

Aplikasi SEM-PLS

a. Karakteristik Responden

SmartPLS 4

SmartPLS Edit Themes

Back Setup Derive indicators Add group Generate groups Clear groups Export to Excel / CSV

jenis kelamin

Indicators

Indicators 4

Samples 185

Missing values 0

Indicators

Correlations

Data groups

Raw data

Name	No.	Type	Missings	Mean	Median	Scale min	Scale max	Observed min	Observed max	Standard deviation	Excess kurtosis	Skewness	Cramér-von Mises p
Jenis Kelamin	1	Q1	0	1.789	2.000	1.000	2.000	1.000	2.000	0.408	0.044	-1.430	
Usia	2	MET	0	2.546	3.000	1.000	4.000	1.000	4.000	0.863	-0.664	0.060	
Masa Kerja	3	MET	0	3.038	4.000	1.000	5.000	1.000	5.000	1.512	-1.501	-0.169	
Unit Kerja	4	MET	0	4.303	5.000	1.000	7.000	1.000	7.000	2.094	-1.328	-0.268	

© SmartPLS 4.1.1.8

Reset 100%

SmartPLS 4

SmartPLS Edit Themes

Back Setup Derive indicators Add group Generate groups Clear groups Export to Excel / CSV

Kepuasan SEM

Indicators

Indicators 33

Samples 185

Missing values 0

Indicators

Correlations

Data groups

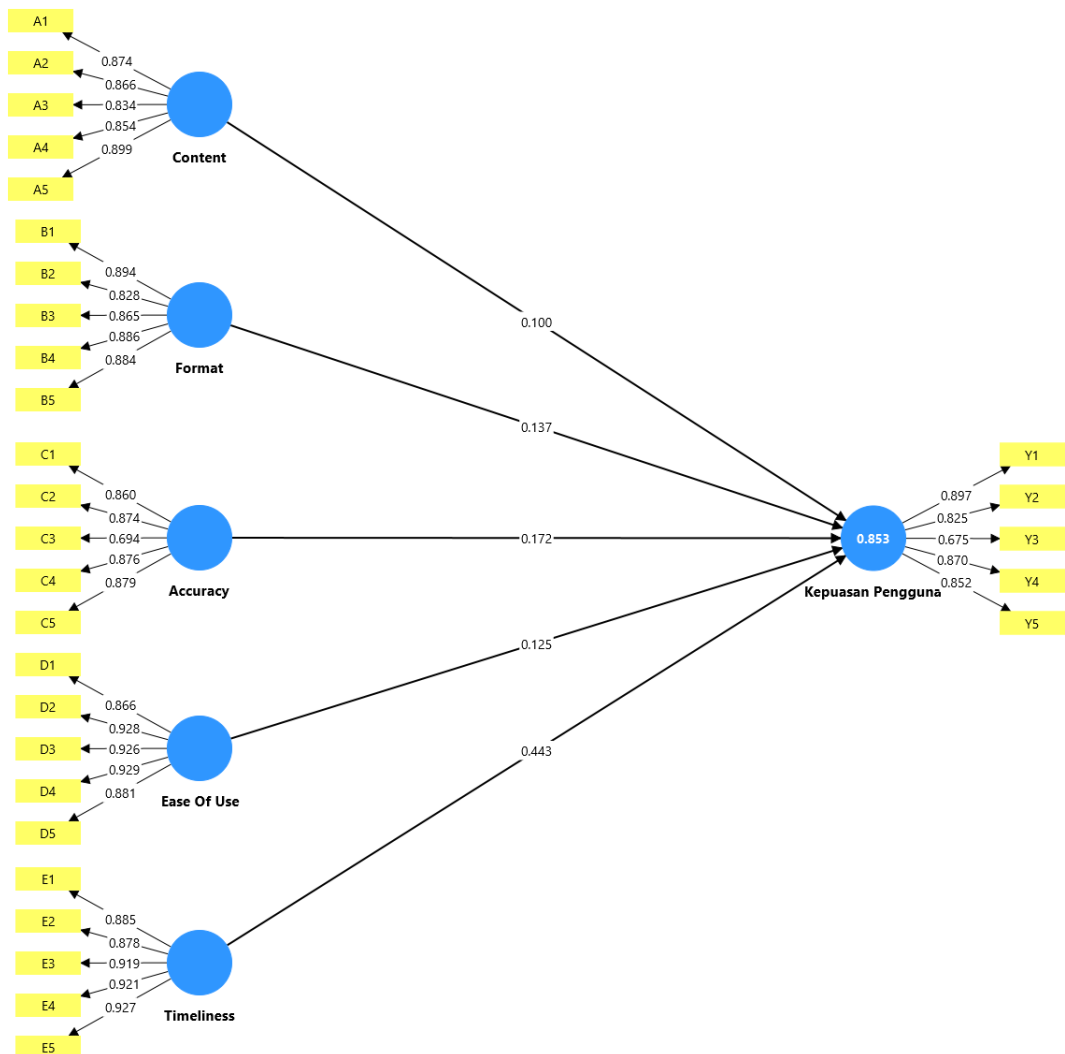
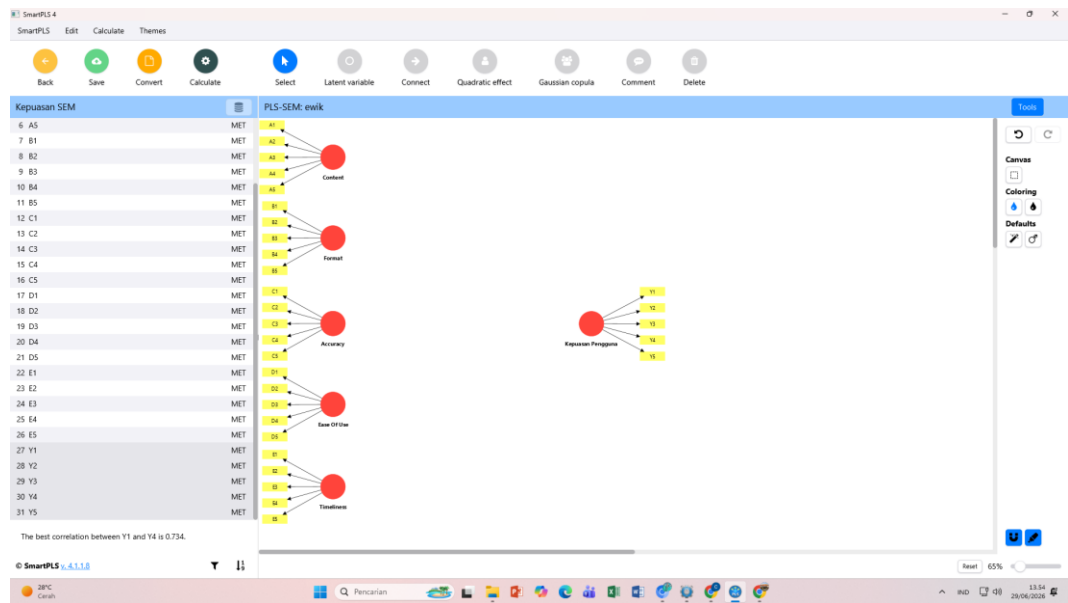
Raw data

