Prilog III

Čutura, Boris

Supplement / Prilog

PRILOG III: STATISTIČKA OBRADA TERENSKIH REZULTATA U SPSS 20; BEZ TEŠKIH TERETNIH VOZILA

1. Smjer Salakovac – Grabovica:

presjek 1 (stacionaža 0+000), smjer Salakovac - Grabovica

Regression

a. Dependent Variable: PTSF

```
REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE ZPP
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT PTSF
  /METHOD=ENTER lnVd Vo.
```

Descriptive Statistics

	Mean	Std. Deviation	N
PTSF	46,2307	8,67620	1099
lnVd	5,5387	,42052	1099
Vo	273,9327	117,63612	1099

Correlations

		PTSF	lnVd	Vo
Pearson Correlation	PTSF	1,000	,881	,251
	lnVd	,881	1,000	,249
	Vo	,251	,249	1,000
Sig. (1-tailed)	PTSF	.	,000	,000
	lnVd	,000	.	,000
	Vo	,000	,000	.
N	PTSF	1099	1099	1099
	lnVd	1099	1099	1099
	Vo	1099	1099	1099

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd[b]	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,882[a]	,778	,778	4,09142	,778	1920,791

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2[a]	1096	,000

a. Predictors: (Constant), Vo, lnVd

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	64306,872	2	32153,436	1920,791	,000[b]
	Residual	18346,697	1096	16,740		
	Total	82653,568	1098			

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	**-54,222**	1,635		-33,155	,000
	lnVd	**18,014**	,303	,873	59,425	,000
	Vo	**,002**	,001	,034	2,289	,022

Coefficients[a]

Model		95,0% Confidence Interval for B		Correlations			Collinearity Statistics
		Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance
1	(Constant)	-57,431	-51,013				
	lnVd	17,419	18,609	,881	,874	,846	,938
	Vo	,000	,005	,251	,069	,033	,938

Coefficients[a]

Model		Collinearity Statistics
		VIF
1	(Constant)	
	lnVd	1,066
	Vo	1,066

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	lnVd	Vo
1	1	2,894	1,000	,00	,00	,02
	2	,104	5,286	,01	,01	,96
	3	,003	32,212	,99	,99	,03

presjek 2 (stacionaža 2+300), smjer Salakovac - Grabovica

a. Dependent Variable: PTSF

```
REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE ZPP
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT PTSF
  /METHOD=ENTER lnVd Vo.
```

Descriptive Statistics

	Mean	Std. Deviation	N
PTSF	48,6869	7,80676	1271
lnVd	5,5536	,34801	1271
Vo	264,2109	84,83481	1271

Correlations

		PTSF	lnVd	Vo
Pearson Correlation	PTSF	1,000	,846	,146
	lnVd	,846	1,000	,105
	Vo	,146	,105	1,000
Sig. (1-tailed)	PTSF	.	,000	,000
	lnVd	,000	.	,000
	Vo	,000	,000	.
N	PTSF	1271	1271	1271
	lnVd	1271	1271	1271
	Vo	1271	1271	1271

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd[b]	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,848[a]	,719	,718	4,14404	,719	1619,550

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2[a]	1268	,000

a. Predictors: (Constant), Vo, lnVd

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	55625,388	2	27812,694	1619,550	,000[b]
	Residual	21775,495	1268	17,173		
	Total	77400,883	1270			

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	**-57,336**	1,867		-30,710	,000
	lnVd	**18,837**	,336	,840	56,064	,000
	Vo	**,005**	,001	,058	3,874	,000

Coefficients[a]

Model		95,0% Confidence Interval for B		Correlations			Collinearity Statistics
		Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance
1	(Constant)	-60,998	-53,673				
	lnVd	18,178	19,496	,846	,844	,835	,989
	Vo	,003	,008	,146	,108	,058	,989

Coefficients[a]

