

รายการอ้างอิง

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ภาคผนวก

----- FACTOR ANALYSIS -----

occu 1006

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.99560	66.5	66.5
FR2	1.00000	*	2	.99029	33.0	99.5
FR3	1.00000	*	3	.01411	.5	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.13901	.99029	.00055
FR2	.99428	-.06600	-.08403
FR3	.99383	-.07248	.08399

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.99560	66.5	66.5
FR2	1.00000	*	2	.99029	33.0	99.5
FR3	1.00000	*	3	.01411	.5	100.0

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----- FACTOR ANALYSIS -----

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.06966	1.00000	.03878
FR2	.49823	-.06665	-5.95322
FR3	.49801	-.07320	5.95048

----- FACTOR ANALYSIS -----

occu 1007

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.94914	65.0	65.0
FR2	1.00000	*	2	.99213	33.1	98.0
FR3	1.00000	*	3	.05873	2.0	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	-.12663	.99195	.00061
FR2	.98302	.06567	-.17134
FR3	.98325	.06210	.17138

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.94914	65.0	65.0
FR2	1.00000	*	2	.99213	33.1	98.0
FR3	1.00000	*	3	.05873	2.0	100.0

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----- FACTOR ANALYSIS -----

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	-.06497	.99982	.01046
FR2	.50434	.06619	-2.91747
FR3	.50445	.06259	2.91814

----- FACTOR ANALYSIS -----

occu 1015

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.96040	65.3	65.3
FR2	1.00000	*	2	.99818	33.3	98.6
FR3	1.00000	*	3	.04141	1.4	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.06105	.99813	.00077
FR2	.98919	-.02814	-.14391
FR3	.98903	-.03347	.14389

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.96040	65.3	65.3
FR2	1.00000	*	2	.99818	33.3	98.6
FR3	1.00000	*	3	.04141	1.4	100.0

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----- FACTOR ANALYSIS -----

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.03114	.99995	.01852
FR2	.50459	-.02819	-3.47492
FR3	.50450	-.03353	3.47435

----- FACTOR ANALYSIS -----

occu 1019

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.98789	66.3	66.3
FR2	1.00000	*	2	.99983	33.3	99.6
FR3	1.00000	*	3	.01228	.4	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.01840	.99983	.00006
FR2	.99688	-.00958	.07835
FR3	.99689	-.00887	-.07835

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.98789	66.3	66.3
FR2	1.00000	*	2	.99983	33.3	99.6
FR3	1.00000	*	3	.01228	.4	100.0

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.00925	1.00000	.00453
FR2	.50148	-.00958	6.38146
FR3	.50148	-.00887	-6.38150

----- FACTOR ANALYSIS -----

occu 1020

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.99300	66.4	66.4
FR2	1.00000	*	2	.99417	33.1	99.6
FR3	1.00000	*	3	.01283	.4	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.10804	.99415	.00048
FR2	.99516	-.05692	.08008
FR3	.99548	-.05099	-.08011

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.99300	66.4	66.4
FR2	1.00000	*	2	.99417	33.1	99.6
FR3	1.00000	*	3	.01283	.4	100.0

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----- FACTOR ANALYSIS -----

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.05421	.99998	.03708
FR2	.49933	-.05725	6.24133
FR3	.49949	-.05129	-6.24336

----- FACTOR ANALYSIS -----

occu 1023

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.92614	64.2	64.2
FR2	1.00000	*	2	.98175	32.7	96.9
FR3	1.00000	*	3	.09211	3.1	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	-.19354	.98109	.00352
FR2	.97099	.10584	-.21441
FR3	.97255	.08958	.21477

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.92614	64.2	64.2
FR2	1.00000	*	2	.98175	32.7	96.9

FR3	1.00000	*	3	.09211	3.1	100.0
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Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	-.10048	.99932	.03823
FR2	.50411	.10780	-2.32779
FR3	.50492	.09124	2.33167

----- FACTOR ANALYSIS -----

occu 1027

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.74472	58.2	58.2
FR2	1.00000	*	2	.99936	33.3	91.5
FR3	1.00000	*	3	.25592	8.5	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	-.12302	.99139	.04478
FR2	.93380	.00327	.35779
FR3	.92607	.12841	-.35483

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.74472	58.2	58.2
FR2	1.00000	*	2	.99936	33.3	91.5
FR3	1.00000	*	3	.25592	8.5	100.0