Name	No.	Type	Missings	Mean	Median	Scale min	Scale max	Observed min	Observed max	Standard deviation	Excess kurtosis
No.	1	MET	0	93.000	93.000	1.000	185.000	1.000	185.000	53.404	-1.200
Unit Kerja	2	TEXT	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
A1	3	MET	0	4.184	4.000	2.000	5.000	2.000	5.000	0.578	0.568
A2	4	MET	0	4.130	4.000	2.000	5.000	2.000	5.000	0.677	1.566
A3	5	MET	0	4.222	4.000	1.000	5.000	1.000	5.000	0.657	3.582
A4	6	MET	0	4.092	4.000	2.000	5.000	2.000	5.000	0.630	1.009
A5	7	MET	0	4.195	4.000	2.000	5.000	2.000	5.000	0.574	1.446
B1	8	MET	0	4.081	4.000	2.000	5.000	2.000	5.000	0.632	1.937
B2	9	MET	0	4.103	4.000	2.000	5.000	2.000	5.000	0.645	1.704
B3	10	MET	0	4.168	4.000	2.000	5.000	2.000	5.000	0.559	1.754
B4	11	MET	0	4.130	4.000	2.000	5.000	2.000	5.000	0.592	1.809
B5	12	MET	0	4.173	4.000	2.000	5.000	2.000	5.000	0.562	1.686
C1	13	MET	0	4.173	4.000	2.000	5.000	2.000	5.000	0.590	2.647
C2	14	MET	0	4.259	4.000	2.000	5.000	2.000	5.000	0.538	2.243
C3	15	MET	0	3.643	4.000	1.000	5.000	1.000	5.000	0.914	0.190
C4	16	MET	0	4.070	4.000	2.000	5.000	2.000	5.000	0.624	1.569
C5	17	MET	0	4.146	4.000	2.000	5.000	2.000	5.000	0.555	1.843
D1	18	MET	0	4.135	4.000	2.000	5.000	2.000	5.000	0.538	2.242
D2	19	MET	0	4.108	4.000	2.000	5.000	2.000	5.000	0.597	1.679
D3	20	MET	0	4.086	4.000	2.000	5.000	2.000	5.000	0.618	2.289
D4	21	MET	0	4.119	4.000	2.000	5.000	2.000	5.000	0.594	2.403
D5	22	MET	0	4.114	4.000	1.000	5.000	1.000	5.000	0.627	4.628
E1	23	MET	0	4.081	4.000	2.000	5.000	2.000	5.000	0.673	1.099
E2	24	MET	0	4.108	4.000	2.000	5.000	2.000	5.000	0.640	1.833
E3	25	MET	0	4.086	4.000	2.000	5.000	2.000	5.000	0.618	1.216
E4	26	MET	0	4.146	4.000	2.000	5.000	2.000	5.000	0.546	2.063

