

BAB VI

KESIMPULAN dan SARAN

6.1. Kesimpulan

Dari hasil analisis regresi pada arah utara – selatan persamaan model yang paling baik adalah $Y = 27,440 - 0,0285.X_1 - 0,147.X_3 - 0,114.X_4 + 0,0827.X_6$ dengan hasil uji statistik $R^2 = 0,891$, $F = 31,970$ dan *Std Error of the estimate* = 0,8654, sehingga dari persamaan diatas faktor hambatan samping yang berpengaruh terhadap variasi kecepatan tempuh pada jalan C. Simanjuntak adalah faktor kendaraan ringan berhenti, kendaraan berat berhenti, dan kendaraan keluar jalan , sedangkan untuk arah selatan – utara persamaan model yang paling baik adalah $Y = 26,493 - 0,029.X_1 - 0,04745.X_2 - 0,06827.X_3 - 0,0266.X_5 + 0,00058.X_6 - 0,00275.X_7$ dengan hasil uji statistik $R^2 = 0,958$, $F = 63,836$ dan *Std Error of the estimate* = 0,4360, sehingga dari persamaan diatas faktor hambatan samping yang berpengaruh terhadap variasi kecepatan tempuh pada jalan C. Simanjuntak adalah faktor pejalan kaki, kendaraan ringan berhenti, kendaraan tak bermotor, kendaraan keluar jalan dan kendaraan masuk jalan.

Dalam perhitungan MKJI 1997 pada tabel 5.11 terlihat bahwa kondisi paling bagus adalah tanpa kendaraan ringan berhenti (LV.B), kendaraan berat berhenti (HV.B) dan tanpa kendaraan tak bermotor (KTB). Hal ini terlihat dengan adanya peningkatan kecepatan 5 km/jam dari 34 km/jam menjadi 39 km/jam serta penurunan nilai derajat kejenuhan sebesar 0,1 dari 0,7 pada kondisi eksisting menjadi 0,6.

Hipotesis awal bahwa aktivitas samping jalan C.Simanjuntak menyebabkan gejala terjadinya kecepatan arus berubah – ubah, sehingga sangat potensial untuk terjadinya kemacetan adalah benar. Hal ini dikarenakan :

- Lebar jalur yang relatif kecil dengan bangunan berkontruksi kuat di kiri kanan jalan.
- Kendaraan parkir pada kiri kanan jalan semakin mengurangi lebar jalur efektif untuk arus lalu lintas yang melewati jalur tersebut.
- Kendaraan berhenti (terutama bis kota) yang berhenti untuk menurunkan dan menaikkan penumpang pada jalur tengah.
- Banyaknya kendaraan tak bermotor.

Sehingga menimbulkan kecepatan arus yang berubah – ubah yang pada akhirnya menimbulkan kemacetan pada jalan C. Simanjuntak.

6.2. Saran

- Perlu adanya kantong parkir yang dapat menampung parkir kendaraan pada kiri kanan jalan C. Simanjuntak yang ada.
- Perlu adanya peninjauan kembali dalam hitungan MKJI 1997 antara lain pemisahan faktor bobot untuk kendaraan berhenti (terutama bis kota) dengan kendaraan ringan parkir agar dapat diketahui besar hambatan samping sesungguhnya. Faktor bobot untuk kendaraan berat berhenti seharusnya lebih besar dari pada kendaraan ringan berhenti/parkir

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Correlations

Nilai korelasi dari tiap variabel (arah utara - selatan)

	V	ARUS	PK	LVB	HVB	KTB	KKJ	KMJ
V	1,000	-,963**	,007	-,502*	-,240	-,964**	-,555**	-,565**
Pearson Correlation								
Sig. (2-tailed)		,000	,974	,012	,259	,000	,005	,004
N	24	24	24	24	24	24	24	24
ARUS	-,963**	1,000	,066	,343	,401	,955**	,490*	-,566**
Pearson Correlation								
Sig. (2-tailed)	,000		,758	,101	,052	,000	,015	,004
N	24	24	24	24	24	24	24	24
PK	,007	,066	1,000	-,166	,594**	,077	,167	-,154
Pearson Correlation								
Sig. (2-tailed)	,974	,758		,440	,002	,720	,435	,471
N	24	24	24	24	24	24	24	24
LVB	-,502*	,343	-,166	1,000	-,105	,193	,181	-,199
Pearson Correlation								
Sig. (2-tailed)	,012	,101	,440		,626	,367	,397	,350
N	24	24	24	24	24	24	24	24
HVB	-,240	,401	,594**	-,105	1,000	,355	,259	-,323
Pearson Correlation								
Sig. (2-tailed)	,259	,052	,002	,626		,088	,222	,124
N	24	24	24	24	24	24	24	24
KTB	-,964**	,955**	,077	1,000	,355	1,000	,502*	-,360
Pearson Correlation								
Sig. (2-tailed)	,000	,000	,720	,367	,088		,012	,084
N	24	24	24	24	24	24	24	24
KKJ	-,555**	,490*	,167	,181	,259	,502*	1,000	-,198
Pearson Correlation								
Sig. (2-tailed)	,005	,015	,435	,397	,222	,012		,354
N	24	24	24	24	24	24	24	24
KMJ	-,565**	-,566**	-,154	-,199	-,323	-,360	-,198	1,000
Pearson Correlation								
Sig. (2-tailed)	,004	,004	,471	,350	,124	,084	,354	
N	24	24	24	24	24	24	24	24

**. Correlation is significant at the 0.01 level (2-tailed).

*. Correlation is significant at the 0.05 level (2-tailed).

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,896 ^a	,803	,794	1,0033

a. Predictors: (Constant), ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	90,424	1	90,424	89,837	,000 ^a
	Residual	22,144	22	1,007		
	Total	112,567	23			

a. Predictors: (Constant), ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	26,324	,971		27,100	,000
	ARUS	-3,221E-02	,003	-,896	-9,478	,000

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	PK, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,899 ^a	,808	,789	1,0152

a. Predictors: (Constant), PK, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	90,923	2	45,462	44,109	,000 ^a
	Residual	21,644	21	1,031		
	Total	112,567	23			

a. Predictors: (Constant), PK, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	26,264	,987		26,621	,000
	ARUS	-3,237E-02	,003	-,901	-9,392	,000
	PK	3,387E-03	,005	,067	,696	,494

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	LVB, PK, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,920 ^a	,847	,824	,9281

a. Predictors: (Constant), LVb, PK, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	95,339	3	31,780	36,892	,000 ^a
	Residual	17,229	20	,861		
	Total	112,567	23			

a. Predictors: (Constant), LVb, PK, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	29,073	1,534		18,956	,000
	ARUS	-2,962E-02	,003	-,824	-8,770	,000
	PK	1,323E-03	,005	,026	,291	,774
	LVB	-,166	,073	-,215	-2,264	,035

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	LVB, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,920 ^a	,846	,832	,9077

a. Predictors: (Constant), LVB, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	95,266	2	47,633	57,815	,000 ^a
	Residual	17,302	21	,824		
	Total	112,567	23			

a. Predictors: (Constant), LVB, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	29,168	1,466		19,899	,000
	ARUS	-2,949E-02	,003	-,820	-9,008	,000
	LVB	-,170	,070	-,221	-2,424	,024

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	HVB, LVB, ^a ARUS, PK		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,923 ^a	,853	,821	,9347

a. Predictors: (Constant), HVB, LVB, ARUS, PK

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	95,968	4	23,992	27,462	,000 ^a
	Residual	16,599	19	,874		
	Total	112,567	23			

a. Predictors: (Constant), HVB, LVB, ARUS, PK

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	27,543	2,374		11,600	,000
	ARUS	-3,123E-02	,004	-,869	-8,024	,000
	PK	-1,586E-03	,006	-,031	-,278	,784
	LVB	-,153	,075	-,198	-2,027	,057
	HVB	,122	,144	,106	,849	,407

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	HVB, ARUS, PK ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,906 ^a	,821	,794	1,0047

a. Predictors: (Constant), HVB, ARUS, PK

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	92,378	3	30,793	30,504	,000 ^a
	Residual	20,189	20	1,009		
	Total	112,567	23			

a. Predictors: (Constant), HVB, ARUS, PK

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	24,316	1,894		12,839	,000
	ARUS	-3,444E-02	,004	-,958	-9,014	,000
	PK	-1,183E-03	,006	-,023	-,193	,849
	HVB	,182	,151	,158	1,200	,244

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	HVB, LVB, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,923 ^a	,852	,830	,9129

a. Predictors: (Constant), HVB, LVB, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	95,901	3	31,967	38,361	,000 ^a
	Residual	16,667	20	,833		
	Total	112,567	23			

a. Predictors: (Constant), HVB, LVB, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	27,770	2,176		12,759	,000
	ARUS	-3,101E-02	,004	-,863	-8,325	,000
	LVB	-,152	,073	-,197	-2,067	,052
	HVB	9,815E-02	,112	,085	,873	,393