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	-.07051	.99203	.17497
FR2	.53521	.00327	1.39805

FR3 .53079 .12849 -1.38647

----- FACTOR ANALYSIS -----

occu 1028

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.48778	49.6	49.6
FR2	1.00000	*	2	1.01577	33.9	83.5
FR3	1.00000	*	3	.49645	16.5	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.08986	.98712	.13238
FR2	.85385	-.18642	.48599
FR3	.86640	.08134	-.49269

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.48778	49.6	49.6
FR2	1.00000	*	2	1.01577	33.9	83.5
FR3	1.00000	*	3	.49645	16.5	100.0

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.06040	.97179	.26665
FR2	.57391	-.18353	.97893
FR3	.58234	.08008	-.99241

----- FACTOR ANALYSIS -----

occu 1029

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.67615	55.9	55.9
FR2	1.00000	*	2	.95948	32.0	87.9
FR3	1.00000	*	3	.36437	12.1	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.31000	.95055	.01874
FR2	.89201	-.14429	-.42836
FR3	.88564	-.18739	.42488

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.67615	55.9	55.9
FR2	1.00000	*	2	.95948	32.0	87.9
FR3	1.00000	*	3	.36437	12.1	100.0

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----- FACTOR ANALYSIS -----

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.18495	.99069	.05142
FR2	.53218	-.15038	-1.17563
FR3	.52838	-.19530	1.16609

----- FACTOR ANALYSIS -----

occu 1030

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.99878	66.6	66.6
FR2	1.00000	*	2	.96993	32.3	99.0

FR3 1.00000 * 3 .03129 1.0 100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.24293	.97004	.00321
FR2	.98332	-.13229	.12486
FR3	.98633	-.10703	-.12526

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.99878	66.6	66.6
FR2	1.00000	*	2	.96993	32.3	99.0
FR3	1.00000	*	3	.03129	1.0	100.0

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----- FACTOR ANALYSIS -----

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.12154	1.00011	.10246
FR2	.49196	-.13639	3.99027
FR3	.49347	-.11035	-4.00330

----- FACTOR ANALYSIS -----

occu 1032

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	2.01400	67.1	67.1
FR2	1.00000	*	2	.98242	32.7	99.9
FR3	1.00000	*	3	.00358	.1	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
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FR	.18526	.98269	.00003
FR2	.99494	-.09115	-.04229
FR3	.99488	-.09184	.04229

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	2.01400	67.1	67.1
FR2	1.00000	*	2	.98242	32.7	99.9
FR3	1.00000	*	3	.00358	.1	100.0

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----- FACTOR ANALYSIS -----

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.60935	53.6	53.6
FR2	1.00000	*	2	1.00112	33.4	87.0
FR3	1.00000	*	3	.38953	13.0	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.00556	.99962	.02690
FR2	.89694	-.03360	.44087
FR3	.89711	.02739	-.44095

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.60935	53.6	53.6
FR2	1.00000	*	2	1.00112	33.4	87.0
FR3	1.00000	*	3	.38953	13.0	100.0

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----- FACTOR ANALYSIS -----

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.00346	.99850	.06906
FR2	.55733	-.03356	1.13180
FR3	.55744	.02736	-1.13202

Covariance Matrix for Estimated Regression Factor Scores:

	Factor 1	Factor 2	Factor 3
Factor 1	1.00000		
Factor 2	.00000	1.00000	
Factor 3	.00000	.00000	1.00000

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----- FACTOR ANALYSIS -----

occu 1040

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.09199	1.00027	.00825
FR2	.49401	-.09278	-11.82370
FR3	.49398	-.09348	11.82292

----- FACTOR ANALYSIS -----

occu 1042

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.28824	42.9	42.9
FR2	1.00000	*	2	1.00539	33.5	76.5
FR3	1.00000	*	3	.70637	23.5	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.48562	.79317	.36749
FR2	.63430	-.61339	.47055

FR3 .80627 .00483 -.59153

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.28824	42.9	42.9
FR2	1.00000	*	2	1.00539	33.5	76.5
FR3	1.00000	*	3	.70637	23.5	100.0

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.37696	.78892	.52026
FR2	.49238	-.61010	.66615
FR3	.62587	.00480	-.83742

----- FACTOR ANALYSIS -----

occu 1043

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.99431	66.5	66.5
FR2	1.00000	*	2	.99970	33.3	99.8
FR3	1.00000	*	3	.00599	.2	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.02475	.99969	.00020
FR2	.99840	-.01418	.05471
FR3	.99845	-.01060	-.05471