Model		Collinearity Statistics
		VIF
1	(Constant)	
	lnVd	1,011
	Vo	1,011

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	lnVd	Vo
1	1	2,935	1,000	,00	,00	,01
	2	,063	6,832	,01	,01	,99
	3	,002	38,738	,99	,99	,00

a. Dependent Variable: PTSF

presjek 3 (stacionaža 5+000), smjer Salakovac – Grabovica

```
REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE ZPP
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT PTSF
  /METHOD=ENTER lnVd Vo.
```

Descriptive Statistics

	Mean	Std. Deviation	N
PTSF	42,6643	9,46645	1369
lnVd	5,5081	,37973	1369
Vo	261,7327	98,19435	1369

Correlations

		PTSF	lnVd	Vo
Pearson Correlation	PTSF	1,000	,888	,212
	lnVd	,888	1,000	,162
	Vo	,212	,162	1,000
Sig. (1-tailed)	PTSF	.	,000	,000
	lnVd	,000	.	,000
	Vo	,000	,000	.
N	PTSF	1369	1369	1369
	lnVd	1369	1369	1369
	Vo	1369	1369	1369

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd[b]	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,890[a]	,792	,792	4,31601	,792	2607,519

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2[a]	1366	,000

a. Predictors: (Constant), Vo, lnVd

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	97145,656	2	48572,828	2607,519	,000[b]
	Residual	25445,827	1366	18,628		
	Total	122591,483	1368			

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	**-79,412**	1,697		-46,794	,000
	lnVd	**21,842**	,311	,876	70,141	,000
	Vo	**,007**	,001	,070	5,606	,000

Coefficients[a]

Model		95,0% Confidence Interval for B		Correlations			Collinearity Statistics
		Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance
1	(Constant)	-82,741	-76,082				
	lnVd	21,231	22,453	,888	,885	,865	,974
	Vo	,004	,009	,212	,150	,069	,974

Coefficients[a]

Model		Collinearity Statistics
		VIF
1	(Constant)	
	lnVd	1,027
	Vo	1,027

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	lnVd	Vo
1	1	2,915	1,000	,00	,00	,01
	2	,083	5,936	,01	,01	,98
	3	,002	35,189	,99	,99	,01

a. Dependent Variable: PTSF

presjek 4 (stacionaža 8+900), smjer Salakovac - Grabovica

```
REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE ZPP
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT PTSF
  /METHOD=ENTER lnVd Vo.
```

Descriptive Statistics

	Mean	Std. Deviation	N
PTSF	46,9057	9,12452	676
lnVd	5,5186	,38782	676
Vo	274,8462	90,15079	676

Correlations

		PTSF	lnVd	Vo
Pearson Correlation	PTSF	1,000	,875	,159
	lnVd	,875	1,000	,077
	Vo	,159	,077	1,000
Sig. (1-tailed)	PTSF	.	,000	,000
	lnVd	,000	.	,023
	Vo	,000	,023	.
N	PTSF	676	676	676
	lnVd	676	676	676
	Vo	676	676	676

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd[b]	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,880[a]	,775	,774	4,33663	,775	1157,628

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2[a]	673	,000

a. Predictors: (Constant), Vo, lnVd

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	43541,628	2	21770,814	1157,628	,000[b]
	Residual	12656,708	673	18,806		
	Total	56198,337	675			

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	**-68,399**	2,403		-28,460	,000
	lnVd	**20,429**	,432	,868	47,324	,000
	Vo	**,009**	,002	,092	5,031	,000

Coefficients[a]

Model		95,0% Confidence Interval for B		Correlations			Collinearity Statistics
		Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance
1	(Constant)	-73,118	-63,680				
	lnVd	19,581	21,276	,875	,877	,866	,994
	Vo	,006	,013	,159	,190	,092	,994

Coefficients[a]

