028	.0115844	.2038464
/atrho41	.0096519	.0699291	0.14	0.890	-.1274066	.1467105
/atrho51	-.0216566	.0382855	-0.57	0.572	-.0966948	.0533815
/atrho61	-.1756637	.0477018	-3.68	0.000	-.2691576	-.0821699
/atrho71	-.007677	.0518191	-0.15	0.882	-.1092406	.0938866
/atrho32	.2327906	.0531109	4.38	0.000	.1286951	.336886
/atrho42	.2115939	.0701557	3.02	0.003	.0740912	.3490965
/atrho52	-.1912484	.0438986	-4.36	0.000	-.277288	-.1052087
/atrho62	-.1368571	.0551777	-2.48	0.013	-.2450034	-.0287108
/atrho72	-.0520184	.0553102	-0.94	0.347	-.1604244	.0563877
/atrho43	.2324877	.0807561	2.88	0.004	.0742087	.3907668
/atrho53	-.2159827	.0449269	-4.81	0.000	-.3040378	-.1279277
/atrho63	.0253919	.0527566	0.48	0.630	-.0780092	.128793
/atrho73	-.0622581	.057865	-1.08	0.282	-.1756715	.0511552
/atrho54	-.1218666	.0538391	-2.26	0.024	-.2273892	-.016344
/atrho64	.0787338	.0642059	1.23	0.220	-.0471075	.204575
/atrho74	-.0443359	.0703826	-0.63	0.529	-.1822832	.0936114
/atrho65	-.2182247	.042371	-5.15	0.000	-.3012702	-.1351791
/atrho75	.2143877	.0479502	4.47	0.000	.120407	.3083683
/atrho76	.0195493	.0538262	0.36	0.716	-.0859482	.1250468
rho21	.2055038	.0473836	4.34	0.000	.1110474	.2962806
rho31	.1073007	.0484826	2.21	0.027	.0115839	.201069
rho41	.0096516	.0699226	0.14	0.890	-.1267217	.1456669
rho51	-.0216533	.0382675	-0.57	0.572	-.0963946	.0533309
rho61	-.1738789	.0462596	-3.76	0.000	-.2628408	-.0819855
rho71	-.0076768	.051816	-0.15	0.882	-.1088081	.0936117
rho32	.2286747	.0503336	4.54	0.000	.1279893	.3246945
rho42	.2084916	.0671061	3.11	0.002	.0739559	.3355741
rho52	-.1889503	.0423313	-4.46	0.000	-.2703932	-.1048223
rho62	-.136009	.054157	-2.51	0.012	-.2402161	-.0287029
rho72	-.0519715	.0551608	-0.94	0.346	-.1590622	.056328
rho43	.2283877	.0765438	2.98	0.003	.0740728	.3720211
rho53	-.2126858	.0428946	-4.96	0.000	-.2950034	-.1272344
rho63	.0253864	.0527226	0.48	0.630	-.0778513	.1280856
rho73	-.0621778	.0576413	-1.08	0.281	-.1738864	.0511107
rho54	-.1212668	.0530473	-2.29	0.022	-.2235495	-.0163425
rho64	.0785715	.0638095	1.23	0.218	-.0470727	.2017681
rho74	-.0443069	.0702444	-0.63	0.528	-.1802908	.0933389
rho65	-.2148253	.0404155	-5.32	0.000	-.2924746	-.1343617
rho75	.2111624	.0458121	4.61	0.000	.1198285	.2989519
rho76	.0195468	.0538057	0.36	0.716	-.0857372	.1243991

Likelihood ratio test of rho21 = rho31 = rho41 = rho51 = rho61 = rho71 = rho32 = rho42 = rho52 = rho62 = rho72 = rho43 = rho53 = rho63 = rho73 = rho54 = rho64 = rho74 = rho65 = rho75 = rho76 = 0:
chi2(21) = 167.037　Prob > chi2 = 0.0000

分析結果　E 2

Multivariate probit (SML. # draws = 5)

Log likelihood = -5181.8233

Number of obs	= 1964
Wald chi2(100)	= 1115.84
Prob > chi2	= 0.0000

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
bi1326						
klevel4	.1747793	.1149038	1.52	0.128	-.0504281	.3999866
klevel5	.2508528	.1251346	2.00	0.045	.0055936	.4961121
r1308_1	.6953651	.2714939	2.56	0.010	.1632469	1.227483
r1308_2	.5674853	.3213248	1.77	0.077	-.0622997	1.19727
r1308_3	1.350479	.3947032	3.42	0.001	.576875	2.124083
r1308_4	.792955	.3555629	2.23	0.026	.0960646	1.489845
r1308_5	.8007136	.2821048	2.84	0.005	.2477983	1.353629
r1308_6	.5182747	.2822624	1.84	0.066	-.0349493	1.071499
r1308_7	.7796394	.3472085	2.25	0.025	.0991233	1.460156
r1308_8	.5997203	.3641594	1.65	0.100	-.1140191	1.31346
r1308_9	.6120549	.2836883	2.16	0.031	.0560359	1.168074
r1308_10	.9812398	.3358741	2.92	0.003	.3229386	1.639541
r1308_11	.6273014	.2764201	2.27	0.023	.0855281	1.169075
r1308_12	.8073469	.2895882	2.79	0.005	.2397643	1.374929
r103_3	.3025702	.0848017	3.57	0.000	.1363619	.4687786
r103_4	.7119688	.1093165	6.51	0.000	.4977123	.9262252
syotoku1000	-.1482329	.0779313	-1.90	0.057	-.3009754	.0045096
syotoku1000_	.175059	.1331383	1.31	0.189	-.0858873	.4360053
r7_1	1.427125	.1180304	12.09	0.000	1.19579	1.658461
r7_2a	.4586649	.0952927	4.81	0.000	.2718946	.6454352
r7_2b	.7237279	.1088078	6.65	0.000	.5104686	.9369872
_cons	-1.878124	.2743428	-6.85	0.000	-2.415826	-1.340421
bi1330						
klevel3	.5054975	.1148779	4.40	0.000	.2803409	.7306541
klevel4	.8631351	.1281002	6.74	0.000	.6120633	1.114207
klevel5	1.016922	.1388643	7.32	0.000	.744753	1.289091
r1308_6	-.3855794	.1328376	-2.90	0.004	-.6459364	-.1252224
r1308_10	.2468533	.2445074	1.01	0.313	-.2323725	.7260791
r103_3	.3693674	.111471	3.31	0.001	.1508883	.5878466
r103_4	.6313042	.1420377	4.44	0.000	.3529154	.9096929
syotoku1000_	.1558244	.1394921	1.12	0.264	-.1175751	.4292239
bed15_	.3521814	.0999932	3.52	0.000	.1561983	.5481646
r7_1	.4572639	.139647	3.27	0.001	.1835609	.7309669
r7_2a	.1323197	.1082264	1.22	0.221	-.0798002	.3444396
r7_2b	.146401	.1341519	1.09	0.275	-.116532	.4093339
_cons	-1.908801	.0874161	-21.84	0.000	-2.080133	-1.737469
bi1334						
klevel2	.2813709	.1194845	2.35	0.019	.0471855	.5155562
klevel3	.3349278	.1368709	2.45	0.014	.0666657	.6031899
klevel4	.6821031	.1520731	4.49	0.000	.3840453	.9801609
klevel5	1.012974	.1601631	6.32	0.000	.6990599	1.326888
r1308_3	.8276153	.2988414	2.77	0.006	.2418969	1.413334
r1308_6	-.3277009	.1326562	-2.47	0.013	-.5877023	-.0676994
r1308_8	-.743079	.497875	-1.49	0.136	-1.718896	.2327381
r1308_11	-.2191835	.1166705	-1.88	0.060	-.4478536	.0094865
r103_3	.2029366	.112328	1.81	0.071	-.0172222	.4230954
r103_4	.2726279	.1494928	1.82	0.068	-.0203725	.5656283
bed15_	.2213367	.1026486	2.16	0.031	.0201491	.4225244
r7_1	.4906381	.1367511	3.59	0.000	.2226109	.7586652
r7_2a	.1496662	.1080569	1.39	0.166	-.0621216	.3614539
r7_2b	.4305795	.1239823	3.47	0.001	.1875787	.6735802
_cons	-1.803748	.0970083	-18.59	0.000	-1.993881	-1.613615
bi1338						
klevel3	.4108944	.1633378	2.52	0.012	.0907583	.7310306
klevel4	.5178308	.1922942	2.69	0.007	.140941	.8947206
klevel5	.7212238	.2050454	3.52	0.000	.3193422	1.123105
r1308_6	-.6038344	.2506042	-2.41	0.016	-1.09501	-.1126593
r1308_9	-.464278	.2443676	-1.90	0.057	-.9432298	.0146738
r103_3	.3278301	.1497731	2.19	0.029	.0342801	.62138
r103_4	.1908216	.1896676	1.01	0.314	-.18092	.5625632
syotoku1000_	.1944135	.2052084	0.95	0.343	-.2077875	.5966145
r7_1	.428708	.1952596	2.20	0.028	.0460062	.8114097
r7_2a	.4486237	.1405926	3.19	0.001	.1730672	.7241801
r7_2b	.2042436	.1929645	1.06	0.290	-.1739599	.5824471
_cons	-2.290525	.122952	-18.63	0.000	-2.531507	-2.049544
bi1342						
klevel1	.3081232	.0851631	3.62	0.000	.1412066	.4750399
klevel2	.2380869	.089089	2.67	0.008	.0634756	.4126981
klevel3	.3065379	.0971209	3.16	0.002	.1161844	.4968914
klevel4	.2724805	.1096043	2.49	0.013	.05766	.4873009
r1308_1	.19116	.0685904	2.79	0.005	.0567252	.3255948
r1308_4	-.5939648	.2728964	-2.18	0.030	-1.128832	-.0590977
r1308_6	.3782905	.0914388	4.14	0.000	.1990737	.5575073
r103_2	-.0368065	.0647891	-0.57	0.570	-.1637908	.0901778
bed15_	-.2987219	.0704318	-4.24	0.000	-.4367657	-.160678
r7_1	-.5192937	.1037394	-5.01	0.000	-.7226192	-.3159682
r7_2a	-.4574924	.0814812	-5.61	0.000	-.6171925	-.2977923
r7_2b	-.3859264	.1010165	-3.82	0.000	-.5839151	-.1879377
_cons	-.2247571	.0787412	-2.85	0.004	-.379087	-.0704271
bi1346						
klevel1	.2094499	.0959563	2.18	0.029	.021379	.3975207
klevel2	.3600743	.0979716	3.68	0.000	.1680536	.552095
klevel3	.2045493	.1113583	1.84	0.066	-.013709	.4228075
r1308_1	-.0158544	.1010187	-0.16	0.875	-.2138473	.1821386
r1308_2	-.5294461	.2451859	-2.16	0.031	-1.010002	-.0488905
r1308_3	-.4716047	.3914064	-1.20	0.228	-1.238747	.2955377
r1308_5	-.2298117	.1309508	-1.75	0.079	-.4864705	.0268472
r1308_6	-.0206475	.123302	-0.17	0.867	-.2623149	.2210199
r1308_8	-.2752864	.2892985	-0.95	0.341	-.8423011	.2917282
r1308_11	-.3485636	.1179066	-2.96	0.003	-.5796562	-.1174709
r1308_12	-.1553592	.1513617	-1.03	0.305	-.4520227	.1413043
r103_3	.1079049	.0854063	1.26	0.206	-.0594884	.2752983
syotoku1000	-.1104178	.0747135	-1.48	0.139	-.2568535	.036018
syotoku1000_	-.2001862	.1418798	-1.41	0.158	-.4782655	.0778931
bed15_	-.3069947	.0832695	-3.69	0.000	-.4701998	-.1437896
r7_2a	-.1665674	.0993369	-1.68	0.094	-.3612642	.0281294
_cons	-.9198284	.1146427	-8.02	0.000	-1.144524	-.6951328
bi13504						
klevel1	.2996629	.1996825	1.50	0.133	-.0917075	.6910333
klevel2	.4862053	.2033584	2.39	0.017	.0876302	.8847804
klevel3	.518483	.2125944	2.44	0.015	.1018057	.9351604
klevel4	.7343205	.223389	3.29	0.001	.296486	1.172155
klevel5	.6271276	.2323621	2.70	0.007	.1717062	1.082549
r1308_6	.6114688	.1020243	5.99	0.000	.4115048	.8114328
r1308_8	.5762978	.2697343	2.14	0.033	.0476283	1.104967
r103_2	.295654	.1470526	2.01	0.044	.0074362	.5838719
r103_3	.6666191	.1601597	4.16	0.000	.3527117	.9805264
r103_4	.8185488	.1761095	4.65	0.000	.4733806	1.163717
syotoku1000	.1869819	.0887815	2.11	0.035	.0129733	.3609905
syotoku1000_	.4679458	.1389699	3.37	0.001	.1955698	.7403219
r7_2a	-.2201364	.1210892	-1.82	0.069	-.4574669	.017194
r7_89	.6968629	.2028805	3.43	0.001	.2992243	1.094501
_cons	-2.351264	.2094353	-11.23	0.000	-2.76175	-1.940779
/atrho21	.2047351	.0490849	4.17	0.000	.1085305	.3009398
/atrho31	.1087811	.0488187	2.23	0.026	.0130982	.204464
/atrho41	.0188317	.068066	0.28	0.782	-.1145751	.1522386
/atrho51	-.0212473	.0383084	-0.55	0.579	-.0963304	.0538358
/atrho61	-.1738998	.0474029	-3.67	0.000	-.2668077	-.0809919
/atrho71	-.0002218	.0516646	-0.00	0.997	-.1014827	.101039
/atrho32	.2263566	.0524766	4.31	0.000	.1235044	.3292087
/atrho42	.2008611	.0684774	2.93	0.003	.0666479	.3350743
/atrho52	-.1887614	.0435687	-4.33	0.000	-.2741545	-.1033682
/atrho62	-.1376816	.0548007	-2.51	0.012	-.2450891	-.0302741
/atrho72	-.0481683	.0544838	-0.88	0.377	-.1549545	.0586179
/atrho43	.221129	.0784924	2.82	0.005	.0672867	.3749712
/atrho53	-.2172071	.0447957	-4.85	0.000	-.305005	-.1294092
/atrho63	.0287829	.0520812	0.55	0.581	-.0732944	.1308602
/atrho73	-.0609053	.0570329	-1.07	0.286	-.1726876	.0508771
/atrho54	-.1165549	.0528659	-2.20	0.027	-.2201702	-.0129395
/atrho64	.0787388	.0630519	1.25	0.212	-.0448406	.2023182
/atrho74	-.0309751	.069177	-0.45	0.654	-.1665595	.1046092
/atrho65	-.2178007	.0421566	-5.17	0.000	-.3004262	-.1351752
/atrho75	.213252	.0475861	4.48	0.000	.1199851	.306519
/atrho76	.0211743	.0527236	0.40	0.688	-.0821621	.1245107
rho21	.2019217	.0470836	4.29	0.000	.1081063	.2921724
rho31	.1083541	.0482455	2.25	0.025	.0130975	.2016616
rho41	.0188295	.0680418	0.28	0.782	-.1140764	.1510732
rho51	-.0212441	.0382911	-0.55	0.579	-.0960336	.0537839
rho61	-.1721678	.0459978	-3.74	0.000	-.2606519	-.0808152
rho71	-.0002218	.0516646	-0.00	0.997	-.1011357	.1006966
rho32	.2225682	.049877	4.46	0.000	.1228803	.3178096
rho42	.1982028	.0657873	3.01	0.003	.0665494	.3230729
rho52	-.186551	.0420525	-4.44	0.000	-.2674864	-.1030016
rho62	-.1368182	.0537749	-2.54	0.011	-.2402968	-.0302649
rho72	-.0481311	.0543575	-0.89	0.376	-.1537261	.0585508
rho43	.2175938	.074776	2.91	0.004	.0671854	.3583323
rho53	-.2138545	.042747	-5.00	0.000	-.2958862	-.1286917
rho63	.028775	.0520381	0.55	0.580	-.0731634	.1301183
rho73	-.0608301	.0568218	-1.07	0.284	-.1709913	.0508332
rho54	-.1160299	.0521542	-2.22	0.026	-.2166803	-.0129388
rho64	.0785765	.0626626	1.25	0.210	-.0448106	.1996022
rho74	-.0309652	.0691106	-0.45	0.654	-.1650361	.1042293
rho65	-.2144209	.0402184	-5.33	0.000	-.2917026	-.1343578
rho75	.2100771	.045486	4.62	0.000	.1194126	.297267
rho76	.0211711	.0527	0.40	0.688	-.0819777	.1238712

Likelihood ratio test of rho21 = rho31 = rho41 = rho51 = rho61 = rho71 = rho32 = rho42 = rho52 = rho62 = rho72 = rho43 = rho53 = rho63 = rho73 = rho54 = rho64 = rho74 = rho65 = rho75 = rho76 = 0:
chi2(21) = 165.774 Prob > chi2 = 0.0000

分析結果　E 3

Multivariate probit (SML, # draws = 5)

Log likelihood = -5187.6471

Number of obs	= 1964
Wald chi2(86)	= 1107.77
Prob > chi2	= 0.0000

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
bi1326						
klevel4	.1741528	.1149217	1.52	0.130	-.0510897	.3993952
klevel5	.2516614	.1251368	2.01	0.044	.0063978	.4969249
r1308_1	.694721	.2715532	2.56	0.011	.1624865	1.226956
r1308_2	.5646209	.3214155	1.76	0.079	-.065342	1.194584
r1308_3	1.32151	.394066	3.35	0.001	.5491553	2.093865
r1308_4	.7916214	.3557467	2.23	0.026	.0943708	1.488872
r1308_5	.7980507	.2822133	2.83	0.005	.2449228	1.351179
r1308_6	.5160153	.2822594	1.83	0.068	-.0372019	1.069235
r1308_7	.7792337	.3473501	2.24	0.025	.0984401	1.460027
r1308_8	.5815247	.363667	1.60	0.110	-.1312495	1.294299
r1308_9	.6114658	.283839	2.15	0.031	.0551517	1.16778
r1308_10	.9656656	.3356655	2.88	0.004	.3077733	1.623558
r1308_11	.6247442	.2765363	2.26	0.024	.082743	1.166745
r1308_12	.7970496	.2895147	2.75	0.006	.2296112	1.364488
r103_3	.3093887	.0846667	3.65	0.000	.143445	.4753324
r103_4	.7096043	.1092989	6.49	0.000	.4953824	.9238263
syotoku1000	-.1483939	.0779351	-1.90	0.057	-.301144	.0043562
syotoku1000_	.1630899	.1328174	1.23	0.219	-.0972274	.4234072
r7_1	1.423105	.1180435	12.06	0.000	1.191744	1.654466
r7_2a	.4490385	.0949981	4.73	0.000	.2628456	.6352314
r7_2b	.7134766	.1085116	6.58	0.000	.5007978	.9261553
_cons	-1.871862	.2744421	-6.82	0.000	-2.409759	-1.333966
bi1330						
klevel3	.5025697	.114536	4.39	0.000	.2780834	.7270561
klevel4	.8561881	.127451	6.72	0.000	.6063886	1.105987
klevel5	1.019985	.1382193	7.38	0.000	.74908	1.290889
r1308_6	-.3903325	.1311354	-2.98	0.003	-.6473531	-.1333119
r103_3	.3715338	.110881	3.35	0.001	.154211	.5888565
r103_4	.613382	.1412579	4.34	0.000	.3365216	.8902423
bed15_	.3453535	.0996676	3.47	0.001	.1500086	.5406984
r7_1	.3939301	.1343028	2.93	0.003	.1307015	.6571588
_cons	-1.834511	.0763312	-24.03	0.000	-1.984117	-1.684905
bi1334						
klevel2	.2809678	.1194567	2.35	0.019	.0468369	.5150986
klevel3	.3355272	.136803	2.45	0.014	.0673982	.6036563
klevel4	.6827628	.15197	4.49	0.000	.384907	.9806186
klevel5	1.01692	.1600607	6.35	0.000	.7032064	1.330633
r1308_3	.8321161	.2988666	2.78	0.005	.2463484	1.417884
r1308_6	-.3295523	.1326601	-2.48	0.013	-.5895613	-.0695432
r1308_8	-.7391186	.4970088	-1.49	0.137	-1.713238	.2350008
r1308_11	-.2192376	.1166883	-1.88	0.060	-.4479426	.0094673
r103_3	.2029784	.1121088	1.81	0.070	-.0167508	.4227075
r103_4	.2673873	.149179	1.79	0.073	-.0249982	.5597727
bed15_	.2200908	.1026374	2.14	0.032	.0189252	.4212564
r7_1	.4855405	.1367289	3.55	0.000	.2175568	.7535242
r7_2a	.1382266	.1075874	1.28	0.199	-.0726408	.349094
r7_2b	.4128919	.1233643	3.35	0.001	.1711024	.6546814
_cons	-1.798142	.0969029	-18.56	0.000	-1.988068	-1.608216
bi1338						
klevel3	.4619052	.1550575	2.98	0.003	.1579981	.7658123
klevel4	.5961399	.1678702	3.55	0.000	.2671204	.9251594
klevel5	.8529296	.1557698	5.48	0.000	.5476263	1.158233
r1308_6	-.6107008	.2500432	-2.44	0.015	-1.100776	-.1206252
r1308_9	-.4627672	.2429262	-1.90	0.057	-.9388937	.0133594
r103_3	.2437017	.126472	1.93	0.054	-.0041788	.4915822
r7_1	.359186	.1885745	1.90	0.057	-.0104133	.7287853
r7_2a	.3841036	.1333808	2.88	0.004	.122682	.6455251
_cons	-2.200589	.1071436	-20.54	0.000	-2.410587	-1.990592
bi1342						
klevel1	.3016678	.0841373	3.59	0.000	.1367617	.4665739
klevel2	.2308133	.0879275	2.63	0.009	.0584786	.403148
klevel3	.3046709	.0970332	3.14	0.002	.1144892	.4948525
klevel4	.2783326	.1094639	2.54	0.011	.0637872	.4928779
r1308_1	.1931922	.0682175	2.83	0.005	.0594883	.3268961
r1308_4	-.5865409	.2729598	-2.15	0.032	-1.121532	-.0515496
r1308_6	.378989	.090891	4.17	0.000	.2008458	.5571322
bed15_	-.2869202	.0673685	-4.26	0.000	-.4189601	-.1548803
r7_1	-.5177577	.1037203	-4.99	0.000	-.7210458	-.3144696
r7_2a	-.4523657	.0812265	-5.57	0.000	-.6115666	-.2931647
r7_2b	-.3762652	.100705	-3.74	0.000	-.5736433	-.178887
_cons	-.2425005	.0748887	-3.24	0.001	-.3892798	-.0957213
bi1346						
klevel1	.1960074	.0949468	2.06	0.039	.0099152	.3820997
klevel2	.3744029	.0972438	3.85	0.000	.1838085	.5649973
klevel3	.2344142	.1090709	2.15	0.032	.0206392	.4481893
r1308_2	-.490061	.2367139	-2.07	0.038	-.9540117	-.0261103
r1308_5	-.1881258	.1150898	-1.63	0.102	-.4136977	.0374461
r1308_11	-.3131899	.0996597	-3.14	0.002	-.5085193	-.1178605
syotoku1000	-.1052241	.074419	-1.41	0.157	-.2510826	.0406345
syotoku1000_	-.1912393	.1417411	-1.35	0.177	-.4690468	.0865681
bed15_	-.2896244	.082332	-3.52	0.000	-.4509922	-.1282566
r7_2a	-.1633246	.098047	-1.67	0.096	-.3554931	.028844
_cons	-.9455815	.0918608	-10.29	0.000	-1.125625	-.7655375
bi13504						
klevel1	.2985435	.1996189	1.50	0.135	-.0927023	.6897892
klevel2	.4856664	.2033084	2.39	0.017	.0871892	.8841436
klevel3	.518554	.2125687	2.44	0.015	.101927	.935181
klevel4	.7352709	.2233179	3.29	0.001	.2975759	1.172966
klevel5	.6270052	.2323111	2.70	0.007	.1716838	1.082327
r1308_6	.6110012	.1020097	5.99	0.000	.4110659	.8109365
r1308_8	.5810873	.2696026	2.16	0.031	.0526758	1.109499
r103_2	.3000292	.1467979	2.04	0.041	.0123106	.5877478
r103_3	.6641124	.160129	4.15	0.000	.3502652	.9779595
r103_4	.8194329	.175985	4.66	0.000	.4745086	1.164357
syotoku1000	.1868954	.0887541	2.11	0.035	.0129405	.3608503
syotoku1000_	.4691984	.138995	3.38	0.001	.1967733	.7416235
r7_2a	-.2183374	.1210291	-1.80	0.071	-.4555502	.0188753
r7_89	.695925	.2029022	3.43	0.001	.298244	1.093606
_cons	-2.352482	.2093334	-11.24	0.000	-2.762768	-1.942196
/atrho21	.2035351	.0489635	4.16	0.000	.1075683	.2995019
/atrho31	.1088433	.0488174	2.23	0.026	.0131631	.2045236
/atrho41	.015979	.0680207	0.23	0.814	-.1173392	.1492972
/atrho51	-.0215322	.0383095	-0.56	0.574	-.0966175	.0535531
/atrho61	-.1739641	.0474356	-3.67	0.000	-.266936	-.0809921
/atrho71	-.0007304	.0516606	-0.01	0.989	-.1019833	.1005225
/atrho32	.2261125	.0524324	4.31	0.000	.1233469	.328878
/atrho42	.1990318	.0684903	2.91	0.004	.0647933	.3332702
/atrho52	-.1878153	.0434817	-4.32	0.000	-.2730379	-.1025928
/atrho62	-.1335993	.0544106	-2.46	0.014	-.2402421	-.0269566
/atrho72	-.050527	.0544639	-0.93	0.354	-.1572743	.0562203
/atrho43	.220172	.0783416	2.81	0.005	.0666254	.3737187
/atrho53	-.217016	.0447806	-4.85	0.000	-.3047844	-.1292476
/atrho63	.0307041	.0520274	0.59	0.555	-.0712677	.1326758
/atrho73	-.0611116	.0570194	-1.07	0.284	-.1728676	.0506444
/atrho54	-.1156521	.0527462	-2.19	0.028	-.2190327	-.0122715
/atrho64	.0770537	.0626674	1.23	0.219	-.0457722	.1998795
/atrho74	-.0359519	.0688049	-0.52	0.601	-.1708071	.0989033
/atrho65	-.2182375	.0420579	-5.19	0.000	-.3006694	-.1358056
/atrho75	.2124719	.0475814	4.47	0.000	.1192141	.3057297
/atrho76	.022131	.0525684	0.42	0.674	-.0809013	.1251633
rho21	.2007704	.0469899	4.27	0.000	.1071554	.2908567
rho31	.1084155	.0482436	2.25	0.025	.0131623	.2017187
rho41	.0159776	.0680034	0.23	0.814	-.1168037	.1481977
rho51	-.0215288	.0382918	-0.56	0.574	-.096318	.053502
rho61	-.1722301	.0460285	-3.74	0.000	-.2607715	-.0808154
rho71	-.0007304	.0516606	-0.01	0.989	-.1016312	.1001853
rho32	.2223362	.0498405	4.46	0.000	.1227251	.3175123
rho42	.1964446	.0658472	2.98	0.003	.0647028	.3214562
rho52	-.1856377	.0419833	-4.42	0.000	-.2664493	-.1022343
rho62	-.1328101	.0534508	-2.48	0.013	-.2357244	-.02695
rho72	-.0504841	.0543251	-0.93	0.353	-.1559903	.0561611
rho43	.216682	.0746633	2.90	0.004	.066527	.3572401
rho53	-.2136721	.0427361	-5.00	0.000	-.2956848	-.1285327
rho63	.0306944	.0519784	0.59	0.555	-.0711473	.1319028
rho73	-.0610357	.056807	-1.07	0.283	-.171166	.0506011
rho54	-.1151392	.0520469	-2.21	0.027	-.2155959	-.0122709
rho64	.0769016	.0622968	1.23	0.217	-.0457402	.1972596
rho74	-.0359364	.0687161	-0.52	0.601	-.1691651	.098582
rho65	-.2148375	.0401167	-5.36	0.000	-.2919251	-.1349768
rho75	.2093313	.0454964	4.60	0.000	.1186525	.2965473
rho76	.0221274	.0525427	0.42	0.674	-.0807252	.1245137

Likelihood ratio test of rho21 = rho31 = rho41 = rho51 = rho61 = rho71 = rho32 = rho42 = rho52 = rho62 = rho72 = rho43 = rho53 = rho63 = rho73 = rho54 = rho64 = rho74 = rho65 = rho75 = rho76 = 0:
chi2(21) = 165.611　Prob > chi2 = 0.0000

分析結果　E 4

Multivariate probit (SML, # draws = 5)