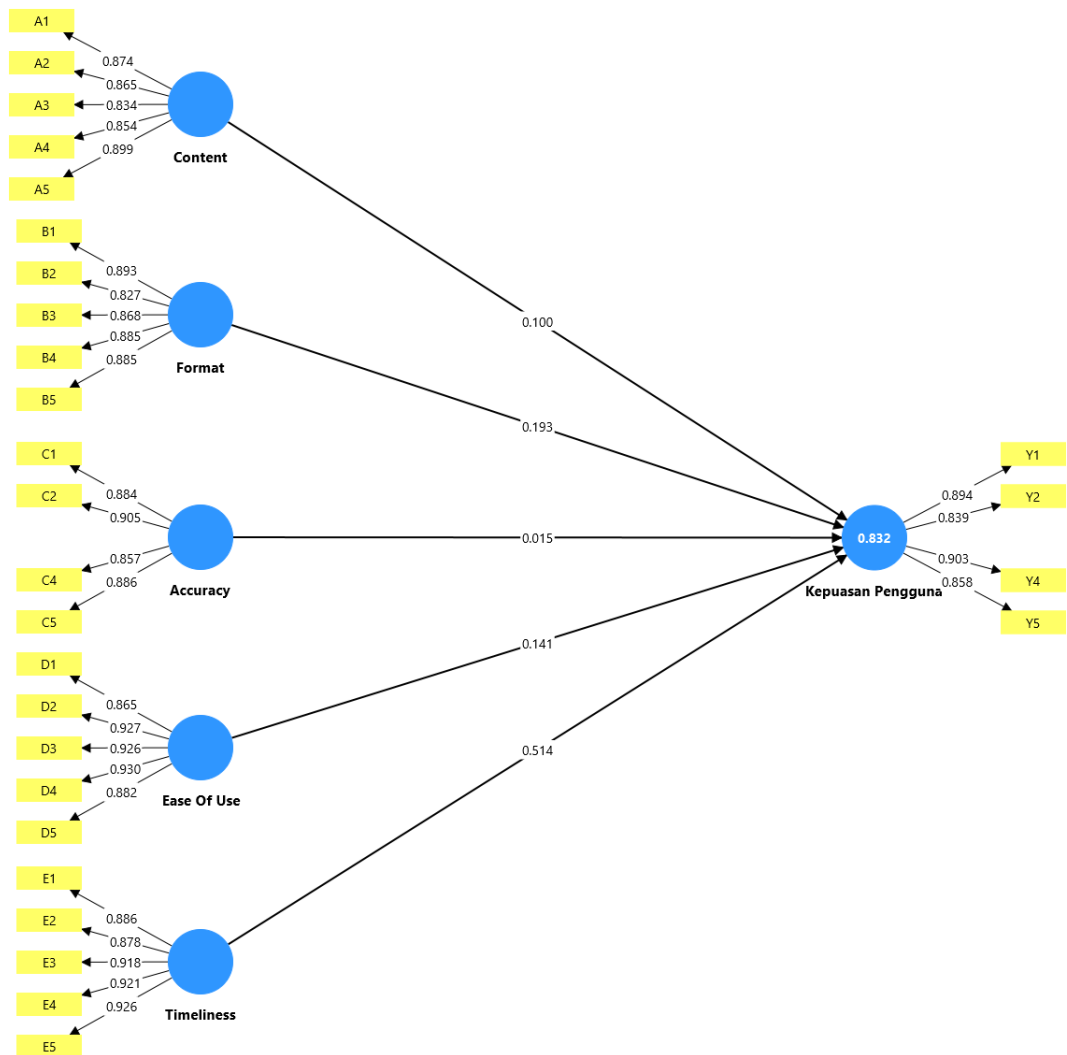
© SmartPLS 4.1.1.8

Reset 100%

b. Tahap Awal



c. Uji Convergent Validity



d. Outer Loading

SmartPLS 4

SmartPLS Export Themes

Edit Save Excel HTML Create data file Compare

PLS-SEM algorithm

Graphical output

Final results

Path coefficients

Indirect effects

Total effects

Outer loadings

Matrix

List

Outer weights

Latent variables

Residuals

Quality criteria

R-square

f-square

Construct reliability and validity

Discriminant validity

Heterotrait-monotrait ratio (HTMT) - Matrix

Heterotrait-monotrait ratio (HTMT) - List

Heterotrait-monotrait ratio (HTMT) - Bar chart

Fornell-Larcker criterion

Cross loadings

Collinearity statistics (VIP)

Model fit

Model selection criteria

Algorithm

Setting

Stop criterion changes

Outer loadings - Matrix

Copy to Excel/Word Copy to R

	Accuracy	Content	Ease Of Use	Format	Kepuasan Pengguna	Timeliness
A1		0.974				
A2		0.965				
A3		0.934				
A4		0.954				
A5		0.899				
B1				0.993		
B2				0.927		
B3				0.968		
B4				0.985		
B5				0.885		
C1	0.894					
C2	0.905					
C4	0.857					
C5	0.886					
D1			0.865			
D2			0.927			
D3			0.926			
D4			0.930			
D5			0.882			
E1					0.886	
E2					0.878	
E3					0.918	
E4					0.921	
E5					0.926	
Y1					0.894	
Y2					0.839	

SmartPLS v4.1.1.8

100%

29/06/2024

e. AVE

SmartPLS 4

SmartPLS Export Themes

Edit Save Excel HTML Create data file Compare

PLS-SEM algorithm

Graphical output

Final results

Path coefficients

Indirect effects

Total effects

Outer loadings

Matrix

List

Outer weights

Latent variables

Residuals

Quality criteria

R-square

f-square

Construct reliability and validity

Overview

Cronbach's alpha - Bar chart

Composite reliability (rho_a) - Bar chart

Composite reliability (rho_c) - Bar chart

Average variance extracted (AVE) - Bar chart

Discriminant validity

Heterotrait-monotrait ratio (HTMT) - Matrix

Heterotrait-monotrait ratio (HTMT) - List

Heterotrait-monotrait ratio (HTMT) - Bar chart

Fornell-Larcker criterion

Cross loadings

Collinearity statistics (VIP)

Construct reliability and validity - Overview

Copy to Excel/Word Copy to R

	Cronbach's alpha	Composite reliability (rho_a)	Composite reliability (rho_c)	Average variance extracted (AVE)
Accuracy	0.906	0.906	0.924	0.760
Content	0.916	0.919	0.937	0.749
Ease Of Use	0.946	0.947	0.958	0.822
Format	0.921	0.924	0.941	0.760
Kepuasan Pengguna	0.896	0.898	0.928	0.763
Timeliness	0.945	0.946	0.958	0.821