Model		Collinearity Statistics
		VIF
1	(Constant)	
	lnVd	1,006
	Vo	1,006

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	lnVd	Vo
1	1	2,932	1,000	,00	,00	,01
	2	,066	6,677	,01	,01	,99
	3	,002	34,562	,99	,99	,00

a. Dependent Variable: PTSF

presjek 5 (stacionaža 12+150), smjer Salakovac - Grabovica

```
REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE ZPP
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT PTSF
  /METHOD=ENTER lnVd Vo.
```

Descriptive Statistics

	Mean	Std. Deviation	N
PTSF	47,2452	8,59291	932
lnVd	5,4357	,35542	932
Vo	244,1631	81,30900	932

Correlations

		PTSF	lnVd	Vo
Pearson Correlation	PTSF	1,000	,860	,211
	lnVd	,860	1,000	,191
	Vo	,211	,191	1,000
Sig. (1-tailed)	PTSF	.	,000	,000
	lnVd	,000	.	,000
	Vo	,000	,000	.
N	PTSF	932	932	932
	lnVd	932	932	932
	Vo	932	932	932

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd[b]	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,861[a]	,741	,741	4,37680	,741	1329,771

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2[a]	929	,000

a. Predictors: (Constant), Vo, lnVd

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	50947,106	2	25473,553	1329,771	,000[b]
	Residual	17796,245	929	19,156		
	Total	68743,351	931			

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	**-65,755**	2,199		-29,909	,000
	lnVd	**20,562**	,411	,850	50,005	,000
	Vo	**,005**	,002	,048	2,809	,005

Coefficients[a]

Model		95,0% Confidence Interval for B		Correlations			Collinearity Statistics
		Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance
1	(Constant)	-70,070	-61,440				
	lnVd	19,755	21,369	,860	,854	,835	,963
	Vo	,002	,009	,211	,092	,047	,963

Coefficients[a]

Model		Collinearity Statistics
		VIF
1	(Constant)	
	lnVd	1,038
	Vo	1,038

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	lnVd	Vo
1	1	2,932	1,000	,00	,00	,01
	2	,066	6,661	,01	,01	,98
	3	,002	37,286	,99	,99	,01

a. Dependent Variable: PTSF

presjek 6 (stacionaža 13+050), smjer Salakovac - Grabovica

```
REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE ZPP
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT PTSF
  /METHOD=ENTER lnVd Vo.
```

Descriptive Statistics

	Mean	Std. Deviation	N
PTSF	47,3060	8,87719	864
lnVd	5,4556	,35015	864
Vo	245,8333	81,89058	864

Correlations

		PTSF	lnVd	Vo
Pearson Correlation	PTSF	1,000	,855	,279
	lnVd	,855	1,000	,232
	Vo	,279	,232	1,000
Sig. (1-tailed)	PTSF	.	,000	,000
	lnVd	,000	.	,000
	Vo	,000	,000	.
N	PTSF	864	864	864
	lnVd	864	864	864
	Vo	864	864	864

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd[b]	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,859[a]	,737	,737	4,55451	,737	1208,762

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2[a]	861	,000

a. Predictors: (Constant), Vo, lnVd

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	50148,025	2	25074,013	1208,762	,000[b]
	Residual	17860,198	861	20,744		
	Total	68008,223	863			

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	**-70,454**	2,423		-29,083	,000
	lnVd	**21,170**	,455	,835	46,510	,000
	Vo	**,009**	,002	,085	4,736	,000

Coefficients[a]

Model		95,0% Confidence Interval for B		Correlations			Collinearity Statistics
		Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance
1	(Constant)	-75,209	-65,700				
	lnVd	20,277	22,063	,855	,846	,812	,946
	Vo	,005	,013	,279	,159	,083	,946

Coefficients[a]

Model		Collinearity Statistics
		VIF
1	(Constant)	
	lnVd	1,057
	Vo	1,057

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	lnVd	Vo
1	1	2,932	1,000	,00	,00	,01
	2	,066	6,685	,01	,01	,97
	3	,002	38,189	,99	,99	,02

a. Dependent Variable: PTSF

presjek 7 (stacionaža 19+700), smjer Salakovac - Grabovica

```
REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE ZPP
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT PTSF
  /METHOD=ENTER lnVd Vo.
```