Number of obs	= 1964
Wald chi2(106)	= 1118.83
Prob > chi2	= 0.0000

Log likelihood = -5180.0385

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
bi1326						
klevel4	.175047	.1149049	1.52	0.128	-.0501624	.4002565
klevel5	.2508594	.1251409	2.00	0.045	.0055877	.4961311
r1308_1	.6964756	.271512	2.57	0.010	.1643218	1.228629
r1308_2	.5688203	.3213376	1.77	0.077	-.0609897	1.19863
r1308_3	1.350978	.3946771	3.42	0.001	.5774254	2.124531
r1308_4	.7943357	.3556049	2.23	0.025	.0973628	1.491309
r1308_5	.8018325	.2821292	2.84	0.004	.2488695	1.354795
r1308_6	.5191978	.2822829	1.84	0.066	-.0340666	1.072462
r1308_7	.7810212	.3472673	2.25	0.025	.1003899	1.461653
r1308_8	.6013754	.3641853	1.65	0.099	-.1124147	1.315166
r1308_9	.6131927	.2837116	2.16	0.031	.0571281	1.169257
r1308_10	.9816344	.3358922	2.92	0.003	.3232977	1.639971
r1308_11	.6285425	.2764431	2.27	0.023	.0867241	1.170361
r1308_12	.8083409	.2896099	2.79	0.005	.2407158	1.375966
r103_3	.3024792	.0848024	3.57	0.000	.1362694	.4686889
r103_4	.7118357	.1093183	6.51	0.000	.4975757	.9260957
syotoku1000	-.1406607	.0782837	-1.80	0.072	-.2940939	.0127724
syotoku1000_	.1776696	.1333544	1.33	0.183	-.0837003	.4390395
r7_1	1.431152	.1180994	12.12	0.000	1.199681	1.662623
r7_2a	.461446	.0953449	4.84	0.000	.2745734	.6483186
r7_2b	.725519	.1088324	6.67	0.000	.5122113	.9388267
_cons	-1.884346	.274446	-6.87	0.000	-2.42225	-1.346442
bi1330						
klevel3	.50848	.1149714	4.42	0.000	.2831402	.7338197
klevel4	.8675119	.128163	6.77	0.000	.616317	1.118707
klevel5	1.017476	.1388731	7.33	0.000	.74529	1.289662
r1308_6	-.3858255	.1328246	-2.90	0.004	-.6461569	-.1254941
r1308_10	.2422931	.2443783	0.99	0.321	-.2366796	.7212658
r103_3	.3698488	.1114975	3.32	0.001	.1513178	.5883799
r103_4	.6301582	.1421298	4.43	0.000	.351589	.9087275
syotoku1000	.0866549	.0947973	0.91	0.361	-.0991443	.2724542
syotoku1000_	.2088064	.1570101	1.33	0.184	-.0989276	.5165405
bed15_	.3538863	.1001036	3.54	0.000	.157687	.5500857
r7_1	.5133029	.1533078	3.35	0.001	.212825	.8137807
r7_2a	.168094	.1155837	1.45	0.146	-.0584459	.3946339
r7_2b	.1732251	.1375058	1.26	0.208	-.0962813	.4427316
_cons	-1.974768	.114901	-17.19	0.000	-2.19997	-1.749566
bi1334						
klevel2	.2796562	.1195638	2.34	0.019	.0453154	.513997
klevel3	.3361786	.1369032	2.46	0.014	.0678533	.6045039
klevel4	.6843606	.15211	4.50	0.000	.3862304	.9824908
klevel5	1.015063	.1603281	6.33	0.000	.7008256	1.3293
r1308_3	.8258428	.2988072	2.76	0.006	.2401915	1.411494
r1308_6	-.3232269	.1331145	-2.43	0.015	-.5841265	-.0623273
r1308_8	-.7445156	.4998544	-1.49	0.136	-1.724212	.235181
r1308_11	-.2154201	.1167639	-1.84	0.065	-.4442732	.0134329
r103_3	.2031516	.1123485	1.81	0.071	-.0170474	.4233506
r103_4	.2699999	.1496719	1.80	0.071	-.0233516	.5633514
syotoku1000	.051545	.0936916	0.55	0.582	-.1320872	.2351772
syotoku1000_	-.0235831	.1678426	-0.14	0.888	-.3525485	.3053824
bed15_	.2233746	.1027413	2.17	0.030	.0220054	.4247437
r7_1	.5176503	.1507512	3.43	0.001	.2221834	.8131172
r7_2a	.1655236	.1161096	1.43	0.154	-.0620471	.3930942
r7_2b	.4400148	.1286422	3.42	0.001	.1878806	.6921489
_cons	-1.837052	.1220201	-15.06	0.000	-2.076207	-1.597897
bi1338						
klevel3	.4126945	.1636563	2.52	0.012	.0919341	.7334549
klevel4	.5254305	.192494	2.73	0.006	.1481492	.9027118
klevel5	.7213752	.205122	3.52	0.000	.3193435	1.123407
r1308_6	-.6117885	.2516568	-2.43	0.015	-1.105027	-.1185502
r1308_9	-.4671297	.2441181	-1.91	0.056	-.9455923	.0113329
r103_3	.3258066	.1499271	2.17	0.030	.0319549	.6196583
r103_4	.1925767	.1897497	1.01	0.310	-.1793259	.5644793
syotoku1000	.1352185	.1331099	1.02	0.310	-.1256722	.3961092
syotoku1000_	.2814474	.2268365	1.24	0.215	-.1631439	.7260387
r7_1	.5152222	.2140138	2.41	0.016	.0957628	.9346817
r7_2a	.5018856	.1504421	3.34	0.001	.2070244	.7967468
r7_2b	.2388215	.1968047	1.21	0.225	-.1469086	.6245515
_cons	-2.391107	.1598259	-14.96	0.000	-2.70436	-2.077854
bi1342						
klevel1	.3105465	.0852764	3.64	0.000	.1434078	.4776852
klevel2	.2357434	.0891441	2.64	0.008	.0610241	.4104627
klevel3	.3084542	.0971812	3.17	0.002	.1179825	.4989259
klevel4	.2745557	.109643	2.50	0.012	.0596595	.489452
r1308_1	.1926376	.0686341	2.81	0.005	.0581173	.3271579
r1308_4	-.6030168	.27281	-2.21	0.027	-1.137715	-.0683191
r1308_6	.3748514	.0915897	4.09	0.000	.195339	.5543639
r103_2	-.036132	.064832	-0.56	0.577	-.1632005	.0909365
syotoku1000	.0686533	.0697724	0.98	0.325	-.0680981	.2054047
syotoku1000_	.1046403	.1200287	0.87	0.383	-.1306117	.3398924
bed15_	-.297517	.0704824	-4.22	0.000	-.43566	-.1593739
r7_1	-.4699115	.1134926	-4.14	0.000	-.692353	-.24747
r7_2a	-.4212741	.087837	-4.80	0.000	-.5934315	-.2491167
r7_2b	-.3586397	.1040798	-3.45	0.001	-.5626323	-.1546471
_cons	-.2838932	.0962228	-2.95	0.003	-.4724866	-.0952999
bi1346						
klevel1	.2090028	.0959571	2.18	0.029	.0209304	.3970752
klevel2	.3605117	.0979681	3.68	0.000	.1684978	.5525257
klevel3	.204407	.1113591	1.84	0.066	-.0138528	.4226668
r1308_1	-.0157497	.101009	-0.16	0.876	-.2137237	.1822242
r1308_2	-.5300523	.2452242	-2.16	0.031	-1.010683	-.0494217
r1308_3	-.4720259	.3915575	-1.21	0.228	-1.239465	.2954128
r1308_5	-.2306089	.1309518	-1.76	0.078	-.4872697	.026052
r1308_6	-.0201524	.1233003	-0.16	0.870	-.2618166	.2215118
r1308_8	-.2766922	.2893584	-0.96	0.339	-.8438242	.2904397
r1308_11	-.3489631	.1179045	-2.96	0.003	-.5800517	-.1178746
r1308_12	-.1563502	.1513813	-1.03	0.302	-.453052	.1403517
r103_3	.1080031	.0854025	1.26	0.206	-.0593828	.275389
syotoku1000	-.1192729	.0751657	-1.59	0.113	-.2665949	.0280491
syotoku1000_	-.2131052	.1426602	-1.49	0.135	-.492714	.0665036
bed15_	-.3068696	.0832706	-3.69	0.000	-.4700769	-.1436623
r7_2a	-.1699476	.099376	-1.71	0.087	-.3647211	.0248258
_cons	-.9133712	.1147754	-7.96	0.000	-1.138327	-.6884155
bi13504						
klevel1	.2999557	.199705	1.50	0.133	-.091459	.6913704
klevel2	.4857322	.2033867	2.39	0.017	.0871016	.8843628
klevel3	.5182863	.2126201	2.44	0.015	.1015585	.935014
klevel4	.7341218	.2234102	3.29	0.001	.2962459	1.171998
klevel5	.6268665	.2323848	2.70	0.007	.1714008	1.082332
r1308_6	.6110767	.102024	5.99	0.000	.4111132	.8110401
r1308_8	.5768685	.2697319	2.14	0.032	.0482037	1.105533
r103_2	.295733	.1470629	2.01	0.044	.007495	.5839709
r103_3	.6666441	.1601664	4.16	0.000	.3527237	.9805645
r103_4	.8184918	.1761123	4.65	0.000	.473318	1.163666
syotoku1000	.1928256	.0890857	2.16	0.030	.0182209	.3674304
syotoku1000_	.4790786	.1397762	3.43	0.001	.2051223	.7530349
r7_2a	-.217569	.1211151	-1.80	0.072	-.4549503	.0198122
r7_89	.696296	.2028644	3.43	0.001	.2986891	1.093903
_cons	-2.355561	.2095444	-11.24	0.000	-2.766261	-1.944862
/atrho21	.2044123	.0490989	4.16	0.000	.1081803	.3006443
/atrho31	.1083478	.048855	2.22	0.027	.0125938	.2041019
/atrho41	.0193714	.0681171	0.28	0.776	-.1141355	.1528784
/atrho51	-.0212209	.0383142	-0.55	0.580	-.0963153	.0538734
/atrho61	-.1737474	.047412	-3.66	0.000	-.2666732	-.0808217
/atrho71	.0000328	.0516826	0.00	0.999	-.1012631	.1013288
/atrho32	.2266517	.0525202	4.32	0.000	.123714	.3295895
/atrho42	.2014506	.0684772	2.94	0.003	.0672378	.3356633
/atrho52	-.1879158	.0435223	-4.32	0.000	-.2732179	-.1026137
/atrho62	-.1396133	.0548557	-2.55	0.011	-.2471285	-.0320981
/atrho72	-.0488502	.0544897	-0.90	0.370	-.1556481	.0579477
/atrho43	.2193852	.0784839	2.80	0.005	.0655595	.3732109
/atrho53	-.2161044	.0447131	-4.83	0.000	-.3037404	-.1284683
/atrho63	.0281762	.0521151	0.54	0.589	-.0739676	.1303199
/atrho73	-.06195	.057029	-1.09	0.277	-.1737247	.0498248
/atrho54	-.1158452	.0528745	-2.19	0.028	-.2194773	-.0122131
/atrho64	.0768805	.0631619	1.22	0.224	-.0469144	.2006755
/atrho74	-.0320267	.0692221	-0.46	0.644	-.1676995	.1036461
/atrho65	-.2174703	.0421798	-5.16	0.000	-.3001411	-.1347994
/atrho75	.213148	.0475961	4.48	0.000	.1198614	.3064347
/atrho76	.021221	.0527384	0.40	0.687	-.0821444	.1245864
rho21	.201612	.0471031	4.28	0.000	.1077603	.2919021
rho31	.1079258	.0482859	2.24	0.025	.0125931	.2013142
rho41	.019369	.0680915	0.28	0.776	-.1136425	.1516984
rho51	-.0212177	.0382969	-0.55	0.580	-.0960185	.0538214
rho61	-.1720199	.046009	-3.74	0.000	-.2605266	-.0806461
rho71	.0000328	.0516826	0.00	0.999	-.1009184	.1009834
rho32	.2228487	.049912	4.46	0.000	.1230867	.3181518
rho42	.198769	.0657717	3.02	0.003	.0671367	.3236003
rho52	-.1857347	.0420209	-4.42	0.000	-.2666166	-.1022551
rho62	-.1387132	.0538002	-2.58	0.010	-.2422175	-.0320871
rho72	-.0488114	.0543599	-0.90	0.369	-.1544032	.0578829
rho43	.215932	.0748245	2.89	0.004	.0654657	.3567971
rho53	-.2128019	.0426883	-4.99	0.000	-.2947319	-.1277662
rho63	.0281687	.0520738	0.54	0.589	-.073833	.1295871
rho73	-.0618708	.0568107	-1.09	0.276	-.1719979	.0497836
rho54	-.1153298	.0521712	-2.21	0.027	-.2160198	-.0122125
rho64	.0767294	.06279	1.22	0.222	-.04688	.1980244
rho74	-.0320158	.0691511	-0.46	0.643	-.166145	.1032765
rho65	-.2141056	.0402462	-5.32	0.000	-.2914417	-.1339889
rho75	.2099777	.0454976	4.62	0.000	.1192906	.2971902
rho76	.0212179	.0527147	0.40	0.687	-.0819601	.1239458

Likelihood ratio test of rho21 = rho31 = rho41 = rho51 = rho61 = rho71 = rho32 = rho42 = rho52 = rho62 = rho72 = rho43 = rho53 = rho63 = rho73 = rho54 = rho64 = rho74 = rho65 = rho75 = rho76 = 0:
chi2(21) = 165.449　Prob > chi2 = 0.0000

分析結果　E 5

Multivariate probit (SML, # draws = 5)

Log likelihood = -5185.0816

Number of obs	= 1964
Wald chi2(95)	= 1111.29
Prob > chi2	= 0.0000

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
bi1326						
klevel4	.1746784	.1149144	1.52	0.128	-.0505496	.3999065
klevel5	.2519577	.1251371	2.01	0.044	.0066935	.497222
r1308_1	.6956144	.2715541	2.56	0.010	.1633782	1.227851
r1308_2	.5653236	.3214236	1.76	0.079	-.0646551	1.195302
r1308_3	1.321799	.3940136	3.35	0.001	.5495464	2.094051
r1308_4	.7926731	.3557346	2.23	0.026	.0954461	1.4899
r1308_5	.7993777	.2822195	2.83	0.005	.2462377	1.352518
r1308_6	.5169144	.2822699	1.83	0.067	-.0363245	1.070153
r1308_7	.7811543	.3473614	2.25	0.025	.1003386	1.46197
r1308_8	.5828051	.3636636	1.60	0.109	-.1299624	1.295573
r1308_9	.612876	.2838463	2.16	0.031	.0565475	1.169205
r1308_10	.9657402	.3356592	2.88	0.004	.3078603	1.62362
r1308_11	.625983	.2765419	2.26	0.024	.0839708	1.167995
r1308_12	.7980052	.2895157	2.76	0.006	.2305648	1.365446
r103_3	.309335	.0846673	3.65	0.000	.1433902	.4752798
r103_4	.7098573	.1092975	6.49	0.000	.4956382	.9240765
syotoku1000	-.1428669	.078267	-1.83	0.068	-.2962674	.0105336
syotoku1000_	.1741679	.1333213	1.31	0.191	-.087137	.4354729
r7_1	1.428038	.1180911	12.09	0.000	1.196584	1.659492
r7_2a	.4586968	.0953099	4.81	0.000	.2718928	.6455007
r7_2b	.7132794	.1085361	6.57	0.000	.5005526	.9260062
_cons	-1.878961	.2745268	-6.84	0.000	-2.417023	-1.340898
bi1330						
klevel3	.5038099	.1146449	4.39	0.000	.27911	.7285098
klevel4	.8596815	.12781	6.73	0.000	.6091784	1.110184
klevel5	1.022209	.1387191	7.37	0.000	.7503244	1.294093
r1308_6	-.3943026	.1322983	-2.98	0.003	-.6536026	-.1350027
r103_3	.3733857	.1110303	3.36	0.001	.1557704	.5910011
r103_4	.6208965	.141666	4.38	0.000	.3432363	.8985568
syotoku1000	.062101	.0923737	0.67	0.501	-.1189482	.2431502
syotoku1000_	.1673342	.153199	1.09	0.275	-.1329303	.4675987
bed15_	.3446341	.0998821	3.45	0.001	.1488688	.5403995
r7_1	.4661419	.1486201	3.14	0.002	.1748518	.7574319
r7_2a	.129939	.1115604	1.16	0.244	-.0887154	.3485935
_cons	-1.914637	.1061923	-18.03	0.000	-2.12277	-1.706504
bi1334						
klevel2	.2782278	.1195354	2.33	0.020	.0439427	.512513
klevel3	.3361572	.1368259	2.46	0.014	.0679835	.604331
klevel4	.6845825	.15201	4.50	0.000	.3866484	.9825166
klevel5	1.01954	.1602148	6.36	0.000	.7055247	1.333555
r1308_3	.8287621	.2988284	2.77	0.006	.2430691	1.414455
r1308_6	-.3236054	.1330925	-2.43	0.015	-.5844619	-.062749
r1308_8	-.7410095	.4992157	-1.48	0.138	-1.719454	.2374352
r1308_11	-.2147403	.1167705	-1.84	0.066	-.4436063	.0141256
r103_3	.2032033	.1121208	1.81	0.070	-.0165494	.422956
r103_4	.2645385	.1493577	1.77	0.077	-.0281972	.5572741
syotoku1000	.0479206	.0936371	0.51	0.609	-.1356048	.231446
syotoku1000_	-.0296685	.1677134	-0.18	0.860	-.3583807	.2990436
bed15_	.2219843	.102715	2.16	0.031	.0206666	.4233021
r7_1	.5106898	.1506752	3.39	0.001	.2153719	.8060078
r7_2a	.16035	.1159846	1.38	0.167	-.0669757	.3876757
r7_2b	.4160973	.1280298	3.25	0.001	.1651636	.6670311
_cons	-1.829111	.1218451	-15.01	0.000	-2.067923	-1.590299
bi1338						
klevel3	.4636004	.1555029	2.98	0.003	.1588202	.7683806
klevel4	.6036991	.1679155	3.60	0.000	.2745907	.9328075
klevel5	.855917	.1558745	5.49	0.000	.5504086	1.161426
r1308_6	-.6298418	.2518363	-2.50	0.012	-1.123432	-.1362518
r1308_9	-.4622642	.2421666	-1.91	0.056	-.9369021	.0123736
r103_3	.2419709	.1266467	1.91	0.056	-.0062521	.4901938
syotoku1000	.1092646	.1315966	0.83	0.406	-.1486599	.3671891
syotoku1000_	.2184233	.222072	0.98	0.325	-.2168297	.6536764
r7_1	.4406736	.2067183	2.13	0.033	.0355132	.8458339
r7_2a	.4466956	.1440694	3.10	0.002	.1643248	.7290663
_cons	-2.296639	.1455605	-15.78	0.000	-2.581932	-2.011345
bi1342						
klevel1	.3044901	.0842431	3.61	0.000	.1393766	.4696036
klevel2	.2293915	.0879801	2.61	0.009	.0569536	.4018293
klevel3	.3072793	.0970954	3.16	0.002	.1169759	.4975828
klevel4	.2806751	.1095005	2.56	0.010	.0660581	.4952921
r1308_1	.1950406	.0682576	2.86	0.004	.0612581	.328823
r1308_4	-.5959685	.2728287	-2.18	0.029	-1.130703	-.0612341
r1308_6	.375271	.0910408	4.12	0.000	.1968342	.5537077
syotoku1000	.070732	.0697416	1.01	0.310	-.065959	.207423
syotoku1000_	.1063226	.1199372	0.89	0.375	-.12875	.3413952
bed15_	-.2858985	.0674019	-4.24	0.000	-.4180038	-.1537932
r7_1	-.4676014	.1134545	-4.12	0.000	-.6899681	-.2452346
r7_2a	-.4203291	.0877987	-4.79	0.000	-.5924113	-.2482468
r7_2b	-.3456349	.1037723	-3.33	0.001	-.5490248	-.1422449
_cons	-.302661	.0928888	-3.26	0.001	-.4847197	-.1206024
bi1346						
klevel1	.1954186	.0949456	2.06	0.040	.0093286	.3815087
klevel2	.375208	.0972449	3.86	0.000	.1846115	.5658045
klevel3	.2346789	.1090745	2.15	0.031	.0208967	.448461
r1308_2	-.4905371	.2367466	-2.07	0.038	-.9545519	-.0265224
r1308_5	-.1885659	.115094	-1.64	0.101	-.414146	.0370143
r1308_11	-.3134952	.0996608	-3.15	0.002	-.5088268	-.1181635
syotoku1000	-.1133652	.0748853	-1.51	0.130	-.2601377	.0334074
syotoku1000_	-.2083738	.1426118	-1.46	0.144	-.4878878	.0711401
bed15_	-.2892827	.0823319	-3.51	0.000	-.4506502	-.1279152
r7_2a	-.1703948	.0981558	-1.74	0.083	-.3627767	.0219871
_cons	-.9387102	.0920304	-10.20	0.000	-1.119087	-.758334
bi13504						
klevel1	.2988217	.1996403	1.50	0.134	-.092466	.6901095
klevel2	.4853476	.2033332	2.39	0.017	.0868219	.8838733
klevel3	.5184752	.2125907	2.44	0.015	.101805	.9351454
klevel4	.7350938	.2233366	3.29	0.001	.2973621	1.172825
klevel5	.6267351	.2323311	2.70	0.007	.1713746	1.082096
r1308_6	.6105445	.1020075	5.99	0.000	.4106135	.8104755
r1308_8	.5816822	.2695931	2.16	0.031	.0532895	1.110075
r103_2	.3001583	.1468051	2.04	0.041	.0124257	.587891
r103_3	.6641944	.1601343	4.15	0.000	.3503369	.9780518
r103_4	.8194445	.1759892	4.66	0.000	.4745119	1.164377
syotoku1000	.193009	.0890833	2.17	0.030	.018409	.3676089
syotoku1000_	.4789533	.1397852	3.43	0.001	.2049794	.7529273
r7_2a	-.2173297	.1211034	-1.79	0.073	-.4546881	.0200287
r7_89	.6953991	.2028892	3.43	0.001	.2977435	1.093055
_cons	-2.356617	.2094433	-11.25	0.000	-2.767118	-1.946116
/atrho21	.2050242	.0490459	4.18	0.000	.108896	.3011525
/atrho31	.1084538	.048847	2.22	0.026	.0127153	.2041922
/atrho41	.0168415	.0681412	0.25	0.805	-.1167127	.1503958
/atrho51	-.0217141	.0383159	-0.57	0.571	-.0968119	.0533837
/atrho61	-.173829	.0474477	-3.66	0.000	-.2668247	-.0808333
/atrho71	-.0004843	.0516783	-0.01	0.993	-.1017718	.1008032
/atrho32	.2265453	.0524599	4.32	0.000	.1237258	.3293649
/atrho42	.2018253	.0685888	2.94	0.003	.0673937	.3362569
/atrho52	-.1883884	.0434936	-4.33	0.000	-.2736344	-.1031425
/atrho62	-.1365227	.0545427	-2.50	0.012	-.2434245	-.0296209
/atrho72	-.0507443	.0544668	-0.93	0.352	-.1574972	.0560087
/atrho43	.2210125	.0781897	2.83	0.005	.0677634	.3742616
/atrho53	-.2161239	.0446993	-4.84	0.000	-.3037329	-.1285148
/atrho63	.0301931	.0520563	0.58	0.562	-.0718354	.1322216
/atrho73	-.0622959	.0570154	-1.09	0.275	-.1740441	.0494523
/atrho54	-.1167807	.0528225	-2.21	0.027	-.2203108	-.0132506
/atrho64	.0750622	.0627363	1.20	0.232	-.0478988	.1980232
/atrho74	-.0377411	.0689127	-0.55	0.584	-.1728074	.0973252
/atrho65	-.2177757	.0420806	-5.18	0.000	-.3002522	-.1352991
/atrho75	.2124843	.0475941	4.46	0.000	.1192016	.305767
/atrho76	.0221403	.0525839	0.42	0.674	-.0809221	.1252028
rho21	.202199	.0470407	4.30	0.000	.1084676	.292367
rho31	.1080306	.048277	2.24	0.025	.0127147	.2014009
rho41	.0168399	.0681219	0.25	0.805	-.1161857	.149272
rho51	-.0217107	.0382978	-0.57	0.571	-.0965105	.0533331
rho61	-.1720991	.0460423	-3.74	0.000	-.2606677	-.0806577
rho71	-.0004843	.0516782	-0.01	0.993	-.1014219	.1004632
rho32	.2227476	.049857	4.47	0.000	.1230983	.31795
rho42	.1991288	.0658691	3.02	0.003	.0672918	.3241316
rho52	-.186191	.0419858	-4.43	0.000	-.2670034	-.1027783
rho62	-.1356808	.0535386	-2.53	0.011	-.2387277	-.0296122
rho72	-.0507008	.0543268	-0.93	0.351	-.1562078	.0559502
rho43	.2174829	.0744915	2.92	0.004	.0676599	.3577136
rho53	-.2128206	.0426748	-4.99	0.000	-.294725	-.1278119
rho63	.0301839	.0520089	0.58	0.562	-.0717121	.1314564
rho73	-.0622154	.0567947	-1.10	0.273	-.1723078	.049412
rho54	-.1162527	.0521086	-2.23	0.026	-.2168143	-.0132498
rho64	.0749215	.0623842	1.20	0.230	-.0478622	.1954748
rho74	-.0377232	.0688146	-0.55	0.584	-.1711076	.0970191
rho65	-.214397	.0401464	-5.34	0.000	-.2915434	-.1344795
rho75	.2093432	.0455083	4.60	0.000	.1186402	.2965813
rho76	.0221367	.0525581	0.42	0.674	-.080746	.1245526

Likelihood ratio test of rho21 = rho31 = rho41 = rho51 = rho61 = rho71 = rho32 = rho42 = rho52 = rho62 = rho72 = rho43 = rho53 = rho63 = rho73 = rho54 = rho64 = rho74 = rho65 = rho75 = rho76 = 0:
chi2(21) = 166.146　Prob > chi2 = 0.0000

分析結果　F 1

Multivariate probit (SML, # draws = 5)

Log likelihood = -5142.4557

Number of obs	= 1964
Wald chi2(182)	= 1160.01
Prob > chi2	= 0.0000

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
bi1326						
klevel1	.1404334	.1216745	1.15	0.248	-.0980443	.3789111
klevel2	.1688692	.1312837	1.29	0.198	-.088442	.4261805
klevel3	.2131077	.1427716	1.49	0.136	-.0667196	.492935
klevel4	.3859276	.1620919	2.38	0.017	.0682334	.7036219
klevel5	.5025262	.1722333	2.92	0.004	.1649551	.8400973
r1308_1	.6870087	.2727558	2.52	0.012	.1524172	1.2216
r1308_2	.5422353	.322614	1.68	0.093	-.0900765	1.174547
r1308_3	1.423205	.395069	3.60	0.000	.6488842	2.197526
r1308_4	.8295259	.3579996	2.32	0.020	.1278595	1.531192
r1308_5	.7736903	.2838839	2.73	0.006	.2172882	1.330092
r1308_6	.5487642	.2838496	1.93	0.053	-.0075709	1.105099
r1308_7	.78063	.3484675	2.24	0.025	.0976463	1.463614
r1308_8	.6036981	.3658372	1.65	0.099	-.1133297	1.320726
r1308_9	.589219	.2853439	2.06	0.039	.0299553	1.148483
r1308_10	.9600198	.3388047	2.83	0.005	.2959747	1.624065
r1308_11	.6424109	.2777504	2.31	0.021	.09803	1.186792
r1308_12	.7806682	.2912353	2.68	0.007	.2098576	1.351479
r1309_2	.0602469	.0865886	0.68	0.496	-.1133835	.2338774
r1309_3	.395011	.1242531	3.19	0.001	.1524795	.6395425
syotoku1000	-.1280663	.0783368	-1.63	0.102	-.2816036	.025471
syotoku1000_	.1593387	.1335572	1.19	0.233	-.1024286	.421106
bed15_	.1920067	.0828656	2.32	0.020	.0295931	.3544204
r7_1	1.443763	.1196811	12.06	0.000	1.209192	1.678333
r7_2a	.4563484	.0955614	4.78	0.000	.2690515	.6436452
r7_2b	.7261311	.1093684	6.64	0.000	.511773	.9404893
r7_89	.0738086	.221447	0.33	0.739	-.3602195	.5078366
_cons	-2.026144	.2927867	-6.92	0.000	-2.599995	-1.452292
bi1330						
klevel1	-.0479504	.1849371	-0.26	0.795	-.4104205	.3145196
klevel2	.2434026	.1871529	1.30	0.193	-.1234103	.6102155
klevel3	.6747194	.1918979	3.52	0.000	.2986065	1.050832
klevel4	.9665605	.2037069	4.74	0.000	.5673024	1.365819
klevel5	1.066388	.2139801	4.98	0.000	.6469949	1.485782
r1308_1	.0422327	.2572495	0.16	0.870	-.461967	.5464325
r1308_2	.1627414	.3314244	0.49	0.623	-.4868385	.8123213
r1308_3	.3106946	.445881	0.70	0.486	-.5632161	1.184605
r1308_4	-.2097433	.3971111	-0.53	0.597	-.9880667	.5685801
r1308_5	-.0475275	.2822441	-0.17	0.866	-.6007157	.5056608
r1308_6	-.3241404	.2782242	-1.17	0.244	-.8694499	.221169
r1308_7	-.2330268	.4007378	-0.58	0.561	-1.018459	.5524049
r1308_8	-.0360481	.4365743	-0.08	0.934	-.891718	.8196218
r1308_9	-.0358812	.2758743	-0.13	0.897	-.576585	.5048225
r1308_10	.2957951	.3483119	0.85	0.396	-.3868837	.9784739
r1308_11	.1255067	.2659141	0.47	0.637	-.3956754	.6466888
r1308_12	.0649788	.2907199	0.22	0.823	-.5048216	.6347793
r1309_2	.052112	.1242503	0.42	0.675	-.1914141	.2956381
r1309_3	.6184269	.1489201	4.15	0.000	.3265487	.910305
syotoku1000	.095254	.0964104	0.99	0.323	-.093707	.2842149
syotoku1000_	.2264663	.1590895	1.42	0.155	-.0853433	.5382759
bed15_	.4323189	.093306	4.63	0.000	.2494425	.6151953
r7_1	.585824	.1564139	3.75	0.000	.2792584	.8923896
r7_2a	.1613531	.1188343	1.36	0.175	-.0715579	.3942641
r7_2b	.1865823	.1414341	1.32	0.187	-.0906235	.4637881
r7_89	-.3279256	.246895	-1.33	0.184	-.811831	.1559798
_cons	-2.115353	.3037793	-6.96	0.000	-2.71075	-1.519957
bi1334						
klevel1	.0662149	.1768069	0.37	0.708	-.2803202	.4127501
klevel2	.3453998	.1801399	1.92	0.055	-.007668	.6984676
klevel3	.3647066	.1929822	1.89	0.059	-.0135315	.7429448
klevel4	.6789372	.2065537	3.29	0.001	.2740993	1.083775
klevel5	.9511668	.2144303	4.44	0.000	.5308912	1.371442
r1308_1	-.2349759	.236128	-1.00	0.320	-.6977783	.2278264
r1308_2	-.3813288	.335545	-1.14	0.256	-1.038985	.2763274
r1308_3	.8184081	.3739596	2.19	0.029	.0854607	1.551356
r1308_4	.1962421	.3423155	0.57	0.566	-.4746839	.8671681
r1308_5	-.1812242	.2567631	-0.71	0.480	-.6844707	.3220222
r1308_6	-.44923	.2583308	-1.74	0.082	-.9555492	.0570891
r1308_7	.2307927	.3222892	0.72	0.474	-.4008826	.862468
r1308_8	-.9069819	.5448798	-1.66	0.096	-1.974927	.160963
r1308_9	-.2129118	.2548609	-0.84	0.403	-.71243	.2866063
r1308_10	.1757951	.3231904	0.54	0.586	-.4576465	.8092367
r1308_11	-.3937807	.2499948	-1.58	0.115	-.8837614	.0962001
r1308_12	-.3301013	.275542	-1.20	0.231	-.8701536	.2099511
r1309_2	.1782764	.1227574	1.45	0.146	-.0623236	.4188764
r1309_3	.5421971	.153573	3.53	0.000	.2411995	.8431946
syotoku1000	.0704959	.0952735	0.74	0.459	-.1162368	.2572286
syotoku1000_	-.0294344	.1713477	-0.17	0.864	-.3652696	.3064009
bed15_	.2223032	.0958711	2.32	0.020	.0343992	.4102072
r7_1	.5406061	.1536923	3.52	0.000	.2393748	.8418375
r7_2a	.1692741	.1182668	1.43	0.152	-.0625246	.4010728
r7_2b	.4443643	.131272	3.39	0.001	.1870758	.7016528
r7_89	-.1312979	.2539758	-0.52	0.605	-.6290814	.3664856
_cons	-1.841774	.2866389	-6.43	0.000	-2.403576	-1.279972
bi1338						
klevel1	.0747873	.2800136	0.27	0.789	-.4740294	.6236039
klevel2	-.0036451	.2955103	-0.01	0.990	-.5828345	.5755444
klevel3	.3831983	.2931272	1.31	0.191	-.1913206	.9577171
klevel4	.4281617	.3222307	1.33	0.184	-.203399	1.059722
klevel5	.4542227	.3299718	1.38	0.169	-.1925101	1.100956
r1308_1	.1652582	.3479043	0.48	0.635	-.5166218	.8471382
r1308_2	-.5045595	.5563955	-0.91	0.364	-1.595075	.5859557
r1308_3	.422067	.5728162	0.74	0.461	-.7006321	1.544766
r1308_4	-.4265655	.6010049	-0.71	0.478	-1.604513	.7513824
r1308_5	-.1771931	.3848922	-0.46	0.645	-.9315679	.5771816
r1308_6	-.5596427	.4232434	-1.32	0.186	-1.389185	.2698991
r1308_7	-.1219301	.5019983	-0.24	0.808	-1.105829	.8619684
r1308_8	-3.970844	272.8732	-0.01	0.988	-538.7925	530.8508
r1308_9	-.5192607	.4160352	-1.25	0.212	-1.334675	.2961534
r1308_10	.298301	.4472621	0.67	0.505	-.5783165	1.174919
r1308_11	-.3231741	.3804518	-0.85	0.396	-1.068846	.4224977
r1308_12	-.2066675	.4066452	-0.51	0.611	-1.003677	.5903424
r1309_2	.6043534	.2392486	2.53	0.012	.1354348	1.073272
r1309_3	.9283834	.2732008	3.40	0.001	.3929197	1.463847
syotoku1000	.147315	.1379697	1.07	0.286	-.1231007	.4177307
syotoku1000_	.3777678	.2340024	1.61	0.106	-.0808685	.8364041
bed15_	-.069815	.1466407	-0.48	0.634	-.3572256	.2175955
r7_1	.6166136	.227555	2.71	0.007	.1706141	1.062613
r7_2a	.4991912	.1586633	3.15	0.002	.1882169	.8101655
r7_2b	.3215241	.2058643	1.56	0.118	-.0819625	.7250107
r7_89	-.4372957	.4541643	-0.96	0.336	-1.327441	.4528499
_cons	-2.818449	.4657298	-6.05	0.000	-3.731262	-1.905635
bi1342						
klevel1	.3300199	.1032401	3.20	0.001	.1276729	.5323668
klevel2	.251725	.1109083	2.27	0.023	.0343487	.4691014
klevel3	.3493815	.1229181	2.84	0.004	.1084665	.5902966
klevel4	.3653825	.1443788	2.53	0.011	.0824052	.6483598
klevel5	.1739294	.1571023	1.11	0.268	-.1339855	.4818442
r1308_1	.3049959	.197036	1.55	0.122	-.0811874	.6911793
r1308_2	.0598486	.2496472	0.24	0.811	-.4294509	.5491481
r1308_3	-.3175719	.3647902	-0.87	0.384	-1.032548	.3974038
r1308_4	-.4681076	.3333241	-1.40	0.160	-1.121411	.1851955
r1308_5	-.0121171	.21047	-0.06	0.954	-.4246308	.4003965
r1308_6	.4727869	.2072833	2.28	0.023	.066519	.8790548
r1308_7	.0514512	.2766019	0.19	0.852	-.4906785	.5935809
r1308_8	.194635	.2933702	0.66	0.507	-.38036	.76963
r1308_9	.2130155	.2093508	1.02	0.309	-.1973046	.6233356
r1308_10	-.2401624	.2770373	-0.87	0.386	-.7831455	.3028207
r1308_11	.196814	.2014406	0.98	0.329	-.1980023	.5916302
r1308_12	.0556182	.2206738	0.25	0.801	-.3768945	.488131
r1309_2	.0289188	.0755293	0.38	0.702	-.119116	.1769536
r1309_3	-.1646016	.113291	-1.45	0.146	-.3866479	.0574447
syotoku1000	.0672048	.0702933	0.96	0.339	-.0705675	.2049771
syotoku1000_	.0890174	.1210687	0.74	0.462	-.1482729	.3263077
bed15_	-.2647621	.075859	-3.49	0.000	-.4134431	-.1160811
r7_1	-.4776599	.115558	-4.13	0.000	-.7041495	-.2511704
r7_2a	-.4033456	.0891016	-4.53	0.000	-.5779816	-.2287097
r7_2b	-.3703219	.1059744	-3.49	0.000	-.5780279	-.1626158
r7_89	.0989465	.1969177	0.50	0.615	-.2870052	.4848981
_cons	-.4323289	.2156053	-2.01	0.045	-.8549075	-.0097504
bi1346						
klevel1	.2215777	.1276104	1.74	0.083	-.0285341	.4716894
klevel2	.3947275	.1343669	2.94	0.003	.1313733	.6580818
klevel3	.2614678	.1489283	1.76	0.079	-.0304262	.5533618
klevel4	.150554	.1783858	0.84	0.399	-.1990758	.5001838
klevel5	.0335646	.1998154	0.17	0.867	-.3580664	.4251957
r1308_1	-.2427334	.2079004	-1.17	0.243	-.6502107	.164744
r1308_2	-.7671109	.3054428	-2.51	0.012	-1.365768	-.168454
r1308_3	-.6658689	.4323298	-1.54	0.124	-1.51322	.1814819
r1308_4	-4.685129	150.1898	-0.03	0.975	-299.0518	289.6816
r1308_5	-.4467785	.2264755	-1.97	0.049	-.8906624	-.0028946
r1308_6	-.2776959	.2213869	-1.25	0.210	-.7116062	.1562145
r1308_7	.0102919	.2879617	0.04	0.971	-.5541026	.5746865
r1308_8	-.5418926	.3455852	-1.57	0.117	-1.219227	.135442
r1308_9	-.2254311	.2227109	-1.01	0.311	-.6619364	.2110742
r1308_10	-.2725937	.2949258	-0.92	0.355	-.8506377	.3054502
r1308_11	-.6092911	.2177652	-2.80	0.005	-1.036103	-.1824791
r1308_12	-.3745807	.2382903	-1.57	0.116	-.8416212	.0924598
r1309_2	-.0168583	.0883145	-0.19	0.849	-.1899515	.156235
r1309_3	-.1637448	.1342678	-1.22	0.223	-.4269048	.0994152
syotoku1000	-.1299823	.0840018	-1.55	0.122	-.2946229	.0346582
syotoku1000_	-.2169755	.1509693	-1.44	0.151	-.5128698	.0789189
bed15_	-.2543472	.0930314	-2.73	0.006	-.4366854	-.0720091
r7_1	-.041982	.1331913	-0.32	0.753	-.3030321	.219068
r7_2a	-.1528024	.1068369	-1.43	0.153	-.3621989	.0565941
r7_2b	.036381	.1254082	0.29	0.772	-.2094146	.2821766
r7_89	.2326975	.232728	1.00	0.317	-.2234409	.6888359
_cons	-.665716	.2362626	-2.82	0.005	-1.128782	-.2026499
bi13504						
klevel1	.38391	.2008181	1.91	0.056	-.0096863	.7775062
klevel2	.6578839	.2015115	3.26	0.001	.2629287	1.052839
klevel3	.7741777	.2101246	3.68	0.000	.3623409	1.186014
klevel4	1.03116	.223681	4.61	0.000	.5927538	1.469567
klevel5	.9580485	.2364808	4.05	0.000	.4945547	1.421542
r1308_1	.3274289	.3015564	1.09	0.278	-.2636107	.9184686
r1308_2	.0595468	.3944231	0.15	0.880	-.7135083	.8326018
r1308_3	-.0548594	.5888469	-0.09	0.926	-1.208978	1.099259
r1308_4	-.387785	.5218608	-0.74	0.457	-1.410613	.6350433
r1308_5	-.1112008	.3374282	-0.33	0.742	-.772548	.5501463
r1308_6	.8167359	.3077207	2.65	0.008	.2136144	1.419857
r1308_7	.4220325	.3993877	1.06	0.291	-.3607531	1.204818
r1308_8	.8122992	.3981535	2.04	0.041	.0319326	1.592666
r1308_9	.3423993	.3162591	1.08	0.279	-.2774572	.9622557
r1308_10	.1850799	.4097082	0.45	0.651	-.6179334	.9880932
r1308_11	.2334625	.3106126	0.75	0.452	-.375327	.842252
r1308_12	.3058665	.3332299	0.92	0.359	-.3472521	.9589851
r1309_2	.0236092	.1083155	-0.22	0.827	-.2359037	.1886852
r1309_3	-.0108988	.1449474	-0.08	0.940	-.2949904	.2731928
syotoku1000	.1401633	.0956528	1.47	0.143	-.0473126	.3276393
syotoku1000_	.3849125	.1465512	2.63	0.009	.0976774	.6721476
bed15_	.276266	.0942599	2.93	0.003	.09152	.461012
r7_1	-.1906683	.1801372	-1.06	0.290	-.5437308	.1623941
r7_2a	-.2731266	.1272706	-2.15	0.032	-.5225724	-.0236809
r7_2b	-.1632374	.1510892	-1.08	0.280	-.4593667	.132892
r7_89	.6833895	.2055396	3.32	0.001	.2805393	1.08624
_cons	-2.310125	.3537139	-6.53	0.000	-3.003391	-1.616858
/atrho21	.2106011	.0494949	4.26	0.000	.1135929	.3076092
/atrho31	.1047646	.0492342	2.13	0.033	.0082674	.2012619
/atrho41	.0166072	.0710277	0.23	0.815	-.1226046	.155819
/atrho51	-.0166534	.0381802	-0.44	0.663	-.0914851	.0581784
/atrho61	-.1700218	.0474746	-3.58	0.000	-.2630703	-.0769734
/atrho71	.0184953	.0513839	0.36	0.719	-.0822153	.119206
/atrho32	.2124308	.0534644	3.97	0.000	.1076426	.3172191
/atrho42	.1935805	.0714605	2.71	0.007	.0535205	.3336406
/atrho52	-.1816822	.0439414	-4.13	0.000	-.2678057	-.0955587
/atrho62	-.1351976	.0554275	-2.44	0.015	-.2438338	-.0265618
/atrho72	-.0340267	.0550466	-0.62	0.536	-.141916	.0738627
/atrho43	.2216076	.0815986	2.72	0.007	.0616773	.3815379
/atrho53	-.2118366	.0450297	-4.70	0.000	-.3000931	-.12358
/atrho63	.0327468	.0529261	0.62	0.536	-.0709864	.13648
/atrho73	-.0516438	.0576517	-0.90	0.370	-.1646391	.0613515
/atrho54	-.1122547	.0539166	-2.08	0.037	-.2179293	-.0065801
/atrho64	.0877925	.0636681	1.38	0.168	-.0369947	.2125797
/atrho74	-.0375401	.0704493	-0.53	0.594	-.1756181	.100538
/atrho65	-.2218084	.0423947	-5.23	0.000	-.3049006	-.1387162
/atrho75	.2070526	.0474615	4.36	0.000	.1140298	.3000753
/atrho76	.0271655	.0529914	0.51	0.608	-.0766956	.1310267
rho21	.2075417	.0473629	4.38	0.000	.1131068	.2982605
rho31	.104383	.0486977	2.14	0.032	.0082672	.1985877
rho41	.0166057	.0710081	0.23	0.815	-.1219939	.15457
rho51	-.0166518	.0381696	-0.44	0.663	-.0912307	.0581128
rho61	-.1684023	.0461282	-3.65	0.000	-.2571651	-.0768217
rho71	.0184932	.0513663	0.36	0.719	-.0820306	.1186445
rho32	.209292	.0511225	4.09	0.000	.1072287	.3069902
rho42	.1911982	.0688482	2.78	0.005	.0534694	.3217882
rho52	-.1797092	.0425223	-4.23	0.000	-.2615818	-.0952689
rho62	-.1343801	.0544266	-2.47	0.014	-.2391137	-.0265556
rho72	-.0340136	.0549829	-0.62	0.536	-.1409709	.0737286
rho43	.2180498	.0777189	2.81	0.005	.0615992	.3640423
rho53	-.2087237	.0430679	-4.85	0.000	-.2913978	-.1229547
rho63	.0327351	.0528693	0.62	0.536	-.0708674	.1356388
rho73	-.051598	.0574982	-0.90	0.370	-.1631675	.0612746
rho54	-.1117855	.0532429	-2.10	0.036	-.2145435	-.00658
rho64	.0875677	.0631799	1.39	0.166	-.0369778	.2094344
rho74	-.0375224	.0703501	-0.53	0.594	-.1738346	.1002006
rho65	-.218241	.0403755	-5.41	0.000	-.2957909	-.1378333
rho75	.2041436	.0454835	4.49	0.000	.1135381	.2913816
rho76	.0271589	.0529523	0.51	0.608	-.0765456	.130282