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	HVB, ^a ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,906 ^a	,820	,803	,9814

a. Predictors: (Constant), HVB, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	92,340	2	46,170	47,935	,000 ^a
	Residual	20,227	21	,963		
	Total	112,567	23			

a. Predictors: (Constant), HVB, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	24,498	1,606		15,257	,000
	ARUS	-3,427E-02	,004	-,953	-9,442	,000
	HVB	,164	,116	,142	1,411	,173

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KKJ, PK, LVB, ARUS ^a , HVB		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,933 ^a	,871	,835	,8993

a. Predictors: (Constant), KKJ, PK, LVB, ARUS, HVB

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	98,009	5	19,602	24,237	,000 ^a
	Residual	14,558	18	,809		
	Total	112,567	23			

a. Predictors: (Constant), KKJ, PK, LVB, ARUS, HVB

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	27,389	2,286		11,979	,000
	ARUS	-2,857E-02	,004	-,795	-6,969	,000
	PK	-3,730E-04	,006	-,007	-,067	,947
	LVB	-,147	,073	-,192	-2,034	,057
	HVB	,119	,138	,104	,861	,401
	KKJ	-8,226E-03	,005	-,157	-1,589	,130

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KKJ, PK, LVB, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,930 ^a	,865	,837	,8932

a. Predictors: (Constant), KKJ, PK, LVB, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	97,410	4	24,352	30,526	,000 ^a
	Residual	15,157	19	,798		
	Total	112,567	23			

a. Predictors: (Constant), KKJ, PK, LVB, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	28,881	1,481		19,504	,000
	ARUS	-2,699E-02	,004	-,751	-7,418	,000
	PK	2,474E-03	,004	,049	,559	,583
	LVB	-,160	,071	-,208	-2,272	,035
	KKJ	-8,285E-03	,005	-,158	-1,611	,124

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KKJ, PK, ARUS ^a , HVB		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,917 ^a	,841	,807	,9707

a. Predictors: (Constant), KKJ, PK, ARUS, HVB

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	94,665	4	23,666	25,117	,000 ^a
	Residual	17,902	19	,942		
	Total	112,567	23			

a. Predictors: (Constant), KKJ, PK, ARUS, HVB

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	24,269	1,830		13,261	,000
	ARUS	-3,152E-02	,004	-,877	-7,614	,000
	PK	8,489E-05	,006	,002	,014	,989
	HVB	,176	,146	,154	1,206	,242
	KKJ	-8,698E-03	,006	-,166	-1,558	,136

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KKJ, LVB, HVB, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,933 ^a	,891	,843	,8654

a. Predictors: (Constant), KKJ, LVB, HVB, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	98,006	4	24,501	31,970	,000 ^a
	Residual	14,562	19	,766		
	Total	112,567	23			

a. Predictors: (Constant), LVB, HVB, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	27,440	2,097		13,088	,000
	ARUS	-2,851E-02	,004	-,793	-7,350	,000
	LVB	-,147	,071	-,191	-2,088	,051
	HVB	-,114	,108	,099	-1,950	,307
	KKJ	8,274E-03	,005	-,157	1,657	,114

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KKJ, PK, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,910 ^a	,829	,803	,9817

a. Predictors: (Constant), KKJ, PK, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	93,293	3	31,098	32,270	,000 ^a
	Residual	19,274	20	,964		
	Total	112,567	23			

a. Predictors: (Constant), KKJ, PK, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	26,159	,956		27,352	,000
	ARUS	-2,946E-02	,004	-,820	-7,722	,000
	PK	4,544E-03	,005	,090	,954	,351
	KKJ	-8,852E-03	,006	-,168	-1,568	,133

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KKJ, LVB, ARUS		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,929 ^a	,863	,843	,8777

a. Predictors: (Constant), KKJ, LVB, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	97,161	3	32,387	42,044	,000 ^a
	Residual	15,406	20	,770		
	Total	112,567	23			

a. Predictors: (Constant), KKJ, LVB, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	29,064	1,419		20,484	,000
	ARUS	-2,690E-02	,004	-,748	-7,531	,000
	LVB	-,168	,068	-,219	-2,482	,022
	KKJ	-7,822E-03	,005	-,149	-1,569	,132

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KKJ, HVB, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,917 ^a	,841	,817	,9461

a. Predictors: (Constant), KKJ, HVB, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	94,665	3	31,555	35,252	,000 ^a
	Residual	17,903	20	,895		
	Total	112,567	23			

a. Predictors: (Constant), KKJ, HVB, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	24,256	1,555		15,597	,000
	ARUS	-3,154E-02	,004	-,877	-8,110	,000
	HVB	,178	,112	,155	1,585	,129
	KKJ	-8,687E-03	,005	-,165	-1,611	,123

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, PK, KKJ, LVB, HVB, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,938 ^a	,880	,838	,8914

a. Predictors: (Constant), KMJ, PK, KKJ, LVB, HVB, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	99,058	6	16,510	20,776	,000 ^a
	Residual	13,509	17	,795		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, PK, KKJ, LVB, HVB, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	26,245	2,475		10,602	,000
	ARUS	-2,608E-02	,005	-,726	-5,662	,000
	PK	2,746E-04	,006	,005	,050	,961
	LVB	-,143	,072	-,186	-1,986	,063
	HVB	,128	,137	,112	,933	,364
	KKJ	-9,040E-03	,005	-,172	-1,745	,099
	KMJ	6,898E-03	,006	,120	1,149	,266

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, PK, KKJ, HVB, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,923 ^a	,852	,811	,9616

a. Predictors: (Constant), KMJ, PK, KKJ, HVB, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	95,923	5	19,185	20,747	,000 ^a
	Residual	16,644	18	,925		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, PK, KKJ, HVB, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	23,122	2,062		11,211	,000
	ARUS	-2,870E-02	,005	-,798	-6,026	,000
	PK	7,780E-04	,006	,015	,131	,898
	HVB	,184	,145	,161	1,271	,220
	KKJ	-9,572E-03	,006	-,182	-1,715	,103
	KMJ	7,544E-03	,006	,131	1,167	,259

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, PK, KKJ, LVB, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,935 ^a	,874	,839	,8882

a. Predictors: (Constant), KMJ, PK, KKJ, LVB, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	98,367	5	19,673	24,938	,000 ^a
	Residual	14,200	18	,789		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, PK, KKJ, LVB, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	27,898	1,722		16,203	,000
	ARUS	-2,450E-02	,004	-,682	-5,741	,000
	PK	3,297E-03	,004	,065	,738	,470
	LVB	-,157	,070	-,204	-2,234	,038
	KKJ	-9,066E-03	,005	-,173	-1,756	,096
	KMJ	6,578E-03	,006	,114	1,101	,285

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, PK, LVB, ARUS ^a , HVB		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,927 ^a	,859	,819	,9407

a. Predictors: (Constant), KMJ, PK, LVB, ARUS, HVB

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	96,639	5	19,328	21,842	,000 ^a
	Residual	15,928	18	,885		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, PK, LVB, ARUS, HVB

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	26,648	2,601		10,246	,000
	ARUS	-2,946E-02	,004	-,820	-6,679	,000
	PK	-1,168E-03	,006	-,023	-,202	,842
	LVB	-,149	,076	-,194	-1,970	,064
	HVB	,129	,145	,113	,893	,384
	KMJ	5,466E-03	,006	,095	,871	,395

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, PK, LVB, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,923 ^a	,852	,821	,9356

a. Predictors: (Constant), KMJ, PK, LVB, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	95,934	4	23,983	27,396	,000 ^a
	Residual	16,633	19	,875		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, PK, LVB, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	28,319	1,796		15,767	,000
	ARUS	-2,787E-02	,004	-,775	-6,944	,000
	PK	1,881E-03	,005	,037	,407	,689
	LVB	-,163	,074	-,212	-2,214	,039
	KMJ	5,138E-03	,006	,089	,825	,420

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, PK, ARUS, HVB ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,910 ^a	,828	,792	1,0095

a. Predictors: (Constant), KMJ, PK, ARUS, HVB

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	93,203	4	23,301	22,863	,000 ^a
	Residual	19,364	19	1,019		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, PK, ARUS, HVB

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	23,400	2,159		10,840	,000
	ARUS	-3,241E-02	,004	-,902	-7,278	,000
	PK	-7,289E-04	,006	-,014	-,118	,907
	HVB	,189	,152	,164	1,238	,231
	KMJ	6,054E-03	,007	,105	,900	,379

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, PK, KKJ, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,916 ^a	,839	,805	,9771

a. Predictors: (Constant), KMJ, PK, KKJ, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	94,428	4	23,607	24,728	,000 ^a
	Residual	18,139	19	,955		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, PK, KKJ, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	25,152	1,327		18,961	,000
	ARUS	-2,670E-02	,005	-,743	-5,845	,000
	PK	5,392E-03	,005	,106	1,123	,275
	KKJ	-9,689E-03	,006	-,184	-1,709	,104
	KMJ	7,157E-03	,007	,124	1,090	,289

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, LVB, HVB, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,926 ^a	,858	,828	,9166

a. Predictors: (Constant), KMJ, LVB, HVB, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	96,603	4	24,151	28,743	,000 ^a
	Residual	15,964	19	,840		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, LVB, HVB, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	26,797	2,431		11,025	,000
	ARUS	-2,927E-02	,004	-,814	-6,971	,000
	LVB	-,149	,074	-,193	-2,016	,058
	HVB	,112	,114	,098	,984	,337
	KMJ	5,571E-03	,006	,097	,914	,372

