

9.4.6.1 BETROUBAARHEIDSANALISE

STAT. Summary for scale: Mean=78.0977 Std.Dv.=14.7875 Valid N:430
 RELIABL. Cronbach alpha: .917994 Standardized alpha: .918178
 ANALYSIS Average inter-item corr.: .361015

variable	Mean if deleted	Var. if deleted	Stdv. if deleted	Item-Totl Correl.	Alpha if deleted
V1	73.74419	202.1439	14.21773	.549951	.914706
V2	74.00233	199.3233	14.11819	.570843	.914127
V3	74.19302	198.6953	14.09593	.528972	.915063
V4	73.90697	203.9634	14.28158	.463119	.916300
V5	74.06977	200.2696	14.15166	.520300	.915194
V6	74.20465	197.3302	14.04743	.634405	.912773
V7	74.35349	196.8378	14.02989	.593479	.913572
V8	74.32790	197.8390	14.06553	.541874	.914792
V9	74.12093	198.4412	14.08692	.537437	.914867
V10	74.17907	197.2586	14.04488	.593526	.913580
V11	74.23256	195.7273	13.99026	.628195	.912771
V12	74.23023	195.0330	13.96542	.632043	.912656
V13	74.41396	196.4007	14.01431	.583009	.913821
V14	74.29768	195.2509	13.97322	.634694	.912606
V15	74.22558	199.6770	14.13071	.525267	.915101
V16	74.42791	198.4541	14.08737	.501651	.915833
V17	74.18140	194.3624	13.94139	.658834	.912031
V18	74.22093	195.4977	13.98205	.584576	.913812
V19	74.28605	196.9438	14.03367	.569197	.914146
V20	74.23721	195.3809	13.97787	.617950	.912988

STAT. Correlations (p delpport.sta)
 RELIABL.
 ANALYSIS

variable	V1	V2	V3	V4	V5	V6	V7	V8	V9	V10
V1	1.00	.46	.38	.31	.36	.39	.35	.27	.37	.33
V2	.46	1.00	.35	.31	.29	.41	.37	.34	.35	.38
V3	.38	.35	1.00	.21	.26	.39	.35	.30	.31	.38
V4	.31	.31	.21	1.00	.33	.36	.35	.26	.41	.34
V5	.36	.29	.26	.33	1.00	.36	.32	.30	.40	.36
V6	.39	.41	.39	.36	.36	1.00	.46	.38	.31	.46
V7	.35	.37	.35	.35	.32	.46	1.00	.40	.41	.40
V8	.27	.34	.30	.26	.30	.38	.40	1.00	.36	.37
V9	.37	.35	.31	.41	.40	.31	.41	.36	1.00	.31
V10	.33	.38	.38	.34	.36	.46	.40	.37	.31	1.00
V11	.36	.42	.31	.35	.41	.49	.44	.32	.34	.36
V12	.33	.37	.36	.34	.39	.43	.40	.39	.37	.39
V13	.32	.30	.32	.28	.27	.45	.35	.35	.32	.40
V14	.34	.39	.35	.33	.35	.40	.43	.34	.39	.43
V15	.33	.31	.27	.23	.28	.31	.28	.28	.25	.29
V16	.25	.38	.29	.23	.24	.31	.30	.29	.23	.42
V17	.39	.37	.35	.29	.31	.45	.38	.43	.38	.39
V18	.35	.35	.33	.21	.32	.45	.32	.43	.36	.33
V19	.36	.33	.43	.19	.35	.31	.37	.31	.28	.35
V20	.33	.34	.39	.27	.36	.40	.39	.31	.32	.38