Likelihood ratio test of rho21 = rho31 = rho41 = rho51 = rho61 = rho71 = rho32 = rho42 = rho52 = rho62 = rho72 = rho43 = rho53 = rho63 = rho73 = rho54 = rho64 = rho74 = rho65 = rho75 = rho76 = 0:
chi2(21) = 158.698 Prob > chi2 = 0.0000

分析結果　F 2

Multivariate probit (SML, # draws = 5)

Log likelihood = -5180.5724

Number of obs	= 1964
Wald chi2(105)	= 1115.47
Prob > chi2	= 0.0000

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
bi1326						
klevel2	.0752275	.0924609	0.81	0.416	-.1059924	.2564475
klevel3	.1205487	.105783	1.14	0.254	-.0866822	.3279796
klevel4	.2954302	.1302122	2.27	0.023	.040219	.5506415
klevel5	.406575	.1420154	2.86	0.004	.12823	.6849201
r1308_1	.680597	.2712722	2.51	0.012	.1489133	1.212281
r1308_2	.520895	.3206751	1.62	0.104	-.1076165	1.149407
r1308_3	1.389492	.3945263	3.52	0.000	.616235	2.16275
r1308_4	.785077	.3554223	2.21	0.027	.0884622	1.481692
r1308_5	.7841319	.2817682	2.78	0.005	.2318763	1.336387
r1308_6	.5318205	.2821549	1.88	0.059	-.0211929	1.084834
r1308_7	.8010925	.345419	2.32	0.020	.1240838	1.478101
r1308_8	.5943702	.3631807	1.64	0.102	-.1174508	1.306191
r1308_9	.5906638	.2834581	2.08	0.037	.0350963	1.146231
r1308_10	.9239924	.3358157	2.75	0.006	.2658058	1.582179
r1308_11	.6276784	.2761342	2.27	0.023	.0864653	1.168891
r1308_12	.778183	.289302	2.69	0.007	.2111615	1.345205
r1309_3	.3472569	.1008915	3.44	0.001	.1495132	.5450006
syotoku1000	-.1376185	.0778769	-1.77	0.077	-.2902544	.0150174
syotoku1000_	.1508429	.1331674	1.13	0.257	-.1101604	.4118463
bed15_	.1991259	.0824237	2.42	0.016	.0375783	.3606735
r7_1	1.429704	.1188363	12.03	0.000	1.19679	1.662619
r7_2a	.4543814	.0953596	4.76	0.000	.2674801	.6412827
r7_2b	.7173723	.1086065	6.61	0.000	.5045074	.9302371
r7_89	.1175899	.2192899	0.54	0.592	-.3122104	.5473902
_cons	-1.87435	.2754573	-6.80	0.000	-2.414236	-1.334463
bi1330						
klevel2	.2972082	.1269318	2.34	0.019	.0484263	.54599
klevel3	.7054335	.1298416	5.43	0.000	.4509486	.9599183
klevel4	.995769	.145418	6.85	0.000	.7107549	1.280783
klevel5	1.122466	.1570707	7.15	0.000	.814613	1.430319
r1308_6	-.3755232	.1333751	-2.82	0.005	-.6369337	-.1141127
r1309_3	.5503102	.1056308	5.21	0.000	.3432775	.7573428
syotoku1000_	.1234866	.138464	0.89	0.372	-.1478979	.3948711
bed15_	.4247391	.0911851	4.66	0.000	.2460196	.6034587
r7_1	.4960955	.1399879	3.54	0.000	.2217242	.7704668
r7_2a	.0947407	.1066701	0.89	0.374	-.1143289	.3038102
_cons	-1.969836	.099066	-19.88	0.000	-2.164002	-1.77567
bi1334						
klevel2	.2952748	.1178283	2.51	0.012	.0643356	.5262141
klevel3	.3137594	.1330082	2.36	0.018	.0530682	.5744506
klevel4	.5948277	.1500848	3.96	0.000	.3006668	.8889885
klevel5	.873913	.1582092	5.52	0.000	.5638286	1.183997
r1308_3	.9145627	.3008302	3.04	0.002	.3249462	1.504179
r1308_6	-.2755471	.1369386	-2.01	0.044	-.5439417	-.0071524
r1308_8	-.6917069	.487506	-1.42	0.156	-1.647201	.2637873
r1308_11	-.2179482	.1186777	-1.84	0.066	-.4505523	.0146558
r1308_12	-.16041	.1634084	-0.98	0.326	-.4806846	.1598647
r1309_2	.1988107	.1196646	1.66	0.097	-.0357276	.4333491
r1309_3	.5596047	.150772	3.71	0.000	.264097	.8551124
bed15_	.2155583	.09451	2.28	0.023	.0303221	.4007946
r7_1	.5098256	.1376346	3.70	0.000	.2400667	.7795845
r7_2a	.1535078	.1086489	1.41	0.158	-.0594402	.3664559
r7_2b	.4219381	.1243811	3.39	0.001	.1781556	.6657205
_cons	-1.924923	.1283752	-14.99	0.000	-2.176534	-1.673312
bi1338						
klevel3	.3737405	.1589049	2.35	0.019	.0622927	.6851883
klevel4	.3823087	.1922505	1.99	0.047	.0055047	.7591128
klevel5	.4809635	.1967871	2.44	0.015	.0952679	.8666592
r1308_6	-.5322491	.2617224	-2.03	0.042	-1.045216	-.0192826
r1308_9	-.4678591	.2474065	-1.89	0.059	-.9527668	.0170487
r1309_2	.5739357	.2288355	2.51	0.012	.1254263	1.022445
r1309_3	.8830658	.2537356	3.48	0.001	.3857532	1.380378
syotoku1000	.1452394	.1348412	1.08	0.281	-.1190446	.4095233
syotoku1000_	.3195624	.2279667	1.40	0.161	-.127244	.7663689
r7_1	.5187709	.2183624	2.38	0.018	.0907884	.9467534
r7_2a	.523939	.1525756	3.43	0.001	.2248964	.8229817
r7_2b	.2204998	.2002259	1.10	0.271	-.1719359	.6129354
_cons	-2.811301	.2534074	-11.09	0.000	-3.30797	-2.314632
bi1342						
klevel1	.2629147	.087427	3.01	0.003	.0915609	.4342684
klevel2	.1868013	.0901874	2.07	0.038	.0100373	.3635653
klevel3	.2797945	.0981724	2.85	0.004	.0873802	.4722088
klevel4	.2906084	.1099802	2.64	0.008	.0750512	.5061655
r1308_1	.1991036	.0692145	2.88	0.004	.0634457	.3347615
r1308_4	-.5868838	.2730371	-2.15	0.032	-1.122027	-.0517409
r1308_6	.3725377	.0915244	4.07	0.000	.1931532	.5519223
r1309_3	-.1458536	.0842581	-1.73	0.083	-.3109965	.0192893
bed15_	-.2351303	.0731715	-3.21	0.001	-.3785438	-.0917168
r7_1	-.539322	.1041696	-5.18	0.000	-.7434907	-.3351534
r7_2a	-.4604335	.081563	-5.65	0.000	-.620294	-.3005731
r7_2b	-.3895032	.1012214	-3.85	0.000	-.5878935	-.1911129
_cons	-.1960165	.0783563	-2.50	0.012	-.3495922	-.0424409
bi1346						
klevel1	.1628799	.0999236	1.63	0.103	-.0329668	.3587266
klevel2	.3345862	.100191	3.34	0.001	.1382156	.5309569
klevel3	.2075121	.1108631	1.87	0.061	-.0097756	.4247999
r1308_1	-.0173318	.1010808	-0.17	0.864	-.2154466	.180783
r1308_2	-.5407774	.2437579	-2.22	0.027	-1.018534	-.0630207
r1308_3	-.5016823	.3910388	-1.28	0.200	-1.268104	.2647396
r1308_5	-.241091	.1309191	-1.84	0.066	-.4976878	.0155057
r1308_6	-.0487461	.1229266	-0.40	0.692	-.2896778	.1921856
r1308_8	-.3086771	.2900762	-1.06	0.287	-.877216	.2598618
r1308_11	-.3704291	.1179463	-3.14	0.002	-.6015997	-.1392585
r1308_12	-.155355	.1511946	-1.03	0.304	-.451691	.1409811
r1309_3	-.1425366	.1026095	-1.39	0.165	-.3436474	.0585743
syotoku1000	-.1126618	.074738	-1.51	0.132	-.2591457	.0338221
syotoku1000_	-.1977714	.1419692	-1.39	0.164	-.476026	.0804831
bed15_	-.2527273	.0889666	-2.84	0.005	-.4270985	-.078356
r7_2a	-.163146	.0991189	-1.65	0.100	-.3574155	.0311234
_cons	-.8495128	.1170711	-7.26	0.000	-1.078968	-.6200577
bi13504						
klevel1	.3608446	.1981784	1.82	0.069	-.0275779	.749267
klevel2	.659689	.1975432	3.34	0.001	.2725115	1.046866
klevel3	.7908093	.2030483	3.89	0.000	.3928421	1.188777
klevel4	1.060115	.2107458	5.03	0.000	.6470611	1.473169
klevel5	.9983985	.2144092	4.66	0.000	.5781642	1.418633
r1308_6	.5984231	.1023154	5.85	0.000	.3978886	.7989576
r1308_7	.2109883	.2734666	0.77	0.440	-.3249964	.7469731
r1308_8	.5937371	.270565	2.19	0.028	.0634394	1.124035
r1308_9	.1064487	.1267535	0.84	0.401	-.1419837	.354881
syotoku1000	.128556	.0948632	1.36	0.175	-.0573725	.3144845
syotoku1000_	.3611063	.1447912	2.49	0.013	.0773207	.6448919
bed15_	.2658547	.0891763	2.98	0.003	.0910724	.4406371
r7_1	-.2148372	.178637	-1.20	0.229	-.5649592	.1352848
r7_2a	-.2722771	.1255089	-2.17	0.030	-.5182701	-.0262841
r7_2b	-.1991378	.149416	-1.33	0.183	-.4919879	.0937122
r7_89	.6716799	.2026051	3.32	0.001	.2745812	1.068779
_cons	-2.096839	.1976126	-10.61	0.000	-2.484153	-1.709525
/atrho21	.2081911	.0492361	4.23	0.000	.1116902	.3046921
/atrho31	.106795	.0490647	2.18	0.030	.0106299	.2029602
/atrho41	.0235778	.0694738	0.34	0.734	-.1125883	.1597438
/atrho51	-.0166277	.0381913	-0.44	0.663	-.0914812	.0582258
/atrho61	-.1678224	.0471211	-3.56	0.000	-.2601779	-.0754668
/atrho71	.0230798	.0512173	0.45	0.652	-.0773042	.1234637
/atrho32	.2110476	.052821	4.00	0.000	.1075203	.3145749
/atrho42	.182938	.069957	2.62	0.009	.0458248	.3200512
/atrho52	-.1808246	.0436071	-4.15	0.000	-.266293	-.0953563
/atrho62	-.1327162	.0550612	-2.41	0.016	-.2406341	-.0247983
/atrho72	-.0297548	.0545474	-0.55	0.585	-.1366656	.0771561
/atrho43	.2045705	.0790784	2.59	0.010	.0495797	.3595613
/atrho53	-.2130111	.0449795	-4.74	0.000	-.3011693	-.124853
/atrho63	.0365562	.0522243	0.70	0.484	-.0658015	.1389139
/atrho73	-.0503886	.0572168	-0.88	0.379	-.1625315	.0617542
/atrho54	-.1068194	.053004	-2.02	0.044	-.2107053	-.0029334
/atrho64	.0888045	.0625983	1.42	0.156	-.033886	.211495
/atrho74	-.0198999	.0696184	-0.29	0.775	-.1563494	.1165496
/atrho65	-.2209201	.0421478	-5.24	0.000	-.3035283	-.1383119
/atrho75	.2046009	.0471413	4.34	0.000	.1122057	.2969961
/atrho76	.0280576	.0519456	0.54	0.589	-.073754	.1298691
rho21	.2052345	.0471622	4.35	0.000	.1112281	.2956006
rho31	.1063909	.0485094	2.19	0.028	.0106295	.2002185
rho41	.0235734	.0694352	0.34	0.734	-.112115	.1583988
rho51	-.0166262	.0381807	-0.44	0.663	-.0912269	.0581601
rho61	-.1662644	.0458184	-3.63	0.000	-.2544619	-.0753239
rho71	.0230757	.05119	0.45	0.652	-.0771506	.1228402
rho32	.207969	.0505364	4.12	0.000	.1071079	.3045933
rho42	.1809242	.0676671	2.67	0.008	.0457927	.3095532
rho52	-.1788792	.0422118	-4.24	0.000	-.2601721	-.0950683
rho62	-.1319424	.0541026	-2.44	0.015	-.2360946	-.0247932
rho72	-.029746	.0544991	-0.55	0.585	-.1358211	.0770033
rho43	.2017638	.0758592	2.66	0.008	.0495391	.3448276
rho53	-.2098468	.0429988	-4.88	0.000	-.2923823	-.1242082
rho63	.0365399	.0521546	0.70	0.484	-.0657067	.1380272
rho73	-.050346	.0570718	-0.88	0.378	-.1611153	.0616758
rho54	-.1064149	.0524038	-2.03	0.042	-.2076415	-.0029334
rho64	.0885717	.0621073	1.43	0.154	-.0338731	.208397
rho74	-.0198973	.0695908	-0.29	0.775	-.1550878	.1160248
rho65	-.2173948	.0401559	-5.41	0.000	-.2945382	-.1374366
rho75	.2017929	.0452217	4.46	0.000	.1117371	.2885612
rho76	.0280502	.0519048	0.54	0.589	-.0736205	.1291439

Likelihood ratio test of rho21 = rho31 = rho41 = rho51 = rho61 = rho71 = rho32 = rho42 = rho52 = rho62 = rho72 = rho43 = rho53 = rho63 = rho73 = rho54 = rho64 = rho74 = rho65 = rho75 = rho76 = 0:
chi2(21) = 157.039 Prob > chi2 = 0.0000

分析結果　Ｆ３

Multivariate probit (SML, # draws = 5)

Log likelihood = -5187.4826

Number of obs	= 1964
Wald chi2(88)	= 1106.82
Prob > chi2	= 0.0000

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
bi1326						
klevel4	.2326334	.1151909	2.02	0.043	.0068633	.4584035
klevel5	.3345136	.1250933	2.67	0.007	.0893352	.5796919
r1308_1	.6907732	.2705289	2.55	0.011	.1605462	1.221
r1308_2	.515703	.3196396	1.61	0.107	-.1107792	1.142185
r1308_3	1.359149	.3934292	3.45	0.001	.5880425	2.130256
r1308_4	.7983707	.3544635	2.25	0.024	.1036349	1.493106
r1308_5	.7721912	.2810283	2.75	0.006	.2213858	1.322997
r1308_6	.5514868	.2811415	1.96	0.050	.0004597	1.102514
r1308_7	.8140361	.3445212	2.36	0.018	.1387869	1.489285
r1308_8	.5668198	.3620383	1.57	0.117	-.1427621	1.276402
r1308_9	.5908604	.2828719	2.09	0.037	.0364417	1.145279
r1308_10	.9338037	.3348646	2.79	0.005	.2774811	1.590126
r1308_11	.622672	.2754891	2.26	0.024	.0827233	1.162621
r1308_12	.767869	.2882886	2.66	0.008	.2028338	1.332904
r1309_3	.3681758	.0990935	3.72	0.000	.1739561	.5623955
syotoku1000	-.1710627	.0707297	-2.42	0.016	-.3096903	-.032435
bed15_	.2128049	.0815326	2.61	0.009	.053004	.3726058
r7_1	1.368748	.1124506	12.17	0.000	1.148349	1.589147
r7_2a	.4180114	.0908643	4.60	0.000	.2399206	.5961021
r7_2b	.6857273	.1056353	6.49	0.000	.4786859	.8927687
_cons	-1.786327	.2700118	-6.62	0.000	-2.31554	-1.257114
bi1330						
klevel2	.2896736	.126218	2.30	0.022	.0422908	.5370564
klevel3	.6931986	.1291341	5.37	0.000	.4401005	.9462967
klevel4	.9866087	.1450483	6.80	0.000	.7023192	1.270898
klevel5	1.11178	.1566351	7.10	0.000	.8047807	1.418779
r1308_6	-.3707528	.1319933	-2.81	0.005	-.629455	-.1120506
r1309_3	.5501683	.1056391	5.21	0.000	.3431195	.7572172
bed15_	.4244563	.0911262	4.66	0.000	.2458522	.6030603
r7_1	.4598689	.136944	3.36	0.001	.1914637	.7282742
_cons	-1.93211	.0941289	-20.53	0.000	-2.116599	-1.747621
bi1334						
klevel2	.2980012	.1175602	2.53	0.011	.0675874	.528415
klevel3	.3165526	.1324921	2.39	0.017	.0568729	.5762323
klevel4	.5986912	.1497044	4.00	0.000	.3052759	.8921065
klevel5	.8801173	.1576845	5.58	0.000	.5710613	1.189173
r1308_3	.935289	.3006799	3.11	0.002	.3459673	1.524611
r1308_6	-.2632256	.1364036	-1.93	0.054	-.5305717	.0041206
r1308_8	-.6737629	.4875212	-1.38	0.167	-1.629287	.2817611
r1308_11	-.2030831	.117848	-1.72	0.085	-.434061	.0278948
r1309_2	.1971692	.1195345	1.65	0.099	-.0371142	.4314526
r1309_3	.5527699	.1503121	3.68	0.000	.2581637	.8473761
bed15_	.2188807	.0944116	2.32	0.020	.0338373	.4039241
r7_1	.4941573	.1373122	3.60	0.000	.2250304	.7632843
r7_2a	.1419357	.1081615	1.31	0.189	-.070057	.3539283
r7_2b	.4159385	.1242808	3.35	0.001	.1723526	.6595243
_cons	-1.936108	.1274824	-15.19	0.000	-2.185969	-1.686247
bi1338						
klevel3	.3718831	.1584179	2.35	0.019	.0613898	.6823764
klevel4	.3622794	.1915765	1.89	0.059	-.0132037	.7377625
klevel5	.4793839	.1967098	2.44	0.015	.0938397	.8649281
r1308_6	-.5329124	.2603566	-2.05	0.041	-1.043202	-.0226227
r1308_9	-.4624816	.2462658	-1.88	0.060	-.9451536	.0201905
r1309_2	.5723561	.2277972	2.51	0.012	.1258817	1.01883
r1309_3	.8781915	.2526653	3.48	0.001	.3829767	1.373406
syotoku1000_	.181671	.2035626	0.89	0.372	-.2173045	.5806464
r7_1	.3908806	.1954933	2.00	0.046	.0077207	.7740404
r7_2a	.4273202	.1372732	3.11	0.002	.1582697	.6963707
_cons	-2.663236	.2248653	-11.84	0.000	-3.103964	-2.222508
bi1342						
klevel1	.2630613	.0874082	3.01	0.003	.0917444	.4343782
klevel2	.1870596	.0901952	2.07	0.038	.0102803	.363839
klevel3	.2801021	.098194	2.85	0.004	.0876454	.4725589
klevel4	.2917873	.1099921	2.65	0.008	.0762067	.5073679
r1308_1	.2067085	.0687842	3.01	0.003	.0718939	.3415231
r1308_4	-.5780264	.273193	-2.12	0.034	-1.113475	-.0425779
r1308_6	.3751399	.0909828	4.12	0.000	.1968168	.553463
r1309_3	-.1465779	.0842539	-1.74	0.082	-.3117125	.0185568
bed15_	-.2354531	.0731716	-3.22	0.001	-.3788668	-.0920394
r7_1	-.5288373	.103811	-5.09	0.000	-.7323031	-.3253715
r7_2a	-.4559057	.0813472	-5.60	0.000	-.6153433	-.296468
r7_2b	-.3874644	.1012248	-3.83	0.000	-.5858614	-.1890673
_cons	-.200481	.0783038	-2.56	0.010	-.3539537	-.0470084
bi1346						
klevel1	.1597084	.099119	1.61	0.107	-.0345613	.3539781
klevel2	.3420928	.0998567	3.43	0.001	.1463773	.5378084
klevel3	.2201299	.1102952	2.00	0.046	.0039554	.4363045
r1308_2	-.4906545	.2355006	-2.08	0.037	-.9522271	-.0290819
r1308_5	-.1911858	.1151532	-1.66	0.097	-.4168819	.0345103
r1308_11	-.3213257	.0999254	-3.22	0.001	-.5171758	-.1254756
r1309_3	-.1301884	.1016523	-1.28	0.200	-.3294233	.0690464
syotoku1000	-.1054498	.0744805	-1.42	0.157	-.2514289	.0405294
syotoku1000_	-.1786054	.14156	-1.26	0.207	-.4560578	.098847
bed15_	-.2485569	.0886179	-2.80	0.005	-.4222448	-.074869
r7_2a	-.1605769	.0980075	-1.64	0.101	-.3526681	.0315144
_cons	-.9080233	.0968355	-9.38	0.000	-1.097817	-.7182293
bi13504						
klevel1	.3626607	.197471	1.84	0.066	-.0243753	.7496967
klevel2	.6670244	.1968286	3.39	0.001	.2812475	1.052801
klevel3	.8059782	.2020823	3.99	0.000	.4099043	1.202052
klevel4	1.069525	.2098078	5.10	0.000	.6583094	1.480741
klevel5	1.006045	.2134307	4.71	0.000	.5877282	1.424361
r1308_6	.5794445	.1004304	5.77	0.000	.3826047	.7762844
r1308_8	.5624749	.2690402	2.09	0.037	.0351657	1.089784
syotoku1000	.1641879	.0891301	1.84	0.065	-.0105039	.3388796
syotoku1000_	.404319	.140162	2.88	0.004	.1296065	.6790314
bed15_	.2734597	.0890267	3.07	0.002	.0989706	.4479488
r7_2a	-.2431498	.1223231	-1.99	0.047	-.4828987	-.003401
r7_2b	-.1671265	.1472472	-1.14	0.256	-.4557258	.1214727
r7_89	.6864901	.2017348	3.40	0.001	.2910972	1.081883
_cons	-2.133758	.1893805	-11.27	0.000	-2.504937	-1.762579
/atrho21	.2065614	.0490682	4.21	0.000	.1103895	.3027333
/atrho31	.1047926	.0489878	2.14	0.032	.0087783	.200807
/atrho41	.020773	.0690615	0.30	0.764	-.1145851	.1561312
/atrho51	-.0144053	.0381614	-0.38	0.706	-.0892003	.0603897
/atrho61	-.1658875	.04702	-3.53	0.000	-.258045	-.0737299
/atrho71	.0241721	.0510801	0.47	0.636	-.0759431	.1242872
/atrho32	.2101838	.052821	3.98	0.000	.1066566	.3137111
/atrho42	.1819344	.069997	2.60	0.009	.0447429	.319126
/atrho52	-.1796889	.043584	-4.12	0.000	-.265112	-.0942659
/atrho62	-.1287209	.0547726	-2.35	0.019	-.2360732	-.0213687
/atrho72	-.0296883	.0545052	-0.54	0.586	-.1365165	.0771398
/atrho43	.206458	.0792653	2.60	0.009	.0511008	.3618152
/atrho53	-.2122564	.0449444	-4.72	0.000	-.3003458	-.124167
/atrho63	.0394237	.052076	0.76	0.449	-.0626434	.1414907
/atrho73	-.0472003	.0568474	-0.83	0.406	-.1586192	.0642186
/atrho54	-.1063292	.0529982	-2.01	0.045	-.2102039	-.0024545
/atrho64	.0894849	.0624705	1.43	0.152	-.0329551	.2119248
/atrho74	-.0203427	.0693531	-0.29	0.769	-.1562724	.1155869
/atrho65	-.2202792	.0420829	-5.23	0.000	-.3027602	-.1377983
/atrho75	.2035973	.0470922	4.32	0.000	.1112983	.2958963
/atrho76	.031528	.0517279	0.61	0.542	-.0698567	.1329128
rho21	.2036729	.0470327	4.33	0.000	.1099433	.293812
rho31	.1044107	.0484538	2.15	0.031	.0087781	.1981507
rho41	.02077	.0690317	0.30	0.764	-.1140862	.1548747
rho51	-.0144043	.0381535	-0.38	0.706	-.0889645	.0603164
rho61	-.1643824	.0457495	-3.59	0.000	-.2524661	-.0735966
rho71	.0241674	.0510503	0.47	0.636	-.0757975	.1236512
rho32	.2071425	.0505546	4.10	0.000	.106254	.3038094
rho42	.1799533	.0677302	2.66	0.008	.0447131	.3087164
rho52	-.1777796	.0422065	-4.21	0.000	-.2590707	-.0939876
rho62	-.1280147	.053875	-2.38	0.017	-.2317833	-.0213654
rho72	-.0296796	.0544572	-0.55	0.586	-.1356747	.0769872
rho43	.2035737	.0759804	2.68	0.007	.0510563	.3468119
rho53	-.2091252	.0429788	-4.87	0.000	-.291629	-.1235328
rho63	.0394032	.0519951	0.76	0.449	-.0625616	.140554
rho73	-.0471653	.0567209	-0.83	0.406	-.1573021	.0641304
rho54	-.1059303	.0524035	-2.02	0.043	-.2071616	-.0024545
rho64	.0892468	.0619729	1.44	0.150	-.0329431	.2088081
rho74	-.0203399	.0693244	-0.29	0.769	-.1550126	.1150749
rho65	-.2167842	.0401052	-5.41	0.000	-.2938365	-.1369327
rho75	.20083	.0451928	4.44	0.000	.110841	.2875527
rho76	.0315176	.0516765	0.61	0.542	-.0697433	.1321356