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, KKJ, LVB, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,933 ^a	,870	,843	,8775

a. Predictors: (Constant), KMJ, KKJ, LVB, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	97,937	4	24,484	31,797	,000 ^a
	Residual	14,630	19	,770		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, KKJ, LVB, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	28,246	1,636		17,264	,000
	ARUS	-2,466E-02	,004	-,686	-5,858	,000
	LVB	-,168	,068	-,218	-2,474	,023
	KKJ	-8,377E-03	,005	-,159	-1,670	,111
	KMJ	5,839E-03	,006	,101	1,004	,328

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, PK, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,902 ^a	,814	,786	1,0229

a. Predictors: (Constant), KMJ, PK, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	91,641	3	30,547	29,196	,000 ^a
	Residual	20,926	20	1,046		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, PK, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	25,478	1,374		18,540	,000
	ARUS	-3,041E-02	,004	-,846	-7,232	,000
	PK	3,970E-03	,005	,078	,802	,432
	KMJ	5,640E-03	,007	,098	,828	,417

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, LVB, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,922 ^a	,851	,829	,9159

a. Predictors: (Constant), KMJ, LVB, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	95,789	3	31,930	38,061	,000 ^a
	Residual	16,778	20	,839		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, LVB, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	28,506	1,700		16,768	,000
	ARUS	-2,781E-02	,004	-,774	-7,083	,000
	LVB	-,170	,071	-,220	-2,397	,026
	KMJ	4,767E-03	,006	,083	,790	,439

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, HVB, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,910 ^a	,828	,802	,9843

a. Predictors: (Constant), KMJ, HVB, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	93,189	3	31,063	32,060	,000 ^a
	Residual	19,378	20	,969		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, HVB, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	23,501	1,931		12,171	,000
	ARUS	-3,228E-02	,004	-,898	-7,662	,000
	HVB	,178	,117	,155	1,514	,146
	KMJ	6,119E-03	,007	,106	,936	,360

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, KKJ, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,910 ^a	,828	,802	,9834

a. Predictors: (Constant), KMJ, KKJ, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	93,225	3	31,075	32,131	,000 ^a
	Residual	19,342	20	,967		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, KKJ, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	25,421	1,313		19,359	,000
	ARUS	-2,723E-02	,005	-,758	-5,957	,000
	KKJ	-8,585E-03	,006	-,163	-1,527	,142
	KMJ	5,962E-03	,007	,103	,915	,371

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,899 ^a	,808	,790	1.0141

a. Predictors: (Constant), KMJ, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	90,969	2	45,484	44,224	,000 ^a
	Residual	21,598	21	1,028		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	25,654	1,345		19,074	,000
	ARUS	-3,050E-02	,004	-,848	-7,318	,000
	KMJ	4,865E-03	,007	,084	,728	,475

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KTB ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,776 ^a	,603	,585	1,4256

a. Predictors: (Constant), KTB

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	67,858	1	67,858	33,391	,000 ^a
	Residual	44,709	22	2,032		
	Total	112,567	23			

a. Predictors: (Constant), KTB

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	32,235	2,597		12,413	,000
	KTB	-,390	,068	-,776	-5,778	,000

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, PK, KKJ, KTB ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,866 ^a	,749	,697	1,0184

a. Predictors: (Constant), KMJ, PK, KKJ, KTB

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	84,364	4	21,091	34,208	,000 ^a
	Residual	28,204	19	1,484		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, PK, KKJ, KTB

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	27,839	2,591		10,743	,000
	KTB	-,274	,070	-,545	-3,898	,001
	PK	7,192E-03	,006	,142	1,206	,243
	KKJ	-1,248E-02	,007	-,237	-1,769	,093
	KMJ	1,979E-02	,007	,343	2,764	,012

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, KKJ ^a LVB, KTB		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,907 ^a	,822	,784	1,0272

a. Predictors: (Constant), KMJ, KKJ, LVB, KTB

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	92,521	4	23,130	21,923	,000 ^a
	Residual	20,046	19	1,055		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, KKJ, LVB, KTB

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	32,712	2,616		12,504	,000
	KTB	-,264	,059	-,526	-4,462	,000
	LVB	-,241	,077	-,313	-3,127	,006
	KKJ	-9,423E-03	,006	-,179	-1,594	,127
	KMJ	1,597E-02	,006	,277	2,643	,016

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, KKJ ^a HVB, KTB		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,864 ^a	,747	,693	1,0250

a. Predictors: (Constant), KMJ, KKJ, HVB, KTB

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	84,054	4	21,014	24,003	,000 ^a
	Residual	28,513	19	1,501		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, KKJ, HVB, KTB

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	26,379	3,047		8,656	,000
	KTB	-,294	,072	-,585	-4,083	,001
	HVB	,162	,146	,141	1,110	,281
	KKJ	-1,198E-02	,007	-,228	-1,700	,105
	KMJ	2,043E-02	,007	,355	2,793	,012

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KKJ, KTB ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,800 ^a	,639	,605	1,3904

a. Predictors: (Constant), KKJ, KTB

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	71,972	2	35,986	18,616	,000 ^a
	Residual	40,595	21	1,933		
	Total	112,567	23			

a. Predictors: (Constant), KKJ, KTB

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	31,080	2,653		11,713	,000
	KTB	-,334	,076	-,666	-4,393	,000
	KKJ	-1,161E-02	,008	-,221	-1,459	,159

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ ^a , KKJ, KTB		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,855 ^a	,730	,690	1,2321

a. Predictors: (Constant), KMJ, KKJ, KTB

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	82,204	3	27,401	18,049	,000 ^a
	Residual	30,363	20	1,518		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, KKJ, KTB

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	28,158	2,607		10,801	,000
	KTB	-,278	,071	-,553	-3,918	,001
	KKJ	-1,122E-02	,007	-,214	-1,590	,127
	KMJ	1,863E-02	,007	,323	2,596	,017

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, KTB ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,834 ^a	,696	,667	1,2762

a. Predictors: (Constant), KMJ, KTB

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	78,365	2	39,182	24,057	,000 ^a
	Residual	34,203	21	1,629		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, KTB

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	29,235	2,608		11,211	,000
	KTB	-,331	,065	-,658	-5,107	,000
	KMJ	1,887E-02	,007	,327	2,540	,019

a. Dependent Variable: V

Correlations

Nilai korelasi dari tiap variabel (arah selatan - utara)

	V	ARUS	PK	LV.B	HV.B	KTB	KKJ	KMJ
Pearson Correlation	1,000	-,971**	-,329	-,518**	-,950**	-,653**	,276	,254
Sig. (2-tailed)		,000	,117	,009	,000	,001	,192	,231
N	24	24	24	24	24	24	24	24
ARUS	-,971**	1,000	,396	,448*	,927**	,680**	-,285	-,278
Sig. (2-tailed)			,055	,028	,000	,000	,178	,189
N	24	24	24	24	24	24	24	24
PK	-,329	,396	1,000	-,012	,310	,468*	-,198	,226
Sig. (2-tailed)				,957	,141	,021	,355	,288
N	24	24	24	24	24	24	24	24
LV.B	-,518**	,448*	-,012	1,000	,515**	,000	-,141	-,124
Sig. (2-tailed)				,028	,010	,999	,510	,564
N	24	24	24	24	24	24	24	24
HV.B	-,950**	,927**	,310	,515**	1,000	,522**	-,114	-,187
Sig. (2-tailed)				,010		,009	,595	,382
N	24	24	24	24	24	24	24	24
KTB	-,653**	,680**	,468*	,000	,522**	1,000	-,175	-,146
Sig. (2-tailed)				,999	,009		,413	,496
N	24	24	24	24	24	24	24	24
KKJ	,276	-,285	-,198	-,141	-,114	-,175	1,000	-,284
Sig. (2-tailed)		,178	,355	,510	,595	,413		,178
N	24	24	24	24	24	24	24	24
KMJ	,254	-,278	,226	-,124	-,187	-,146	-,284	1,000
Sig. (2-tailed)		,189	,288	,564	,382	,496	,178	
N	24	24	24	24	24	24	24	24

**. Correlation is significant at the 0.01 level (2-tailed).

*. Correlation is significant at the 0.05 level (2-tailed).