variable	V11	V12	V13	V14	V15	V16	V17	V18	V19	V20
V1	.36	.33	.32	.34	.33	.25	.39	.35	.36	.33
V2	.42	.37	.30	.39	.31	.38	.37	.35	.33	.34
V3	.31	.36	.32	.35	.27	.29	.35	.33	.43	.39
V4	.35	.34	.28	.33	.23	.23	.29	.21	.19	.27
V5	.41	.39	.27	.35	.28	.24	.31	.32	.35	.36
V6	.49	.43	.45	.40	.31	.31	.45	.45	.31	.40
V7	.44	.40	.35	.43	.28	.30	.38	.32	.37	.39
V8	.32	.39	.35	.34	.28	.29	.43	.43	.31	.31
V9	.34	.37	.32	.39	.25	.23	.38	.36	.28	.32
V10	.36	.39	.40	.43	.29	.42	.39	.33	.35	.38
V11	1.00	.41	.41	.47	.42	.38	.42	.34	.36	.46
V12	.41	1.00	.41	.40	.34	.40	.49	.44	.39	.43
V13	.41	.41	1.00	.40	.46	.33	.47	.40	.34	.35
V14	.47	.40	.40	1.00	.41	.28	.43	.39	.48	.48
V15	.42	.34	.46	.41	1.00	.35	.41	.28	.37	.38
V16	.38	.40	.33	.28	.35	1.00	.38	.35	.31	.28
V17	.42	.49	.47	.43	.41	.38	1.00	.52	.41	.49
V18	.34	.44	.40	.39	.28	.35	.52	1.00	.33	.44
V19	.36	.39	.34	.48	.37	.31	.41	.33	1.00	.49
V20	.46	.43	.35	.48	.38	.28	.49	.44	.49	1.00

STAT. Means and Standard Deviations (p delpport.sta)
 RELIABL.
 ANALYSIS

variable	mean	st. dev.
V1	4.353488	.965935
V2	4.095349	1.095754
V3	3.904651	1.209028
V4	4.190698	.999257
V5	4.027907	1.129871
V6	3.893023	1.102105
V7	3.744186	1.196207
V8	3.769767	1.234892
V9	3.976744	1.207752
V10	3.918605	1.172878
V11	3.865116	1.196515
V12	3.867442	1.226594
V13	3.683721	1.239394
V14	3.800000	1.210675
V15	3.872093	1.156682
V16	3.669767	1.280212
V17	3.916279	1.216616
V18	3.876744	1.286896
V19	3.811628	1.234453
V20	3.860465	1.232455

STATISTICA: Factor Analysis

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data file: P DELPORT.STA [430 cases with 28 variables]
 430 cases were processed (selected)
 430 valid cases were accepted
 Correlation matrix was computed for 20 variables

Number of variables:20
 Method: Principal components
 log(10) determinant of correlation matrix: -3.2308
 Number of factors extracted: 2
 Eigenvalues: 7.87450 1.09343

STAT. Eigenvalues (p delpport.sta)
 FACTOR Extraction: Principal components
 ANALYSIS

Value	Eigenval	% total Variance	Cumul. Eigenval	Cumul. %
1	7.874495	39.37248	7.874495	39.37248
2	1.093431	5.46716	8.967926	44.83963

STATISTICA: Factor Analysis

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STAT. Communalities (p delpport.sta)
 FACTOR Extraction: Principal components
 ANALYSIS Rotation: Unrotated

Variable	From 1 Factor	From 2 Factors	Multiple R-Square
V1	.363661	.397550	.365866
V2	.389390	.403626	.376414
V3	.339388	.354894	.328146
V4	.266636	.571318	.291605
V5	.329297	.415445	.331651
V6	.471641	.478589	.463441
V7	.417798	.461413	.391749
V8	.352249	.353199	.338807
V9	.348499	.532514	.366322
V10	.415167	.416769	.405898
V11	.463127	.464140	.453898
V12	.463641	.465197	.418313
V13	.403647	.450149	.398983
V14	.470034	.472680	.449582
V15	.333502	.436086	.355832
V16	.306387	.359304	.331638
V17	.499770	.541138	.477959
V18	.405905	.432363	.425093
V19	.385782	.469587	.409654

V20 .448972 .491964 .444649

STAT. Factor Loadings (Varimax raw) (p delpport.sta)
 FACTOR Extraction: Principal components
 ANALYSIS (Marked loadings are > .700000)

Variable	Factor 1	Factor 2	
V1	.359132	.518242	
V2	.415736	.480405	
V3	.534351	.263369	
V4	.063088	.753219	*
V5	.268398	.586010	
V6	.487268	.491079	
V7	.377793	.564522	
V8	.446639	.392062	
V9	.197380	.702535	*
V10	.480830	.430780	
V11	.514325	.446777	
V12	.558789	.391091	
V13	.632234	.224566	
V14	.569898	.384572	
V15	.651708	.106600	
V16	.576955	.162565	
V17	.680836	.278569	
V18	.600785	.267246	
V19	.666848	.157802	
V20	.654337	.252601	
Expl.Var	5.269362	3.698564	
Prp.Totl	.263468	.184928	