SmartPLS v4.1.1.8

100%

29/06/2024

f. Cross Loading

SmartPLS 4

SmartPLS Export Themes

Edit Save Excel HTML Create data file Compare

PLS-SEM algorithm

Graphical output

Final results

Path coefficients

Indirect effects

Total effects

Outer loadings

Outer weights

Latent variables

Residuals

Quality criteria

R-square

F-square

Construct reliability and validity

Discriminant validity

Heterotrait-monotrait ratio (HTMT) - Matrix

Heterotrait-monotrait ratio (HTMT) - List

Heterotrait-monotrait ratio (HTMT) - Bar chart

Fornell-Larcker criterion

Cross loadings

Collinearity statistics (VIP)

Model fit

Model selection criteria

Algorithm

Setting

Stop criterion changes

Post-hoc power analysis

Execution log

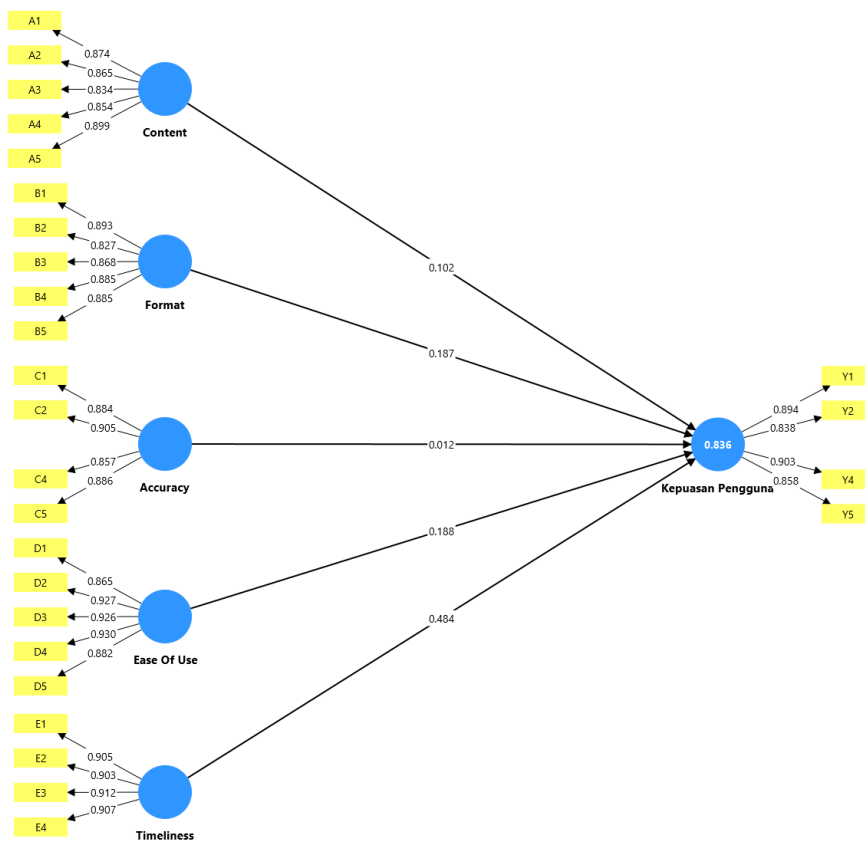
Discriminant validity - Cross loadings

	Accuracy	Content	Ease Of Use	Format	Kepuasan Pengguna	Timeliness
A1	0.692	0.874	0.583	0.705	0.675	0.642
A2	0.645	0.865	0.700	0.660	0.646	0.641
A3	0.680	0.834	0.630	0.698	0.637	0.605
A4	0.698	0.854	0.716	0.715	0.659	0.653
A5	0.750	0.899	0.748	0.738	0.727	0.674
B1	0.757	0.697	0.739	0.893	0.686	0.683
B2	0.703	0.588	0.686	0.827	0.670	0.666
B3	0.673	0.743	0.667	0.868	0.720	0.660
B4	0.847	0.755	0.825	0.885	0.765	0.765
B5	0.795	0.748	0.778	0.885	0.789	0.782
C1	0.884	0.636	0.752	0.745	0.723	0.769
C2	0.905	0.734	0.794	0.782	0.758	0.779
C4	0.857	0.757	0.798	0.741	0.728	0.739
C5	0.886	0.704	0.766	0.800	0.737	0.731
D1	0.773	0.804	0.865	0.772	0.762	0.732
D2	0.831	0.753	0.927	0.768	0.770	0.811
D3	0.823	0.726	0.926	0.770	0.784	0.795
D4	0.819	0.716	0.930	0.804	0.831	0.848
D5	0.742	0.648	0.882	0.737	0.762	0.787
E1	0.759	0.645	0.740	0.732	0.798	0.905
E2	0.743	0.632	0.738	0.737	0.778	0.903
E3	0.821	0.691	0.849	0.748	0.807	0.912
E4	0.773	0.725	0.849	0.752	0.832	0.907
Y1	0.794	0.727	0.773	0.769	0.894	0.769
Y2	0.747	0.691	0.732	0.732	0.838	0.686
Y4	0.697	0.688	0.802	0.756	0.903	0.786