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	ARUS ^a		Enter

- a. All requested variables entered.
b. Dependent Variable: V

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.971 ^a	.944	.941	.470

- a. Predictors: (Constant), ARUS
b. Dependent Variable: V

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	81,362	1	81,362	367,592	,000 ^a
	Residual	4,869	22	,221		
	Total	86,231	23			

- a. Predictors: (Constant), ARUS
b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	25,275	,445		56,744	,000
	ARUS	-3,083E-02	,002	-.971	-19,173	,000

- a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	PK, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,973 ^a	,947	,942	,465

a. Predictors: (Constant), PK, ARUS

b. Dependent Variable: V

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	81,681	2	40,841	188,493	,000 ^a
	Residual	4,550	21	,217		
	Total	86,231	23			

a. Predictors: (Constant), PK, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	24,566	,732		33,573	,000
	ARUS	-3,166E-02	,002	-,998	-18,275	,000
	PK	4,180E-02	,034	,066	1,214	,238

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	LV.B, PK, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.977 ^a	.954	.947	.446

a. Predictors: (Constant), LV.B, PK, ARUS

b. Dependent Variable: V

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	82,251	3	27,417	137,779	,000 ^a
	Residual	3,980	20	,199		
	Total	86,231	23			

a. Predictors: (Constant), LV.B, PK, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	25,615	,936		27,377	,000
	ARUS	-3,007E-02	,002	-,947	-15,758	,000
	PK	2,859E-02	,034	,045	,843	,409
	LV.B	-5,538E-02	,033	-,093	-1,693	,106

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	LVB, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,920 ^a	,846	,832	,9077

a. Predictors: (Constant), LVB, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	95,266	2	47,633	57,815	,000 ^a
	Residual	17,302	21	,824		
	Total	112,567	23			

a. Predictors: (Constant), LVB, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	29,168	1,466		19,899	,000
	ARUS	-2,949E-02	,003	-,820	-9,008	,000
	LVB	-,170	,070	-,221	-2,424	,024

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KTB, PK, LVB, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,937 ^a	,878	,852	,8504

a. Predictors: (Constant), KTB, PK, LVB, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	98,827	4	24,707	34,166	,000 ^a
	Residual	13,740	19	,723		
	Total	112,567	23			

a. Predictors: (Constant), KTB, PK, LVB, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	32,460	2,086		15,558	,000
	ARUS	-2,206E-02	,005	-,614	-4,766	,000
	PK	1,508E-03	,004	,030	,363	,721
	LVB	-,181	,067	-,235	-2,681	,015
	KTB	-,136	,062	-,270	-2,196	,041

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KTB, PK, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,912 ^a	,832	,807	,9731

a. Predictors: (Constant), KTB, PK, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	93,629	3	31,210	32,961	,000 ^a
	Residual	18,938	20	,947		
	Total	112,567	23			

a. Predictors: (Constant), KTB, PK, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	29,009	1,879		15,439	,000
	ARUS	-2,597E-02	,005	-,722	-5,165	,000
	PK	3,714E-03	,005	,073	,796	,435
	KTB	-,119	,070	-,237	-1,691	,106

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KTB, LVB, ARUS		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,937 ^a	,877	,859	,8317

a. Predictors: (Constant), KTB, LVB, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	98,732	3	32,911	47,576	,000 ^a
	Residual	13,835	20	,692		
	Total	112,567	23			

a. Predictors: (Constant), KTB, LVB, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	32,557	2,024		16,086	,000
	ARUS	-2,194E-02	,005	-,610	-4,859	,000
	LVB	-,186	,065	-,241	-2,871	,009
	KTB	-,135	,060	-,269	-2,239	,037

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KTB, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,909 ^a	,826	,810	,9646

a. Predictors: (Constant), KTB, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	93,030	2	46,515	49,997	,000 ^a
	Residual	19,538	21	,930		
	Total	112,567	23			

a. Predictors: (Constant), KTB, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	29,021	1,862		15,582	,000
	ARUS	-2,592E-02	,005	-,721	-5,202	,000
	KTB	-,117	,070	-,232	-1,674	,109

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KKJ, PK, LVB, KTB, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,942 ^a	,887	,856	,8392

a. Predictors: (Constant), KKJ, PK, LVB, KTB, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	99,890	5	19,978	28,367	,000 ^a
	Residual	12,677	18	,704		
	Total	112,567	23			

a. Predictors: (Constant), KKJ, PK, LVB, KTB, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	31,869	2,114		15,072	,000
	ARUS	-2,112E-02	,005	-,588	-4,561	,000
	PK	2,332E-03	,004	,046	,561	,582
	LVB	-,175	,067	-,227	-2,618	,017
	KTB	-,118	,063	-,234	-1,877	,077
	KKJ	-6,104E-03	,005	-,116	-1,228	,235

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KKJ, LVB, KTB, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,941 ^a	,885	,861	,8239

a. Predictors: (Constant), KKJ, LVB, KTB, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	99,669	4	24,917	36,705	,000 ^a
	Residual	12,898	19	,679		
	Total	112,567	23			

a. Predictors: (Constant), KKJ, LVB, KTB, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	32,058	2,049		15,643	,000
	ARUS	-2,101E-02	,005	-,584	-4,625	,000
	LVB	-,182	,064	-,237	-2,846	,010
	KTB	-,118	,062	-,235	-1,922	,070
	KKJ	-5,656E-03	,005	-,108	-1,175	,255

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KKJ, PK, ARUS, KTB ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,919 ^a	,844	,812	,9599

a. Predictors: (Constant), KKJ, PK, ARUS, KTB

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	95,062	4	23,765	25,794	,000 ^a
	Residual	17,506	19	,921		
	Total	112,567	23			

a. Predictors: (Constant), KKJ, PK, ARUS, KTB

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	28,459	1,905		14,936	,000
	ARUS	-2,473E-02	,005	-,688	-4,891	,000
	PK	4,582E-03	,005	,090	,984	,337
	KTB	-9,871E-02	,071	-,196	-1,385	,182
	KKJ	-7,066E-03	,006	-,134	-1,247	,228

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KKJ, PK, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,910 ^a	,829	,803	,9817

a. Predictors: (Constant), KKJ, PK, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	93,293	3	31,098	32,270	,000 ^a
	Residual	19,274	20	,964		
	Total	112,567	23			

a. Predictors: (Constant), KKJ, PK, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	26,159	,956		27,352	,000
	ARUS	-2,946E-02	,004	-,820	-7,722	,000
	PK	4,544E-03	,005	,090	,954	,351
	KKJ	-8,852E-03	,006	-,168	-1,568	,133

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KKJ, LVB, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,929 ^a	,863	,843	,8777

a. Predictors: (Constant), KKJ, LVB, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	97,161	3	32,387	42,044	,000 ^a
	Residual	15,406	20	,770		
	Total	112,567	23			

a. Predictors: (Constant), KKJ, LVB, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	29,064	1,419		20,484	,000
	ARUS	-2,690E-02	,004	-,748	-7,531	,000
	LVB	-,168	,068	-,219	-2,482	,022
	KKJ	-7,822E-03	,005	-,149	-1,569	,132

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KKJ, ARUS, KTB ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,915 ^a	,837	,812	,9591

a. Predictors: (Constant), KKJ, ARUS, KTB

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	94,169	3	31,390	34,123	,000 ^a
	Residual	18,398	20	,920		
	Total	112,567	23			

a. Predictors: (Constant), KKJ, ARUS, KTB

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	28,538	1,902		15,002	,000
	ARUS	-2,482E-02	,005	-,690	-4,912	,000
	KTB	-9,830E-02	,071	-,196	-1,381	,183
	KKJ	-6,233E-03	,006	-,119	-1,113	,279

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KKJ, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,906 ^a	,821	,804	,9796

a. Predictors: (Constant), KKJ, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	92,416	2	46,208	48,153	,000 ^a
	Residual	20,151	21	,960		
	Total	112,567	23			

a. Predictors: (Constant), KKJ, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	26,247	,950		27,629	,000
	ARUS	-2,953E-02	,004	-,822	-7,757	,000
	KKJ	-8,018E-03	,006	-,153	-1,441	,164

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, LV.B, KTB, KKJ, PK, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,979 ^a	,958	,943	,436

a. Predictors: (Constant), KMJ, LV.B, KTB, KKJ, PK, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	82,566	6	13,761	63,836	,000 ^a
	Residual	3,665	17	,216		
	Total	86,231	23			

a. Predictors: (Constant), KMJ, LV.B, KTB, KKJ, PK, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	26,493	1,307		20,276	,000
	ARUS	-2,902E-02	,003	-,915	-9,626	,000
	PK	-4,745E-02	,039	,075	-1,208	,244
	LV.B	-6,827E-02	,038	-,115	-1,807	,088
	KTB	-2,661E-02	,028	-,075	-1,952	,355
	KKJ	5,819E-04	,003	-,012	,210	,837
	KMJ	-2,752E-03	,004	-,046	-,746	,466

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, KTB, KKJ, PK, ARUS		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,974 ^a	,949	,935	,493

a. Predictors: (Constant), KMJ, KTB, KKJ, PK, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	81,862	5	16,372	67,458	,000 ^a
	Residual	4,369	18	,243		
	Total	86,231	23			

a. Predictors: (Constant), KMJ, KTB, KKJ, PK, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	24,869	1,006		24,710	,000
	ARUS	-3,225E-02	,003	-1,016	-12,503	,000
	PK	5,688E-02	,041	,090	1,377	,185
	KTB	-5,189E-03	,027	-,015	-,193	,849
	KKJ	-6,603E-04	,003	-,014	-,224	,825
	KMJ	-3,288E-03	,004	-,055	-,843	,410