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.99431	66.5	66.5
FR2	1.00000	*	2	.99970	33.3	99.8
FR3	1.00000	*	3	.00599	.2	100.0

----- FACTOR ANALYSIS -----

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.01241	.99999	.03270
FR2	.50062	-.01418	9.13854
FR3	.50065	-.01061	-9.13895

----- FACTOR ANALYSIS -----

occu 1050

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	2.00897	67.0	67.0
FR2	1.00000	*	2	.97089	32.4	99.3
FR3	1.00000	*	3	.02014	.7	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.23746	.97140	.00082
FR2	.98855	-.11268	-.10039
FR3	.98760	-.12078	.10029

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	2.00897	67.0	67.0
FR2	1.00000	*	2	.97089	32.4	99.3
FR3	1.00000	*	3	.02014	.7	100.0

----- FACTOR ANALYSIS -----

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.11820	1.00052	.04095
FR2	.49207	-.11606	-4.98533
FR3	.49160	-.12440	4.98027

----- FACTOR ANALYSIS -----

occu 1051

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	2.16509	72.2	72.2
FR2	1.00000	*	2	.83287	27.8	99.9
FR3	1.00000	*	3	.00204	.1	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.52118	.85344	.00018
FR2	.97240	-.23114	.03188
FR3	.97360	-.22601	-.03194

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	2.16509	72.2	72.2
FR2	1.00000	*	2	.83287	27.8	99.9
FR3	1.00000	*	3	.00204	.1	100.0

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----- FACTOR ANALYSIS -----

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.24072	1.02470	.08695
FR2	.44913	-.27752	15.65615
FR3	.44968	-.27136	-15.68334

----- FACTOR ANALYSIS -----

occu 1062

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	2.00904	67.0	67.0
FR2	1.00000	*	2	.98992	33.0	100.0
FR3	1.00000	*	3	.00104	.0	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.14099	.99001	.00003
FR2	.99723	-.07072	.02285
FR3	.99734	-.06924	-.02285

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	2.00904	67.0	67.0
FR2	1.00000	*	2	.98992	33.0	100.0
FR3	1.00000	*	3	.00104	.0	100.0

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----- FACTOR ANALYSIS -----

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.07018	1.00009	.03262
FR2	.49637	-.07144	21.88269
FR3	.49643	-.06995	-21.88502

----- FACTOR ANALYSIS -----

occu 1072

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	2.00460	66.8	66.8
FR2	1.00000	*	2	.97722	32.6	99.4
FR3	1.00000	*	3	.01818	.6	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.21090	.97751	.00061
FR2	.98965	-.10726	.09531
FR3	.99031	-.10098	-.09538

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	2.00460	66.8	66.8
FR2	1.00000	*	2	.97722	32.6	99.4
FR3	1.00000	*	3	.01818	.6	100.0

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----- FACTOR ANALYSIS -----

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.10521	1.00029	.03329
FR2	.49369	-.10976	5.24228
FR3	.49402	-.10334	-5.24591

----- FACTOR ANALYSIS -----

occu 1086

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.85122	61.7	61.7

FR2	1.00000	*	2	.96372	32.1	93.8
FR3	1.00000	*	3	.18506	6.2	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	-.27653	.96096	.00952
FR2	.93994	.15646	-.30338
FR3	.94407	.12570	.30484

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.85122	61.7	61.7
FR2	1.00000	*	2	.96372	32.1	93.8
FR3	1.00000	*	3	.18506	6.2	100.0

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	-.14937	.99713	.05144
FR2	.50774	.16235	-1.63937
FR3	.50997	.13043	1.6472609

----- FACTOR ANALYSIS -----

occu 1087

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.98653	66.2	66.2
FR2	1.00000	*	2	.99056	33.0	99.2
FR3	1.00000	*	3	.02291	.8	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.13762	.99048	.00119

FR2	.99148	-.07425	.10698
FR3	.99224	-.06318	-.10707

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.98653	66.2	66.2
FR2	1.00000	*	2	.99056	33.0	99.2
FR3	1.00000	*	3	.02291	.8	100.0

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----- FACTOR ANALYSIS -----

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.06928	.99992	.05196
FR2	.49910	-.07496	4.66974
FR3	.49949	-.06378	-4.67338