Likelihood ratio test of rho21 = rho31 = rho41 = rho51 = rho61 = rho71 = rho32 = rho42 = rho52 = rho62 = rho72 = rho43 = rho53 = rho63 = rho73 = rho54 = rho64 = rho74 = rho65 = rho75 = rho76 = 0:

chi2(21) = 156.088　Prob > chi2 = 0.0000

分析結果　Ｆ４

Multivariate probit (SML, # draws = 5)

Log likelihood = -5179.4071

Number of obs =	1964
Wald chi2(110) =	1117.89
Prob > chi2 =	0.0000

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
bi1326						
klevel2	.0747292	.0924607	0.81	0.419	-.1064904	.2559489
klevel3	.1205785	.1057828	1.14	0.254	-.0867519	.3279089
klevel4	.2952195	.1302106	2.27	0.023	.0400114	.5504276
klevel5	.4061459	.14202	2.86	0.004	.1277918	.6845
r1308_1	.6817209	.2713088	2.51	0.012	.1499654	1.213476
r1308_2	.5220574	.320701	1.63	0.104	-.106505	1.15062
r1308_3	1.390174	.3945153	3.52	0.000	.6169385	2.16341
r1308_4	.7863984	.3554651	2.21	0.027	.0896995	1.483097
r1308_5	.7852762	.2818037	2.79	0.005	.2329512	1.337601
r1308_6	.5328279	.2821879	1.89	0.059	-.0202503	1.085906
r1308_7	.8024905	.3454772	2.32	0.020	.1253676	1.479613
r1308_8	.5960283	.3632111	1.64	0.101	-.1158524	1.307909
r1308_9	.5917244	.2834927	2.09	0.037	.0360889	1.14736
r1308_10	.9249492	.3358364	2.75	0.006	.2667219	1.583177
r1308_11	.6288932	.276168	2.28	0.023	.0876139	1.170173
r1308_12	.7791923	.289333	2.69	0.007	.2121102	1.346275
r1309_3	.3474247	.1008956	3.44	0.001	.1496729	.5451764
syotoku1000	-.1312249	.0782341	-1.68	0.093	-.2845609	.0221112
syotoku1000_	.1524352	.1333724	1.14	0.253	-.1089699	.4138403
bed15_	.1992282	.0824242	2.42	0.016	.0376797	.3607768
r7_1	1.432798	.1188993	12.05	0.000	1.19976	1.665837
r7_2a	.4565084	.0954012	4.79	0.000	.2695255	.6434914
r7_2b	.7176312	.1086218	6.61	0.000	.5047363	.9305261
r7_89	.1178792	.2192919	0.54	0.591	-.311925	.5476833
_cons	-1.879444	.2755782	-6.82	0.000	-2.419568	-1.339321
bi1330						
klevel2	.2931202	.1270905	2.31	0.021	.0440274	.542213
klevel3	.7052858	.1298207	5.43	0.000	.4508419	.9597296
klevel4	.9952658	.1453685	6.85	0.000	.7103488	1.280183
klevel5	1.11952	.1571035	7.13	0.000	.8116023	1.427437
r1308_6	-.3752016	.1333562	-2.81	0.005	-.636575	-.1138283
r1309_3	.551204	.1056983	5.21	0.000	.3440391	.758369
syotoku1000	.0578718	.0930832	0.62	0.534	-.1245679	.2403116
syotoku1000_	.1531026	.153528	1.00	0.319	-.1478068	.454012
bed15_	.4254542	.0912365	4.66	0.000	.2466341	.6042744
r7_1	.5293373	.1506307	3.51	0.000	.2341065	.8245681
r7_2a	.1160292	.1125448	1.03	0.303	-.1045546	.336613
_cons	-2.008543	.1182184	-16.99	0.000	-2.240246	-1.776839
bi1334						
klevel2	.2914074	.1179527	2.47	0.013	.0602243	.5225905
klevel3	.3137029	.1330409	2.36	0.018	.0529476	.5744582
klevel4	.5937426	.1501904	3.95	0.000	.2993749	.8881103
klevel5	.8711809	.1583636	5.50	0.000	.560794	1.181568
r1308_3	.9138496	.3006651	3.04	0.002	.3245568	1.503142
r1308_6	-.2689163	.1375001	-1.96	0.050	-.5384115	.0005789
r1308_8	-.6920351	.4898244	-1.41	0.158	-1.652073	.2680031
r1308_11	-.2122789	.1187782	-1.79	0.074	-.4450799	.0205221
r1308_12	-.1627897	.1634872	-1.00	0.319	-.4832187	.1576393
r1309_2	.2003501	.1198532	1.67	0.095	-.0345578	.435258
r1309_3	.5648355	.1512187	3.74	0.000	.2684523	.8612188
syotoku1000	.0674475	.0945928	0.71	0.476	-.117951	.252846
syotoku1000_	-.0177831	.1688333	-0.11	0.916	-.3486903	.3131241
bed15_	.2159697	.0945904	2.28	0.022	.030576	.4013634
r7_1	.5466611	.1521066	3.59	0.000	.2485376	.8447846
r7_2a	.1757179	.116961	1.50	0.133	-.0535215	.4049573
r7_2b	.4346207	.1292326	3.36	0.001	.1813295	.6879119
_cons	-1.970474	.1496158	-13.17	0.000	-2.263715	-1.677232
bi1338						
klevel3	.3736711	.1589163	2.35	0.019	.0622009	.6851414
klevel4	.3826859	.192248	1.99	0.047	.0058867	.759485
klevel5	.480932	.1967879	2.44	0.015	.0952348	.8666292
r1308_6	-.5324072	.2617768	-2.03	0.042	-1.04548	-.0193341
r1308_9	-.4677133	.247391	-1.89	0.059	-.9525907	.0171641
r1309_2	.5732366	.2287449	2.51	0.012	.1249048	1.021568
r1309_3	.8827632	.2536595	3.48	0.001	.3855998	1.379927
syotoku1000	.1525586	.1353448	1.13	0.260	-.1127125	.4178296
syotoku1000_	.3167043	.228573	1.39	0.166	-.1312906	.7646991
r7_1	.5226693	.2185064	2.39	0.017	.0944045	.950934
r7_2a	.5261023	.1527129	3.45	0.001	.2267906	.825414
r7_2b	.2210539	.2002132	1.10	0.270	-.1713568	.6134645
_cons	-2.815331	.2535736	-11.10	0.000	-3.312326	-2.318335
bi1342						
klevel1	.265504	.0875284	3.03	0.002	.0939516	.4370565
klevel2	.1852406	.0902256	2.05	0.040	.0084017	.3620796
klevel3	.2819692	.0982385	2.87	0.004	.0894253	.474513
klevel4	.292661	.110012	2.66	0.008	.0770414	.5082807
r1308_1	.2006939	.069266	2.90	0.004	.064935	.3364528
r1308_4	-.5961274	.2730181	-2.18	0.029	-1.131233	-.0610218
r1308_6	.3692669	.0916689	4.03	0.000	.1895992	.5489346
r1309_3	-.1452426	.0843028	-1.72	0.085	-.3104729	.0199878
syotoku1000	.0656636	.0698266	0.94	0.347	-.0711941	.2025212
syotoku1000_	.1027326	.1199675	0.86	0.392	-.1323993	.3378646
bed15_	-.2344725	.0732041	-3.20	0.001	-.3779499	-.0909951
r7_1	-.4913558	.1140221	-4.31	0.000	-.714835	-.2678767
r7_2a	-.4254505	.0879223	-4.84	0.000	-.5977752	-.2531259
r7_2b	-.3619948	.104296	-3.47	0.001	-.5664111	-.1575784
_cons	-.2531056	.0959102	-2.64	0.008	-.4410862	-.065125
bi1346						
klevel1	.1623786	.0999203	1.63	0.104	-.0334617	.3582188
klevel2	.3349843	.100188	3.34	0.001	.1386195	.5313492
klevel3	.2074251	.1108632	1.87	0.061	-.0098629	.424713
r1308_1	-.0174801	.1010746	-0.17	0.863	-.2155826	.1806225
r1308_2	-.5413874	.2437755	-2.22	0.026	-1.019179	-.0635961
r1308_3	-.5024233	.3912021	-1.28	0.199	-1.269165	.2643187
r1308_5	-.2417194	.1309177	-1.85	0.065	-.4983135	.0148747
r1308_6	-.0483339	.1229236	-0.39	0.694	-.2892597	.1925919
r1308_8	-.3097524	.2901008	-1.07	0.286	-.8783396	.2588347
r1308_11	-.3707872	.1179456	-3.14	0.002	-.6019562	-.1396181
r1308_12	-.1564051	.1512077	-1.03	0.301	-.4527667	.1399565
r1309_3	-.142526	.1026142	-1.39	0.165	-.3436462	.0585942
syotoku1000	-.1212771	.0751845	-1.61	0.107	-.2686361	.0260819
syotoku1000_	-.2107827	.1427692	-1.48	0.140	-.4906051	.0690397
bed15_	-.2524415	.0889686	-2.84	0.005	-.4268166	-.0780663
r7_2a	-.1664241	.0991583	-1.68	0.093	-.3607707	.0279226
_cons	-.8431823	.1171946	-7.19	0.000	-1.072879	-.6134851
bi13504						
klevel1	.3612548	.1981968	1.82	0.068	-.0272037	.7497134
klevel2	.6596803	.1975629	3.34	0.001	.2724642	1.046896
klevel3	.7911825	.2030677	3.90	0.000	.3931772	1.189188
klevel4	1.060567	.2107617	5.03	0.000	.647482	1.473652
klevel5	.9987219	.214426	4.66	0.000	.5784546	1.418989
r1308_6	.5980659	.1023208	5.85	0.000	.3975207	.798611
r1308_7	.2116298	.2734561	0.77	0.439	-.3243344	.747594
r1308_8	.5940117	.2705712	2.20	0.028	.0637018	1.124322
r1308_9	.1061411	.1267648	0.84	0.402	-.1423134	.3545956
syotoku1000	.1358455	.0952361	1.43	0.154	-.0508137	.3225048
syotoku1000_	.3735999	.1456208	2.57	0.010	.0881884	.6590114
bed15_	.2659201	.089179	2.98	0.003	.0911325	.4407077
r7_1	-.2092008	.1787544	-1.17	0.242	-.559553	.1411515
r7_2a	-.2684779	.1255777	-2.14	0.033	-.5146058	-.0223501
r7_2b	-.1956668	.1494512	-1.31	0.190	-.4885858	.0972522
r7_89	.6717273	.2026008	3.32	0.001	.274637	1.068818
_cons	-2.103432	.1976962	-10.64	0.000	-2.490909	-1.715954
/atrho21	.2078964	.0492395	4.22	0.000	.1113887	.3044041
/atrho31	.1061929	.0491097	2.16	0.031	.0099396	.2024462
/atrho41	.0233052	.0694744	0.34	0.737	-.1128621	.1594724
/atrho51	-.0165596	.0381967	-0.43	0.665	-.0914237	.0583045
/atrho61	-.1677118	.0471282	-3.56	0.000	-.2600813	-.0753423
/atrho71	.0232889	.0512361	0.45	0.649	-.0771321	.1237099
/atrho32	.2107434	.0528413	3.99	0.000	.1071764	.3143104
/atrho42	.1837851	.0699881	2.63	0.009	.046611	.3209593
/atrho52	-.1802347	.0435731	-4.14	0.000	-.2656364	-.094833
/atrho62	-.1337676	.0550912	-2.43	0.015	-.2417443	-.0257909
/atrho72	-.0304201	.0545483	-0.56	0.577	-.1373327	.0764925
/atrho43	.2037389	.0791702	2.57	0.010	.0485682	.3589096
/atrho53	-.2118505	.0448992	-4.72	0.000	-.2998512	-.1238497
/atrho63	.0359488	.0522635	0.69	0.492	-.0664858	.1383834
/atrho73	-.0519523	.0572167	-0.91	0.364	-.1640951	.0601904
/atrho54	-.1065355	.0530262	-2.01	0.045	-.2104648	-.0026061
/atrho64	.0886664	.0626129	1.42	0.157	-.0340527	.2113855
/atrho74	-.0200809	.0696437	-0.29	0.773	-.1565801	.1164183
/atrho65	-.2206363	.0421696	-5.23	0.000	-.3032871	-.1379854
/atrho75	.2038212	.047146	4.32	0.000	.1114167	.2962257
/atrho76	.0281957	.0519553	0.54	0.587	-.0736348	.1300261
rho21	.2049521	.0471712	4.34	0.000	.1109303	.2953378
rho31	.1057955	.0485601	2.18	0.029	.0099392	.199725
rho41	.0233009	.0694366	0.34	0.737	-.1123853	.1581341
rho51	-.0165581	.0381862	-0.43	0.665	-.0911698	.0582385
rho61	-.1661569	.0458271	-3.63	0.000	-.2543716	-.0752
rho71	.0232847	.0512084	0.45	0.649	-.0769795	.1230826
rho32	.2076779	.0505622	4.11	0.000	.1067679	.3043533
rho42	.1817435	.0676764	2.69	0.007	.0465772	.3103741
rho52	-.1783081	.0421877	-4.23	0.000	-.2595598	-.0945498
rho62	-.1329754	.054117	-2.46	0.014	-.2371426	-.0257852
rho72	-.0304108	.0544978	-0.56	0.577	-.1364758	.0763436
rho43	.2009659	.0759727	2.65	0.008	.0485301	.3442532
rho53	-.208737	.0429429	-4.86	0.000	-.2911764	-.1232203
rho63	.0359333	.052196	0.69	0.491	-.066388	.1375068
rho73	-.0519056	.0570626	-0.91	0.363	-.1626379	.0601178
rho54	-.1061342	.0524288	-2.02	0.043	-.2074114	-.0026061
rho64	.0884348	.0621233	1.42	0.155	-.0340396	.2082923
rho74	-.0200782	.0696157	-0.29	0.773	-.1553129	.1158952
rho65	-.2171244	.0401816	-5.40	0.000	-.2943179	-.1371163
rho75	.2010449	.0452404	4.44	0.000	.1109579	.2878548
rho76	.0281882	.051914	0.54	0.587	-.073502	.1292983

Likelihood ratio test of rho21 = rho31 = rho41 = rho51 = rho61 = rho71 = rho32 = rho42 = rho52 = rho62 = rho72 = rho43 = rho53 = rho63 = rho73 = rho54 = rho64 = rho74 = rho65 = rho75 = rho76 = 0:
chi2(21) = 156.6 Prob > chi2 = 0.0000

分析結果　F 5

Multivariate probit (SML, # draws = 5)

Log likelihood = -5187.11

Number of obs	= 1964
Wald chi2(94)	= 1108.26
Prob > chi2	= 0.0000

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
bi1326						
klevel4	.2320917	.1152976	2.01	0.044	.0061127	.4580708
klevel5	.330482	.1251801	2.64	0.008	.0851335	.5758305
r1308_1	.6908029	.2713399	2.55	0.011	.1589866	1.222619
r1308_2	.5066647	.3206104	1.58	0.114	-.1217202	1.13505
r1308_3	1.367113	.3941816	3.47	0.001	.5945307	2.139694
r1308_4	.7807168	.3556415	2.20	0.028	.0836722	1.477761
r1308_5	.7703067	.2818086	2.73	0.006	.217972	1.322641
r1308_6	.5419049	.2821041	1.92	0.055	-.0110089	1.094819
r1308_7	.810165	.3452627	2.35	0.019	.1334625	1.486868
r1308_8	.5744906	.3626293	1.58	0.113	-.1362498	1.285231
r1308_9	.587831	.283685	2.07	0.038	.0318186	1.143843
r1308_10	.9228754	.3357985	2.75	0.006	.2647224	1.581028
r1308_11	.621189	.2762938	2.25	0.025	.079663	1.162715
r1308_12	.7649366	.2890884	2.65	0.008	.1983337	1.33154
r1309_3	.3623426	.0989423	3.66	0.000	.1684192	.556266
syotoku1000	-.1306867	.0780088	-1.68	0.094	-.2835813	.0222078
syotoku1000_	.1606541	.1326917	1.21	0.226	-.0994168	.420725
bed15_	.2161943	.0815552	2.65	0.008	.056349	.3760396
r7_1	1.409962	.1177814	11.97	0.000	1.179115	1.64081
r7_2a	.4491013	.0947552	4.74	0.000	.2633844	.6348181
r7_2b	.7128584	.1084045	6.58	0.000	.5003895	.9253272
_cons	-1.829551	.273256	-6.70	0.000	-2.365123	-1.293979
bi1330						
klevel2	.2918051	.1264086	2.31	0.021	.0440489	.5395614
klevel3	.6960144	.1292671	5.38	0.000	.4426556	.9493732
klevel4	.9875037	.1451797	6.80	0.000	.7029567	1.272051
klevel5	1.109947	.1568956	7.07	0.000	.802437	1.417456
r1308_6	-.3811418	.1330342	-2.86	0.004	-.641884	-.1203997
r1309_3	.5445061	.1056086	5.16	0.000	.337617	.7515951
syotoku1000	.0272855	.0882655	0.31	0.757	-.1457117	.2002826
syotoku1000_	.11354	.1487289	0.76	0.445	-.1779634	.4050433
bed15_	.4266973	.0911272	4.68	0.000	.2480913	.6053034
r7_1	.4825623	.1447886	3.33	0.001	.1987818	.7663427
_cons	-1.95759	.1089603	-17.97	0.000	-2.171148	-1.744032
bi1334						
klevel2	.2966783	.1173829	2.53	0.011	.0666121	.5267446
klevel3	.318079	.1323593	2.40	0.016	.0586595	.5774984
klevel4	.5925849	.1497736	3.96	0.000	.299034	.8861358
klevel5	.8769345	.1577821	5.56	0.000	.5676872	1.186182
r1308_3	.9455614	.300473	3.15	0.002	.3566451	1.534478
r1308_6	-.2467263	.1368157	-1.80	0.071	-.51488	.0214275
r1308_11	-.1864394	.1177595	-1.58	0.113	-.4172437	.044365
r1309_2	.1973521	.1194399	1.65	0.098	-.0367458	.4314499
r1309_3	.5710465	.1504226	3.80	0.000	.2762235	.8658695
syotoku1000	.0614973	.0944157	0.65	0.515	-.123554	.2465485
syotoku1000_	-.0264695	.1685379	-0.16	0.875	-.3567977	.3038587
bed15_	.2125202	.0942968	2.25	0.024	.0277019	.3973385
r7_1	.5201911	.1512472	3.44	0.001	.2237519	.8166302
r7_2a	.1623671	.1163243	1.40	0.163	-.0656243	.3903586
r7_2b	.4223594	.1288617	3.28	0.001	.1697951	.6749237
_cons	-1.986199	.1481506	-13.41	0.000	-2.276569	-1.695829
bi1338						
klevel3	.3710548	.1587509	2.34	0.019	.0599087	.682201
klevel4	.361286	.191857	1.88	0.060	-.0147469	.7373188
klevel5	.4725718	.1968575	2.40	0.016	.0867382	.8584054
r1308_6	-.5376408	.2615261	-2.06	0.040	-1.050223	-.025059
r1308_9	-.4647616	.245844	-1.89	0.059	-.946607	.0170838
r1309_2	.5725769	.2284136	2.51	0.012	.1248944	1.020259
r1309_3	.8894114	.2535088	3.51	0.000	.3925432	1.38628
syotoku1000	.1264725	.1338417	0.94	0.345	-.1358525	.3887975
syotoku1000_	.2659389	.2240646	1.19	0.235	-.1732198	.7050975
r7_1	.4679823	.2126299	2.20	0.028	.0512354	.8847292
r7_2a	.4719752	.1460069	3.23	0.001	.1858069	.7581435
_cons	-2.754744	.2468006	-11.16	0.000	-3.238464	-2.271024
bi1342						
klevel1	.2625451	.087468	3.00	0.003	.0911109	.4339793
klevel2	.182556	.0902029	2.02	0.043	.0057617	.3593504
klevel3	.2804063	.0982455	2.85	0.004	.0878486	.472964
klevel4	.2945544	.109999	2.68	0.007	.0789602	.5101485
r1308_1	.2095256	.0688218	3.04	0.002	.0746374	.3444138
r1308_4	-.5871024	.2731232	-2.15	0.032	-1.122414	-.0517908
r1308_6	.3728203	.0911254	4.09	0.000	.1942177	.5514229
r1309_3	-.1578827	.0838039	-1.88	0.060	-.3221353	.00637
syotoku1000	.0699441	.0697656	1.00	0.316	-.066794	.2066822
syotoku1000_	.1081661	.1199008	0.90	0.367	-.1268351	.3431673
bed15_	-.23031	.0731367	-3.15	0.002	-.3736553	-.0869648
r7_1	-.4786111	.1135485	-4.22	0.000	-.7011621	-.2560602
r7_2a	-.4177414	.0876788	-4.76	0.000	-.5895886	-.2458941
r7_2b	-.3581217	.1042868	-3.43	0.001	-.5625201	-.1537233
_cons	-.2583581	.0957654	-2.70	0.007	-.4460549	-.0706613
bi1346						
klevel1	.196323	.0949582	2.07	0.039	.0102084	.3824377
klevel2	.3723512	.09719	3.83	0.000	.1818624	.56284
klevel3	.2403601	.1091086	2.20	0.028	.0265112	.4542091
r1308_2	-.4901775	.2365884	-2.07	0.038	-.9540781	-.0262768
r1308_5	-.1869174	.1151203	-1.62	0.104	-.4125492	.0387143
r1308_11	-.3134322	.0996539	-3.15	0.002	-.5087501	-.1181142
syotoku1000	-.1123061	.0749139	-1.50	0.134	-.2591346	.0345225
syotoku1000_	-.2076571	.1426601	-1.46	0.146	-.4872656	.0719515
bed15_	-.2906001	.0824346	-3.53	0.000	-.4521689	-.1290313
r7_2a	-.165311	.0980606	-1.69	0.092	-.3575062	.0268842
_cons	-.9407339	.0920512	-10.22	0.000	-1.121151	-.7603168
bi13504						
klevel1	.3633383	.1974835	1.84	0.066	-.0237222	.7503988
klevel2	.6669068	.1968457	3.39	0.001	.2810962	1.052717
klevel3	.8061329	.2021149	3.99	0.000	.409995	1.202271
klevel4	1.069827	.209808	5.10	0.000	.6586108	1.481043
klevel5	1.006442	.2134625	4.71	0.000	.5880634	1.424821
r1308_6	.5787031	.100429	5.76	0.000	.3818659	.7755403
r1308_8	.560211	.2689818	2.08	0.037	.0330164	1.087406
syotoku1000	.1712261	.0894111	1.92	0.055	-.0040165	.3464687
syotoku1000_	.4181321	.1408069	2.97	0.003	.1421557	.6941085
bed15_	.273187	.0890189	3.07	0.002	.0987133	.4476608
r7_2a	-.2394034	.1223297	-1.96	0.050	-.4791652	.0003583
r7_2b	-.1637455	.1472535	-1.11	0.266	-.4523569	.124866
r7_89	.6859672	.2017289	3.40	0.001	.2905859	1.081349
_cons	-2.139547	.18943	-11.29	0.000	-2.510823	-1.768271
/atrho21	.2051735	.049074	4.18	0.000	.1089902	.3013568
/atrho31	.1066965	.048944	2.18	0.029	.0107681	.202625
/atrho41	.0190987	.0691481	0.28	0.782	-.116429	.1546264
/atrho51	-.0155583	.038181	-0.41	0.684	-.0903918	.0592752
/atrho61	-.1657469	.0470999	-3.52	0.000	-.258061	-.0734327
/atrho71	.0240854	.0511621	0.47	0.638	-.0761906	.1243613
/atrho32	.2087013	.052784	3.95	0.000	.1052466	.3121559
/atrho42	.1819488	.0699524	2.60	0.009	.0448447	.319053
/atrho52	-.1804237	.0435864	-4.14	0.000	-.2658514	-.0949959
/atrho62	-.1287446	.0548669	-2.35	0.019	-.2362817	-.0212075
/atrho72	-.0302252	.0545311	-0.55	0.579	-.1371042	.0766538
/atrho43	.2081555	.0793726	2.62	0.009	.052588	.363723
/atrho53	-.2104619	.0448272	-4.69	0.000	-.2983216	-.1226023
/atrho63	.0397154	.0520921	0.76	0.446	-.0623832	.141814
/atrho73	-.0464039	.0568312	-0.82	0.414	-.1577911	.0649832
/atrho54	-.105872	.0530208	-2.00	0.046	-.2097908	-.0019532
/atrho64	.0887477	.062601	1.42	0.156	-.0339479	.2114434
/atrho74	-.0215164	.0693709	-0.31	0.756	-.1574809	.114448
/atrho65	-.2210654	.0421228	-5.25	0.000	-.3036246	-.1385061
/atrho75	.2031052	.0471081	4.31	0.000	.1107751	.2954354
/atrho76	.0316399	.0517444	0.61	0.541	-.0697772	.133057
rho21	.2023421	.0470648	4.30	0.000	.1085607	.2925538
rho31	.1062935	.048391	2.20	0.028	.0107677	.1998967
rho41	.0190964	.0691228	0.28	0.782	-.1159057	.1534057
rho51	-.015557	.0381718	-0.41	0.684	-.0901464	.0592058
rho61	-.1642456	.0458293	-3.58	0.000	-.2524811	-.073301
rho71	.0240807	.0511325	0.47	0.638	-.0760435	.1237241
rho32	.2057231	.05055	4.07	0.000	.1048597	.3023971
rho42	.1799672	.0676867	2.66	0.008	.0448147	.3086504
rho52	-.1784911	.0421978	-4.23	0.000	-.2597604	-.0947112
rho62	-.128038	.0539674	-2.37	0.018	-.2319806	-.0212043
rho72	-.030216	.0544813	-0.55	0.579	-.1362515	.0765041
rho43	.2052004	.0760305	2.70	0.007	.0525396	.3484891
rho53	-.2074086	.0428988	-4.83	0.000	-.2897759	-.1219917
rho63	.0396945	.05201	0.76	0.445	-.0623024	.1408709
rho73	-.0463707	.056709	-0.82	0.414	-.1564944	.0648919
rho54	-.1054782	.0524309	-2.01	0.044	-.2067663	-.0019532
rho64	.0885155	.0621105	1.43	0.154	-.0339349	.2083476
rho74	-.0215131	.0693388	-0.31	0.756	-.1561919	.1139509
rho65	-.2175333	.0401295	-5.42	0.000	-.2946261	-.1376272
rho75	.2003577	.045217	4.43	0.000	.1103242	.2871298
rho76	.0316294	.0516926	0.61	0.541	-.0696642	.1322773

Likelihood ratio test of rho21 = rho31 = rho41 = rho51 = rho61 = rho71 = rho32 = rho42 = rho52 = rho62 = rho72 = rho43 = rho53 = rho63 = rho73 = rho54 = rho64 = rho74 = rho65 = rho75 = rho76 = 0:
chi2(21) = 156.049 Prob > chi2 = 0.0000

分析結果　G 1

Multivariate probit (SML, # draws = 5)　　Number of obs = 1964
Wald chi2(175) = 1163.27
Log likelihood = -5143.596　　Prob > chi2 = 0.0000