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, KKJ, LVB, KTB, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,946 ^a	,895	,866	,8097

a. Predictors: (Constant), KMJ, KKJ, LVB, KTB, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	100,766	5	20,153	30,739	,000 ^a
	Residual	11,801	18	,656		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, KKJ, LVB, KTB, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	31,282	2,101		14,887	,000
	ARUS	-1,793E-02	,005	-,499	-3,546	,002
	LVB	-,183	,063	-,237	-2,900	,010
	KTB	-,126	,061	-,251	-2,077	,052
	KKJ	-6,173E-03	,005	-,117	-1,300	,210
	KMJ	6,980E-03	,005	,121	1,294	,212

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, KKJ, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,910 ^a	,828	,802	,9834

a. Predictors: (Constant), KMJ, KKJ, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	93,225	3	31,075	32,131	,000 ^a
	Residual	19,342	20	,967		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, KKJ, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	25,421	1,313		19,359	,000
	ARUS	-2,723E-02	,005	-,758	-5,957	,000
	KKJ	-8,585E-03	,006	-,163	-1,527	,142
	KMJ	5,962E-03	,007	,103	,915	,371

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, PK, KKJ, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,916 ^a	,839	,805	,9771

a. Predictors: (Constant), KMJ, PK, KKJ, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	94,428	4	23,607	24,728	,000 ^a
	Residual	18,139	19	,955		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, PK, KKJ, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	25,152	1,327		18,961	,000
	ARUS	-2,670E-02	,005	-,743	-5,845	,000
	PK	5,392E-03	,005	,106	1,123	,275
	KKJ	-9,689E-03	,006	-,184	-1,709	,104
	KMJ	7,157E-03	,007	,124	1,090	,289

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, KKJ, LVB, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,933 ^a	,870	,843	,8775

a. Predictors: (Constant), KMJ, KKJ, LVB, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	97,937	4	24,484	31,797	,000 ^a
	Residual	14,630	19	,770		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, KKJ, LVB, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	28,246	1,636		17,264	,000
	ARUS	-2,466E-02	,004	-,686	-5,858	,000
	LVB	-,168	,068	-,218	-2,474	,023
	KKJ	-8,377E-03	,005	-,159	-1,670	,111
	KMJ	5,839E-03	,006	,101	1,004	,328

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, PK, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,902 ^a	,814	,786	1,0229

a. Predictors: (Constant), KMJ, PK, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	91,641	3	30,547	29,196	,000 ^a
	Residual	20,926	20	1,046		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, PK, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	25,478	1,374		18,540	,000
	ARUS	-3,041E-02	,004	-,846	-7,232	,000
	PK	3,970E-03	,005	,078	,802	,432
	KMJ	5,640E-03	,007	,098	,828	,417

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, LVB, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,922 ^a	,851	,829	,9159

a. Predictors: (Constant), KMJ, LVB, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	95,789	3	31,930	38,061	,000 ^a
	Residual	16,778	20	,839		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, LVB, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	28,506	1,700		16,768	,000
	ARUS	-2,781E-02	,004	-,774	-7,083	,000
	LVB	-,170	,071	-,220	-2,397	,026
	KMJ	4,767E-03	,006	,083	,790	,439

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, ARUS ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,899 ^a	,808	,790	1,0141

a. Predictors: (Constant), KMJ, ARUS

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	90,969	2	45,484	44,224	,000 ^a
	Residual	21,598	21	1,028		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, ARUS

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	25,654	1,345		19,074	,000
	ARUS	-3,050E-02	,004	-,848	-7,318	,000
	KMJ	4,865E-03	,007	,084	,728	,475

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	HVB ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,240 ^a	,758	,715	1,1960

a. Predictors: (Constant), HVB

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	6,477	1	6,477	31,343	,259 ^a
	Residual	106,090	22	4,822		
	Total	112,567	23			

a. Predictors: (Constant), HVB

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	21,365	3,515		6,078	,000
	HVB	-,276	,238	-,240	-2,159	,259

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KTB, HVB ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,777 ^a	,836	,767	1,1564

a. Predictors: (Constant), KTB, HVB

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	68,026	2	34,013	36,036	,000 ^a
	Residual	44,541	21	2,121		
	Total	112,567	23			

a. Predictors: (Constant), KTB, HVB

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	31,820	3,034		10,490	,000
	HVB	-4,751E-02	,169	,041	-2,282	,781
	KTB	-,398	,074	-,791	-5,387	,000

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KKJ ^a , HVB, KTB		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.802 ^a	.843	.789	1,0918

a. Predictors: (Constant), KKJ, HVB, KTB

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	72,351	3	24,117	41,994	,000 ^a
	Residual	40,217	20	2,011		
	Total	112,567	23			

a. Predictors: (Constant), KKJ, HVB, KTB

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	30,420	3,104		9,800	,000
	HVB	-7,163E-02	,165	,062	-2,434	,669
	KTB	-,344	,081	-,684	-4,264	,000
	KKJ	-1,197E-02	,008	-,228	-1,466	,158

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KKJ, HVB ^a		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,564 ^a	,818	,753	1,0912

a. Predictors: (Constant), KKJ, HVB

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	35,786	2	17,893	34,894	,018 ^a
	Residual	76,781	21	3,656		
	Total	112,567	23			

a. Predictors: (Constant), KKJ, HVB

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	21,392	3,061		6,989	,000
	HVB	-,118	,214	-,103	-2,552	,586
	KKJ	-2,776E-02	,010	-,528	-2,831	,010

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, KKJ, ^a HVB, KTB		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,864 ^a	,847	,793	1,0225

a. Predictors: (Constant), KMJ, KKJ, HVB, KTB

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	84,054	4	21,014	27,003	,000 ^a
	Residual	28,513	19	1,501		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, KKJ, HVB, KTB

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	26,379	3,047		8,656	,000
	HVB	-,162	,146	,141	-1,911	,281
	KTB	-,294	,072	-,585	-4,083	,001
	KKJ	-1,198E-02	,007	-,228	-1,700	,105
	KMJ	2,043E-02	,007	,355	2,793	,012

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ ^a , HVB, KTB		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,842 ^a	,749	,664	1,0282

a. Predictors: (Constant), KMJ, HVB, KTB

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	79,717	3	26,572	46,178	,000 ^a
	Residual	32,850	20	1,642		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, HVB, KTB

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	27,783	3,069		9,054	,000
	HVB	-,138	,152	,120	-1,908	,375
	KTB	-,348	,068	-,692	-5,141	,000
	KMJ	2,042E-02	,008	,354	2,668	,015

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, KKJ, HVB		Enter

a. All requested variables entered.

b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,724 ^a	,824	,753	1,0636

a. Predictors: (Constant), KMJ, KKJ, HVB

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	59,038	3	19,679	47,353	,002 ^a
	Residual	53,529	20	2,676		
	Total	112,567	23			

a. Predictors: (Constant), KMJ, KKJ, HVB

b. Dependent Variable: V

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	17,672	2,907		6,079	,000
	HVB	-4,333E-02	,191	,038	-,226	,823
	KKJ	-2,464E-02	,008	-,469	-2,914	,009
	KMJ	2,789E-02	,009	,484	2,947	,008

a. Dependent Variable: V

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	KMJ, HVB ^a		Enter

- a. All requested variables entered.
b. Dependent Variable: V

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,568 ^a	,823	,758	1,0906

- a. Predictors: (Constant), KMJ, HVB

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	36,307	2	18,154	54,999	,017 ^a
	Residual	76,260	21	3,631		
	Total	112,567	23			

- a. Predictors: (Constant), KMJ, HVB
b. Dependent Variable: V

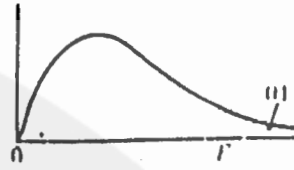
Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	17,188	3,381		5,084	,000
	HVB	-7,394E-02	,218	-,064	-,339	,738
	KMJ	3,134E-02	,011	,544	2,866	,009