Descriptive Statistics

	Mean	Std. Deviation	N
PTSF	55,2177	10,99363	388
lnVd	5,5132	,49352	388
Vo	265,0000	143,68135	388

Correlations

		PTSF	lnVd	Vo
Pearson Correlation	PTSF	1,000	,876	,085
	lnVd	,876	1,000	,071
	Vo	,085	,071	1,000
Sig. (1-tailed)	PTSF	.	,000	,046
	lnVd	,000	.	,080
	Vo	,046	,080	.
N	PTSF	388	388	388
	lnVd	388	388	388
	Vo	388	388	388

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd[b]	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,876[a]	,767	,766	5,32008	,767	633,778

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2[a]	385	,000

a. Predictors: (Constant), Vo, lnVd

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	35876,013	2	17938,007	633,778	,000[b]
	Residual	10896,763	385	28,303		
	Total	46772,776	387			

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	**-52,568**	3,046		-17,256	,000
	lnVd	**19,466**	,549	,874	35,433	,000
	Vo	**,002**	,002	,023	,932	,352

Coefficients[a]

Model		95,0% Confidence Interval for B		Correlations			Collinearity Statistics
		Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance
1	(Constant)	-58,558	-46,579				
	lnVd	18,386	20,546	,876	,875	,872	,995
	Vo	-,002	,005	,085	,047	,023	,995

Coefficients[a]

Model		Collinearity Statistics
		VIF
1	(Constant)	
	lnVd	1,005
	Vo	1,005

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	lnVd	Vo
1	1	2,837	1,000	,00	,00	,02
	2	,159	4,228	,01	,01	,97
	3	,004	26,727	,99	,99	,00

a. Dependent Variable: PTSF

2. Smjer Grabovica - Salakovac:

presjek 7 (stacionaža 0+000), smjer Grabovica - Salakovac

```
REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE ZPP
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT PTSF
  /METHOD=ENTER lnVd Vo.
```

Descriptive Statistics

	Mean	Std. Deviation	N
PTSF	46,8469	8,47752	327
lnVd	5,5142	,42826	327
Vo	278,5321	169,98448	327

Correlations

		PTSF	lnVd	Vo
Pearson Correlation	PTSF	1,000	,815	,045
	lnVd	,815	1,000	,008
	Vo	,045	,008	1,000
Sig. (1-tailed)	PTSF	.	,000	,207
	lnVd	,000	.	,441
	Vo	,207	,441	.
N	PTSF	327	327	327
	lnVd	327	327	327
	Vo	327	327	327

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd[b]	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,815[a]	,665	,663	4,92185	,665	321,581

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2[a]	324	,000

a. Predictors: (Constant), Vo, lnVd

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	15580,342	2	7790,171	321,581	,000[b]
	Residual	7848,761	324	24,225		
	Total	23429,102	326			

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	**-42,567**	3,545		-12,007	,000
	lnVd	**16,118**	,637	,814	25,322	,000
	Vo	**,002**	,002	,038	1,197	,232

Coefficients[a]

Model		95,0% Confidence Interval for B		Correlations			Collinearity Statistics
		Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance
1	(Constant)	-49,541	-35,592				
	lnVd	14,866	17,371	,815	,815	,814	1,000
	Vo	-,001	,005	,045	,066	,038	1,000

Coefficients[a]

Model		Collinearity Statistics
		VIF
1	(Constant)	
	lnVd	1,000
	Vo	1,000

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	lnVd	Vo
1	1	2,804	1,000	,00	,00	,03
	2	,193	3,807	,00	,00	,97
	3	,003	30,652	,99	,99	,00

a. Dependent Variable: PTSF

presjek 6 (stacionaža 6+650), smjer Grabovica - Salakovac

```
REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE ZPP
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT PTSF
  /METHOD=ENTER lnVd Vo.
```