----- FACTOR ANALYSIS -----

occu 2001

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	2.00083	66.7	66.7
FR2	1.00000	*	2	.99828	33.3	100.0
FR3	1.00000	*	3	.00089	.0	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.05869	.99828	.00005
FR2	.99938	-.02822	-.02112
FR3	.99931	-.03041	.02112

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	2.00083	66.7	66.7
FR2	1.00000	*	2	.99828	33.3	100.0
FR3	1.00000	*	3	.00089	.0	100.0

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----- FACTOR ANALYSIS -----

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.02933	1.00000	.05182
FR2	.49948	-.02827	-23.67652
FR3	.49945	-.03046	23.67499

----- FACTOR ANALYSIS -----

occu 2007

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.99312	66.4	66.4
FR2	1.00000	*	2	.99858	33.3	99.7
FR3	1.00000	*	3	.00830	.3	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	-.05336	.99858	.00020
FR2	.99752	.02826	-.06442
FR3	.99761	.02515	.06443

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.99312	66.4	66.4
FR2	1.00000	*	2	.99858	33.3	99.7
FR3	1.00000	*	3	.00830	.3	100.0

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	-.02677	.99999	.02410
FR2	.50048	.02830	-7.76075
FR3	.50053	.02519	7.76140

----- FACTOR ANALYSIS -----

occu 2013

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.99893	66.6	66.6
FR2	1.00000	*	2	.99999	33.3	100.0
FR3	1.00000	*	3	.00108	.0	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.00446	.99999	.00002
FR2	.99973	-.00176	-.02323
FR3	.99973	-.00270	.02323

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.99893	66.6	66.6
FR2	1.00000	*	2	.99999	33.3	100.0
FR3	1.00000	*	3	.00108	.0	100.0

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.00223	1.00000	.02012
FR2	.50013	-.00176	-21.52581
FR3	.50013	-.00270	21.52577

----- FACTOR ANALYSIS -----

occu 2019

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	2.00918	67.0	67.0
FR2	1.00000	*	2	.99015	33.0	100.0
FR3	1.00000	*	3	.00067	.0	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.13937	.99024	.00002
FR2	.99739	-.06978	.01833
FR3	.99748	-.06858	-.01833

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	2.00918	67.0	67.0
FR2	1.00000	*	2	.99015	33.0	100.0
FR3	1.00000	*	3	.00067	.0	100.0

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----- FACTOR ANALYSIS -----

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.06937	1.00009	.03311
FR2	.49642	-.07048	27.27520
FR3	.49646	-.06926	-27.27753

----- FACTOR ANALYSIS -----

occu 2045

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.75528	58.5	58.5
FR2	1.00000	*	2	.99667	33.2	91.7
FR3	1.00000	*	3	.24805	8.3	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.12074	.99219	.03137
FR2	.93024	-.10880	.35045
FR3	.93560	-.01986	-.35249

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.75528	58.5	58.5
FR2	1.00000	*	2	.99667	33.2	91.7
FR3	1.00000	*	3	.24805	8.3	100.0

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.06878	.99550	.12648
FR2	.52997	-.10916	1.41282
FR3	.53302	-.01993	-1.42104

----- FACTOR ANALYSIS -----

occu 2065

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	2.02000	67.3	67.3
FR2	1.00000	*	2	.97985	32.7	100.0

FR3 1.00000 * 3 .00015 .0 100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.19783	.98024	.00001
FR2	.99512	-.09825	.00868
FR3	.99528	-.09661	-.00868

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	2.02000	67.3	67.3
FR2	1.00000	*	2	.97985	32.7	100.0
FR3	1.00000	*	3	.00015	.0	100.0

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.09794	1.00040	.09557
FR2	.49264	-.10027	57.60531
FR3	.49272	-.09859	-57.61500

----- FACTOR ANALYSIS -----

occu 2077

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.94037	64.7	64.7
FR2	1.00000	*	2	.99481	33.2	97.8
FR3	1.00000	*	3	.06482	2.2	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	-.10320	.99466	.00039
FR2	.98222	.05332	-.18001

FR3 .98233 .05118 .18003

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.94037	64.7	64.7
FR2	1.00000	*	2	.99481	33.2	97.8
FR3	1.00000	*	3	.06482	2.2	100.0

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----- FACTOR ANALYSIS -----

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	-.05319	.99985	.00595
FR2	.50620	.05360	-2.77728
FR3	.50626	.05145	2.77760