- a. Dependent Variable: V

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TABEL DISTRIBUSI F



Critical Values of F_{α, v_1, v_2} for $\alpha = .01$

	v_1 = Degree of freedom for numerator																		
	1	2	3	4	5	6	7	8	9	10	12	15	20	24	30	40	60	120	∞
1	4.052	5.000	5.403	5.625	5.764	5.859	5.928	5.982	6.023	6.056	6.100	6.157	6.209	6.235	6.261	6.287	6.313	6.339	6.366
2	39.5	39.0	39.2	39.2	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.5
3	34.1	30.8	29.5	28.7	28.2	27.9	27.7	27.5	27.3	27.2	27.1	26.9	26.7	26.6	26.5	26.4	26.3	26.2	26.1
4	21.2	18.0	16.7	16.0	15.5	15.2	15.0	14.8	14.7	14.5	14.4	14.2	14.0	13.9	13.8	13.7	13.7	13.6	13.5
6	16.3	13.3	12.1	11.4	11.0	10.7	10.5	10.3	10.2	10.1	9.89	9.72	9.55	9.47	9.38	9.29	9.20	9.11	9.02
8	13.7	10.9	9.78	9.15	8.75	8.47	8.26	8.10	7.98	7.87	7.72	7.56	7.40	7.31	7.23	7.14	7.06	6.97	6.88
10	12.2	9.55	8.45	7.85	7.46	7.19	6.99	6.84	6.72	6.62	6.47	6.31	6.16	6.07	5.99	5.91	5.82	5.74	5.65
12	11.3	8.65	7.59	7.01	6.63	6.37	6.18	6.03	5.91	5.81	5.67	5.52	5.36	5.29	5.20	5.12	5.03	4.95	4.88
15	10.6	8.02	6.99	6.42	6.06	5.80	5.61	5.47	5.35	5.26	5.11	4.96	4.81	4.73	4.65	4.57	4.48	4.40	4.31
20	10.0	7.36	6.35	5.79	5.44	5.19	5.00	4.86	4.74	4.65	4.51	4.36	4.21	4.13	4.05	3.97	3.88	3.80	3.71
25	9.65	7.21	6.22	5.67	5.32	5.07	4.89	4.74	4.63	4.54	4.40	4.25	4.10	4.02	3.94	3.86	3.78	3.69	3.60
30	9.33	6.93	5.95	5.41	5.06	4.82	4.64	4.50	4.39	4.30	4.16	4.01	3.86	3.78	3.70	3.62	3.53	3.45	3.36
40	9.07	6.70	5.74	5.21	4.86	4.62	4.44	4.30	4.19	4.10	3.96	3.82	3.66	3.59	3.51	3.43	3.34	3.25	3.17
50	8.86	6.51	5.56	5.04	4.70	4.46	4.28	4.14	4.03	3.94	3.80	3.66	3.51	3.43	3.35	3.27	3.18	3.09	3.00
60	8.68	6.36	5.42	4.89	4.56	4.32	4.14	4.00	3.89	3.80	3.67	3.52	3.37	3.29	3.21	3.13	3.05	2.96	2.87
80	8.33	6.23	5.29	4.77	4.44	4.20	4.03	3.89	3.78	3.69	3.55	3.41	3.26	3.18	3.10	3.02	2.93	2.84	2.75
100	8.40	6.11	5.19	4.67	4.34	4.10	3.93	3.79	3.68	3.59	3.48	3.31	3.16	3.08	3.00	2.92	2.83	2.75	2.65
120	8.29	6.01	5.09	4.58	4.25	4.01	3.84	3.71	3.60	3.51	3.37	3.23	3.08	3.00	2.92	2.84	2.75	2.66	2.57
150	8.19	5.93	5.01	4.50	4.17	3.94	3.77	3.63	3.52	3.43	3.30	3.15	3.00	2.92	2.84	2.76	2.67	2.58	2.49
200	8.10	5.85	4.94	4.43	4.10	3.87	3.70	3.56	3.46	3.37	3.23	3.09	2.94	2.86	2.78	2.69	2.61	2.52	2.42
250	8.02	5.78	4.87	4.37	4.04	3.81	3.64	3.51	3.40	3.31	3.17	3.03	2.88	2.80	2.72	2.64	2.55	2.46	2.36
300	7.93	5.72	4.82	4.31	3.99	3.76	3.59	3.45	3.35	3.26	3.12	2.98	2.83	2.75	2.67	2.58	2.50	2.40	2.31
400	7.85	5.66	4.76	4.26	3.94	3.71	3.54	3.41	3.30	3.21	3.07	2.93	2.78	2.70	2.62	2.54	2.45	2.35	2.26
500	7.82	5.61	4.72	4.22	3.90	3.67	3.50	3.38	3.26	3.17	3.03	2.89	2.74	2.66	2.58	2.49	2.40	2.31	2.21
600	7.77	5.57	4.68	4.18	3.86	3.63	3.46	3.32	3.22	3.13	2.99	2.85	2.70	2.62	2.53	2.45	2.36	2.27	2.17
800	7.86	5.39	4.51	4.02	3.70	3.47	3.30	3.17	3.07	2.98	2.84	2.70	2.55	2.47	2.39	2.30	2.21	2.11	2.01
1000	7.31	5.18	4.31	3.83	3.51	3.29	3.12	2.99	2.89	2.80	2.66	2.52	2.37	2.29	2.20	2.11	2.02	1.92	1.80
1200	7.08	4.98	4.13	3.65	3.34	3.12	2.95	2.82	2.72	2.63	2.50	2.35	2.20	2.12	2.03	1.94	1.84	1.73	1.60
1500	6.85	4.79	3.95	3.48	3.17	2.96	2.79	2.66	2.56	2.47	2.34	2.19	2.03	1.95	1.86	1.76	1.66	1.53	1.38
∞	6.63	4.61	3.78	3.32	3.02	2.80	2.64	2.51	2.41	2.32	2.18	2.04	1.88	1.79	1.70	1.59	1.47	1.32	1.00

Source: From Maxine Merrington and Catherine M. Thompson, "Tables of the Percentage Points of the Inverted Distribution." *Biometrika*, vol. 33, pp. 73-88, 1943. Reprinted with the permission of the *Biometrika* Trustees

TABEL DISTRIBUSI t

df	0.10	0.05	0.025	0.01	0.005
1	3.078	6.314	12.708	31.821	63.657
2	1.886	2.920	4.303	6.965	9.925
3	1.638	2.353	3.182	4.541	5.841
4	1.533	2.132	2.776	3.747	4.604
5	1.476	2.015	2.571	3.365	4.032
6	1.440	1.943	2.447	3.143	3.707
7	1.415	1.895	2.365	2.998	3.499
8	1.397	1.860	2.308	2.896	3.355
9	1.383	1.833	2.262	2.821	3.250
10	1.372	1.812	2.228	2.764	3.169
11	1.363	1.796	2.201	2.718	3.106
12	1.356	1.782	2.179	2.681	3.055
13	1.350	1.771	2.160	2.650	3.012
14	1.346	1.761	2.145	2.624	2.977
15	1.341	1.753	2.131	2.602	2.947
16	1.337	1.746	2.120	2.583	2.921
17	1.333	1.740	2.110	2.567	2.898
18	1.330	1.734	2.101	2.552	2.878
19	1.328	1.729	2.093	2.539	2.861
20	1.325	1.725	2.086	2.528	2.846
21	1.323	1.721	2.080	2.518	2.831
22	1.321	1.717	2.074	2.508	2.819
23	1.319	1.714	2.069	2.500	2.807
24	1.318	1.711	2.064	2.492	2.797
25	1.316	1.708	2.060	2.485	2.787
26	1.315	1.706	2.056	2.479	2.779
27	1.314	1.703	2.052	2.473	2.771
28	1.313	1.701	2.048	2.467	2.763
29	1.311	1.699	2.045	2.462	2.756
30	1.310	1.697	2.042	2.457	2.750
40	1.303	1.684	2.021	2.423	2.704
60	1.296	1.671	2.000	2.390	2.660
120	1.289	1.658	1.980	2.358	2.617
∞	1.282	1.645	1.960	2.326	2.576

*Example: For the shaded area to represent 0.05 of the total area of 1.0, the value of t with 10 degrees of freedom is 1.812.

Source: Reprinted by Halper Press, a division of Macmillan Publishing Company, from *Statistical Methods for Research Workers*, 14th ed., abridged Table IV, by R. A. Fisher. Copyright © 1970 by University of Adelaide.

MKU: JALAN PERKOTAAN

LANGKAH B-1 : KECEPATAN ARUS BEBAS DASAR

Tentukan kecepatan arus bebas dasar kendaraan ringan dengan menggunakan Tabel B-1:1, dan masukkan hasilnya pada Kolom 2 Formulir UR-3.

Tipe jalan	Kecepatan arus bebas dasar (FV_0) (km/jam)			
	Kendaraan ringan LV	Kendaraan berat HV	Sepeda motor MC	Semua kendaraan (rata-rata)
Enam-lajur terbagi (6/2 D) atau Tiga-lajur satu-arah (3/1)	61	52	48	57
Empat-lajur terbagi (4/2 D) atau Dua-lajur satu-arah (2/1)	57	50	47	55
Empat-lajur tak-terbagi (4/2 UD)	53	46	43	51
Dua-lajur tak-terbagi (2/2 UD)	44	40	40	42

Tabel B-1:1 Kecepatan arus bebas dasar (FV_0) untuk jalan perkotaan

Kecepatan arus bebas untuk jalan delapan-lajur dapat dianggap sama seperti jalan enam-lajur dalam Tabel B-1:1.

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LANGKAH B-2: PENYESUAIAN KECEPATAN ARUS BEBAS UNTUK LEBAR JALUR LALU-LINTAS (FV_w)

Tentukan penyesuaian untuk lebar jalur lalu-lintas dari Tabel B-2:1 di bawah berdasarkan lebar jalur lalu-lintas efektif (W_e) yang dicatat pada Formulir UR-1. Masukkan penyesuaian FV_w pada Kolom 3, Formulir UR-3. Hitung jumlah kecepatan arus bebas dasar dan penyesuaian ($FV_o + FV_w$) dan masukkan hasilnya pada Kolom 4.