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
bi1326						
klevel1	.1493693	.1222056	1.22	0.222	-.0901492	.3888878
klevel2	.1370605	.1361384	1.01	0.314	-.1297658	.4038869
klevel3	.1280014	.1513915	0.85	0.398	-.1687205	.4247234
klevel4	.2455011	.1729276	1.42	0.156	-.0934309	.584433
klevel5	.3162823	.1860302	1.70	0.089	-.0483303	.6808949
r1308_1	-.0494487	.0959526	-0.52	0.606	-.2375124	.1386149
r1308_5	.0681335	.1212261	0.56	0.574	-.1694653	.3057322
r1308_6	-.1993394	.1265783	-1.57	0.115	-.4474282	.0487495
r1308_9	-.1501641	.1258775	-1.19	0.233	-.3968794	.0965512
r1308_11	-.0942318	.1078332	-0.87	0.382	-.305581	.1171174
r1309_1	-.2039864	.1344606	-1.52	0.129	-.4675243	.0595514
r1309_2	-.1777546	.1097003	-1.62	0.105	-.3927632	.037254
r103_1	-.6370132	.1710143	-3.72	0.000	-.9721951	-.3018313
r103_2	-.5486648	.1457382	-3.76	0.000	-.8343063	-.2630232
r103_3	-.3196829	.1202674	-2.66	0.008	-.5554028	-.0839631
syotoku1000	-.1271321	.0784348	-1.62	0.105	-.2808615	.0265973
syotoku1000_	.1728684	.1340216	1.29	0.197	-.0898091	.4355458
helpld	-.0019279	.0040412	-0.48	0.633	-.0098484	.0059926
help2	-.0847754	.0571601	-1.48	0.138	-.1968071	.0272562
help3	-.0940288	.0688676	-1.37	0.172	-.2290067	.0409492
dtime	-.007933	.0047089	-1.68	0.092	-.0171623	.0012963
bed	.0046468	.0062845	0.74	0.460	-.0076705	.0169642
r7_1	1.452588	.1303955	11.14	0.000	1.197018	1.708159
r7_2a	.4763635	.0982437	4.85	0.000	.2838094	.6689177
r7_2b	.7251877	.1105132	6.56	0.000	.5085859	.9417895
_cons	-.4026487	.2092761	-1.92	0.054	-.8128222	.0075249
bi1330						
klevel1	-.0575428	.1876607	-0.31	0.759	-.4253511	.3102655
klevel2	.1704706	.1939788	0.88	0.380	-.2097209	.5506621
klevel3	.541379	.2031461	2.66	0.008	.14322	.939538
klevel4	.7926554	.2166306	3.66	0.000	.3680672	1.217244
klevel5	.8994734	.2294083	3.92	0.000	.4498413	1.349105
r1308_1	-.0114469	.1146333	-0.10	0.920	-.2361241	.2132303
r1308_5	-.0704555	.1614516	-0.44	0.663	-.3868948	.2459839
r1308_6	-.4025278	.1607269	-2.50	0.012	-.7175467	-.0875089
r1308_9	-.0878757	.1501499	-0.59	0.558	-.3821641	.2064127
r1308_11	.0972677	.132006	0.74	0.461	-.1614593	.3559947
r1309_1	-.4428598	.1614007	-2.74	0.006	-.7591994	-.1265201
r1309_2	-.4729131	.1170767	-4.04	0.000	-.7023793	-.2434469
r103_1	-.5141286	.2136651	-2.41	0.016	-.9329044	-.0953527
r103_2	-.3118113	.1624581	-1.92	0.055	-.6302233	.0066007
r103_3	-.1058958	.1243531	-0.85	0.394	-.3496234	.1378318
syotoku1000	.0946134	.0963457	0.98	0.326	-.0942207	.2834474
syotoku1000_	.222285	.1592488	1.40	0.163	-.0898368	.5344068
helpld	.0070694	.0046368	1.52	0.127	-.0020186	.0161573
help2	-.1022089	.0669	-1.53	0.127	-.2333305	.0289128
help3	-.1905716	.0937285	-2.03	0.042	-.374276	-.0068672
dtime	-.0007942	.0056741	-0.14	0.889	-.0119153	.0103269
bed	.0204116	.0072016	2.83	0.005	.0062967	.0345265
r7_1	.6195904	.1694792	3.66	0.000	.2874172	.9517636
r7_2a	.1443673	.1226695	1.18	0.239	-.0960605	.3847952
r7_2b	.1825326	.1434874	1.27	0.203	-.0986976	.4637629
_cons	-1.183116	.2608748	-4.54	0.000	-1.694421	-.6718109
bi1334						
klevel1	.022911	.1755403	0.13	0.896	-.3211416	.3669637
klevel2	.2794793	.1848111	1.51	0.130	-.0827438	.6417024
klevel3	.2598168	.2016501	1.29	0.198	-.1354102	.6550438
klevel4	.5100524	.2164018	2.36	0.018	.0859127	.934192
klevel5	.7791262	.2276144	3.42	0.001	.3330103	1.225242
r1308_1	-.1762479	.1115194	-1.58	0.114	-.3948219	.0423261
r1308_5	-.0932908	.1476958	-0.63	0.528	-.3827692	.1961876
r1308_6	-.4195467	.1550298	-2.71	0.007	-.7233995	-.1156938
r1308_9	-.1194199	.144422	-0.83	0.408	-.4024818	.1636419
r1308_11	-.3198027	.136531	-2.34	0.019	-.5873985	-.0522069
r1309_1	-.4513863	.1622096	-2.78	0.005	-.7693113	-.1334613
r1309_2	-.3069438	.1214738	-2.53	0.012	-.5450281	-.0688596
r103_1	-.0362717	.2062952	-0.18	0.860	-.4406028	.3680594
r103_2	-.0743022	.1677915	-0.44	0.658	-.4031676	.2545631
r103_3	.0054658	.1325706	0.04	0.967	-.2543677	.2652993
syotoku1000	.0816719	.0947173	0.86	0.389	-.1039707	.2673144
syotoku1000_	-.0191209	.1706968	-0.11	0.911	-.3536804	.3154387
helpld	.0129881	.0046148	2.81	0.005	.0039432	.022033
help2	.1142549	.0639977	1.79	0.074	-.0111783	.2396882
help3	.0018239	.0802114	0.02	0.982	-.1553875	.1590352
dtime	.0011242	.0056545	0.20	0.842	-.0099584	.0122068
bed	.0096703	.0072775	1.33	0.184	-.0045934	.0239339
r7_1	.6139068	.1654918	3.71	0.000	.2895489	.9382647
r7_2a	.1648643	.1218067	1.35	0.176	-.0738726	.4036011
r7_2b	.4713474	.1322694	3.56	0.000	.2121042	.7305906
_cons	-1.496571	.2586969	-5.79	0.000	-2.003608	-.9895344
bi1338						
klevel1	.023658	.2787113	0.08	0.932	-.5226061	.5699222
klevel2	-.1068222	.3005798	-0.36	0.722	-.6959479	.4823034
klevel3	.1783516	.3090147	0.58	0.564	-.4273061	.7840092
klevel4	.2059314	.3364594	0.61	0.541	-.4535169	.8653797
klevel5	.2919021	.3492267	0.84	0.403	-.3925697	.9763738
r1308_1	.3148107	.1567432	2.01	0.045	.0075997	.6220218
r1308_5	.0101608	.2230321	0.05	0.964	-.426974	.4472956
r1308_6	-.4364996	.2920236	-1.49	0.135	-1.008855	.1358561
r1308_9	-.3487911	.2740614	-1.27	0.203	-.8859416	.1883594
r1308_11	-.161527	.2178303	-0.74	0.458	-.5884665	.2654124
r1309_1	-.8358385	.2823501	-2.96	0.003	-1.389235	-.2824424
r1309_2	-.2985288	.1695687	-1.76	0.078	-.6308773	.0338197
r103_1	-.057412	.3204476	-0.18	0.858	-.6854779	.5706538
r103_2	.0585545	.2439766	0.24	0.810	-.4196308	.5367398
r103_3	.1903	.1902614	1.00	0.317	-.1826056	.5632056
syotoku1000	.1462474	.1376625	1.06	0.288	-.1235661	.4160609
syotoku1000_	.3440479	.232023	1.48	0.138	-.1107088	.7988045
helpld	.0125481	.0067736	1.85	0.064	-.0007278	.0258241
help2	.0834619	.0954479	0.87	0.382	-.1036125	.2705363
help3	.0271541	.1016697	0.27	0.789	-.1721147	.226423
dtime	.0034608	.0084128	0.41	0.681	-.0130279	.0199496
bed	-.0092436	.0109387	-0.85	0.398	-.030683	.0121958
r7_1	.6330327	.2495841	2.54	0.011	.1438558	1.122209
r7_2a	.4560474	.1645012	2.77	0.006	.1336309	.7784638
r7_2b	.3181146	.2074033	1.53	0.125	-.0883884	.7246175
_cons	-2.185031	.3952399	-5.53	0.000	-2.959687	-1.410375
bi1342						
klevel1	.330262	.1039446	3.18	0.001	.1265342	.5339897
klevel2	.2615655	.115653	2.26	0.024	.0348897	.4882412
klevel3	.3427057	.1307437	2.62	0.009	.0864527	.5989586
klevel4	.3384997	.1529141	2.21	0.027	.0387936	.6382057
klevel5	.1249814	.1685374	0.74	0.458	-.2053457	.4553086
r1308_1	.3147932	.087345	3.60	0.000	.1436002	.4859863
r1308_5	.0046015	.1121745	0.04	0.967	-.2152566	.2244596
r1308_6	.4632032	.1102812	4.20	0.000	.247056	.6793505
r1308_9	.2306554	.1107653	2.08	0.037	.0135595	.4477513
r1308_11	.1977132	.0951408	2.08	0.038	.0112408	.3841857
r1309_1	.1955275	.1231529	1.59	0.112	-.0458477	.4369027
r1309_2	.2494391	.1035682	2.41	0.016	.0464492	.452429
r103_1	.0616703	.1534619	0.40	0.688	-.2391095	.36245
r103_2	-.0539463	.1335564	-0.40	0.686	-.3157121	.2078194
r103_3	-.0639855	.1139136	-0.56	0.574	-.287252	.159281
syotoku1000	.0653171	.0702085	0.93	0.352	-.072269	.2029231
syotoku1000_	.097047	.1205254	0.81	0.421	-.1391785	.3332726
helpld	.0039661	.0035931	1.10	0.270	-.0030761	.0110084
help2	-.0063316	.0468547	-0.14	0.893	-.0981651	.0855019
help3	.0495832	.0649115	0.76	0.445	-.0776409	.1768073
dtime	-.0016456	.0041021	-0.40	0.688	-.0096855	.0063943
bed	-.0158541	.005603	-2.83	0.005	-.0268359	-.0048724
r7_1	-.4952217	.1242347	-3.99	0.000	-.7387172	-.2517261
r7_2a	-.4224161	.0906693	-4.66	0.000	-.6001246	-.2447076
r7_2b	-.3824562	.1064636	-3.59	0.000	-.591121	-.1737914
_cons	-.6217192	.1877304	-3.31	0.001	-.9896641	-.2537743
bi1346						
klevel1	.1907564	.1275995	1.49	0.135	-.0593339	.4408468
klevel2	.3342586	.1387964	2.41	0.016	.0622228	.6062945
klevel3	.1987072	.1569037	1.27	0.205	-.1088184	.5062328
klevel4	.103352	.1867365	0.55	0.580	-.2626447	.4693487
klevel5	.0182815	.2109911	0.09	0.931	-.3952534	.4318165
r1308_1	.1287149	.1028226	1.25	0.211	-.0728137	.3302435
r1308_5	-.0715042	.1339171	-0.53	0.593	-.3339768	.1909685
r1308_6	.0916471	.1305586	0.70	0.483	-.164243	.3475373
r1308_9	.1399464	.1287678	1.09	0.277	-.1124339	.3923268
r1308_11	-.2406959	.1189888	-2.02	0.043	-.4739095	-.0074822
r1309_1	.1767009	.1436651	1.23	0.219	-.1048775	.4582793
r1309_2	.1502099	.1214835	1.24	0.216	-.0878935	.3883132
r103_1	-.1241489	.1849561	-0.67	0.502	-.4866562	.2383585
r103_2	-.0282273	.160261	-0.18	0.860	-.3423331	.2858784
r103_3	.0890468	.14045	0.63	0.526	-.1862302	.3643238
syotoku1000	-.1352505	.0836785	-1.62	0.106	-.2992574	.0287564
syotoku1000_	-.243569	.1507904	-1.62	0.106	-.5391128	.0519748
helpld	-.0067823	.0043397	-1.56	0.118	-.015288	.0017234
help2	.1346792	.0557214	2.42	0.016	.0254674	.2438911
help3	.0622648	.0723725	0.86	0.390	-.0795827	.2041123
dtime	-.0022855	.0049711	-0.46	0.646	-.0120286	.0074577
bed	-.0184194	.0067246	-2.74	0.006	-.0315994	-.0052395
r7_1	.0020877	.1424188	0.01	0.988	-.2770481	.2812235
r7_2a	-.1304756	.1084158	-1.20	0.229	-.3429667	.0820154
r7_2b	.0428223	.1255178	0.34	0.733	-.2031881	.2888327
_cons	-1.146136	.228643	-5.01	0.000	-1.594268	-.6980037
bi1304						
klevel1	.2823589	.1982391	1.42	0.154	-.1061826	.6709003
klevel2	.452544	.2027017	2.23	0.026	.0552559	.8498321
klevel3	.4941267	.2147079	2.30	0.021	.0733069	.9149465
klevel4	.7432431	.230253	3.23	0.001	.2919555	1.194531
klevel5	.6324407	.2451031	2.58	0.010	.1520474	1.112834
r1308_1	.0696316	.1184391	0.59	0.557	-.1625048	.301768
r1308_5	-.3447796	.191449	-1.80	0.072	-.7200127	.0304536
r1308_6	.5341565	.1348009	3.96	0.000	.2699516	.7983615
r1308_9	.0822911	.1498575	0.55	0.583	-.2114243	.3760065
r1308_11	-.0066431	.1366321	-0.05	0.961	-.2744372	.2611509
r1309_1	.2782035	.1590977	1.75	0.080	-.0336222	.5900294
r1309_2	.134338	.1266326	1.06	0.289	-.1138574	.3825334
r103_1	-.869565	.21069	-4.13	0.000	-1.28251	-.4566202
r103_2	-.5618218	.1628846	-3.45	0.001	-.8810696	-.2425739
r103_3	-.1500599	.130931	-1.15	0.252	-.4066799	.1065602
syotoku1000	.139586	.0957528	1.46	0.144	-.0476861	.3276582
syotoku1000_	.4478911	.1463961	3.06	0.002	.16096	.7348222
helpld	.0034048	.0045707	0.74	0.456	-.0055536	.0123633
help2	-.1182919	.0633331	-1.87	0.062	-.2424225	.0058388
help3	-.0807705	.1043226	-0.77	0.439	-.285239	.123698
dtime	-.0038782	.0055765	-0.70	0.487	-.014808	.0070517
bed	.0054346	.0071725	0.76	0.449	-.0086232	.0194924
r7_1	-.2385873	.196426	-1.21	0.225	-.6235752	.1464007
r7_2a	-.3448695	.1302295	-2.65	0.008	-.6001146	-.0896243
r7_2b	-.2180343	.1524084	-1.43	0.153	-.5167494	.0806807
_cons	-1.457652	.2712994	-5.37	0.000	-1.989389	-.9259144
/atrho21	.2053484	.0497087	4.13	0.000	.1079211	.3027757
/atrho31	.1320366	.0490628	2.69	0.007	.0358753	.2281979
/atrho41	.0323115	.070186	0.46	0.645	-.1052505	.1698735
/atrho51	-.0240094	.0381999	-0.63	0.530	-.0988799	.0508611
/atrho61	-.1735032	.0472343	-3.67	0.000	-.2660806	-.0809257
/atrho71	.0009279	.051696	0.02	0.986	-.1003943	.1022501
/atrho32	.2168987	.0531114	4.08	0.000	.1128023	.320995
/atrho42	.1918234	.0721388	2.66	0.008	.050434	.3332128
/atrho52	-.1882933	.0439839	-4.28	0.000	-.2745002	-.1020863
/atrho62	-.1269826	.0547082	-2.32	0.020	-.2342087	-.0197565
/atrho72	-.0531877	.0548599	-0.97	0.332	-.160711	.0543357
/atrho43	.2051749	.0823519	2.49	0.013	.0437682	.3665816
/atrho53	-.2196233	.0450005	-4.88	0.000	-.3078227	-.1314239
/atrho63	.0401814	.0527729	0.76	0.446	-.0632516	.1436145
/atrho73	-.0515767	.057157	-0.90	0.367	-.1636023	.0604489
/atrho54	-.1058729	.0540085	-1.96	0.050	-.2117276	-.0000183
/atrho64	.0853912	.0646029	1.32	0.186	-.0412283	.2120106
/atrho74	-.04396	.0691641	-0.64	0.525	-.1795191	.0915991
/atrho65	-.2130955	.042214	-5.05	0.000	-.2958334	-.1303576
/atrho75	.2242311	.0478026	4.69	0.000	.1305398	.3179225
/atrho76	.023255	.0529311	0.44	0.660	-.0804881	.1269982
rho21	.2025099	.0476702	4.25	0.000	.1075041	.2938507
rho31	.1312746	.0482173	2.72	0.006	.0358599	.2243176
rho41	.0323002	.0701128	0.46	0.645	-.1048636	.1682581
rho51	-.0240048	.0381779	-0.63	0.530	-.0985589	.0508173
rho61	-.1717829	.0458404	-3.75	0.000	-.2599741	-.0807495
rho71	.0009279	.0516959	0.02	0.986	-.1000584	.1018953
rho32	.2135601	.0506891	4.21	0.000	.1123263	.3104064
rho42	.1895047	.0695481	2.72	0.006	.0503912	.3214047
rho52	-.1860991	.0424606	-4.38	0.000	-.2678073	-.1017332
rho62	-.1263045	.0538354	-2.35	0.019	-.2300182	-.019754
rho72	-.0531376	.054705	-0.97	0.331	-.1593416	.0542823
rho43	.2023435	.0789801	2.56	0.010	.0437402	.350998
rho53	-.216159	.0428979	-5.04	0.000	-.298455	-.1306724
rho63	.0401598	.0526878	0.76	0.446	-.0631674	.1426352
rho73	-.051531	.0570052	-0.90	0.366	-.1621582	.0603754
rho54	-.1054791	.0534076	-1.97	0.048	-.2086195	-.0000183
rho64	.0851842	.0641342	1.33	0.184	-.0412049	.2088902
rho74	-.0439317	.0690306	-0.64	0.525	-.1776151	.0913438
rho65	-.2099275	.0403536	-5.20	0.000	-.287495	-.1296242
rho75	.2205471	.0454774	4.85	0.000	.1298033	.3076272
rho76	.0232508	.0529025	0.44	0.660	-.0803147	.1263198

Likelihood ratio test of rho21 = rho31 = rho41 = rho51 = rho61 = rho71 = rho32 = rho42 = rho52 = rho62 = rho72 = rho43 = rho53 = rho63 = rho73 = rho54 = rho64 = rho74 = rho65 = rho75 = rho76 = 0:
chi2(21) = 161.266　Prob > chi2 = 0.0000

分析結果　G 2

Multivariate probit (SML, # draws = 5)　　Number of obs = 1964
　　Wald chi2(161) = 1143.56
Log likelihood = -5157.796　　Prob > chi2 = 0.0000

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
bi1326						
klevel1	.138902	.1218184	1.14	0.254	-.0998577	.3776617
klevel2	.1188572	.1351675	0.88	0.379	-.1460662	.3837805
klevel3	.0947285	.149303	0.63	0.526	-.1978999	.387357
klevel4	.212783	.1693383	1.26	0.209	-.1191139	.54468
klevel5	.2725412	.1814324	1.50	0.133	-.0830599	.6281423
r1308_1	-.0484312	.0959906	-0.50	0.614	-.2365693	.1397068
r1308_5	.0792706	.1209284	0.66	0.512	-.1577447	.3162859
r1308_6	-.2073954	.126185	-1.64	0.100	-.4547135	.0399226
r1308_9	-.1366276	.1255126	-1.09	0.276	-.3826277	.1093726
r1308_11	-.098451	.1076865	-0.91	0.361	-.3095126	.1126107
r1309_2	.0224389	.091652	0.24	0.807	-.1571957	.2020736
r1309_3	.1945155	.1339645	1.45	0.147	-.0680501	.4570812
r103_2	.0708321	.10402	0.68	0.496	-.1330434	.2747075
r103_3	.2866754	.1317667	2.18	0.030	.0284173	.5449334
r103_4	.6111051	.169501	3.61	0.000	.2788893	.943321
syotoku1000	-.1219692	.078226	-1.56	0.119	-.2752894	.0313509
syotoku1000_	.1797046	.1340432	1.34	0.180	-.0830152	.4424245
dtime	-.0077783	.0046995	-1.66	0.098	-.0169892	.0014325
bed	.0042435	.0062783	0.68	0.499	-.0080618	.0165488
r7_1	1.461821	.1195634	12.23	0.000	1.227481	1.696161
r7_2a	.4784575	.0954042	5.02	0.000	.2914687	.6654463
r7_2b	.7388627	.1091423	6.77	0.000	.5249477	.9527778
r7_89	.0600326	.2218952	0.27	0.787	-.3748739	.4949392
_cons	-1.286208	.1591473	-8.08	0.000	-1.598131	-.9742852
bi1330						
klevel1	-.0592537	.1864322	-0.32	0.751	-.4246541	.3061467
klevel2	.1721563	.1922398	0.90	0.371	-.2046267	.5489393
klevel3	.5428402	.200292	2.71	0.007	.1502752	.9354053
klevel4	.8374454	.212738	3.94	0.000	.4204866	1.254404
klevel5	.9243003	.2238214	4.13	0.000	.4856185	1.362982
r1308_1	-.0105799	.114426	-0.09	0.926	-.2348507	.2136909
r1308_5	-.0842558	.1606981	-0.52	0.600	-.3992182	.2307067
r1308_6	-.3898509	.1593538	-2.45	0.014	-.7021787	-.0775231
r1308_9	-.0890829	.1497321	-0.59	0.552	-.3825525	.2043867
r1308_11	.0760601	.1316016	0.58	0.563	-.1818744	.3339946
r1309_2	-.0293812	.1291134	-0.23	0.820	-.2824389	.2236765
r1309_3	.4573431	.1606438	2.85	0.004	.142487	.7721992
r103_2	.17559	.15922	1.10	0.270	-.1364755	.4876556
r103_3	.3889022	.182398	2.13	0.033	.0314087	.7463957
r103_4	.5189897	.211903	2.45	0.014	.1036675	.934312
syotoku1000	.0942901	.096174	0.98	0.327	-.0942074	.2827876
syotoku1000_	.2322565	.1591516	1.46	0.144	-.0796749	.5441879
dtime	-.0005174	.0056473	-0.09	0.927	-.011586	.0105511
bed	.0198562	.0071884	2.76	0.006	.0057673	.0339452
r7_1	.5836349	.1563907	3.73	0.000	.2771148	.890155
r7_2a	.1525628	.1183484	1.29	0.197	-.0793958	.3845213
r7_2b	.1745464	.1414837	1.23	0.217	-.1027566	.4518494
r7_89	-.3359669	.2471679	-1.36	0.174	-.8204071	.1484734
_cons	-2.142829	.2313911	-9.26	0.000	-2.596347	-1.68931
bi1334						
klevel1	.0545682	.1743062	0.31	0.754	-.2870656	.396202
klevel2	.3389645	.1826953	1.86	0.064	-.0191118	.6970407
klevel3	.355294	.1981822	1.79	0.073	-.033136	.7437239
klevel4	.6371934	.2124957	3.00	0.003	.2207094	1.053677
klevel5	.9279975	.2224751	4.17	0.000	.4919543	1.364041
r1308_1	-.1686649	.1109612	-1.52	0.129	-.3861449	.0488152
r1308_5	-.1193066	.1467878	-0.81	0.416	-.4070055	.1683922
r1308_6	-.3799577	.1540362	-2.47	0.014	-.6818632	-.0780523
r1308_9	-.1431333	.1435866	-1.00	0.319	-.4245579	.1382913
r1308_11	-.3200727	.1360386	-2.35	0.019	-.5867034	-.053442
r1309_2	.1410514	.123794	1.14	0.255	-.1015803	.3836831
r1309_3	.484669	.1612109	3.01	0.003	.1687013	.8006366
r103_2	-.0024147	.1396952	-0.02	0.986	-.2762123	.271383
r103_3	.1132038	.1662352	0.68	0.496	-.2126113	.4390189
r103_4	.1092268	.2039266	0.54	0.592	-.290462	.5089157
syotoku1000	.0621287	.094233	0.66	0.510	-.1225646	.2468219
syotoku1000_	-.030878	.1692808	-0.18	0.855	-.3626623	.3009062
dtime	.0019763	.0056055	0.35	0.724	-.0090103	.0129629
bed	.0105364	.0072388	1.46	0.146	-.0036515	.0247242
r7_1	.506786	.1512592	3.35	0.001	.2103234	.8032485
r7_2a	.1609781	.1171212	1.37	0.169	-.0685751	.3905314
r7_2b	.4319716	.1300368	3.32	0.001	.1771041	.6868391
r7_89	-.1237321	.251286	-0.49	0.622	-.6162436	.3687795
_cons	-1.899055	.210705	-9.01	0.000	-2.312029	-1.486081
bi1338						
klevel1	.0536852	.2781179	0.19	0.847	-.491416	.5987863
klevel2	-.0414825	.2975774	-0.14	0.889	-.6247235	.5417584
klevel3	.2844361	.3027091	0.94	0.347	-.3088629	.8777351
klevel4	.346411	.3296914	1.05	0.293	-.2997721	.9925942
klevel5	.440655	.3404434	1.29	0.196	-.2266018	1.107912
r1308_1	.3034889	.1554218	1.95	0.051	-.0011322	.60811
r1308_5	-.0352738	.2213483	-0.16	0.873	-.4691085	.3985608
r1308_6	-.4132725	.2887318	-1.43	0.152	-.9791766	.1526315
r1308_9	-.384922	.2717375	-1.42	0.157	-.9175177	.1476737
r1308_11	-.1785676	.2171987	-0.82	0.411	-.6042692	.247134
r1309_2	.541646	.2423917	2.23	0.025	.066567	1.016725
r1309_3	.876216	.280566	3.12	0.002	.3263169	1.426115
r103_2	.1510327	.2367845	0.64	0.524	-.3130563	.6151217
r103_3	.3185922	.2659072	1.20	0.231	-.2025764	.8397608
r103_4	.1368255	.3177371	0.43	0.667	-.4859277	.7595787
syotoku1000	.1302481	.1369527	0.95	0.342	-.1381939	.3986901
syotoku1000_	.3379805	.2313818	1.46	0.144	-.1155196	.7914806
dtime	.0046024	.0083327	0.55	0.581	-.0117295	.0209343
bed	-.0079494	.0108385	-0.73	0.463	-.0291925	.0132936
r7_1	.5688704	.2248429	2.53	0.011	.1281864	1.009554
r7_2a	.4544576	.1573495	2.89	0.004	.1460583	.7628569
r7_2b	.2906325	.203922	1.43	0.154	-.1090473	.6903122
r7_89	-.3973064	.4480845	-0.89	0.375	-1.275536	.4809231
_cons	-3.016836	.3855631	-7.82	0.000	-3.772525	-2.261146
bi1342						
klevel1	.3350457	.1036821	3.23	0.001	.1318325	.5382589
klevel2	.2725183	.1149127	2.37	0.018	.0472936	.4977431
klevel3	.3624559	.1291461	2.81	0.005	.1093342	.6155775
klevel4	.3635981	.1501617	2.42	0.015	.0692865	.6579097
klevel5	.1579285	.1650087	0.96	0.339	-.1654827	.4813397
r1308_1	.3189944	.0874023	3.65	0.000	.147689	.4902998
r1308_5	-.0005943	.1120847	-0.01	0.996	-.2202763	.2190877
r1308_6	.4788124	.1099977	4.35	0.000	.2632209	.6944038
r1308_9	.2282086	.1106626	2.06	0.039	.0113139	.4451032
r1308_11	.1997746	.0950928	2.10	0.036	.0133962	.3861531
r1309_2	.0536694	.0781997	0.69	0.493	-.0995993	.2069381
r1309_3	-.1852763	.1227507	-1.51	0.131	-.4258632	.0553106
r103_2	-.1080625	.0866944	-1.25	0.213	-.2779804	.0618555
r103_3	-.1096632	.1139647	-0.96	0.336	-.33303	.1137036
r103_4	-.0412102	.1523284	-0.27	0.787	-.3397683	.2573479
syotoku1000	.059644	.0700201	0.85	0.394	-.0775929	.1968809
syotoku1000_	.0822165	.1206476	0.68	0.496	-.1542485	.3186814
dtime	-.0013952	.0040983	-0.34	0.734	-.0094278	.0066373
bed	-.0155916	.0055977	-2.79	0.005	-.0265628	-.0046203
r7_1	-.4679703	.1151135	-4.07	0.000	-.6935887	-.2423519
r7_2a	-.4016719	.0886012	-4.53	0.000	-.5753271	-.2280166
r7_2b	-.3729636	.1056245	-3.53	0.000	-.5799838	-.1659435
r7_89	.0883186	.1965092	0.45	0.653	-.2968323	.4734695
_cons	-.3640487	.1345631	-2.71	0.007	-.6277876	-.1003099
bi1346						
klevel1	.2009935	.1275234	1.58	0.115	-.0489477	.4509347
klevel2	.3469467	.1378168	2.52	0.012	.0768308	.6170626
klevel3	.202813	.1549299	1.31	0.191	-.100844	.50647
klevel4	.0837394	.1832109	0.46	0.648	-.2753473	.4428261
klevel5	.010793	.2072792	0.05	0.958	-.3954667	.4170527
r1308_1	.1276446	.1026536	1.24	0.214	-.0735527	.328842
r1308_5	-.0511049	.133269	-0.38	0.701	-.3123074	.2100976
r1308_6	.0943795	.1295828	0.73	0.467	-.1597942	.3485532
r1308_9	.1393198	.1284494	1.08	0.278	-.1124365	.3910761
r1308_11	-.2320074	.1191014	-1.95	0.051	-.4654419	.0014272
r1309_2	-.0225743	.0907793	-0.25	0.804	-.2004985	.1553498
r1309_3	-.1898603	.1429677	-1.33	0.184	-.4700918	.0903312
r103_2	.1068919	.1031905	1.04	0.300	-.0953577	.3091415
r103_3	.209722	.1328219	1.58	0.114	-.050604	.4700481
r103_4	.1002367	.1821721	0.55	0.582	-.256814	.4572874
syotoku1000	-.1330899	.0832304	-1.60	0.110	-.2962185	.0300387
syotoku1000_	-.2339549	.1494565	-1.57	0.117	-.5268841	.0589744
dtime	-.0026941	.0049607	-0.54	0.587	-.0124168	.0070286
bed	-.0183635	.0067069	-2.74	0.006	-.0315088	-.0052182
r7_1	-.0438986	.1321424	-0.33	0.740	-.3028929	.2150957
r7_2a	-.1715615	.105802	-1.62	0.105	-.3789296	.0358065
r7_2b	.0187195	.1245946	0.15	0.881	-.2254813	.2629204
r7_89	.2304541	.2315175	1.00	0.320	-.2233119	.6842201
_cons	-1.056045	.1646348	-6.41	0.000	-1.378723	-.7333667
bi1354						
klevel1	.2910046	.1983759	1.47	0.142	-.0978049	.6798142
klevel2	.4458487	.2023653	2.20	0.028	.0492201	.8424773
klevel3	.4738573	.2131577	2.22	0.026	.0560759	.8916387
klevel4	.7140584	.2272785	3.14	0.002	.2686008	1.159516
klevel5	.6253055	.2411301	2.59	0.010	.1526993	1.097912
r1308_1	.0954219	.119067	0.80	0.423	-.1379452	.328789
r1308_5	-.3144686	.1913714	-1.64	0.100	-.6895496	.0606125
r1308_6	.5766168	.1351906	4.27	0.000	.3116481	.8415855
r1308_9	.09767	.1508571	0.65	0.517	-.1980044	.3933445
r1308_11	.0036774	.1371976	0.03	0.979	-.265225	.2725798
r1309_2	-.1452981	.1141439	-1.27	0.203	-.369016	.0784198
r1309_3	-.2847878	.1591959	-1.79	0.074	-.596806	.0272304
r103_2	.3178675	.1514681	2.10	0.036	.0209555	.6147395
r103_3	.7159933	.1748045	4.10	0.000	.3733829	1.058604
r103_4	.876483	.2097921	4.18	0.000	.465298	1.287668
syotoku1000	.1322455	.0958584	1.38	0.168	-.0556334	.3201244
syotoku1000_	.4098954	.1469715	2.79	0.005	.1218365	.6979542
dtime	-.0030068	.0055782	-0.54	0.590	-.0139398	.0079262
bed	.005306	.007191	0.74	0.461	-.0087882	.0194002
r7_1	-.1851875	.1824012	-1.02	0.310	-.5426874	.1723123
r7_2a	-.2862912	.1271985	-2.25	0.024	-.5355956	-.0369868
r7_2b	-.1706683	.1510676	-1.13	0.259	-.4667553	.1254187
r7_89	.6948462	.2055989	3.38	0.001	.2918798	1.097813
_cons	-2.14971	.2331443	-9.22	0.000	-2.606664	-1.692755
/atrho21	.2047379	.0495499	4.13	0.000	.1076218	.301854
/atrho31	.1233202	.0486889	2.53	0.011	.0278917	.2187486
/atrho41	.0343766	.069824	0.49	0.622	-.1024759	.1712291
/atrho51	-.0259919	.0381776	-0.68	0.496	-.1008185	.0488348
/atrho61	-.1712802	.0469114	-3.65	0.000	-.2632248	-.0793356
/atrho71	-.001353	.0516347	-0.03	0.979	-.1025551	.0998492
/atrho32	.2151077	.0527491	4.08	0.000	.1117214	.318494
/atrho42	.1882157	.0712296	2.64	0.008	.0486082	.3278232
/atrho52	-.1865776	.0438227	-4.26	0.000	-.2724685	-.1006867
/atrho62	-.1307086	.0546635	-2.39	0.017	-.2378472	-.02357
/atrho72	-.0392978	.0552979	-0.71	0.477	-.1476796	.069084
/atrho43	.2274561	.0814949	2.79	0.005	.0677291	.3871831
/atrho53	-.2157254	.044864	-4.81	0.000	-.3036572	-.1277936
/atrho63	.0320236	.0523324	0.61	0.541	-.070546	.1345932
/atrho73	-.0485749	.0568929	-0.85	0.393	-.160083	.0629332
/atrho54	-.1109757	.0538828	-2.06	0.039	-.216584	-.0053673
/atrho64	.0830787	.0638414	1.30	0.193	-.0420482	.2082056
/atrho74	-.0255912	.0695099	-0.37	0.713	-.1618282	.1106458
/atrho65	-.2133914	.0421031	-5.07	0.000	-.2959118	-.1308709
/atrho75	.219997	.047655	4.62	0.000	.1265949	.313399
/atrho76	.0197366	.0529798	0.37	0.709	-.0841019	.1235751
rho21	.2019244	.0475296	4.25	0.000	.1072082	.2930084
rho31	.1226988	.0479559	2.56	0.011	.0278845	.215325
rho41	.0343631	.0697415	0.49	0.622	-.1021186	.169575
rho51	-.025986	.0381518	-0.68	0.496	-.1004783	.048796
rho61	-.1696247	.0455616	-3.72	0.000	-.2573093	-.0791696
rho71	-.001353	.0516346	-0.03	0.979	-.1021971	.0995187
rho32	.2118502	.0503817	4.20	0.000	.1112589	.3081446
rho42	.1860242	.0687647	2.71	0.007	.0485699	.3165635
rho52	-.1844423	.0423319	-4.36	0.000	-.2659203	-.1003478
rho62	-.1299693	.0537402	-2.42	0.016	-.2334613	-.0235657
rho72	-.0392776	.0552125	-0.71	0.477	-.1466153	.0689743
rho43	.2236131	.0774199	2.89	0.004	.0676257	.3689293
rho53	-.2124401	.0428392	-4.96	0.000	-.2946559	-.1271024
rho63	.0320127	.0522788	0.61	0.540	-.0704292	.1337863
rho73	-.0485367	.0567589	-0.86	0.392	-.1587294	.0628502
rho54	-.1105223	.0532246	-2.08	0.038	-.2132598	-.0053673
rho64	.0828881	.0634028	1.31	0.191	-.0420234	.2052483
rho74	-.0255856	.0694644	-0.37	0.713	-.1604302	.1101965
rho65	-.2102103	.0402426	-5.22	0.000	-.287567	-.1301288
rho75	.2165152	.045421	4.77	0.000	.125923	.3035262
rho76	.0197341	.0529592	0.37	0.709	-.0839042	.1229499