Descriptive Statistics

	Mean	Std. Deviation	N
PTSF	49,1320	7,23311	856
lnVd	5,4682	,31995	856
Vo	246,4019	96,16354	856

Correlations

		PTSF	lnVd	Vo
Pearson Correlation	PTSF	1,000	,808	,220
	lnVd	,808	1,000	,221
	Vo	,220	,221	1,000
Sig. (1-tailed)	PTSF	.	,000	,000
	lnVd	,000	.	,000
	Vo	,000	,000	.
N	PTSF	856	856	856
	lnVd	856	856	856
	Vo	856	856	856

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd[b]	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,809[a]	,655	,654	4,25177	,655	810,717

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2[a]	853	,000

a. Predictors: (Constant), Vo, lnVd

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	29311,581	2	14655,790	810,717	,000[b]
	Residual	15420,162	853	18,078		
	Total	44731,743	855			

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	**-50,416**	2,496		-20,200	,000
	lnVd	**18,057**	,466	,799	38,752	,000
	Vo	**,003**	,002	,044	2,118	,034

Coefficients[a]

Model		95,0% Confidence Interval for B		Correlations			Collinearity Statistics
		Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance
1	(Constant)	-55,315	-45,517				
	lnVd	17,142	18,971	,808	,799	,779	,951
	Vo	,000	,006	,220	,072	,043	,951

Coefficients[a]

Model		Collinearity Statistics
		VIF
1	(Constant)	
	lnVd	1,051
	Vo	1,051

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	lnVd	Vo
1	1	2,910	1,000	,00	,00	,01
	2	,088	5,743	,01	,01	,96
	3	,002	41,776	,99	,99	,02

a. Dependent Variable: PTSF

presjek 5 (stacionaža 7+550), smjer Grabovica - Salakovac

```
REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE ZPP
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT PTSF
  /METHOD=ENTER lnVd Vo.
```

Descriptive Statistics

	Mean	Std. Deviation	N
PTSF	46,9952	7,79897	1199
lnVd	5,4567	,33073	1199
Vo	252,2168	121,25562	1199

Correlations

		PTSF	lnVd	Vo
Pearson Correlation	PTSF	1,000	,839	,220
	lnVd	,839	1,000	,153
	Vo	,220	,153	1,000
Sig. (1-tailed)	PTSF	.	,000	,000
	lnVd	,000	.	,000
	Vo	,000	,000	.
N	PTSF	1199	1199	1199
	lnVd	1199	1199	1199
	Vo	1199	1199	1199

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd[b]	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,844[a]	,712	,712	4,18685	,712	1480,391

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2[a]	1196	,000

a. Predictors: (Constant), Vo, lnVd

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	51901,561	2	25950,781	1480,391	,000[b]
	Residual	20965,501	1196	17,530		
	Total	72867,063	1198			

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	**-60,630**	2,000		-30,311	,000
	lnVd	**19,447**	,370	,825	52,540	,000
	Vo	**,006**	,001	,093	5,922	,000

Coefficients[a]

Model		95,0% Confidence Interval for B		Correlations			Collinearity Statistics
		Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance
1	(Constant)	-64,554	-56,706				
	lnVd	18,721	20,173	,839	,835	,815	,976
	Vo	,004	,008	,220	,169	,092	,976

Coefficients[a]

Model		Collinearity Statistics
		VIF
1	(Constant)	
	lnVd	1,024
	Vo	1,024

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	lnVd	Vo
1	1	2,870	1,000	,00	,00	,02
	2	,129	4,723	,00	,00	,97
	3	,002	39,764	,99	1,00	,01

a. Dependent Variable: PTSF

presjek 4 (stacionaža 10+800), smjer Grabovica - Salakovac

```
REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE ZPP
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT PTSF
  /METHOD=ENTER lnVd Vo.
```

Descriptive Statistics

	Mean	Std. Deviation	N
PTSF	51,4974	8,92897	877
lnVd	5,5565	,37317	877
Vo	210,9008	134,14670	877