Tipe jalan	Lebar jalur lalu-lintas efektif (W_e) (m)	FV_w (km/jam)
Empat-lajur terbagi atau Jalan satu-arah	Per lajur	
	3,00	-4
	3,25	-2
	3,50	0
	3,75	2
	4,00	4
Empat-lajur tak-terbagi	Per lajur	
	3,00	-4
	3,25	-2
	3,50	0
	3,75	2
	4,00	4
Dua-lajur tak-terbagi	Total	
	5	-9,5
	6	-5
	7	0
	8	3
	9	4
	10	6
11	7	

Tabel B-2:1 Penyesuaian untuk pengaruh lebar jalur lalu-lintas (FV_w) pada kecepatan arus bebas kendaraan ringan, jalan perkotaan

Untuk jalan lebih dari empat-lajur (banyak lajur), nilai penyesuaian pada Tabel B-2:1 untuk jalan empat-lajur terbagi dapat digunakan.

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b) Jalan dengan kereb

Tentukan faktor penyesuaian untuk hambatan samping dari Tabel B-3:2 berdasarkan jarak antara kereb dan penghalang pada trotoar sebagaimana ditentukan pada Formulir UR-1, dan tingkat hambatan samping sesungguhnya dari Formulir UR-2. Masukkan hasilnya ke dalam Kolom 5 Formulir UR-3.

Tipe jalan	Kelas hambatan samping (SFC)	Faktor penyesuaian untuk hambatan samping dan jarak kereb-penghalang			
		Jarak: kereb - penghalang W_k (m)			
		$\leq 0,5$ m	1,0 m	1,5 m	≥ 2 m
Empat-lajur terbagi 4/2 D	Sangat rendah	1,00	1,01	1,01	1,02
	Rendah	0,97	0,98	0,99	1,00
	Sedang	0,93	0,95	0,97	0,99
	Tinggi	0,87	0,90	0,93	0,96
	Sangat tinggi	0,81	0,85	0,88	0,92
Empat-lajur tak-terbagi 4/2 UD	Sangat rendah	1,00	1,01	1,01	1,02
	Rendah	0,96	0,98	0,99	1,00
	Sedang	0,91	0,93	0,96	0,98
	Tinggi	0,84	0,87	0,90	0,94
	Sangat tinggi	0,77	0,81	0,85	0,90
Dua-lajur tak-terbagi 2/2 UD atau Jalan satu-arah	Sangat rendah	0,98	0,99	0,99	1,00
	Rendah	0,93	0,95	0,96	0,98
	Sedang	0,87	0,89	0,92	0,95
	Tinggi	0,78	0,81	0,84	0,88
	Sangat tinggi	0,68	0,72	0,77	0,82

Tabel B-3:2 Faktor penyesuaian untuk pengaruh hambatan samping dan jarak kereb-penghalang (FFV_{SF}) pada kecepatan arus bebas kendaraan ringan untuk jalan perkotaan dengan kereb.

c) Faktor penyesuaian FFV_{SF} untuk jalan enam-lajur

Faktor penyesuaian kecepatan arus bebas untuk jalan enam-lajur dapat ditentukan dengan menggunakan nilai FFV_{SF} untuk jalan empat-lajur yang diberikan dalam Tabel B-3:1 atau B-3:2, disesuaikan seperti di bawah ini:

$$FFV_{6,SF} = 1 - 0,8 \times (1 - FFV_{4,SF})$$

dimana:

$FFV_{6,SF}$ = faktor penyesuaian kecepatan arus bebas untuk jalan enam-lajur

$FFV_{4,SF}$ = faktor penyesuaian kecepatan arus bebas untuk jalan empat-lajur

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**LANGKAH B-4: FAKTOR PENYESUAIAN KECEPATAN ARUS BEBAS
FFV_{CS} UNTUK UKURAN KOTA**

Tentukan faktor penyesuaian FFV_{CS} (km/jam) untuk Ukuran kota (juta penduduk sebagaimana dicatat pada Formulir UR-1) dan masukkan hasilnya ke dalam Formulir UR-3, Kolom 6.

Ukuran kota (juta penduduk)	Faktor penyesuaian untuk ukuran kota
< 0,1	0,90
0,1 - 0,5	0,93
0,5 - 1,0	0,95
1,0 - 3,0	1,00
> 3,0	1,03

Tabel B-4:1 Faktor penyesuaian FFV_{CS} untuk pengaruh ukuran kota pada kecepatan arus bebas kendaraan ringan, jalan perkotaan.

LANGKAH C : ANALISA KAPASITAS

Gunakan data masukan dari Formulir UR-1 dan UR-2 untuk menentukan kapasitas, dengan menggunakan Formulir UR-3.

$$C = C_0 \times FC_w \times FC_{SP} \times FC_{SF} \times FC_{CS} \text{ (smp/jam)}$$

dimana:

- C = Kapasitas (smp/jam)
- C₀ = Kapasitas dasar untuk kondisi tertentu (ideal) (smp/jam)
- FC_w = Faktor penyesuaian lebar jalur lalu-lintas
- FC_{SP} = Faktor penyesuaian pemisahan arah
- FC_{SF} = Faktor penyesuaian hambatan samping
- FC_{CS} = Faktor penyesuaian ukuran kota

LANGKAH C-1 : KAPASITAS DASAR

Tentukan kapasitas dasar (C₀) dari Tabel C-1:1 dan masukkan nilainya ke dalam Formulir UR-3, Kolom 11.

Tipe jalan	Kapasitas dasar (smp/jam)	Catatan
Empat lajur terbagi atau Jalan satu arah	1650	Per lajur
Empat lajur tak terbagi	1500	Per lajur
Dua lajur tak terbagi	2900	Total dua arah

Tabel C-1:1 Kapasitas dasar C₀ untuk jalan perkotaan

Kapasitas dasar untuk jalan lebih dari empat lajur (banyak lajur) dapat ditentukan dengan menggunakan kapasitas per lajur yang diberikan dalam Tabel C-1:1, walaupun lajur tersebut mempunyai lebar yang tidak standar (penyesuaian untuk lebar dilakukan dalam langkah C-2 di bawah).

LANGKAH C-2 : FAKTOR PENYESUAIAN KAPASITAS FC_w UNTUK LEBAR JALUR LALU-LINTAS

Tentukan penyesuaian FC_w untuk lebar jalur lalu-lintas dari Tabel C-2:1 berdasarkan lebar jalur lalu-lintas efektif (W_e) (lihat Formulir UR-1) dan masukkan hasilnya ke dalam Formulir UR-3 Kolom 12.

Tipe jalan	Lebar jalur lalu-lintas efektif (W_e) (m)	FC_w
Empat lajur terbagi atau Jalan satu arah	Per lajur	
	3,00	0,92
	3,25	0,96
	3,50	1,00
	3,75	1,04
Empat lajur tak terbagi	Per lajur	
	3,00	0,91
	3,25	0,95
	3,50	1,00
	3,75	1,05
Dua lajur tak terbagi	Total dua arah	
	5	0,56
	6	0,87
	7	1,00
	8	1,14
	9	1,25
	10	1,29
	11	1,34

Tabel C-2:1 Penyesuaian kapasitas FC_w untuk pengaruh lebar jalur lalu-lintas untuk jalan perkotaan

Faktor penyesuaian kapasitas untuk jalan lebih dari empat lajur dapat ditentukan dengan menggunakan nilai per lajur yang diberikan untuk jalan empat lajur dalam Tabel C-2:1.

LANGKAH C-3 : FAKTOR PENYESUAIAN KAPASITAS FC_{SP} UNTUK PEMISAHAN ARAH

Khusus untuk jalan tak terbagi, tentukan faktor penyesuaian kapasitas (FC_{SP}) untuk pemisahan arah dari Tabel C-3:1 di bawah berdasarkan data masukan kondisi lalu-lintas dari Formulir UR-2, Kolom 9, dan masukkan nilainya ke dalam Formulir UR-3, Kolom 13.

Tabel C-3:1 memberikan faktor penyesuaian pemisahan arah untuk jalan dua lajur dua arah (2/2) dan empat lajur dua arah (4/2) tak terbagi.

Pemisahan arah SP %-%		50-50	60-40	70-30	80-20	90-10	100-0
FC_{SP}	Dua lajur 2/2	1,00	0,94	0,88	0,82	0,76	0,70
	Empat lajur 4/2	1,00	0,97	0,94	0,91	0,88	0,85

Tabel C-3:1 Faktor penyesuaian kapasitas untuk pemisahan arah (FC_{SP})

Untuk jalan terbagi dan jalan satu arah, faktor penyesuaian kapasitas untuk pemisahan arah tidak dapat diterapkan dan nilai 1,0 sebaiknya dimasukkan ke dalam Kolom 13.

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b) Jalan dengan kereb

Tentukan faktor penyesuaian kapasitas FC_{SF} untuk hambatan samping dari Tabel C-4:2 berdasarkan jarak antara kereb dan penghalang pada trotoar W_k dari Formulir UR-1, dan kelas hambatan samping (SFC) dari Formulir UR-2, dan masukkan hasilnya ke dalam Formulir UR-3, Kolom 14.