Likelihood ratio test of rho21 = rho31 = rho41 = rho51 = rho61 = rho71 = rho32 = rho42 = rho52 = rho62 = rho72 = rho43 = rho53 = rho63 = rho73 = rho54 = rho64 = rho74 = rho65 = rho75 = rho76 = 0:
chi2(21) = 160.118　Prob > chi2 = 0.0000

分析結果　G 3

Multivariate probit (SML, # draws = 5)　　Number of obs = 1964
Wald chi2(161) = 1132.65
Log likelihood = -5163.8444　　Prob > chi2 = 0.0000

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
bi1326						
klevel1	.1546494	.1219502	1.27	0.205	-.0843687	.3936674
klevel2	.1501044	.1354658	1.11	0.268	-.1154036	.4156124
klevel3	.1467825	.1501558	0.98	0.328	-.1475175	.4410824
klevel4	.3037644	.1689709	1.80	0.072	-.0274126	.6349413
klevel5	.3974899	.1793388	2.22	0.027	.0459924	.7489875
r1308_1	-.0520881	.0958342	-0.54	0.587	-.2399197	.1357435
r1308_5	.0682246	.1206958	0.57	0.572	-.1683348	.3047841
r1308_6	-.2264004	.1241009	-1.82	0.068	-.4696338	.0168329
r1308_9	-.1509654	.1257608	-1.20	0.230	-.397452	.0955212
r1308_11	-.1040452	.1075287	-0.97	0.333	-.3147977	.1067072
r103_1	-.7321231	.1594771	-4.59	0.000	-1.044692	-.4195537
r103_2	-.6381642	.1354629	-4.71	0.000	-.9036665	-.3726618
r103_3	-.3771908	.1149833	-3.28	0.001	-.6025539	-.1518277
syotoku1000	-.1305661	.0783421	-1.67	0.096	-.2841138	.0229815
syotoku1000_	.1724873	.1339168	1.29	0.198	-.0899848	.4349595
helpld	-.0013209	.0040212	-0.33	0.743	-.0092023	.0065605
help2	-.0861309	.0571168	-1.51	0.132	-.1980778	.0258159
help3	-.090958	.0686793	-1.32	0.185	-.225577	.043641
dtime	-.0079196	.0047006	-1.68	0.092	-.0171326	.0012933
bed	.005028	.0062704	0.80	0.423	-.0072618	.0173178
r7_1	1.446386	.1302007	11.11	0.000	1.191197	1.701575
r7_2a	.470233	.0980577	4.80	0.000	.2780435	.6624225
r7_2b	.7204795	.1103485	6.53	0.000	.5042005	.9367585
_cons	-.496195	.2018674	-2.46	0.014	-.8918479	-.1005421
bi1330						
klevel1	-.0569132	.1868554	-0.30	0.760	-.4227511	.3089247
klevel2	.1901093	.1922145	0.99	0.323	-.1866243	.5668428
klevel3	.5698565	.1999137	2.85	0.004	.178033	.9616801
klevel4	.9144726	.2115311	4.32	0.000	.4998793	1.329066
klevel5	1.079666	.2221394	4.86	0.000	.644281	1.515051
r1308_1	-.020128	.1140312	-0.18	0.860	-.2436251	.203369
r1308_5	-.0683022	.1597537	-0.43	0.669	-.3814137	.2448093
r1308_6	-.4497483	.1566306	-2.87	0.004	-.7567386	-.1427581
r1308_9	-.091874	.1494026	-0.61	0.539	-.3846977	.2009498
r1308_11	.0705528	.1310698	0.54	0.590	-.1863393	.3274448
r103_1	-.7315785	.1994128	-3.67	0.000	-1.12242	-.3407367
r103_2	-.541227	.149395	-3.62	0.000	-.8340358	-.2484183
r103_3	-.2481475	.1187454	-2.09	0.037	-.4808843	-.0154107
syotoku1000	.0901858	.0956089	0.94	0.346	-.0972041	.2775758
syotoku1000_	.2273945	.1579177	1.44	0.150	-.0821185	.5369074
helpld	.0090206	.0045693	1.97	0.048	.0000649	.0179762
help2	-.1046538	.0664523	-1.57	0.115	-.2348979	.0255903
help3	-.1739069	.092889	-1.87	0.061	-.355966	.0081523
dtime	-.0011743	.0056326	-0.21	0.835	-.012214	.0098653
bed	.0208156	.0071423	2.91	0.004	.0068168	.0348143
r7_1	.5886551	.1686153	3.49	0.000	.2581753	.919135
r7_2a	.1295653	.1216149	1.07	0.287	-.1087956	.3679262
r7_2b	.1686456	.1422281	1.19	0.236	-.1101164	.4474075
_cons	-1.397839	.2530367	-5.52	0.000	-1.893782	-.9018963
bi1334						
klevel1	.0436738	.1741899	0.25	0.802	-.2977321	.3850797
klevel2	.3051447	.1837681	1.66	0.097	-.0550341	.6653236
klevel3	.3117547	.1993158	1.56	0.118	-.0788971	.7024065
klevel4	.6233944	.2116954	2.94	0.003	.208479	1.03831
klevel5	.9325642	.2204467	4.23	0.000	.5004965	1.364632
r1308_1	-.1842463	.1111167	-1.66	0.097	-.402031	.0335383
r1308_5	-.0810535	.1466828	-0.55	0.581	-.3685464	.2064395
r1308_6	-.4863201	.1515571	-3.21	0.001	-.7833665	-.1892736
r1308_9	-.1205189	.1438925	-0.84	0.402	-.402543	.1615053
r1308_11	-.3353613	.1355624	-2.47	0.013	-.6010586	-.0696639
r103_1	-.2437118	.192418	-1.27	0.205	-.6208443	.1334206
r103_2	-.2486546	.1554834	-1.60	0.110	-.5533964	.0560872
r103_3	-.0881741	.1275556	-0.69	0.489	-.3381785	.1618303
syotoku1000	.0714179	.0940661	0.76	0.448	-.1129482	.255784
syotoku1000_	-.0194839	.1696911	-0.11	0.909	-.3520723	.3131046
helpld	.0141507	.0045683	3.10	0.002	.005197	.0231045
help2	.1123755	.0637022	1.76	0.078	-.0124786	.2372296
help3	.0073388	.0803356	0.09	0.927	-.150116	.1647936
dtime	.0013753	.0056299	0.24	0.807	-.009659	.0124096
bed	.0104654	.0072322	1.45	0.148	-.0037095	.0246402
r7_1	.5896584	.164611	3.64	0.000	.2770269	.92229
r7_2a	.1533064	.1210889	1.27	0.205	-.0840234	.3906363
r7_2b	.4649579	.1313981	3.54	0.000	.2074223	.7224935
_cons	-1.672381	.2511	-6.66	0.000	-2.164528	-1.180234
bi1338						
klevel1	.0683721	.2715575	0.25	0.801	-.4638707	.600615
klevel2	-.0241277	.2925666	-0.08	0.934	-.5975478	.5492923
klevel3	.2899818	.3002526	0.97	0.334	-.2985026	.8784661
klevel4	.389428	.3228745	1.21	0.228	-.2433944	1.02225
klevel5	.5027186	.3338295	1.51	0.132	-.1515752	1.157012
r1308_1	.2892047	.1540523	1.88	0.060	-.0127322	.5911416
r1308_5	.0329801	.2209455	0.15	0.881	-.400065	.4660253
r1308_6	-.556976	.2809367	-1.98	0.047	-1.107602	-.0063502
r1308_9	-.3524254	.2694459	-1.31	0.191	-.8805297	.1756788
r1308_11	-.2010922	.2137621	-0.94	0.347	-.6200581	.2178738
r103_1	-.3613105	.3012257	-1.20	0.230	-.951702	.2290811
r103_2	-.1402722	.2290245	-0.61	0.540	-.5891518	.3086075
r103_3	.105165	.1847199	0.57	0.569	-.2568793	.4672094
syotoku1000	.1363785	.1353236	1.01	0.314	-.1288508	.4016078
syotoku1000_	.3178031	.230427	1.38	0.168	-.1338255	.7694317
helpld	.01353	.0066296	2.04	0.041	.0005362	.0265237
help2	.0901154	.0942125	0.96	0.339	-.0945377	.2747684
help3	.0346825	.1008996	0.34	0.731	-.1630771	.232442
dtime	.0047509	.0082969	0.57	0.567	-.0115107	.0210125
bed	-.0072486	.0108421	-0.67	0.504	-.0284987	.0140014
r7_1	.6397613	.2445285	2.62	0.009	.1604942	1.119028
r7_2a	.4311202	.1612148	2.67	0.007	.115145	.7470953
r7_2b	.3249466	.2034839	1.60	0.110	-.0738745	.7237677
_cons	-2.430841	.379894	-6.40	0.000	-3.17542	-1.686262
bi1342						
klevel1	.3338063	.1036774	3.22	0.001	.1306024	.5370102
klevel2	.2601414	.1150661	2.26	0.024	.034616	.4856668
klevel3	.3411894	.1295783	2.63	0.008	.0872205	.5951583
klevel4	.2807967	.1493372	1.88	0.060	-.0118987	.5734922
klevel5	.0359884	.1626694	0.22	0.825	-.2828378	.3548147
r1308_1	.314675	.0872491	3.61	0.000	.14367	.4856801
r1308_5	.0175942	.1112526	0.16	0.874	-.2004568	.2356452
r1308_6	.4752496	.1075188	4.42	0.000	.2645166	.6859826
r1308_9	.2353394	.1105173	2.13	0.033	.0187295	.4519493
r1308_11	.2042587	.0948593	2.15	0.031	.0183379	.3901796
r103_1	.1588759	.1415406	1.12	0.262	-.1185387	.4362904
r103_2	.057839	.1228162	0.47	0.638	-.1828764	.2985543
r103_3	.0169856	.1082933	0.16	0.875	-.1952653	.2292364
syotoku1000	.069399	.0701141	0.99	0.322	-.0680222	.2068202
syotoku1000_	.0954189	.1205369	0.79	0.429	-.1408291	.3316669
helpld	.0031051	.0035731	0.87	0.385	-.003898	.0101082
help2	-.0054542	.0468155	-0.12	0.907	-.0972108	.0863025
help3	.048648	.0645168	0.75	0.451	-.0778026	.1750986
dtime	-.0014132	.0040923	-0.35	0.730	-.0094339	.0066075
bed	-.0159778	.0055932	-2.86	0.004	-.0269401	-.0050154
r7_1	-.4846412	.1240553	-3.91	0.000	-.7277851	-.2414973
r7_2a	-.4173796	.0905524	-4.61	0.000	-.5948591	-.2399002
r7_2b	-.3759075	.1062486	-3.54	0.000	-.5841509	-.167664
_cons	-.5150512	.1805031	-2.85	0.004	-.8688307	-.1612717
bi1346						
klevel1	.1864578	.1273102	1.46	0.143	-.0630655	.4359812
klevel2	.323337	.1381805	2.34	0.019	.0525081	.5941658
klevel3	.1836692	.1556915	1.18	0.238	-.1214806	.4888189
klevel4	.0575757	.1830492	0.31	0.753	-.3011941	.4163455
klevel5	-.0530137	.2035733	-0.26	0.795	-.45201	.3459826
r1308_1	.1314249	.1027331	1.28	0.201	-.0699282	.3327781
r1308_5	-.0733153	.1333522	-0.55	0.582	-.3346809	.1880503
r1308_6	.1173691	.127013	0.92	0.355	-.1315718	.36631
r1308_9	.1419707	.1285883	1.10	0.270	-.1100578	.3939992
r1308_11	-.2326711	.118799	-1.96	0.050	-.4655129	.0001707
r103_1	-.0405428	.1724713	-0.24	0.814	-.3785804	.2974948
r103_2	.0473424	.1496957	0.32	0.752	-.2460558	.3407406
r103_3	.1390869	.1346205	1.03	0.302	-.1247644	.4029382
syotoku1000	-.1306859	.0835611	-1.56	0.118	-.2944626	.0330908
syotoku1000_	-.2445488	.1508172	-1.62	0.105	-.540145	.0510474
helpld	-.0071827	.004326	-1.66	0.097	-.0156616	.0012962
help2	.1355557	.0556449	2.44	0.015	.0264938	.2446176
help3	.0603981	.0724973	0.83	0.405	-.081694	.2024903
dtime	-.0024138	.0049618	-0.49	0.627	-.0121388	.0073111
bed	-.0185878	.0067135	-2.77	0.006	-.0317462	-.0054295
r7_1	.0015512	.1425844	0.01	0.991	-.277909	.2810115
r7_2a	-.1269338	.1083035	-1.17	0.241	-.3392048	.0853372
r7_2b	.0433201	.1254949	0.35	0.730	-.2026454	.2892855
_cons	-1.065663	.2192539	-4.86	0.000	-1.495393	-.6359333
bi1354						
klevel1	.2685866	.1979532	1.36	0.175	-.1193946	.6565678
klevel2	.4326644	.202161	2.14	0.032	.0364362	.8288925
klevel3	.4624647	.2135107	2.17	0.030	.0439915	.880938
klevel4	.6778314	.2266878	2.99	0.003	.2335315	1.122131
klevel5	.549026	.2391179	2.30	0.022	.0803635	1.017689
r1308_1	.0700336	.1181718	0.59	0.553	-.1615789	.3016461
r1308_5	-.3637952	.1901942	-1.91	0.056	-.736569	.0089786
r1308_6	.5802863	.131915	4.40	0.000	.3217377	.8388349
r1308_9	.0736529	.1492775	0.49	0.622	-.2189257	.3662315
r1308_11	-.003147	.1365909	-0.02	0.982	-.2708602	.2645662
r103_1	-.7302676	.1952928	-3.74	0.000	-1.113034	-.3475008
r103_2	-.4622128	.1498279	-3.08	0.002	-.7558701	-.1685555
r103_3	-.1004532	.1239794	-0.81	0.418	-.3434483	.1425419
syotoku1000	.1453101	.095689	1.52	0.129	-.0422369	.3328571
syotoku1000_	.4484524	.1462333	3.07	0.002	.1618405	.7350643
helpld	.0029689	.004542	0.65	0.513	-.0059332	.011871
help2	-.1178419	.0632466	-1.86	0.062	-.2418029	.006119
help3	-.080931	.1032446	-0.78	0.433	-.2832866	.1214247
dtime	-.0043074	.0055553	-0.78	0.438	-.0151957	.0065809
bed	.004808	.0071463	0.67	0.501	-.0091984	.0188144
r7_1	-.2333186	.1954448	-1.19	0.233	-.6163834	.1497463
r7_2a	-.3388546	.1299908	-2.61	0.009	-.593632	-.0840773
r7_2b	-.2171767	.152161	-1.43	0.153	-.5154068	.0810535
_cons	-1.359384	.2633037	-5.16	0.000	-1.87545	-.8433187
/atrho21	.2103927	.0494714	4.25	0.000	.1134305	.3073549
/atrho31	.1352546	.0487771	2.77	0.006	.0396532	.2308559
/atrho41	.026404	.0691278	0.38	0.702	-.1090841	.161892
/atrho51	-.02586	.038156	-0.68	0.498	-.1006444	.0489243
/atrho61	-.1742862	.0472673	-3.69	0.000	-.2669285	-.0816439
/atrho71	-.0022037	.0516379	-0.04	0.966	-.1034121	.0990048
/atrho32	.2319167	.0527125	4.40	0.000	.1286021	.3352313
/atrho42	.202575	.0703744	2.88	0.004	.0646437	.3405063
/atrho52	-.1946801	.0437953	-4.45	0.000	-.2805174	-.1088429
/atrho62	-.1319915	.0544626	-2.42	0.015	-.2387363	-.0252468
/atrho72	-.0634297	.0545497	-1.16	0.245	-.1703451	.0434858
/atrho43	.2139754	.0813334	2.63	0.009	.0545648	.3733859
/atrho53	-.2234428	.0448403	-4.98	0.000	-.3113283	-.1355574
/atrho63	.0357058	.0526303	0.68	0.498	-.0674477	.1388593
/atrho73	-.0609786	.0570364	-1.07	0.285	-.1727679	.0508106
/atrho54	-.1153448	.0538305	-2.14	0.032	-.2208507	-.0098389
/atrho64	.0797815	.0644397	1.24	0.216	-.0465179	.2060809
/atrho74	-.0562887	.0689114	-0.82	0.414	-.1913526	.0787752
/atrho65	-.2100867	.042151	-4.98	0.000	-.2927012	-.1274721
/atrho75	.2247888	.0477443	4.71	0.000	.1312117	.3183659
/atrho76	.0244326	.052832	0.46	0.644	-.0791161	.1279814
rho21	.2073423	.0473446	4.38	0.000	.1129465	.2980289
rho31	.1344358	.0478956	2.81	0.005	.0396324	.2268404
rho41	.0263978	.0690797	0.38	0.702	-.1086535	.1604924
rho51	-.0258543	.0381305	-0.68	0.498	-.1003059	.0488853
rho61	-.1725427	.0458601	-3.76	0.000	-.2607645	-.081463
rho71	-.0022037	.0516376	-0.04	0.966	-.103045	.0986825
rho32	.2278464	.049976	4.56	0.000	.1278978	.3232135
rho42	.1998487	.0675637	2.96	0.003	.0645538	.3279293
rho52	-.1922574	.0421765	-4.56	0.000	-.2733838	-.1084152
rho62	-.1312303	.0535247	-2.45	0.014	-.2343018	-.0252414
rho72	-.0633448	.0543308	-1.17	0.244	-.1687164	.0434584
rho43	.2107684	.0777203	2.71	0.007	.0545107	.3569498
rho53	-.219797	.0426741	-5.15	0.000	-.301645	-.1347331
rho63	.0356906	.0525632	0.68	0.497	-.0673456	.1379736
rho73	-.0609032	.0568248	-1.07	0.284	-.1710692	.050767
rho54	-.114836	.0531207	-2.16	0.031	-.2173288	-.0098386
rho64	.0796126	.0640312	1.24	0.214	-.0464844	.2032122
rho74	-.0562293	.0686935	-0.82	0.413	-.1890508	.0786126
rho65	-.2070495	.0403441	-5.13	0.000	-.2846191	-.1267862
rho75	.2210776	.0454108	4.87	0.000	.1304639	.3080286
rho76	.0244278	.0528004	0.46	0.644	-.0789515	.1272872

Likelihood ratio test of rho21 = rho31 = rho41 = rho51 = rho61 = rho71 = rho32 = rho42 = rho52 = rho62 = rho72 = rho43 = rho53 = rho63 = rho73 = rho54 = rho64 = rho74 = rho65 = rho75 = rho76 = 0:
chi2(21) = 169.687　Prob > chi2 = 0.0000

分析結果　G 4

Multivariate probit (SML, # draws = 5)

Log likelihood = -5151.8022

Number of obs	= 1964
Wald chi2(133)	= 1150.44
Prob > chi2	= 0.0000

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
bi1326						
klevel1	.1517899	.121702	1.25	0.212	-.0867417	.3903214
klevel2	.1270535	.1351944	0.94	0.347	-.1379227	.3920297
klevel3	.1138549	.1500439	0.76	0.448	-.1802257	.4079356
klevel4	.2300527	.1715174	1.34	0.180	-.1061153	.5662207
klevel5	.2975404	.1841809	1.62	0.106	-.0634475	.6585283
r1308_6	-.1816985	.1119566	-1.62	0.105	-.4011295	.0377324
r1308_9	-.1364761	.1124023	-1.21	0.225	-.3567806	.0838283
r1308_11	-.0858389	.0925719	-0.93	0.354	-.2672765	.0955988
r1309_1	-.209584	.1341698	-1.56	0.118	-.4725521	.053384
r1309_2	-.1760558	.1095841	-1.61	0.108	-.3908366	.038725
r103_1	-.6333692	.1697571	-3.73	0.000	-.9660869	-.3006514
r103_2	-.5467741	.1449657	-3.77	0.000	-.8309017	-.2626466
r103_3	-.3111191	.1195083	-2.60	0.009	-.5453511	-.0768871
syotoku1000	-.1257273	.0783772	-1.60	0.109	-.2793438	.0278892
syotoku1000_	.1753851	.1338348	1.31	0.190	-.0869262	.4376964
helpld	-.0022168	.0040293	-0.55	0.582	-.010114	.0056804
help2	-.0856956	.0571771	-1.50	0.134	-.1977608	.0263695
help3	-.0944648	.068663	-1.38	0.169	-.2290417	.0401122
dtime	-.0076146	.0046449	-1.64	0.101	-.0167185	.0014893
bed	.0047344	.0062742	0.75	0.450	-.0075527	.0170316
r7_1	1.459054	.1299373	11.23	0.000	1.204382	1.713727
r7_2a	.4740156	.0980355	4.84	0.000	.2818696	.6661616
r7_2b	.738639	.1095158	6.74	0.000	.5239919	.953286
_cons	-.4110544	.2028618	-2.03	0.043	-.8086561	-.0134526
bi1330						
klevel2	.2216557	.1338208	1.66	0.098	-.0406283	.4839397
klevel3	.5833494	.143403	4.07	0.000	.3022847	.8644142
klevel4	.8341465	.1604118	5.20	0.000	.5197451	1.148548
klevel5	.9353142	.1758755	5.32	0.000	.5906046	1.280024
r1308_6	-.3774712	.1405906	-2.68	0.007	-.6530237	-.1019187
r1308_11	.1232	.1099647	1.12	0.263	-.0923267	.3387268
r1309_2	-.0361916	.1285303	-0.28	0.778	-.2881065	.2157232
r1309_3	.4385324	.1603941	2.73	0.006	.1241657	.7528991
r103_2	.1954965	.1595665	1.23	0.221	-.1172481	.5082411
r103_3	.4008996	.1828897	2.19	0.028	.0424424	.7593568
r103_4	.5196447	.2109004	2.46	0.014	.1062876	.9330018
syotoku1000	.09335	.0962614	0.97	0.332	-.095319	.2820189
syotoku1000_	.2224663	.159124	1.40	0.162	-.089411	.5343436
helpld	.0073751	.0045978	1.60	0.109	-.0016364	.0163866
help2	-.1021374	.0665614	-1.53	0.125	-.2325954	.0283205
help3	-.187035	.0929805	-2.01	0.044	-.3692734	-.0047967
bed	.0200966	.0071491	2.81	0.005	.0060846	.0341086
r7_1	.6182804	.1688311	3.66	0.000	.2873775	.9491834
r7_2a	.1445961	.1221885	1.18	0.237	-.094889	.3840812
r7_2b	.1760039	.1425737	1.23	0.217	-.1034353	.4554432
_cons	-2.208676	.1838309	-12.01	0.000	-2.568978	-1.848374
bi1334						
klevel2	.2574108	.1181047	2.18	0.029	.0259299	.4888917
klevel3	.2289395	.1353163	1.69	0.091	-.0362756	.4941546
klevel4	.4742175	.1528294	3.10	0.002	.1746773	.7737577
klevel5	.7215551	.163366	4.42	0.000	.4013636	1.041747
r1308_6	-.3171208	.1386946	-2.29	0.022	-.5889571	-.0452844
r1308_9	-.0155939	.1279907	-0.12	0.903	-.2664511	.2352633
r1308_11	-.2245903	.1197148	-1.88	0.061	-.4592269	.0100464
r1309_2	.1583252	.1188029	1.33	0.183	-.0745242	.3911746
r1309_3	.4874252	.1500315	3.25	0.001	.1933689	.7814815
syotoku1000	.0830507	.0944721	0.88	0.379	-.1021113	.2682127
syotoku1000_	-.0059886	.1697301	-0.04	0.972	-.3386535	.3266763
helpld	.0132341	.0045157	2.93	0.003	.0043835	.0220848
help2	.1138119	.0632354	1.80	0.072	-.0101271	.2377509
bed	.0113029	.0065431	1.73	0.084	-.0015213	.024127
r7_1	.6337889	.1584226	4.00	0.000	.3232863	.9442915
r7_2a	.1674589	.120021	1.40	0.163	-.0677779	.4026958
r7_2b	.4771345	.1310168	3.64	0.000	.2203462	.7339227
_cons	-2.074229	.1552753	-13.36	0.000	-2.378563	-1.769895
bi1338						
r1308_1	.3508574	.1374863	2.55	0.011	.0813893	.6203255
r1308_6	-.3921383	.2778457	-1.41	0.158	-.9367059	.1524293
r1308_9	-.3216475	.2625495	-1.23	0.221	-.836235	.19294
r1308_11	-.1557353	.2028282	-0.77	0.443	-.5532712	.2418007
r1309_2	.5641118	.235139	2.40	0.016	.1032478	1.024976
r1309_3	.9303129	.2689465	3.46	0.001	.4031875	1.457438
r103_3	.1888878	.1595687	1.18	0.237	-.1238611	.5016367
r103_4	.0578559	.2230197	0.26	0.795	-.3792548	.4949665
syotoku300	-.3625215	.2308022	-1.57	0.116	-.8148854	.0898424
syotoku1000	-.220322	.2136464	-1.03	0.302	-.6390613	.1984172
helpld	.0150247	.0064849	2.32	0.021	.0023147	.0277348
help2	.087657	.0942965	0.93	0.353	-.0971608	.2724749
bed	-.0081774	.0107813	-0.76	0.448	-.0293083	.0129535
r7_1	.644753	.2366244	2.72	0.006	.1809777	1.108528
r7_2a	.4471667	.160599	2.78	0.005	.1323986	.7619349
r7_2b	.3220484	.2054362	1.57	0.117	-.0805992	.7246961
_cons	-2.634078	.3010627	-8.75	0.000	-3.22415	-2.044006
bi1342						
klevel1	.3125794	.1024068	3.05	0.002	.1118658	.513293
klevel2	.22156	.1110047	2.00	0.046	.0039949	.4391252
klevel3	.3117056	.1241243	2.51	0.012	.0684263	.5549848
klevel4	.3127953	.1468535	2.13	0.033	.0249677	.6006229
klevel5	.1176501	.1603712	0.73	0.463	-.1966718	.4319719
r1308_1	.300456	.0786077	3.82	0.000	.1463877	.4545243
r1308_6	.4592933	.1039143	4.42	0.000	.2556251	.6629615
r1308_9	.2118037	.1030544	2.06	0.040	.0098208	.4137866
r1308_11	.2008732	.086568	2.32	0.020	.031203	.3705434
r1309_1	.2025382	.1129983	1.79	0.073	-.0189344	.4240109
r1309_2	.2307162	.0959762	2.40	0.016	.0426063	.4188262
syotoku1000	.0675797	.0700916	0.96	0.335	-.0697973	.2049568
syotoku1000_	.0950224	.1203325	0.79	0.430	-.140825	.3308698
helpld	.0036768	.0035386	1.04	0.299	-.0032587	.0106122
bed	-.0156876	.0050669	-3.10	0.002	-.0256186	-.0057566
r7_1	-.4615937	.1150981	-4.01	0.000	-.6871818	-.2360055
r7_2a	-.4136882	.0885718	-4.67	0.000	-.5872857	-.2400908
r7_2b	-.3727	.1047963	-3.56	0.000	-.5780969	-.1673031
_cons	-.6228848	.1502834	-4.14	0.000	-.9174349	-.3283348
bi1346						
klevel1	.2030705	.1266127	1.60	0.109	-.0450858	.4512269
klevel2	.3864025	.1349899	2.86	0.004	.1218272	.6509778
klevel3	.2614825	.1510294	1.73	0.083	-.0345296	.5574946
klevel4	.1612227	.1817104	0.89	0.375	-.1949231	.5173685
klevel5	.0509071	.2036805	0.25	0.803	-.3482994	.4501137
r1308_1	.1507855	.0932475	1.62	0.106	-.0319762	.3335472
r1308_6	.1056545	.1232223	0.86	0.391	-.1358567	.3471658
r1308_9	.1673046	.1207139	1.39	0.166	-.0692903	.4038994
r1308_11	-.2220008	.1103091	-2.01	0.044	-.4382026	-.0057989
r1309_2	.0032676	.087195	0.04	0.970	-.1676314	.1741667
r1309_3	-.1373132	.133575	-1.03	0.304	-.3991154	.124489
syotoku1000	-.1405012	.0813399	-1.73	0.084	-.2999246	.0189221
syotoku1000_	-.2492222	.1479118	-1.68	0.092	-.539124	.0406796
helpld	-.0058837	.0042699	-1.38	0.168	-.0142526	.0024851
help2	.13726	.0547296	2.51	0.012	.0299919	.2445281
help3	.0731015	.0714493	1.02	0.306	-.0669365	.2131395
bed	-.0171527	.0060958	-2.81	0.005	-.0291003	-.0052052
r7_1	-.0166537	.1374653	-0.12	0.904	-.2860808	.2527734
r7_2a	-.1385972	.1043152	-1.33	0.184	-.3430512	.0658568
_cons	-1.087262	.1448222	-7.51	0.000	-1.371108	-.8034152
bi1504						
klevel1	.2881733	.1980274	1.46	0.146	-.0999532	.6762999
klevel2	.4604879	.2021244	2.28	0.023	.0643314	.8566443
klevel3	.5072745	.2132716	2.38	0.017	.0892698	.9252791
klevel4	.7634142	.2291225	3.33	0.001	.3143423	1.212486
klevel5	.6620522	.242697	2.73	0.006	.1863747	1.13773
r1308_5	-.3863676	.1741275	-2.22	0.026	-.7276512	-.0450839
r1308_6	.5007206	.1070009	4.68	0.000	.2910028	.7104384
r1309_2	-.1489391	.1136496	-1.31	0.190	-.3716883	.07381
r1309_3	-.2796299	.1586401	-1.76	0.078	-.5905587	.0312989
r103_2	.3245033	.151431	2.14	0.032	.0277039	.6213027
r103_3	.738367	.1749758	4.22	0.000	.3954208	1.081313
r103_4	.8818868	.2093216	4.21	0.000	.471624	1.29215
syotoku1000	.1402255	.0956851	1.47	0.143	-.047314	.3277649
syotoku1000_	.4451131	.146062	3.05	0.002	.1588368	.7313893
helpld	.0031437	.0045468	0.69	0.489	-.005768	.0120553
help2	-.1177355	.0628152	-1.87	0.061	-.2408511	.0053801
bed	.0051021	.0071372	0.71	0.475	-.0088866	.0190907
r7_1	-.2914387	.1874138	-1.56	0.120	-.658763	.0758855
r7_2a	-.3615688	.1278491	-2.83	0.005	-.6121483	-.1109892
r7_2b	-.2374005	.1514312	-1.57	0.117	-.5342002	.0593991
_cons	-2.062497	.2166619	-9.52	0.000	-2.487147	-1.637848
/atrho21	.2042399	.0496204	4.12	0.000	.1069856	.3014941
/atrho31	.1318984	.0490961	2.69	0.007	.0356719	.2281249
/atrho41	.0296203	.0695491	0.43	0.670	-.1066934	.165934
/atrho51	-.0240603	.0382092	-0.63	0.529	-.098949	.0508283
/atrho61	-.1740477	.0472528	-3.68	0.000	-.2666615	-.0814339
/atrho71	.0005787	.0515891	0.01	0.991	-.1005341	.1016916
/atrho32	.2165667	.0528797	4.10	0.000	.1129243	.3202091
/atrho42	.1914228	.0718933	2.66	0.008	.0505144	.3323311
/atrho52	-.1843318	.0437488	-4.21	0.000	-.2700779	-.0985856
/atrho62	-.1301339	.0546924	-2.38	0.017	-.2373291	-.0229388
/atrho72	-.0545	.0546673	-1.00	0.319	-.1616459	.0526458
/atrho43	.2062875	.0821318	2.51	0.012	.0453122	.3672629
/atrho53	-.2187209	.044869	-4.87	0.000	-.3066626	-.1307792
/atrho63	.0416359	.0528622	0.79	0.431	-.061972	.1452439
/atrho73	-.053086	.0570562	-0.93	0.352	-.1649141	.0587422
/atrho54	-.1056795	.0536526	-1.97	0.049	-.2108368	-.0005223
/atrho64	.0897604	.0639307	1.40	0.160	-.0355414	.2150623
/atrho74	-.0403014	.0687841	-0.59	0.558	-.1751158	.0945129
/atrho65	-.21524	.0421311	-5.11	0.000	-.2978155	-.1326645
/atrho75	.224352	.0477296	4.70	0.000	.1308037	.3179003
/atrho76	.0241905	.0526766	0.46	0.646	-.0790537	.1274348
rho21	.2014466	.0476068	4.23	0.000	.1065793	.2926793
rho31	.1311388	.0482517	2.72	0.007	.0356568	.2242483
rho41	.0296116	.0694881	0.43	0.670	-.1062904	.1644276
rho51	-.0240557	.0381871	-0.63	0.529	-.0986273	.0507846
rho61	-.1723113	.0458498	-3.76	0.000	-.2605156	-.0812544
rho71	.0005787	.0515891	0.01	0.991	-.1001968	.1013425
rho32	.2132433	.0504752	4.22	0.000	.1124467	.3096959
rho42	.1891185	.069322	2.73	0.006	.0504715	.3206138
rho52	-.182272	.0422954	-4.31	0.000	-.2636974	-.0982675
rho62	-.1294043	.0537766	-2.41	0.016	-.2329714	-.0229348
rho72	-.0544461	.0545052	-1.00	0.318	-.1602526	.0525972
rho43	.2034103	.0787335	2.58	0.010	.0452812	.3515952
rho53	-.2152986	.0427892	-5.03	0.000	-.2973979	-.1300387
rho63	.0416119	.0527707	0.79	0.430	-.0618928	.1442311
rho73	-.0530351	.0568957	-0.93	0.351	-.1634351	.0586747
rho54	-.1052879	.0530579	-1.98	0.047	-.2077673	-.0005223
rho64	.0895202	.0634184	1.41	0.158	-.0355265	.2118069
rho74	-.0402796	.0686725	-0.59	0.558	-.1733475	.0942325
rho65	-.2119766	.040238	-5.27	0.000	-.2893122	-.1318917
rho75	.2206621	.0454056	4.86	0.000	.1300628	.3076071
rho76	.0241858	.0526458	0.46	0.646	-.0788894	.1267494