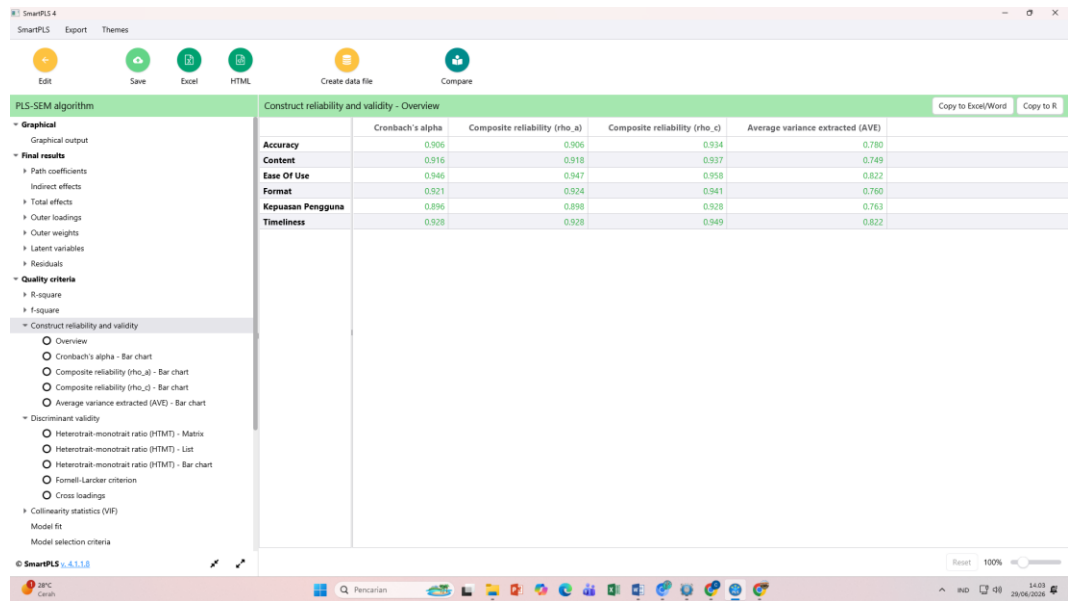
SmartPLS v4.1.1.8

Reset 100%

g. Uji Discriminant Validity



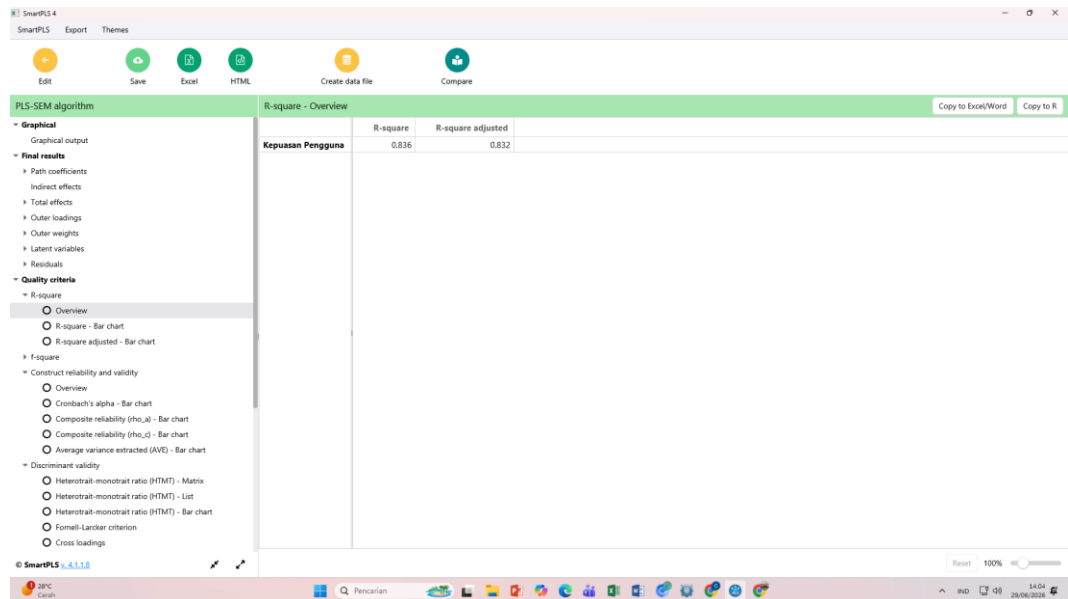
h. Cronbach's Alpha dan Composite Reliability



