

	Component					
	1	2	3	4	5	6
D2	-.346	.550	.025	-.025	-.191	-.001
D3	-.483	.508	-.054	-.153	-.095	-.127
D7	-.329	.447	-.070	-.249	-.234	-.185
D5	-.376	.432	.021	-.131	-.073	-.162
D8	-.381	.432	.074	.078	-.179	.133
H6	.434	.043	.673	-.241	.045	.050
H7	.321	.086	.619	-.038	.030	.002
H5	.458	-.019	.585	-.255	.023	.058
H4	-.413	.323	.057	.144	.530	.220
P4	.384	.178	.108	.358	-.333	.412

Extraction Method: Principal Component Analysis.

a. 6 components extracted.

Rotated Component Matrix^a

	Component					
	1	2	3	4	5	6
Re4	.775	-.126	.076	.106	.081	.097
Re2	.746	-.019	.073	.174	-.211	.119
Re5	.739	-.138	.081	.041	.098	.129
Re1	.735	-.036	.124	.148	-.217	.038
R5	.603	-.029	.192	.217	-.359	.118
H1	.546	-.254	.292	.001	-.034	.066
R6	.544	-.181	.272	.120	-.257	.203
Re3	.506	.074	.114	-.058	-.080	.206
D1	.442	-.270	.224	.047	.029	-.011
P2	.420	-.150	.320	.195	-.155	.407
R4	.402	-.048	.325	.296	-.015	-.045
P1	.398	-.166	.193	.147	-.210	.372
D6	-.116	.690	-.030	.029	.245	.038
D3	-.061	.689	-.097	-.117	.128	-.156
D2	-.038	.658	-.048	-.041	.119	.086
D7	.011	.649	-.074	-.073	-.096	-.151
D4	-.180	.644	-.052	-.165	.166	-.070
D5	-.060	.581	-.026	-.032	.098	-.156
D8	-.148	.536	-.112	-.038	.183	.191
R3	.258	-.098	.792	.075	-.047	.090

	Component					
	1	2	3	4	5	6
R2	.264	-.115	.772	.100	.009	.154
R1	.226	-.097	.628	.138	-.224	.139
H6	.162	-.103	.058	.812	-.059	.053
H5	.184	-.158	.034	.738	-.118	.050
H7	.040	-.044	.169	.672	.026	.113
H4	-.039	.188	-.137	-.055	.751	-.076
H3	-.192	.327	.016	-.032	.655	.058
H2	-.125	.420	-.075	-.052	.578	-.149
P4	.128	-.032	.095	.116	-.055	.746
P3	.304	-.093	.130	.028	.006	.733

Extraction Method: Principal Component Analysis.

Rotation Method: Varimax with Kaiser Normalization.^a

a. Rotation converged in 7 iterations.

สำนักวิทยบริการและเทคโนโลยีสารสนเทศ
มหาวิทยาลัยราชภัฏพิบูลสงคราม

ภาคผนวก ง

ผลการวิเคราะห์ความแปรปรวน

สำนักวิทยบริการและเทคโนโลยีสารสนเทศ
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The default error term in MANOVA has been changed from WITHIN CELLS to WITHIN+RESIDUAL. Note that these are the same for all full factorial designs.

***** Analysis of Variance *****

660 cases accepted.
 0 cases rejected because of out-of-range factor values.
 0 cases rejected because of missing data.
 6 non-empty cells.

 3 designs will be processed.

***** Analysis of Variance --
 Design 1 *****

Tests of Significance for cl using UNIQUE sums of squares

Source of Variation	SS	DF	MS	F	Sig of F
WITHIN+RESIDUAL	178.33	654	.27		
AL	5.02	2	2.51	9.20	.000
BL	.02	1	.02	.07	.795
AL BY BL	10.08	2	5.04	18.48	.000
(Model)	15.11	5	3.02	11.08	.000
(Total)	193.44	659	.29		

R-Squared = .078
 Adjusted R-Squared = .071

 * * * * * Analysis of
 f Variance -- Design 2 * * * * *

Tests of Significance for cl using UNIQUE sums of squares

Source of Variation	SS	DF	MS	F	Sig of F
WITHIN+RESIDUAL	178.33	654	.27		
AL	5.02	2	2.51	9.20	.000
BL WITHIN AL(1)	.10	1	.10	.35	.555
BL WITHIN AL(2)	6.21	1	6.21	22.76	.000
BL WITHIN AL(3)	3.79	1	3.79	13.91	.000
(Model)	15.11	5	3.02	11.08	.000
(Total)	193.44	659	.29		

R-Squared = .078
 Adjusted R-Squared = .071

 * * * * * Analysis of Variance --
 Design 3 * * * * *

Tests of Significance for cl using UNIQUE sums of squares

Source of Variation	SS	DF	MS	F	Sig of F
WITHIN+RESIDUAL	178.33	654	.27		
BL	.02	1	.02	.07	.795
AL WITHIN BL(1)	14.29	2	7.14	26.20	.000
AL WITHIN BL(2)	.80	2	.40	1.48	.229
(Model)	15.11	5	3.02	11.08	.000
(Total)	193.44	659	.29		

R-Squared = .078
 Adjusted R-Squared = .071

```

DATASET ACTIVATE DataSet1.
UNIANOVA cl BY al bl
/METHOD=SSTYPE(3)
/INTERCEPT=INCLUDE
/PLOT=PROFILE(al*bl)
/CRITERIA=ALPHA(0.05)
/DESIGN=al bl al*bl.

```

Between-Subjects Factors

		Value Label	N
al	1	สพ.	220
	2	สพม.	220
	3	อปท.	220
bl	1	ขนาดเล็ก	330
	2	ขนาดใหญ่	330

Tests of Between-Subjects Effects

Dependent Variable: cl

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	15.112 ^a	5	3.022	11.084	.000
Intercept	10706.044	1	10706.044	39262.575	.000
al	5.016	2	2.508	9.198	.000
bl	.018	1	.018	.068	.795
al * bl	10.077	2	5.039	18.479	.000
Error	178.331	654	.273		
Total	10899.488	660			
Corrected Total	193.444	659			

a. R Squared = .078 (Adjusted R Squared = .071)

Profile Plots