Likelihood ratio test of rho21 = rho31 = rho41 = rho51 = rho61 = rho71 = rho32 = rho42 = rho52 = rho62 = rho72 = rho43 = rho53 = rho63 = rho73 = rho54 = rho64 = rho74 = rho65 = rho75 = rho76 = 0:

chi2(21) = 161.962　Prob > chi2 = 0.0000

分析結果　G５

Multivariate probit (SML, # draws = 5)　　Number of obs = 1964
Wald chi2(140) = 1082.44
Log likelihood = -5197.4269　　Prob > chi2 = 0.0000

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
bi1326						
klevel1	.1730387	.1208961	1.43	0.152	-.0639132	.4099907
klevel2	.2368095	.1300659	1.82	0.069	-.0181149	.491734
klevel3	.3205484	.1415644	2.26	0.024	.0430872	.5980096
klevel4	.5777552	.1570538	3.68	0.000	.2699355	.8855749
klevel5	.7680794	.1614984	4.76	0.000	.4515484	1.08461
r1308_1	-.05071	.0951578	-0.53	0.594	-.2372159	.1357958
r1308_5	.0479622	.1197302	0.40	0.689	-.1867047	.2826291
r1308_6	-.2383454	.1227848	-1.94	0.052	-.4789991	.0023084
r1308_9	-.1517225	.1249055	-1.21	0.224	-.3965328	.0930877
r1308_11	-.10577	.1065862	-0.99	0.321	-.3146752	.1031351
syotoku1000	-.1219777	.0778399	-1.57	0.117	-.2745411	.0305858
syotoku1000_	.1586946	.1328939	1.19	0.232	-.1017727	.419162
helpld	.0016343	.0039381	0.41	0.678	-.0060842	.0093528
help2	-.0812056	.0563236	-1.44	0.149	-.1915979	.0291867
help3	-.0857349	.0683104	-1.26	0.209	-.2196209	.048151
dtime	-.0098556	.0046596	-2.12	0.034	-.0189882	-.000723
bed	.0200244	.0054211	3.69	0.000	.0093993	.0306495
r7_1	1.423004	.1295207	10.99	0.000	1.169148	1.67686
r7_2a	.4497015	.0973806	4.62	0.000	.2588391	.640564
r7_2b	.7141792	.1098855	6.50	0.000	.4988076	.9295509
_cons	-1.173684	.1475628	-7.95	0.000	-1.462902	-.8844662
bi1330						
klevel1	-.0281698	.1843097	-0.15	0.879	-.3894101	.3330705
klevel2	.3148086	.1853881	1.70	0.089	-.0485455	.6781627
klevel3	.7775519	.1890264	4.11	0.000	.407067	1.148037
klevel4	1.189764	.1979829	6.01	0.000	.8017241	1.577803
klevel5	1.421901	.2040207	6.97	0.000	1.022028	1.821774
r1308_1	-.0267952	.113267	-0.24	0.813	-.2487945	.1952041
r1308_5	-.0862164	.1578764	-0.55	0.585	-.3956485	.2232158
r1308_6	-.4650285	.1543421	-3.01	0.003	-.7675336	-.1625235
r1308_9	-.0957475	.1487067	-0.64	0.520	-.3872073	.1957123
r1308_11	.062117	.1296835	0.48	0.632	-.192058	.316292
syotoku1000	.0910976	.0947579	0.96	0.336	-.0946245	.2768196
syotoku1000_	.2100153	.156476	1.34	0.180	-.0966721	.5167027
helpld	.0119075	.0044798	2.66	0.008	.0031273	.0206877
help2	-.0978587	.0654775	-1.49	0.135	-.2261923	.0304749
help3	-.1680263	.0936185	-1.79	0.073	-.351515	.0154625
dtime	-.0031265	.0055759	-0.56	0.575	-.0140551	.0078022
bed	.0341963	.0062119	5.50	0.000	.0220213	.0463713
r7_1	.5635378	.1669285	3.38	0.001	.236364	.8907117
r7_2a	.1094534	.120709	0.91	0.365	-.1271319	.3460388
r7_2b	.1598539	.1414547	1.13	0.258	-.1174119	.4371197
_cons	-1.998654	.2041074	-9.79	0.000	-2.398698	-1.598611
bi1334						
klevel1	.0478304	.1726512	0.28	0.782	-.2905597	.3862205
klevel2	.3422458	.176269	1.94	0.052	-.003235	.6877267
klevel3	.3895638	.1871541	2.08	0.037	.0227486	.756379
klevel4	.733654	.1968282	3.73	0.000	.3478779	1.11943
klevel5	1.065914	.2000272	5.33	0.000	.6738675	1.45796
r1308_1	-.187178	.1108172	-1.69	0.091	-.4043757	.0300197
r1308_5	-.0855952	.1460461	-0.59	0.558	-.3718404	.20065
r1308_6	-.5014058	.150892	-3.32	0.001	-.7971487	-.2056628
r1308_9	-.1222709	.1436696	-0.85	0.395	-.4038581	.1593162
r1308_11	-.3368452	.1351642	-2.49	0.013	-.6017622	-.0719282
syotoku1000	.072926	.0938771	0.78	0.437	-.1110697	.2569218
syotoku1000_	-.0247126	.1693163	-0.15	0.884	-.3565664	.3071413
helpld	.015398	.0044992	3.42	0.001	.0065799	.0242162
help2	.1117053	.0633165	1.76	0.078	-.0123929	.2358034
help3	.0108115	.0801894	0.13	0.893	-.1463569	.16798
dtime	.0006574	.0055954	0.12	0.906	-.0103094	.0116242
bed	.0160787	.0063329	2.54	0.011	.0036665	.0284909
r7_1	.5928966	.164269	3.61	0.000	.2709354	.9148578
r7_2a	.1483327	.1207654	1.23	0.219	-.0883632	.3850286
r7_2b	.464132	.1312247	3.54	0.000	.2069364	.7213276
_cons	-1.913343	.1952569	-9.80	0.000	-2.29604	-1.530647
bi1338						
klevel1	.0981569	.2677655	0.37	0.714	-.4266539	.6229677
klevel2	.0995967	.2822146	0.35	0.724	-.4535337	.652727
klevel3	.4671513	.2826629	1.65	0.098	-.0868578	1.02116
klevel4	.5673536	.3044146	1.86	0.062	-.0292881	1.163995
klevel5	.6542088	.3087574	2.12	0.034	.0490555	1.259362
r1308_1	.283971	.1535656	1.85	0.064	-.017012	.5849539
r1308_5	.0218575	.2197412	0.10	0.921	-.4088274	.4525423
r1308_6	-.58623	.2787018	-2.10	0.035	-1.132476	-.0399844
r1308_9	-.3487516	.2704766	-1.29	0.197	-.8788759	.1813728
r1308_11	-.2047487	.2119904	-0.97	0.334	-.6202421	.2107448
syotoku1000	.1387153	.1346076	1.03	0.303	-.1251108	.4025414
syotoku1000_	.3152062	.229952	1.37	0.170	-.1354914	.7659039
helpld	.0151044	.0065331	2.31	0.021	.0022997	.0279091
help2	.1002818	.0932719	1.08	0.282	-.0825277	.2830913
help3	.0461866	.0992658	0.47	0.642	-.1483708	.240744
dtime	.0045014	.0082297	0.55	0.584	-.0116285	.0206312
bed	-.0044497	.0096455	-0.46	0.645	-.0233546	.0144552
r7_1	.6334982	.2420731	2.62	0.009	.1590436	1.107953
r7_2a	.4325605	.1599517	2.70	0.007	.1190609	.7460601
r7_2b	.3170843	.2029357	1.56	0.118	-.0806623	.7148309
_cons	-2.642967	.3066256	-8.62	0.000	-3.243942	-2.041992
bi1342						
klevel1	.3158475	.1025638	3.08	0.002	.114826	.5168689
klevel2	.2146102	.10993	1.95	0.051	-.0008487	.4300691
klevel3	.2828259	.1214415	2.33	0.020	.0448048	.5208469
klevel4	.2164832	.1392107	1.56	0.120	-.0563648	.4893312
klevel5	-.0317661	.1468237	-0.22	0.829	-.3195353	.2560032
r1308_1	.3168283	.08715	3.64	0.000	.1460175	.4876392
r1308_5	.0274665	.1108799	0.25	0.804	-.1898542	.2447872
r1308_6	.4857872	.1069863	4.54	0.000	.2760979	.6954765
r1308_9	.2321117	.1104449	2.10	0.036	.0156438	.4485797
r1308_11	.2120213	.0945707	2.24	0.025	.0266662	.3973764
syotoku1000	.069088	.0700813	0.99	0.324	-.0682688	.2064449
syotoku1000_	.0961943	.120437	0.80	0.424	-.1398579	.3322465
helpld	.0024416	.0035242	0.69	0.488	-.0044656	.0093489
help2	-.0107246	.0466201	-0.23	0.818	-.1020983	.0806491
help3	.0464874	.0643329	0.72	0.470	-.0796027	.1725775
dtime	-.0013324	.0040807	-0.33	0.744	-.0093304	.0066656
bed	-.0179571	.0049312	-3.64	0.000	-.0276221	-.0082921
r7_1	-.4836823	.1240211	-3.90	0.000	-.7267591	-.2406055
r7_2a	-.4180839	.0904865	-4.62	0.000	-.5954342	-.2407336
r7_2b	-.3784099	.1061869	-3.56	0.000	-.5865324	-.1702874
_cons	-.4037174	.1277045	-3.16	0.002	-.6540136	-.1534212
bi1346						
klevel1	.203727	.1263272	1.61	0.107	-.0438697	.4513237
klevel2	.3727817	.1334708	2.79	0.005	.1111837	.6343797
klevel3	.241333	.1475038	1.64	0.102	-.0477692	.5304352
klevel4	.1017881	.174084	0.58	0.559	-.2394103	.4429865
klevel5	-.0459154	.1877838	-0.24	0.807	-.4139649	.3221341
r1308_1	.1261285	.1024796	1.23	0.218	-.0747279	.3269848
r1308_5	-.0780997	.1329691	-0.59	0.557	-.3387144	.1825149
r1308_6	.0931759	.125995	0.74	0.460	-.1537698	.3401216
r1308_9	.1448064	.1285261	1.13	0.260	-.1071001	.396713
r1308_11	-.2457716	.1184086	-2.08	0.038	-.4778481	-.013595
syotoku1000	-.1312147	.0833264	-1.57	0.115	-.2945314	.032102
syotoku1000_	-.2427086	.1508437	-1.61	0.108	-.5383569	.0529397
helpld	-.0066381	.0042395	-1.57	0.117	-.0149473	.0016712
help2	.1422986	.0553772	2.57	0.010	.0337613	.2508359
help3	.0629817	.07216	0.87	0.383	-.0784493	.2044127
dtime	-.0021623	.0049535	-0.44	0.662	-.011871	.0075463
bed	-.0185801	.0059666	-3.11	0.002	-.0302744	-.0068859
r7_1	.0015557	.1424361	0.01	0.991	-.2776139	.2807253
r7_2a	-.1234631	.1080663	-1.14	0.253	-.3352693	.088343
r7_2b	.0467693	.125284	0.37	0.709	-.1987829	.2923214
_cons	-1.056912	.15432	-6.85	0.000	-1.359373	-.7544499
bi1304						
klevel1	.3310192	.1950033	1.70	0.090	-.0511803	.7132187
klevel2	.6028299	.1953358	3.09	0.002	.2199788	.985681
klevel3	.7205263	.2036083	3.54	0.000	.3214614	1.119591
klevel4	.988044	.214238	4.61	0.000	.5681452	1.407943
klevel5	.8882919	.2221444	4.00	0.000	.4528969	1.323687
r1308_1	.0684953	.1175566	0.58	0.560	-.1619113	.298902
r1308_5	-.3720714	.1872981	-1.99	0.047	-.7391689	-.0049739
r1308_6	.5337809	.1300237	4.11	0.000	.278939	.7886227
r1308_9	.091701	.1481357	0.62	0.536	-.1986397	.3820417
r1308_11	-.0165039	.1350721	-0.12	0.903	-.2812403	.2482325
syotoku1000	.1487918	.0948547	1.57	0.117	-.03712	.3347036
syotoku1000_	.4318603	.1452428	2.97	0.003	.1471896	.716531
helpld	.0057594	.0044584	1.29	0.196	-.002979	.0144978
help2	-.0981555	.0619829	-1.58	0.113	-.2196398	.0233287
help3	-.0760011	.1020287	-0.74	0.456	-.2759736	.1239714
dtime	-.0053003	.005512	-0.96	0.336	-.0161036	.005503
bed	.0172652	.0061927	2.79	0.005	.0051278	.0294027
r7_1	-.2107566	.1908225	-1.10	0.269	-.5847618	.1632485
r7_2a	-.339795	.1292015	-2.63	0.009	-.5930253	-.0865647
r7_2b	-.2073306	.1513596	-1.37	0.171	-.5039899	.0893287
_cons	-1.940416	.2121946	-9.14	0.000	-2.35631	-1.524523
/atrho21	.2245126	.0490913	4.57	0.000	.1282954	.3207298
/atrho31	.1435651	.0485781	2.96	0.003	.0483538	.2387763
/atrho41	.0302903	.0691361	0.44	0.661	-.1052139	.1657944
/atrho51	-.0269766	.0379839	-0.71	0.478	-.1014237	.0474704
/atrho61	-.1695908	.0469335	-3.61	0.000	-.2615789	-.0776028
/atrho71	.018575	.0511632	0.36	0.717	-.0817031	.1188531
/atrho32	.2367717	.0524893	4.51	0.000	.1338945	.3396489
/atrho42	.2027541	.0700303	2.90	0.004	.0654973	.3400109
/atrho52	-.1937571	.043588	-4.45	0.000	-.279188	-.1083263
/atrho62	-.1349951	.0543356	-2.48	0.013	-.2414909	-.0284994
/atrho72	-.0502598	.0539542	-0.93	0.352	-.156008	.0554885
/atrho43	.2147613	.0805693	2.67	0.008	.0568485	.3726742
/atrho53	-.2240605	.044687	-5.01	0.000	-.3116453	-.1364756
/atrho63	.0354583	.0527699	0.67	0.502	-.0679688	.1388854
/atrho73	-.0574093	.0567942	-1.01	0.312	-.1687239	.0539054
/atrho54	-.1160032	.0535465	-2.17	0.030	-.2209525	-.0110539
/atrho64	.0822509	.0635877	1.29	0.196	-.0423788	.2068806
/atrho74	-.060425	.068933	-0.88	0.381	-.1955312	.0746812
/atrho65	-.2107389	.0421089	-5.00	0.000	-.2932708	-.128207
/atrho75	.214401	.0472176	4.54	0.000	.1218562	.3069458
/atrho76	.03177	.0518519	0.61	0.540	-.0698579	.1333978
rho21	.2208149	.0466977	4.73	0.000	.1275961	.3101666
rho31	.1425868	.0475904	3.00	0.003	.0483161	.2343396
rho41	.030281	.0690727	0.44	0.661	-.1048274	.1642919
rho51	-.0269701	.0379562	-0.71	0.477	-.1010773	.0474348
rho61	-.1679835	.0456092	-3.68	0.000	-.2557717	-.0774474
rho71	.0185729	.0511456	0.36	0.717	-.0815218	.1182966
rho32	.2324442	.0496533	4.68	0.000	.1331001	.3271639
rho42	.2000207	.0672285	2.98	0.003	.0654038	.3274872
rho52	-.1913683	.0419917	-4.56	0.000	-.2721534	-.1079045
rho62	-.134181	.0533573	-2.51	0.012	-.2369035	-.0284917
rho72	-.0502175	.0538181	-0.93	0.351	-.1547546	.0554316
rho43	.2115194	.0769646	2.75	0.006	.0567873	.3563286
rho53	-.2203847	.0425165	-5.18	0.000	-.3019331	-.1356346
rho63	.0354435	.0527036	0.67	0.501	-.0678643	.1379993
rho73	-.0573463	.0566075	-1.01	0.311	-.1671409	.0538533
rho54	-.1154856	.0528324	-2.19	0.029	-.2174257	-.0110534
rho64	.082066	.0631595	1.30	0.194	-.0423534	.2039788
rho74	-.0603516	.0686819	-0.88	0.380	-.1930769	.0745427
rho65	-.2076737	.0402928	-5.15	0.000	-.2851425	-.1275092
rho75	.2111751	.0451119	4.68	0.000	.1212567	.297656
rho76	.0317593	.0517996	0.61	0.540	-.0697445	.1326121

Likelihood ratio test of rho21 = rho31 = rho41 = rho51 = rho61 = rho71 = rho32 = rho42 = rho52 = rho62 = rho72 = rho43 = rho53 = rho63 = rho73 = rho54 = rho64 = rho74 = rho65 = rho75 = rho76 = 0:
chi2(21) = 174.356　Prob > chi2 = 0.0000

分析結果　G 6

Multivariate probit (SML. # draws = 5)　　Number of obs = 1964
Wald chi2(116) = 1115.16
Log likelihood = -5176.6327　　Prob > chi2 = 0.0000

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
bi1326						
klevel1	.1443428	.1209842	1.19	0.233	-.0927818	.3814675
klevel2	.1045377	.1334815	0.78	0.434	-.1570812	.3661566
klevel3	.082108	.1470257	0.56	0.577	-.2060571	.3702731
klevel4	.2039918	.1669667	1.22	0.222	-.123257	.5312406
klevel5	.2521684	.1786692	1.41	0.158	-.0980169	.6023536
r1308_6	-.2085524	.1088793	-1.92	0.055	-.4219518	.0048471
r1308_9	-.1199317	.1118249	-1.07	0.283	-.3391044	.099241
r1308_11	-.1026812	.0918979	-1.12	0.264	-.2827977	.0774353
r1309_3	.178905	.1082818	1.65	0.098	-.0333234	.3911333
r103_2	.0742537	.1009386	0.74	0.462	-.1235823	.2720896
r103_3	.312923	.122457	2.56	0.011	.0729117	.5529343
r103_4	.6585203	.1512913	4.35	0.000	.3619948	.9550459
syotoku300	-.1861069	.1330743	-1.40	0.162	-.4469277	.074714
syotoku1000	-.3107149	.1235345	-2.52	0.012	-.5528382	-.0685917
dtime	-.0070808	.0046032	-1.54	0.124	-.016103	.0019413
r7_1	1.462184	.1188453	12.30	0.000	1.229252	1.695116
r7_2a	.4700672	.0948787	4.95	0.000	.2841084	.6560261
r7_2b	.7405612	.1082325	6.84	0.000	.5284294	.9526929
_cons	-1.077785	.1701888	-6.33	0.000	-1.411349	-.7442214
bi1330						
klevel3	.4612057	.117044	3.94	0.000	.2318037	.6906077
klevel4	.7505186	.1333334	5.63	0.000	.48919	1.011847
klevel5	.8244221	.1472802	5.60	0.000	.5357582	1.113086
r1308_6	-.3642851	.1350101	-2.70	0.007	-.6289	-.0996702
r1309_3	.4864294	.1145603	4.25	0.000	.2618954	.7109634
r103_1	-.5755625	.2000229	-2.88	0.004	-.9676001	-.1835249
r103_2	-.3764205	.1585116	-2.37	0.018	-.6870975	-.0657434
r103_3	-.1490055	.1220597	-1.22	0.222	-.388238	.0902271
syotoku1000	.0864767	.095372	0.91	0.365	-.1004489	.2734023
syotoku1000_	.2268992	.1582128	1.43	0.152	-.0831923	.5369907
bed	.0194704	.0070727	2.75	0.006	.0056083	.0333326
r7_1	.5310281	.1541725	3.44	0.001	.2288557	.8332006
r7_2a	.1446455	.116442	1.24	0.214	-.0835766	.3728676
r7_2b	.1288761	.1388874	0.93	0.353	-.1433382	.4010905
r7_89	-.3096428	.2435923	-1.27	0.204	-.7870749	.1677893
_cons	-1.552098	.1870655	-8.30	0.000	-1.918739	-1.185456
bi1334						
klevel2	.3120659	.1172182	2.66	0.008	.0823224	.5418094
klevel3	.3507503	.1333409	2.63	0.009	.089407	.6120937
klevel4	.6280086	.1508449	4.16	0.000	.3323581	.9236591
klevel5	.9216554	.1604828	5.74	0.000	.6071148	1.236196
r1308_1	-.1807747	.1095617	-1.65	0.099	-.3955117	.0339624
r1308_5	-.1081961	.1438048	-0.75	0.452	-.3900483	.1736561
r1308_6	-.3904022	.1525802	-2.56	0.011	-.6894539	-.0913504
r1308_9	-.1388451	.1424918	-0.97	0.330	-.418124	.1404337
r1308_11	-.3259786	.1345334	-2.42	0.015	-.5896592	-.0622979
r1309_2	.1664143	.1183846	1.41	0.160	-.0656153	.3984438
r1309_3	.5312876	.1481569	3.59	0.000	.2409054	.8216698
bed	.0130985	.0064679	2.03	0.043	.0004216	.0257754
r7_1	.4659975	.1366115	3.41	0.001	.1982438	.7337513
r7_2a	.1474748	.1080787	1.36	0.172	-.0643556	.3593052
r7_2b	.3814288	.1245986	3.06	0.002	.1372201	.6256375
_cons	-1.808477	.1382683	-13.08	0.000	-2.079478	-1.537476
bi1338						
klevel3	.3764439	.1589582	2.37	0.018	.0648917	.6879962
klevel4	.4008684	.1927052	2.08	0.038	.0231732	.7785636
klevel5	.4778771	.1969657	2.43	0.015	.0918313	.8639229
r1308_6	-.5380024	.2615684	-2.06	0.040	-1.050667	-.0253377
r1308_9	-.4805975	.2483423	-1.94	0.053	-.9673394	.0061445
r1309_1	-.896997	.2541588	-3.53	0.000	-1.395139	-.3988549
r1309_2	-.3160403	.1526639	-2.07	0.038	-.6152561	-.0168245
syotoku1000	.1525568	.1351412	1.13	0.259	-.1123151	.4174288
syotoku1000_	.3405845	.2292069	1.49	0.137	-.1086528	.7898217
r7_1	.5159285	.2182928	2.36	0.018	.0880824	.9437746
r7_2a	.5163937	.1527458	3.38	0.001	.2170175	.81577
r7_2b	.2062464	.2006758	1.03	0.304	-.1870709	.5995637
r7_89	-.4121701	.4403937	-0.94	0.349	-1.275326	.4509856
_cons	-1.918128	.1978442	-9.70	0.000	-2.305895	-1.53036
bi1342						
klevel1	.3304825	.1027916	3.22	0.001	.1290147	.5319504
klevel2	.2840303	.1142102	2.49	0.013	.0601824	.5078782
klevel3	.3661537	.1282494	2.86	0.004	.1147896	.6175179
klevel4	.3852523	.1490011	2.59	0.010	.0932155	.677289
klevel5	.1510055	.1639839	0.92	0.357	-.1703971	.4724081
r1308_1	.3359865	.0788504	4.26	0.000	.1814426	.4905305
r1308_6	.4940145	.1035876	4.77	0.000	.2909865	.6970426
r1308_9	.2323454	.102894	2.26	0.024	.0306769	.4340138
r1308_11	.2113742	.0862413	2.45	0.014	.0423443	.380404
r1309_1	.1836223	.1220124	1.50	0.132	-.0555177	.4227623
r1309_2	.2275682	.1025623	2.22	0.026	.0265497	.4285867
r103_1	.0349751	.1503166	0.23	0.816	-.2596402	.3295903
r103_2	-.0731088	.1315482	-0.56	0.578	-.3309386	.1847209
r103_3	-.0673745	.1125215	-0.60	0.549	-.2879127	.1531637
syotoku300	-.1681127	.117131	-1.44	0.151	-.3976852	.0614597
syotoku1000	-.049972	.1091955	-0.46	0.647	-.2639912	.1640472
bed	-.016198	.0055417	-2.92	0.003	-.0270595	-.0053366
r7_1	-.3777028	.1122726	-3.36	0.001	-.5977531	-.1576525
r7_2a	-.3313491	.0858076	-3.86	0.000	-.499529	-.1631692
_cons	-.5239446	.1960705	-2.67	0.008	-.9082356	-.1396535
bi1346						
klevel0	-.0662953	.1722847	-0.38	0.700	-.403967	.2713765
klevel1	.129528	.1405506	0.92	0.357	-.1459461	.405002
klevel2	.2867717	.1314131	2.18	0.029	.0292068	.5443365
klevel3	.1459721	.1328425	1.10	0.272	-.1143944	.4063387
r1308_1	.1328885	.0932209	1.43	0.154	-.0498212	.3155982
r1308_6	.104204	.1222293	0.85	0.394	-.1353611	.343769
r1308_9	.1523839	.1204334	1.27	0.206	-.0836614	.3884291
r1308_11	-.2089521	.1104476	-1.89	0.059	-.4254253	.0075212
r1309_1	.201153	.1419141	1.42	0.156	-.0769936	.4792995
r1309_2	.1737446	.1197843	1.45	0.147	-.0610282	.4085175
r103_1	-.1001114	.1801309	-0.56	0.578	-.4531614	.2529386
r103_2	.0057906	.1569366	0.04	0.971	-.3017995	.3133808
r103_3	.1088063	.1377182	0.79	0.429	-.1611165	.3787291
syotoku300	.2288303	.1462183	1.56	0.118	-.0577522	.5154129
syotoku1000	.09607	.1381865	0.70	0.487	-.1747706	.3669105
bed	-.0180945	.0066669	-2.71	0.007	-.0311613	-.0050276
r7_1	-.0511895	.1282936	-0.40	0.690	-.3026403	.2002613
r7_2a	-.1803045	.1021763	-1.76	0.078	-.3805665	.0199574
_cons	-1.345304	.1930915	-6.97	0.000	-1.723756	-.9668515
bi13504						
klevel1	.3047489	.1983634	1.54	0.124	-.0840363	.6935341
klevel2	.4700235	.2019533	2.33	0.020	.0742023	.8658448
klevel3	.4992626	.2120994	2.35	0.019	.0835554	.9149698
klevel4	.7462505	.2261855	3.30	0.001	.3029352	1.189566
klevel5	.6634803	.2389539	2.78	0.005	.1951393	1.131821
r1308_5	-.3705957	.1735629	-2.14	0.033	-.7107727	-.0304187
r1308_6	.5192765	.1061908	4.89	0.000	.3111464	.7274066
r1309_1	.2780956	.1586645	1.75	0.080	-.0328811	.5890723
r1309_2	.1336614	.1264804	1.06	0.291	-.1142357	.3815584
r103_1	-.9398708	.1966921	-4.78	0.000	-1.32538	-.5543614
r103_2	-.6150665	.1465497	-4.20	0.000	-.9022985	-.3278344
r103_3	-.1903119	.1245492	-1.53	0.127	-.4344239	.0538001
syotoku1000	.1395887	.0958137	1.46	0.145	-.0482028	.3273801
syotoku1000_	.4198573	.146698	2.86	0.004	.1323346	.7073801
r7_1	-.1834833	.1819855	-1.01	0.313	-.5401683	.1732017
r7_2a	-.2775111	.125949	-2.20	0.028	-.5243666	-.0306555
r7_2b	-.1296027	.1504185	-0.86	0.389	-.4244176	.1652122
r7_89	.67213	.2031232	3.31	0.001	.2740159	1.070244
_cons	-1.485571	.2378224	-6.25	0.000	-1.951695	-1.019448
/atrho21	.2004805	.0493364	4.06	0.000	.103783	.2971781
/atrho31	.1217531	.048618	2.50	0.012	.0264637	.2170426
/atrho41	.0328099	.0690234	0.48	0.635	-.1024735	.1680934
/atrho51	-.0257676	.038225	-0.67	0.500	-.1006872	.0491519
/atrho61	-.1731253	.0469201	-3.69	0.000	-.265087	-.0811636
/atrho71	.0007127	.0516209	0.01	0.989	-.1004624	.1018878
/atrho32	.2121183	.0524596	4.04	0.000	.1092994	.3149373
/atrho42	.1842223	.070489	2.61	0.009	.0460664	.3223781
/atrho52	-.1833681	.0436837	-4.20	0.000	-.2689865	-.0977497
/atrho62	-.1331877	.0546976	-2.43	0.015	-.240393	-.0259825
/atrho72	-.0390775	.0549415	-0.71	0.477	-.146761	.0686059
/atrho43	.2183518	.0800739	2.73	0.006	.0614099	.3752936
/atrho53	-.214553	.0446899	-4.80	0.000	-.3021435	-.1269625
/atrho63	.0344055	.0522489	0.66	0.510	-.0680005	.1368116
/atrho73	-.0449978	.0568036	-0.79	0.428	-.1563308	.0663352
/atrho54	-.1084378	.053439	-2.03	0.042	-.2131762	-.0036994
/atrho64	.0860746	.0630105	1.37	0.172	-.0374236	.2095728
/atrho74	-.0177717	.0690337	-0.26	0.797	-.1530753	.1175319
/atrho65	-.2121976	.0420092	-5.05	0.000	-.2945341	-.129861
/atrho75	.2194492	.0476616	4.60	0.000	.1260343	.3128642
/atrho76	.0184228	.0528496	0.35	0.727	-.0851606	.1220062
rho21	.1978371	.0474054	4.17	0.000	.103412	.288728
rho31	.1211551	.0479043	2.53	0.011	.0264575	.2136975
rho41	.0327982	.0689492	0.48	0.634	-.1021163	.1665279
rho51	-.0257619	.0381996	-0.67	0.500	-.1003483	.0491124
rho61	-.1714161	.0455414	-3.76	0.000	-.2590473	-.0809859
rho71	.0007127	.0516209	0.01	0.989	-.1001257	.1015367
rho32	.2089932	.0501683	4.17	0.000	.1088662	.304922
rho42	.1821661	.0681498	2.67	0.008	.0460338	.3116557
rho52	-.1813402	.0422471	-4.29	0.000	-.2626815	-.0974395
rho62	-.1324058	.0537387	-2.46	0.014	-.2358669	-.0259766
rho72	-.0390576	.0548577	-0.71	0.476	-.1457163	.0684985
rho43	.2149465	.0763743	2.81	0.005	.0613328	.3586133
rho53	-.2113204	.0426942	-4.95	0.000	-.293273	-.1262847
rho63	.034392	.0521871	0.66	0.510	-.0678959	.1359643
rho73	-.0449674	.0566887	-0.79	0.428	-.1550695	.0662381
rho54	-.1080148	.0528155	-2.05	0.041	-.2100047	-.0036993
rho64	.0858627	.0625459	1.37	0.170	-.0374062	.2065576
rho74	-.0177698	.0690119	-0.26	0.797	-.1518908	.1169937
rho65	-.209069	.040173	-5.20	0.000	-.2863027	-.1291359
rho75	.215993	.045438	4.75	0.000	.1253711	.3030405
rho76	.0184207	.0528317	0.35	0.727	-.0849553	.1214044

Likelihood ratio test of rho21 = rho31 = rho41 = rho51 = rho61 = rho71 = rho32 = rho42 = rho52 = rho62 = rho72 = rho43 = rho53 = rho63 = rho73 = rho54 = rho64 = rho74 = rho65 = rho75 = rho76 = 0:
chi2(21) = 158.931　Prob > chi2 = 0.0000

分析結果　G 7

Multivariate probit (SML, # draws = 5)　　Number of obs = 1964
Wald chi2(154) = 1129.70
Log likelihood = -5169.1015　　Prob > chi2 = 0.0000