----- FACTOR ANALYSIS -----

occu 2078

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	2.03430	67.8	67.8
FR2	1.00000	*	2	.96216	32.1	99.9
FR3	1.00000	*	3	.00354	.1	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.26804	.96341	.00028
FR2	.99015	-.13356	.04207
FR3	.99099	-.12713	-.04210

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
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FR	1.00000	*	1	2.03430	67.8	67.8
FR2	1.00000	*	2	.96216	32.1	99.9
FR3	1.00000	*	3	.00354	.1	100.0

----- FACTOR ANALYSIS -----

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.13176	1.00130	.07779
FR2	.48673	-.13881	11.87502
FR3	.48714	-.13213	-11.88594

----- FACTOR ANALYSIS -----

occu 2083

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.84073	61.4	61.4
FR2	1.00000	*	2	.99437	33.1	94.5
FR3	1.00000	*	3	.16491	5.5	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.11403	.99344	.00829
FR2	.95514	-.07366	.28684
FR3	.95678	-.04487	-.28733

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.84073	61.4	61.4
FR2	1.00000	*	2	.99437	33.1	94.5
FR3	1.00000	*	3	.16491	5.5	100.0

----- FACTOR ANALYSIS -----

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.06195	.99907	.05028
FR2	.51889	-.07407	1.73940
FR3	.51978	-.04512	-1.74242

----- FACTOR ANALYSIS -----

occu 2091

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	2.11636	70.5	70.5
FR2	1.00000	*	2	.86759	28.9	99.5
FR3	1.00000	*	3	.01604	.5	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.47377	.88065	.00079
FR2	.97350	-.21036	-.08968
FR3	.97170	-.21862	.08946

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	2.11636	70.5	70.5
FR2	1.00000	*	2	.86759	28.9	99.5
FR3	1.00000	*	3	.01604	.5	100.0

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.22386	1.01505	.04908
FR2	.45999	-.24246	-5.58901
FR3	.45914	-.25199	5.57545

----- FACTOR ANALYSIS -----

occu 4002

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	2.01216	67.1	67.1
FR2	1.00000	*	2	.98460	32.8	99.9
FR3	1.00000	*	3	.00324	.1	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.17376	.98479	.00025
FR2	.99522	-.08897	.04024
FR3	.99574	-.08292	-.04026

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	2.01216	67.1	67.1
FR2	1.00000	*	2	.98460	32.8	99.9
FR3	1.00000	*	3	.00324	.1	100.0

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.08635	1.00019	.07581
FR2	.49460	-.09037	12.41840
FR3	.49486	-.08421	-12.42512

----- FACTOR ANALYSIS -----

occu 4019

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
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FR	1.00000	*	1	1.90189	63.4	63.4
FR2	1.00000	*	2	.98660	32.9	96.3
FR3	1.00000	*	3	.11151	3.7	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.17197	.98505	.01031
FR2	.96940	-.06589	-.23648
FR3	.96570	-.10927	.23555

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.90189	63.4	63.4
FR2	1.00000	*	2	.98660	32.9	96.3
FR3	1.00000	*	3	.11151	3.7	100.0

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.09042	.99843	.09246
FR2	.50970	-.06679	-2.12068
FR3	.50776	-.11075	2.11234

----- FACTOR ANALYSIS -----

occu 4024

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	2.02658	67.6	67.6
FR2	1.00000	*	2	.97174	32.4	99.9
FR3	1.00000	*	3	.00168	.1	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
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FR	.23299	.97248	.00000
FR2	.99305	-.11406	-.02899
FR3	.99305	-.11411	.02899

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	2.02658	67.6	67.6
FR2	1.00000	*	2	.97174	32.4	99.9
FR3	1.00000	*	3	.00168	.1	100.0

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.11497	1.00076	.00096
FR2	.49001	-.11737	-17.24879
FR3	.49001	-.11743	17.24867

----- FACTOR ANALYSIS -----

occu 4025

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.91863	64.0	64.0
FR2	1.00000	*	2	.99911	33.3	97.3
FR3	1.00000	*	3	.08226	2.7	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	-.04328	.99906	.00101
FR2	.97902	.01959	.20281
FR3	.97891	.02459	-.20279

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.91863	64.0	64.0

FR2	1.00000	*	2	.99911	33.3	97.3
FR3	1.00000	*	3	.08226	2.7	100.0

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----- FACTOR ANALYSIS -----

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	-.02256	.99995	.01233
FR2	.51027	.01960	2.46559
FR3	.51022	.02461	-2.46531