Tipe jalan	Kelas hambatan samping	Faktor penyesuaian untuk hambatan samping dan jarak kereb-penghalang FC_{SF}			
		Jarak: kereb-penghalang W_k			
		$\leq 0,5$	1,0	1,5	$\geq 2,0$
4/2 D	VL	0,95	0,97	0,99	1,01
	L	0,94	0,96	0,98	1,00
	M	0,91	0,93	0,95	0,98
	H	0,86	0,89	0,92	0,95
	VH	0,81	0,85	0,88	0,92
4/2 UD	VL	0,95	0,97	0,99	1,01
	L	0,93	0,95	0,97	1,00
	M	0,90	0,92	0,95	0,97
	H	0,84	0,87	0,90	0,93
	VH	0,77	0,81	0,85	0,90
2/2 UD atau Jalan satu arah	VL	0,93	0,95	0,97	0,99
	L	0,90	0,92	0,95	0,97
	M	0,86	0,88	0,91	0,94
	H	0,78	0,81	0,84	0,88
	VH	0,68	0,72	0,77	0,82

Tabel C-4:1 Faktor penyesuaian FC_{SF} untuk pengaruh hambatan samping dan jarak kereb-penghalang pada kapasitas jalan perkotaan dengan kereb.

c) Faktor penyesuaian FC_{SF} untuk jalan enam lajur

Faktor penyesuaian kapasitas untuk 6 lajur dapat ditentukan dengan menggunakan nilai FC_{SF} untuk jalan empat lajur yang diberikan pada Tabel C-4:1 atau C-4:2, sebagaimana ditunjukkan di bawah:

$$FC_{6,SF} = 1 - 0,8 (1 - FC_{4,SF})$$

dimana:

$FC_{6,SF}$ = faktor penyesuaian kapasitas untuk jalan enam lajur

$FC_{4,SF}$ = faktor penyesuaian kapasitas untuk jalan empat lajur

LANGKAH C-5: FAKTOR PENYESUAIAN KAPASITAS FC_{CS} UNTUK UKURAN KOTA

Tentukan penyesuaian FC_{CS} untuk ukuran kota dengan menggunakan Tabel C-5:1 sebagai fungsi jumlah penduduk (Juta) dari Formulir UR-1, dan masukkan hasilnya ke dalam Formulir UR-3, Kolom 15.

Ukuran kota (Juta penduduk)	Faktor penyesuaian untuk ukuran kota FC_{CS}
< 0,1	0,86
0,1 - 0,5	0,90
0,5 - 1,0	0,94
1,0 - 3,0	1,00
> 3	1,04

Tabel C-5:1 Faktor penyesuaian FC_{CS} untuk pengaruh ukuran kota pada kapasitas jalan perkotaan

LANGKAH C-6 : PENENTUAN KAPASITAS UNTUK KONDISI SESUNGGUHNYA

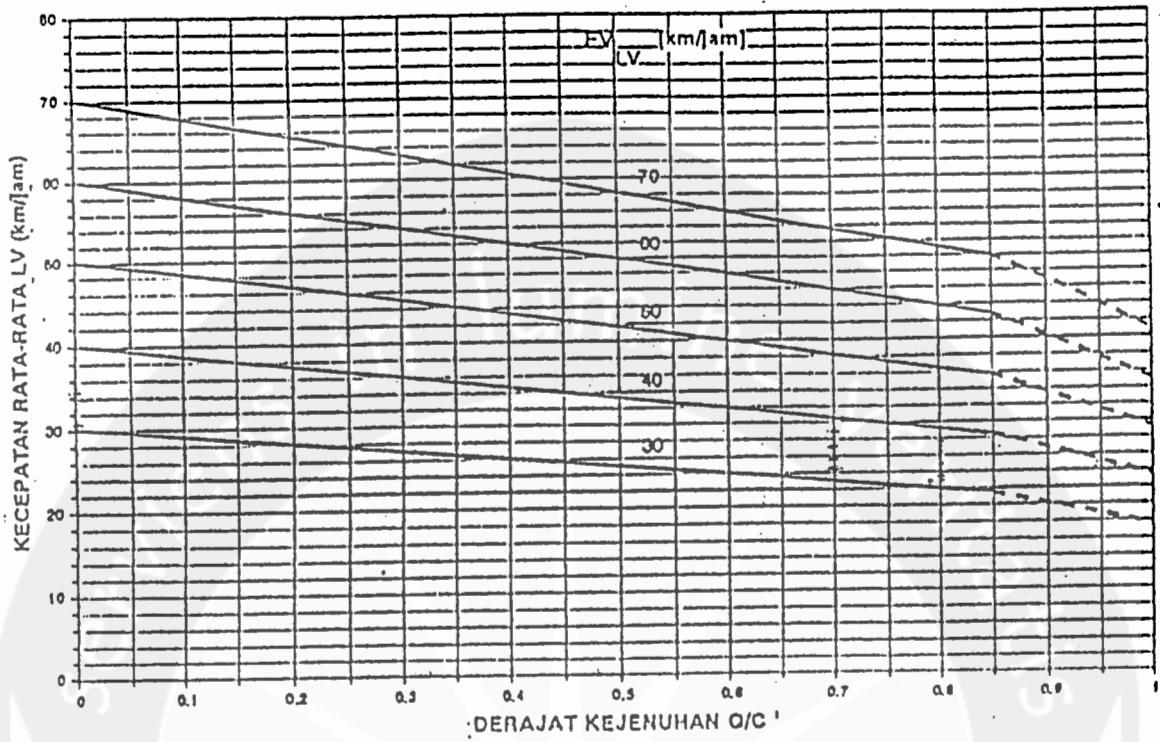
Tentukan kapasitas segmen jalan untuk kondisi sesungguhnya dengan menggunakan data yang diisikan ke dalam Formulir UR-3 Kolom 11-15 dan masukkan hasilnya ke dalam Kolom 16.

$$C = C_0 \times FC_w \times FC_{SP} \times FC_{SF} \times FC_{CS} \text{ (smp/jam)}$$

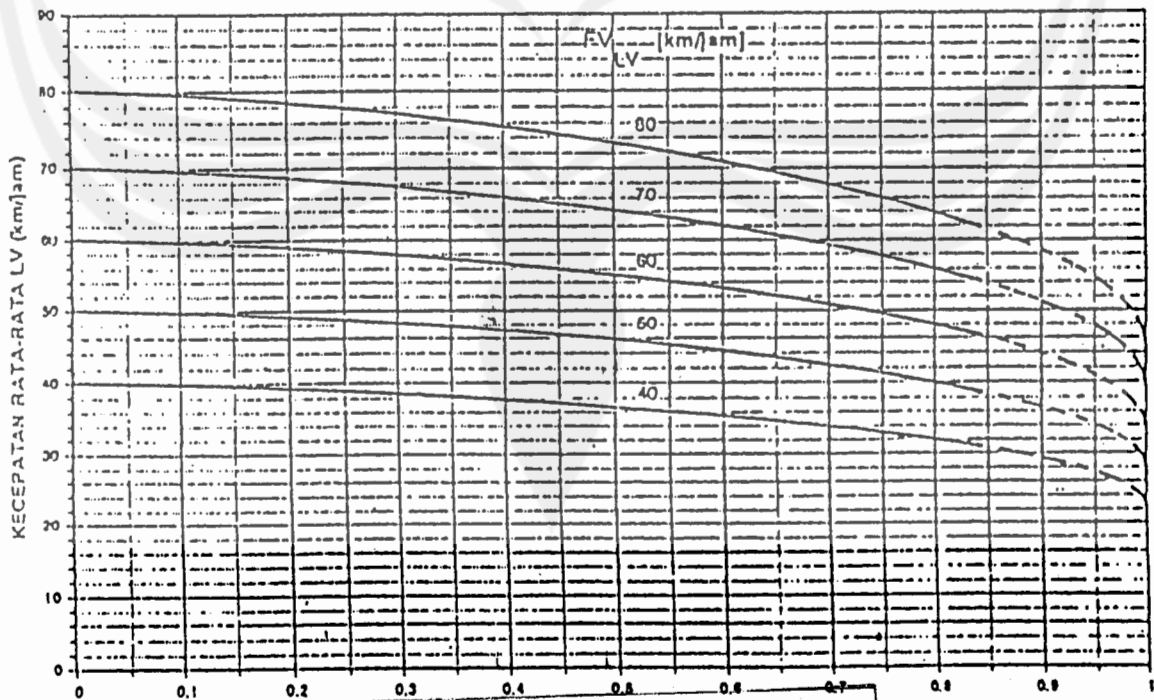
dimana:

- C = Kapasitas (smp/jam)
- C_0 = Kapasitas dasar untuk kondisi tertentu (ideal) (smp/jam)
- FC_w = Faktor penyesuaian lebar jalur lalu-lintas
- FC_{SP} = Faktor penyesuaian pemisahan arah
- FC_{SF} = Faktor penyesuaian hambatan samping
- FC_{CS} = Faktor penyesuaian ukuran kota

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Gambar D-2:1 Kecepatan sebagai fungsi dari Q/C untuk jalan 2/2 UD



Gambar D-2:2 Kecepatan sebagai fungsi dari Q/C untuk jalan empat lajur