The screenshot shows the 'Construct reliability and validity - Overview' section of the SmartPLS 4 software. The left sidebar lists various analysis options under 'PLS-SEM algorithm', including 'Graphical', 'Final results', 'Quality criteria', and 'Construct reliability and validity'. The main panel displays a table with the following data:

	Cronbach's alpha	Composite reliability (rho_a)	Composite reliability (rho_c)	Average variance extracted (AVE)
Accuracy	0.906	0.906	0.934	0.780
Content	0.916	0.918	0.937	0.749
Ease Of Use	0.946	0.947	0.958	0.822
Format	0.921	0.924	0.941	0.760
Kepuasan Pengguna	0.896	0.898	0.928	0.763
Timeliness	0.928	0.928	0.949	0.822

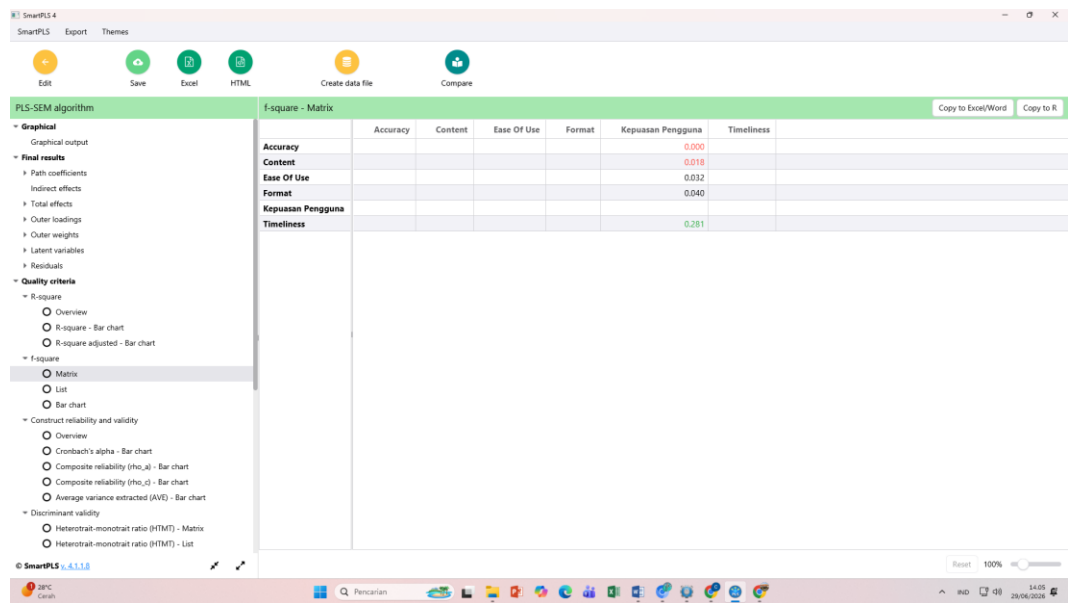
i. R Square (R^2)



The screenshot shows the 'R-square - Overview' section of the SmartPLS 4 software. The left sidebar is identical to the previous screenshot. The main panel displays a table with the following data:

	R-square	R-square adjusted
Kepuasan Pengguna	0.836	0.832

j. F Square (f^2)



k. Bootstrapping Path Coefficient