----- FACTOR ANALYSIS -----

occu 4026

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.11519	37.2	37.2
FR2	1.00000	*	2	1.08181	36.1	73.2
FR3	1.00000	*	3	.80300	26.8	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	-.03935	.87332	.48555
FR2	.76139	-.36701	.53441
FR3	.73070	.42945	-.53070

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.11519	37.2	37.2
FR2	1.00000	*	2	1.08181	36.1	73.2
FR3	1.00000	*	3	.80300	26.8	100.0

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	-.03529	.80728	.60467
FR2	.68274	-.33925	.66552
FR3	.65523	.39697	-.66090

----- FACTOR ANALYSIS -----

occu 4029

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.85379	61.8	61.8
FR2	1.00000	*	2	.99445	33.1	94.9
FR3	1.00000	*	3	.15176	5.1	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.11195	.99369	.00682
FR2	.96018	-.04563	-.27562
FR3	.95880	-.07032	.27522

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.85379	61.8	61.8
FR2	1.00000	*	2	.99445	33.1	94.9
FR3	1.00000	*	3	.15176	5.1	100.0

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----- FACTOR ANALYSIS -----

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.06039	.99924	.04495
FR2	.51796	-.04588	-1.81614
FR3	.51721	-.07072	1.81350

----- FACTOR ANALYSIS -----

occu 4045

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.85854	62.0	62.0
FR2	1.00000	*	2	.99706	33.2	95.2
FR3	1.00000	*	3	.14440	4.8	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.07983	.99681	.00151
FR2	.96244	-.03855	-.26873
FR3	.96222	-.04415	.26867

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.85854	62.0	62.0
FR2	1.00000	*	2	.99706	33.2	95.2
FR3	1.00000	*	3	.14440	4.8	100.0

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----- FACTOR ANALYSIS -----

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.04296	.99975	.01043
FR2	.51785	-.03866	-1.86099
FR3	.51773	-.04428	1.86055

----- FACTOR ANALYSIS -----

occu 5037

Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	2.00643	66.9	66.9
FR2	1.00000	*	2	.97959	32.7	99.5
FR3	1.00000	*	3	.01398	.5	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.19973	.97985	.00019
FR2	.99148	-.09983	.08361
FR3	.99171	-.09753	-.08363

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	2.00643	66.9	66.9
FR2	1.00000	*	2	.97959	32.7	99.5
FR3	1.00000	*	3	.01398	.5	100.0

Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.09954	1.00027	.01394
FR2	.49415	-.10191	5.97863
FR3	.49427	-.09956	-5.98006

----- FACTOR ANALYSIS -----

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Analysis number 1 Listwise deletion of cases with missing values

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.31401	43.8	43.8
FR2	1.00000	*	2	.96535	32.2	76.0
FR3	1.00000	*	3	.72063	24.0	100.0

PC extracted 3 factors.

Factor Matrix:

	Factor 1	Factor 2	Factor 3
FR	.38106	.91835	.10693
FR2	.77927	-.14236	-.61030
FR3	.74936	-.31895	.58029

Final Statistics:

Variable	Communality	*	Factor	Eigenvalue	Pct of Var	Cum Pct
FR	1.00000	*	1	1.31401	43.8	43.8
FR2	1.00000	*	2	.96535	32.2	76.0
FR3	1.00000	*	3	.72063	24.0	100.0

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Skipping rotation 1 for extraction 1 in analysis 1

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3
FR	.29000	.95131	.14838
FR2	.59305	-.14747	-.84689
FR3	.57028	-.33039	.80525

ประวัติผู้วิจัย

นายเฉลิมเกียรติ จรามรบูรพวงศ์ เกิดวันที่ 26 มกราคม พ.ศ. 2514 ที่อำเภอบ้านโป่ง จังหวัดราชบุรี สำเร็จการศึกษาปริญญาตรีศึกษาศาสตร์บัณฑิต สาขาการประถมศึกษา ภาควิชาสถิติ คณะพาณิชยศาสตร์และการบัญชี จุฬาลงกรณ์มหาวิทยาลัย ในปีการศึกษา 2536 และเข้าศึกษาต่อในหลักสูตรวิทยาศาสตรมหาบัณฑิต (การประถมศึกษา) จุฬาลงกรณ์มหาวิทยาลัย เมื่อ พ.ศ. 2537

