

ภาคผนวก ก

ค่าการแจกแจงแบบปกติของตัวแปรสังเกตได้

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ค่าการแจกแจงแบบปกติ

Test of Univariate Normality for Continuous Variables

Variable	Skewness		Kurtosis		Skewness and Kurtosis	
	Z-Score	P-Value	Z-Score	P-Value	Chi-Square	P-Value
b1x1	-1.062	0.288	-2.204	0.028	5.988	0.050
b2x2	-1.342	0.179	-3.274	0.001	12.520	0.002
b3x3	-1.096	0.273	-2.633	0.008	8.135	0.017
b4x4	-1.392	0.164	-2.625	0.009	8.827	0.012
c1x5	-0.559	0.576	-1.208	0.227	1.772	0.412
c2x6	-0.731	0.465	-1.302	0.193	2.229	0.328
c3x7	-0.384	0.701	-1.764	0.078	3.259	0.196
c4x8	-0.587	0.557	-1.431	0.152	2.393	0.302
c5x9	-0.472	0.637	-1.892	0.058	3.804	0.149
c6x10	-0.258	0.797	-2.131	0.033	4.607	0.100
d1y1	-0.600	0.549	-1.232	0.218	1.876	0.391
d2y2	-0.585	0.558	-1.679	0.093	3.163	0.206
d3y3	-0.729	0.466	-1.103	0.270	1.748	0.417
d4y4	-0.659	0.510	-2.090	0.037	4.802	0.091
d5y5	-0.723	0.470	-2.121	0.034	5.020	0.081
d6y6	-0.692	0.489	-1.706	0.088	3.390	0.184
d7y7	-0.719	0.472	-1.504	0.133	2.779	0.249
e1y8	-0.302	0.762	-2.075	0.038	4.397	0.111
e2y9	-1.243	0.214	-2.590	0.010	8.255	0.016
e3y10	-0.942	0.346	-1.810	0.070	4.163	0.125
e4y11	-0.617	0.537	-1.448	0.148	2.478	0.290

e5y12	-0.014	0.989	-0.289	0.772	0.084	0.959
f1y13	-1.296	0.195	-2.882	0.004	9.987	0.007
f2y14	-0.491	0.623	-1.947	0.052	4.031	0.133
f3y15	-1.487	0.137	-3.129	0.002	12.000	0.002
f4y16	-0.445	0.656	-0.308	0.758	0.293	0.864
f5y17	-0.125	0.901	-0.780	0.435	0.624	0.732
f6y18	-0.030	0.976	-1.387	0.165	1.925	0.382
a1y19	-1.554	0.120	-3.464	0.001	14.415	0.001
a2y20	-1.839	0.066	-2.592	0.010	10.103	0.006
a3y21	-1.770	0.077	-2.807	0.005	11.014	0.004
a4y22	-1.529	0.126	-3.336	0.001	13.467	0.001
a5y23	-1.507	0.132	-3.398	0.001	13.817	0.001
a6y24	-0.671	0.503	-1.826	0.068	3.786	0.151