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
bi1326						
klevel1	.1564542	.1214524	1.29	0.198	-.0815883	.3944966
klevel2	.1894664	.1320735	1.43	0.151	-.0693929	.4483257
klevel3	.238257	.1454644	1.64	0.101	-.045848	.523362
klevel4	.3978859	.1664055	2.39	0.017	.0717372	.7240346
klevel5	.5187238	.1775647	2.92	0.003	.1707035	.8667441
r1308_1	-.0452902	.0955052	-0.47	0.635	-.2324771	.1418966
r1308_5	.0498242	.1201889	0.41	0.678	-.1857417	.2853902
r1308_6	-.1796736	.1256876	-1.43	0.153	-.4260167	.0666696
r1308_9	-.1496525	.1252937	-1.19	0.232	-.3952235	.0959186
r1308_11	-.0861689	.1071835	-0.80	0.421	-.2962447	.123907
r1309_1	-.400825	.1240095	-3.23	0.001	-.6438792	-.1577708
r1309_2	-.321619	.1021827	-3.15	0.002	-.5218935	-.1213445
syotoku1000	-.1179803	.0781027	-1.51	0.131	-.2710588	.0350982
syotoku1000_	.1629421	.1333264	1.22	0.222	-.0983729	.4242571
help1d	-.0001856	.0039913	-0.05	0.963	-.0080084	.0076373
help2	-.0796067	.0565378	-1.41	0.159	-.1904187	.0312054
help3	-.0927984	.0687073	-1.35	0.177	-.2274623	.0418654
dtime	-.0094551	.0046777	-2.02	0.043	-.0186231	-.000287
bed	.0153404	.0056206	2.73	0.006	.0043242	.0263566
r7_1	1.438504	.1299584	11.07	0.000	1.18379	1.693217
r7_2a	.466132	.0978492	4.76	0.000	.2743512	.6579129
r7_2b	.7231615	.1102592	6.56	0.000	.5070574	.9392655
_cons	-.8212062	.1793706	-4.58	0.000	-1.172766	-.4696463
bi1330						
klevel1	-.0444998	.1856286	-0.24	0.811	-.4083251	.3193255
klevel2	.2475853	.1889108	1.31	0.190	-.122673	.6178436
klevel3	.6588809	.1956295	3.37	0.001	.2754542	1.042308
klevel4	.9232025	.208798	4.42	0.000	.5139659	1.332439
klevel5	1.042416	.2204377	4.73	0.000	.6103662	1.474466
r1308_1	-.015469	.1142751	-0.14	0.892	-.2394442	.2085061
r1308_5	-.0897725	.1599526	-0.56	0.575	-.4032738	.2237287
r1308_6	-.3951107	.1596988	-2.47	0.013	-.7081146	-.0821067
r1308_9	-.0836489	.1496301	-0.56	0.576	-.3769186	.2096208
r1308_11	.0929419	.1311886	0.71	0.479	-.164183	.3500668
r1309_1	-.5963563	.1491125	-4.00	0.000	-.8886114	-.3041012
r1309_2	-.5475	.1096754	-4.99	0.000	-.7624599	-.3325402
syotoku1000	.0947534	.0959731	0.99	0.323	-.0933504	.2828573
syotoku1000_	.2147903	.1585126	1.36	0.175	-.0958887	.5254693
help1d	.0084158	.0045983	1.83	0.067	-.0005967	.0174283
help2	-.0940791	.0663057	-1.42	0.156	-.2240359	.0358778
help3	-.1859326	.0938558	-1.98	0.048	-.3698865	-.0019787
dtime	-.0018054	.0056388	-0.32	0.749	-.0128572	.0092464
bed	.0269589	.0064886	4.15	0.000	.0142413	.0396764
r7_1	.6051267	.1683594	3.59	0.000	.2751483	.9351052
r7_2a	.1388925	.1222972	1.14	0.256	-.1008057	.3785906
r7_2b	.1778964	.1431691	1.24	0.214	-.1027099	.4585026
_cons	-1.448612	.2331075	-6.21	0.000	-1.905494	-.9917295
bi1334						
klevel1	.0184008	.1744543	0.11	0.916	-.3235235	.360325
klevel2	.2840629	.178733	1.59	0.112	-.0662474	.6343732
klevel3	.2748552	.1930006	1.42	0.154	-.103419	.6531295
klevel4	.5283517	.2078635	2.54	0.011	.1209467	.9357567
klevel5	.7932357	.2171235	3.65	0.000	.3676815	1.21879
r1308_1	-.1773021	.1113745	-1.59	0.111	-.3955922	.040988
r1308_5	-.0929971	.1472053	-0.63	0.528	-.3815142	.19552
r1308_6	-.4224836	.1547277	-2.73	0.006	-.7257443	-.1192229
r1308_9	-.118082	.1442476	-0.82	0.413	-.4008021	.1646382
r1308_11	-.3196814	.1363817	-2.34	0.019	-.5869847	-.0523782
r1309_1	-.4735682	.1510984	-3.13	0.002	-.7697157	-.1774208
r1309_2	-.3228241	.1141881	-2.83	0.005	-.5466288	-.0990195
syotoku1000	.0825882	.0946583	0.87	0.383	-.1029387	.268115
syotoku1000_	-.0206109	.1705801	-0.12	0.904	-.3549418	.3137199
help1d	.0132967	.0045782	2.90	0.004	.0043236	.0222699
help2	.1140178	.0637342	1.79	0.074	-.0108989	.2389345
help3	.002517	.0801752	0.03	0.975	-.1546236	.1596576
dtime	.0009679	.0056272	0.17	0.863	-.0100613	.0119971
bed	.0109447	.0065631	1.67	0.095	-.0019188	.0238083
r7_1	.6140876	.1654549	3.71	0.000	.2898019	.9383733
r7_2a	.1641221	.1217301	1.35	0.178	-.0744645	.4027087
r7_2b	.4715048	.1322424	3.57	0.000	.2123144	.7306953
_cons	-1.531363	.226147	-6.77	0.000	-1.974603	-1.088123
bi1338						
klevel1	.0384723	.277645	0.14	0.890	-.5057018	.5826465
klevel2	-.0441076	.2946043	-0.15	0.881	-.6215214	.5333061
klevel3	.2596239	.296942	0.87	0.382	-.3223717	.8416195
klevel4	.2701594	.326413	0.83	0.408	-.3695983	.9099171
klevel5	.3094487	.3366628	0.92	0.358	-.3503983	.9692957
r1308_1	.3137316	.1567205	2.00	0.045	.0065651	.6208981
r1308_5	.007064	.2222403	0.03	0.975	-.4285191	.442647
r1308_6	-.447811	.2910403	-1.54	0.124	-1.01824	.1226176
r1308_9	-.3378492	.2742994	-1.23	0.218	-.8754662	.1997678
r1308_11	-.163682	.2173362	-0.75	0.451	-.5896531	.2622891
r1309_1	-.8667207	.2709251	-3.20	0.001	-1.397724	-.3357173
r1309_2	-.2841597	.1630492	-1.74	0.081	-.6037303	.0354109
syotoku1000	.1464486	.1374386	1.07	0.287	-.1229261	.4158233
syotoku1000_	.3501326	.2317938	1.51	0.131	-.1041748	.80444
help1d	.0130024	.0067191	1.94	0.053	-.0001667	.0261715
help2	.0901682	.0950101	0.95	0.343	-.0960482	.2763846
help3	.0352344	.1005421	0.35	0.726	-.1618245	.2322933
dtime	.0038708	.0083568	0.46	0.643	-.0125083	.0202499
bed	-.011201	.0100138	-1.12	0.263	-.0308278	.0084257
r7_1	.6352522	.2487096	2.55	0.011	.1477904	1.122714
r7_2a	.4630298	.163982	2.82	0.005	.1416311	.7844285
r7_2b	.3173479	.2071221	1.53	0.125	-.088604	.7232998
_cons	-2.167673	.3510348	-6.18	0.000	-2.855689	-1.479658
bi1342						
klevel1	.3134932	.1031091	3.04	0.002	.1114032	.5155833
klevel2	.2222823	.1118023	1.99	0.047	.0031538	.4414108
klevel3	.3058562	.1251575	2.44	0.015	.060552	.5511604
klevel4	.3090753	.1478731	2.09	0.037	.0192494	.5989012
klevel5	.1105223	.1614928	0.68	0.494	-.2059978	.4270424
r1308_1	.3176969	.0872817	3.64	0.000	.1466279	.488766
r1308_5	.0175692	.1115638	0.16	0.875	-.2010918	.2362302
r1308_6	.4682055	.1099084	4.26	0.000	.252789	.683622
r1308_9	.2279891	.1106859	2.06	0.039	.0110487	.4449296
r1308_11	.2059792	.0949019	2.17	0.030	.019975	.3919834
r1309_1	.2039338	.1130929	1.80	0.071	-.0177242	.4255917
r1309_2	.2320536	.0961588	2.41	0.016	.0435858	.4205214
syotoku1000	.0668658	.0701586	0.95	0.341	-.0706425	.2043742
syotoku1000_	.0959865	.1204035	0.80	0.425	-.1400001	.331973
help1d	.0036638	.0035639	1.03	0.304	-.0033214	.0106489
help2	-.0124301	.0466666	-0.27	0.790	-.1038949	.0790347
help3	.0482514	.0647232	0.75	0.456	-.0786037	.1751064
dtime	-.0017656	.004093	-0.43	0.666	-.0097877	.0062566
bed	-.0155802	.005077	-3.07	0.002	-.025531	-.0056294
r7_1	-.4942696	.1241995	-3.98	0.000	-.7376962	-.250843
r7_2a	-.425452	.0906464	-4.69	0.000	-.6031156	-.2477883
r7_2b	-.3836931	.1064202	-3.61	0.000	-.5922729	-.1751133
_cons	-.6133466	.1603215	-3.83	0.000	-.9275708	-.2991223
bi1346						
klevel1	.2039238	.1268427	1.61	0.108	-.0446833	.4525309
klevel2	.3817359	.1352328	2.82	0.005	.1166845	.6467873
klevel3	.2602935	.1512781	1.72	0.085	-.0362062	.5567932
klevel4	.1579564	.1821922	0.87	0.386	-.1991338	.5150466
klevel5	.0475454	.2039695	0.23	0.816	-.3522275	.4473183
r1308_1	.1249208	.1025944	1.22	0.223	-.0761604	.3260021
r1308_5	-.0829355	.1333679	-0.62	0.534	-.3443317	.1784608
r1308_6	.0781664	.129976	0.60	0.548	-.1765819	.3329146
r1308_9	.1424772	.1286328	1.11	0.268	-.1096385	.3945929
r1308_11	-.2512456	.1187288	-2.12	0.034	-.4839497	-.0185415
r1309_1	.1367807	.1336082	1.02	0.306	-.1250865	.398648
r1309_2	.1455155	.1146669	1.27	0.204	-.0792275	.3702585
syotoku1000	-.1336831	.0834016	-1.60	0.109	-.2971473	.029781
syotoku1000_	-.2425835	.1508241	-1.61	0.108	-.5381934	.0530264
help1d	-.0059377	.0042792	-1.39	0.165	-.0143247	.0024493
help2	.1414304	.0554492	2.55	0.011	.0327519	.2501089
help3	.0644875	.072073	0.89	0.371	-.076773	.2057479
dtime	-.002275	.0049518	-0.46	0.647	-.012	.00745
bed	-.0170524	.0061022	-2.80	0.005	-.0290225	-.0051022
r7_1	-.0004123	.1423255	-0.00	0.998	-.2793652	.2785406
r7_2a	-.1270627	.1081731	-1.17	0.240	-.3390781	.0849526
r7_2b	.0462558	.1253197	0.37	0.712	-.1993663	.291878
_cons	-1.194226	.1928002	-6.19	0.000	-1.572108	-.8163447
bi1504						
klevel1	.3316344	.1956534	1.70	0.090	-.0518393	.7151081
klevel2	.6040563	.197017	3.07	0.002	.21791	.9902025
klevel3	.7220199	.2071897	3.48	0.000	.3159356	1.128104
klevel4	.9878757	.2226932	4.44	0.000	.5514051	1.424346
klevel5	.8878423	.2365621	3.75	0.000	.424189	1.351496
r1308_1	.0678541	.1175361	0.58	0.564	-.1625123	.2982206
r1308_5	-.3728281	.1877067	-1.99	0.047	-.7407265	-.0049296
r1308_6	.5332599	.1330619	4.01	0.000	.2724634	.7940564
r1308_9	.0917261	.1483325	0.62	0.536	-.1990002	.3824524
r1308_11	-.0173238	.1351396	-0.13	0.898	-.2821927	.247545
r1309_1	-.001916	.1442025	-0.01	0.989	-.2845477	.2807158
r1309_2	-.0027203	.1170945	-0.02	0.981	-.2322214	.2267807
syotoku1000	.1494201	.0949008	1.57	0.115	-.0365822	.3354223
syotoku1000_	.4321586	.1452879	2.97	0.003	.1473995	.7169176
help1d	.0057366	.0045101	1.27	0.203	-.0031031	.0145763
help2	-.0976465	.0620137	-1.57	0.115	-.2191911	.023898
help3	-.0762136	.1019005	-0.75	0.455	-.2759349	.1235077
dtime	-.0052577	.0055264	-0.95	0.341	-.0160893	.005574
bed	.017169	.0064268	2.67	0.008	.0045727	.0297652
r7_1	-.2096787	.1909122	-1.10	0.272	-.5838596	.1645023
r7_2a	-.3388738	.1293112	-2.62	0.009	-.5923192	-.0854284
r7_2b	-.2063372	.1514919	-1.36	0.173	-.5032559	.0905814
_cons	-1.93931	.2436948	-7.96	0.000	-2.416943	-1.461677
/atrho21	.210675	.0495298	4.25	0.000	.1135985	.3077516
/atrho31	.1334654	.0489364	2.73	0.006	.0375519	.229379
/atrho41	.0322588	.0702974	0.46	0.646	-.1055215	.1700391
/atrho51	-.0227552	.0380903	-0.60	0.550	-.0974109	.0519005
/atrho61	-.1678858	.0469948	-3.57	0.000	-.259994	-.0757777
/atrho71	.0208979	.0511629	0.41	0.683	-.0793794	.1211753
/atrho32	.21684	.0529947	4.09	0.000	.1129722	.3207077
/atrho42	.1880751	.0719886	2.61	0.009	.0469801	.3291702
/atrho52	-.1862591	.0438647	-4.25	0.000	-.2722323	-.100286
/atrho62	-.1294173	.0547076	-2.37	0.018	-.2366422	-.0221924
/atrho72	-.0463633	.0543515	-0.85	0.394	-.1528903	.0601637
/atrho43	.2039076	.0820658	2.48	0.013	.0430616	.3647537
/atrho53	-.2190803	.0448945	-4.88	0.000	-.3070719	-.1310888
/atrho63	.0400515	.052814	0.76	0.448	-.0634621	.1435651
/atrho73	-.0523383	.0568594	-0.92	0.357	-.1637808	.0591041
/atrho54	-.1053557	.0538154	-1.96	0.050	-.2108319	.0001205
/atrho64	.0871281	.0638674	1.36	0.173	-.0380498	.212306
/atrho74	-.049743	.0689783	-0.72	0.471	-.1849381	.085452
/atrho65	-.2143751	.0421549	-5.09	0.000	-.2969971	-.1317531
/atrho75	.2138332	.0472049	4.53	0.000	.1213133	.3063531
/atrho76	.0318171	.0519519	0.61	0.540	-.0700069	.133641
rho21	.2076125	.0473949	4.38	0.000	.1131123	.2983903
rho31	.1326786	.0480749	2.76	0.006	.0375342	.225439
rho41	.0322476	.0702243	0.46	0.646	-.1051316	.168419
rho51	-.0227513	.0380706	-0.60	0.550	-.097104	.0518539
rho61	-.1663261	.0456947	-3.64	0.000	-.2542899	-.075633
rho71	.0208949	.0511405	0.41	0.683	-.0792131	.1205857
rho32	.2135041	.050579	4.22	0.000	.112494	.3101467
rho42	.1858885	.0695011	2.67	0.007	.0469455	.317775
rho52	-.1841347	.0423774	-4.35	0.000	-.2657008	-.0999511
rho62	-.1286996	.0538014	-2.39	0.017	-.2323217	-.0221888
rho72	-.0463301	.0542348	-0.85	0.393	-.1517101	.0600912
rho43	.2011278	.0787461	2.55	0.011	.043035	.3493943
rho53	-.2156413	.0428068	-5.04	0.000	-.2977709	-.130343
rho63	.0400301	.0527294	0.76	0.448	-.0633771	.1425868
rho73	-.0522906	.056704	-0.92	0.356	-.1623319	.0590354
rho54	-.1049676	.0532224	-1.97	0.049	-.2077626	.0001205
rho64	.0869083	.0633851	1.37	0.170	-.0380315	.2091726
rho74	-.049702	.0688079	-0.72	0.470	-.1828581	.0852446
rho65	-.2111504	.0402754	-5.24	0.000	-.2885622	-.130996
rho75	.2106326	.0451106	4.67	0.000	.1207217	.2971157
rho76	.0318063	.0518994	0.61	0.540	-.0698927	.132851

Likelihood ratio test of rho21 = rho31 = rho41 = rho51 = rho61 = rho71 = rho32 = rho42 = rho52 = rho62 = rho72 = rho43 = rho53 = rho63 = rho73 = rho54 = rho64 = rho74 = rho65 = rho75 = rho76 = 0:
chi2(21) = 161.746　Prob > chi2 = 0.0000

分析結果　G 8

Multivariate probit (SML, # draws = 5)　　Number of obs = 1964
Wald chi2(133) = 1096.01
Log likelihood = -5190.6835　　Prob > chi2 = 0.0000

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
bi1326						
klevel1	.146793	.1210684	1.21	0.225	-.0904967	.3840828
klevel2	.1721308	.1307044	1.32	0.188	-.0840451	.4283067
klevel3	.2097162	.1422312	1.47	0.140	-.0690519	.4884842
klevel4	.3766601	.1611649	2.34	0.019	.0607826	.6925375
klevel5	.4888485	.1713334	2.85	0.004	.1530413	.8246557
r1308_1	-.0440272	.0954889	-0.46	0.645	-.2311821	.1431276
r1308_5	.0582037	.1197507	0.49	0.627	-.1765033	.2929108
r1308_6	-.1840972	.1250197	-1.47	0.141	-.4291313	.0609368
r1308_9	-.1401815	.1250417	-1.12	0.262	-.3852586	.1048956
r1308_11	-.0906785	.1070372	-0.85	0.397	-.3004677	.1191106
r1309_2	.0706936	.0878369	0.80	0.421	-.1014635	.2428507
r1309_3	.3910572	.1229075	3.18	0.001	.1501629	.6319514
syotoku1000	-.1148023	.0779102	-1.47	0.141	-.2675034	.0378989
syotoku1000_	.1685748	.1328285	1.27	0.204	-.0917642	.4289138
dtime	-.0092462	.0046676	-1.98	0.048	-.0183945	-.0000978
bed	.014861	.0055961	2.66	0.008	.0038928	.0258292
r7_1	1.443583	.119069	12.12	0.000	1.210212	1.676953
r7_2a	.46936	.0948531	4.95	0.000	.2834317	.6552882
r7_2b	.7346883	.1087811	6.75	0.000	.5214813	.9478953
_cons	-1.26403	.15056	-8.40	0.000	-1.559123	-.9689383
bi1330						
klevel1	-.0443473	.1844412	-0.24	0.810	-.4058455	.3171509
klevel2	.2547635	.1864742	1.37	0.172	-.1107192	.6202462
klevel3	.6688913	.1914793	3.49	0.000	.2935988	1.044184
klevel4	.9685628	.2032123	4.77	0.000	.570274	1.366852
klevel5	1.08572	.2133529	5.09	0.000	.6675556	1.503884
r1308_1	-.0063105	.1138746	-0.06	0.956	-.2295005	.2168796
r1308_5	-.0959932	.158892	-0.60	0.546	-.4074158	.2154295
r1308_6	-.3658257	.1582245	-2.31	0.021	-.67594	-.0557113
r1308_9	-.0844837	.1491236	-0.57	0.571	-.3767606	.2077933
r1308_11	.0788575	.1306186	0.60	0.546	-.1771503	.3348653
r1309_2	.0462392	.1233401	0.37	0.708	-.195503	.2879814
r1309_3	.6140442	.1474017	4.17	0.000	.3251421	.9029462
syotoku1000	.0877416	.0955646	0.92	0.359	-.0995615	.2750448
syotoku1000_	.2008204	.1577551	1.27	0.203	-.1083738	.5100147
dtime	-.0012331	.0056049	-0.22	0.826	-.0122184	.0097522
bed	.0271259	.0064396	4.21	0.000	.0145045	.0397472
r7_1	.5693719	.1553857	3.66	0.000	.2648215	.8739223
r7_2a	.1577565	.1177168	1.34	0.180	-.0729642	.3884772
r7_2b	.1782927	.1409027	1.27	0.206	-.0978716	.454457
_cons	-2.066068	.2096186	-9.86	0.000	-2.476913	-1.655224
bi1334						
klevel1	.0562508	.1732838	0.32	0.745	-.2833792	.3958808
klevel2	.36451	.1762381	2.07	0.039	.0190897	.7099303
klevel3	.3979305	.1886767	2.11	0.035	.028131	.76773
klevel4	.6799199	.2027484	3.35	0.001	.2825404	1.077299
klevel5	.9693974	.2105178	4.60	0.000	.55679	1.382005
r1308_1	-.1691984	.1107647	-1.53	0.127	-.3862932	.0478964
r1308_5	-.1201846	.1459705	-0.82	0.410	-.4062816	.1659123
r1308_6	-.3779653	.1534522	-2.46	0.014	-.678726	-.0772045
r1308_9	-.141794	.143405	-0.99	0.323	-.4228626	.1392746
r1308_11	-.3190345	.1357087	-2.35	0.019	-.5850187	-.0530503
r1309_2	.1617131	.1196552	1.35	0.177	-.0728069	.396233
r1309_3	.5299867	.1493606	3.55	0.000	.2372454	.822278
syotoku1000	.060549	.0940647	0.64	0.520	-.1238144	.2449124
syotoku1000_	-.0395332	.1685435	-0.23	0.815	-.3698724	.2908059
dtime	.0018527	.0055797	0.33	0.740	-.0090834	.0127887
bed	.0127159	.0065085	1.95	0.051	-.0000405	.0254723
r7_1	.5070897	.1510243	3.36	0.001	.2110874	.8030919
r7_2a	.1654309	.1168083	1.42	0.157	-.0635092	.3943709
r7_2b	.435364	.1298108	3.35	0.001	.1809394	.6897865
_cons	-1.909744	.2012078	-9.49	0.000	-2.304104	-1.515384
bi1338						
klevel1	.0757582	.2764831	0.27	0.784	-.4661388	.6176552
klevel2	.0449457	.2903553	0.15	0.877	-.5241403	.6140317
klevel3	.3937504	.2888849	1.36	0.173	-.1724537	.9599544
klevel4	.4232863	.3177724	1.33	0.183	-.1995362	1.046109
klevel5	.4883855	.3252945	1.50	0.133	-.14918	1.125951
r1308_1	.3069717	.1549984	1.98	0.048	.0031804	.610763
r1308_5	-.033978	.2200179	-0.15	0.877	-.4652052	.3972492
r1308_6	-.4128697	.2876014	-1.44	0.151	-.976558	.1508186
r1308_9	-.367902	.2714964	-1.36	0.175	-.9000252	.1642212
r1308_11	-.1749767	.2159382	-0.81	0.418	-.5982078	.2482543
r1309_2	.5979616	.2362711	2.53	0.011	.1348787	1.061044
r1309_3	.9281462	.2683996	3.46	0.001	.4020927	1.4542
syotoku1000	.1236244	.1364561	0.91	0.365	-.1438247	.3910734
syotoku1000_	.3268002	.2300331	1.42	0.155	-.1240564	.7776568
dtime	.0052814	.0082608	0.64	0.523	-.0109093	.0214727
bed	-.0088828	.0098497	-0.90	0.367	-.0281878	.0104222
r7_1	.5719002	.2236524	2.56	0.011	.1335494	1.010251
r7_2a	.4718135	.1566945	3.01	0.003	.1646979	.7789291
r7_2b	.2962162	.2031931	1.46	0.145	-.1020349	.6944674
_cons	-2.960387	.3591155	-8.24	0.000	-3.664241	-2.256534
bi1342						
klevel1	.3173566	.1027619	3.09	0.002	.115947	.5187662
klevel2	.2341145	.110534	2.12	0.034	.0174718	.4507572
klevel3	.3282021	.1224649	2.68	0.007	.0881752	.5682289
klevel4	.3391417	.1435046	2.36	0.018	.0578779	.6204055
klevel5	.1460665	.1563401	0.93	0.350	-.1603545	.4524875
r1308_1	.3200136	.0872697	3.67	0.000	.1489681	.4910591
r1308_5	.0095991	.111328	0.09	0.931	-.2085998	.227798
r1308_6	.4793435	.1093525	4.38	0.000	.2650165	.6936705
r1308_9	.2255969	.1105686	2.04	0.041	.0088865	.4423074
r1308_11	.2059359	.0948282	2.17	0.030	.0200759	.3917958
r1309_2	.0304804	.0751259	0.41	0.685	-.1167637	.1777245
r1309_3	-.1870715	.1120448	-1.67	0.095	-.4066753	.0325323
syotoku1000	.062785	.0699456	0.90	0.369	-.0743058	.1998759
syotoku1000_	.0856196	.1200956	0.71	0.476	-.1497635	.3210027
dtime	-.0015824	.0040893	-0.39	0.699	-.0095972	.0064325
bed	-.0150745	.0050579	-2.98	0.003	-.0249877	-.0051612
r7_1	-.4653806	.1150041	-4.05	0.000	-.6907845	-.2399768
r7_2a	-.4059566	.0884745	-4.59	0.000	-.5793634	-.2325497
r7_2b	-.3747296	.1054789	-3.55	0.000	-.5814644	-.1679948
_cons	-.4069808	.1295384	-3.14	0.002	-.6608714	-.1530902
bi1346						
klevel1	.2149785	.1264281	1.70	0.089	-.032816	.4627731
klevel2	.3971775	.1335205	2.97	0.003	.1354821	.6588729
klevel3	.2706273	.1478049	1.83	0.067	-.019065	.5603196
klevel4	.1474033	.1770501	0.83	0.405	-.1996086	.4944152
klevel5	.0410568	.1981046	0.21	0.836	-.347221	.4293346
r1308_1	.1207852	.1023608	1.18	0.238	-.0798383	.3214087
r1308_5	-.0685675	.1324581	-0.52	0.605	-.3281805	.1910456
r1308_6	.0742377	.1287093	0.58	0.564	-.1780278	.3265032
r1308_9	.1394541	.1282763	1.09	0.277	-.1119628	.3908711
r1308_11	-.2445356	.118736	-2.06	0.039	-.4772539	-.0118172
r1309_2	.0127623	.0873026	0.15	0.884	-.1583476	.1838722
r1309_3	-.1528328	.1320071	-1.16	0.247	-.411562	.1058964
syotoku1000	-.1308983	.0829033	-1.58	0.114	-.2933858	.0315892
syotoku1000_	-.2263931	.1492205	-1.52	0.129	-.5188599	.0660738
dtime	-.0026449	.0049501	-0.53	0.593	-.012347	.0070572
bed	-.0173785	.0060768	-2.86	0.004	-.0292888	-.0054683
r7_1	-.0565953	.1318843	-0.43	0.668	-.3150837	.2018931
r7_2a	-.1749237	.1053609	-1.66	0.097	-.3814272	.0315799
r7_2b	.0136562	.1241368	0.11	0.912	-.2296475	.2569598
_cons	-.9991921	.1567864	-6.37	0.000	-1.306488	-.6918964
bi13504						
klevel1	.3338356	.1954064	1.71	0.088	-.0491538	.716825
klevel2	.607578	.1958247	3.10	0.002	.2237686	.9913874
klevel3	.728722	.2043685	3.57	0.000	.328167	1.129277
klevel4	1.014423	.2175638	4.66	0.000	.5880056	1.44084
klevel5	.9150544	.2304262	3.97	0.000	.4634274	1.366681
r1308_1	.0698606	.1170646	0.60	0.551	-.1595818	.299303
r1308_5	-.3838165	.1872017	-2.05	0.040	-.7507251	-.016908
r1308_6	.5404739	.1321236	4.09	0.000	.2815163	.7994314
r1308_9	.0890706	.1479481	0.60	0.547	-.2009023	.3790435
r1308_11	-.0313211	.1347268	-0.23	0.816	-.2953807	.2327386
r1309_2	-.0039694	.1073495	-0.04	0.971	-.2143706	.2064318
r1309_3	.0193408	.1426348	0.14	0.892	-.2602182	.2988998
syotoku1000	.1457241	.0944626	1.54	0.123	-.0394191	.3308674
syotoku1000_	.419775	.1445408	2.90	0.004	.1364801	.7030698
dtime	-.0048464	.0055102	-0.88	0.379	-.0156461	.0059534
bed	.0173538	.0063995	2.71	0.007	.0048111	.0298965
r7_1	-.1887985	.1772535	-1.07	0.287	-.536209	.158612
r7_2a	-.3082556	.1257069	-2.45	0.014	-.5546366	-.0618746
r7_2b	-.188712	.1497366	-1.26	0.208	-.4821904	.1047664
_cons	-1.975166	.2148295	-9.19	0.000	-2.396224	-1.554108
/atrho21	.2090709	.0493658	4.24	0.000	.1123157	.3058261
/atrho31	.1255812	.048506	2.59	0.010	.0305112	.2206513
/atrho41	.0344221	.0697919	0.49	0.622	-.1023675	.1712117
/atrho51	-.024475	.0380719	-0.64	0.520	-.0990945	.0501446
/atrho61	-.1662241	.046742	-3.56	0.000	-.2578367	-.0746115
/atrho71	.0198302	.0509644	0.39	0.697	-.0800581	.1197186
/atrho32	.2164014	.0525726	4.12	0.000	.1133609	.3194418
/atrho42	.1870355	.0709779	2.64	0.008	.0479213	.3261497
/atrho52	-.184921	.0436538	-4.24	0.000	-.270481	-.0993611
/atrho62	-.1352495	.0545856	-2.48	0.013	-.2422353	-.0282637
/atrho72	-.0430034	.0542374	-0.79	0.428	-.1493067	.0632999
/atrho43	.2264697	.0809933	2.80	0.005	.0677258	.3852137
/atrho53	-.2153309	.0447449	-4.81	0.000	-.3030293	-.1276325
/atrho63	.0328524	.0523547	0.63	0.530	-.0697609	.1354657
/atrho73	-.0465687	.0564602	-0.82	0.409	-.1572287	.0640914
/atrho54	-.1098287	.0536322	-2.05	0.041	-.2149458	-.0047116
/atrho64	.0840727	.0631127	1.33	0.183	-.0396258	.2077712
/atrho74	-.0441802	.0688854	-0.64	0.521	-.1791931	.0908327
/atrho65	-.213858	.0420252	-5.09	0.000	-.2962259	-.1314901
/atrho75	.213734	.0470636	4.54	0.000	.121491	.3059771
/atrho76	.0254455	.0518181	0.49	0.623	-.0761161	.1270071
rho21	.206077	.0472694	4.36	0.000	.1118458	.2966352
rho31	.1249252	.047749	2.62	0.009	.0305017	.2171388
rho41	.0344085	.0697093	0.49	0.622	-.1020114	.1695582
rho51	-.0244701	.0380491	-0.64	0.520	-.0987714	.0501026
rho61	-.1647099	.0454739	-3.62	0.000	-.252271	-.0744733
rho71	.0198276	.0509443	0.39	0.697	-.0798875	.1191499
rho32	.2130855	.0501856	4.25	0.000	.1128778	.3090021
rho42	.1848846	.0685518	2.70	0.007	.0478846	.3150569
rho52	-.1828416	.0421944	-4.33	0.000	-.2640723	-.0990354
rho62	-.1344308	.0535991	-2.51	0.012	-.2376059	-.0282562
rho72	-.0429769	.0541372	-0.79	0.427	-.148207	.0632155
rho43	.2226758	.0769773	2.89	0.004	.0676225	.3672266
rho53	-.2120634	.0427327	-4.96	0.000	-.2940824	-.1269439
rho63	.0328406	.0522982	0.63	0.530	-.0696479	.1346431
rho73	-.046535	.056338	-0.83	0.409	-.1559458	.0640038
rho54	-.1093892	.0529904	-2.06	0.039	-.2116956	-.0047115
rho64	.0838752	.0626687	1.34	0.181	-.0396051	.2048322
rho74	-.0441515	.0687511	-0.64	0.521	-.1772994	.0905837
rho65	-.2106563	.0401603	-5.25	0.000	-.287855	-.1307375
rho75	.2105378	.0449775	4.68	0.000	.1208968	.2967729
rho76	.02544	.0517846	0.49	0.623	-.0759695	.1263286

Likelihood ratio test of rho21 = rho31 = rho41 = rho51 = rho61 = rho71 = rho32 = rho42 = rho52 = rho62 = rho72 = rho43 = rho53 = rho63 = rho73 = rho54 = rho64 = rho74 = rho65 = rho75 = rho76 = 0:
chi2(21) = 161.888　Prob > chi2 = 0.0000

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関係及び自己負担合算額等に関する研究
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