Correlations

		PTSF	lnVd	Vo
Pearson Correlation	PTSF	1,000	,853	,238
	lnVd	,853	1,000	,124
	Vo	,238	,124	1,000
Sig. (1-tailed)	PTSF	.	,000	,000
	lnVd	,000	.	,000
	Vo	,000	,000	.
N	PTSF	877	877	877
	lnVd	877	877	877
	Vo	877	877	877

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd[b]	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,864[a]	,746	,745	4,50524	,746	1283,445

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2[a]	874	,000

a. Predictors: (Constant), Vo, lnVd

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	52100,656	2	26050,328	1283,445	,000[b]
	Residual	17739,749	874	20,297		
	Total	69840,406	876			

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	**-61,636**	2,272		-27,128	,000
	lnVd	**20,022**	,411	,837	48,705	,000
	Vo	**,009**	,001	,134	7,793	,000

Coefficients[a]

Model		95,0% Confidence Interval for B		Correlations			Collinearity Statistics
		Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance
1	(Constant)	-66,096	-57,177				
	lnVd	19,216	20,829	,853	,855	,830	,985
	Vo	,007	,011	,238	,255	,133	,985

Coefficients[a]

Model		Collinearity Statistics
		VIF
1	(Constant)	
	lnVd	1,016
	Vo	1,016

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	lnVd	Vo
1	1	2,794	1,000	,00	,00	,03
	2	,204	3,704	,00	,00	,96
	3	,002	35,371	1,00	1,00	,01

a. Dependent Variable: PTSF

presjek 3 (stacionaža 14+700), smjer Grabovica - Salakovac

```
REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE ZPP
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT PTSF
  /METHOD=ENTER lnVd Vo.
```

Descriptive Statistics

	Mean	Std. Deviation	N
PTSF	52,9102	8,41959	1406
lnVd	5,5211	,34998	1406
Vo	259,8122	117,87262	1406

Correlations

		PTSF	lnVd	Vo
Pearson Correlation	PTSF	1,000	,837	,225
	lnVd	,837	1,000	,151
	Vo	,225	,151	1,000
Sig. (1-tailed)	PTSF	.	,000	,000
	lnVd	,000	.	,000
	Vo	,000	,000	.
N	PTSF	1406	1406	1406
	lnVd	1406	1406	1406
	Vo	1406	1406	1406

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd[b]	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,843[a]	,711	,711	4,52995	,711	1725,348

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2[a]	1403	,000

a. Predictors: (Constant), Vo, lnVd

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	70809,693	2	35404,846	1725,348	,000[b]
	Residual	28790,132	1403	20,520		
	Total	99599,825	1405			

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	**-58,150**	1,910		-30,438	,000
	lnVd	**19,776**	,349	,822	56,619	,000
	Vo	**,007**	,001	,101	6,949	,000

Coefficients[a]

Model		95,0% Confidence Interval for B		Correlations			Collinearity Statistics
		Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance
1	(Constant)	-61,897	-54,402				
	lnVd	19,091	20,462	,837	,834	,813	,977
	Vo	,005	,009	,225	,182	,100	,977

Coefficients[a]

Model		Collinearity Statistics
		VIF
1	(Constant)	
	lnVd	1,023
	Vo	1,023

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	lnVd	Vo
1	1	2,882	1,000	,00	,00	,02
	2	,116	4,976	,01	,01	,97
	3	,002	38,070	,99	,99	,01

a. Dependent Variable: PTSF

presjek 2 (stacionaža 17+400), smjer Grabovica - Salakovac

```
REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE ZPP
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT PTSF
  /METHOD=ENTER lnVd Vo.
```

Descriptive Statistics

	Mean	Std. Deviation	N
PTSF	48,9716	8,81012	1336
lnVd	5,5286	,32059	1336
Vo	264,2635	99,71538	1336

Correlations

		PTSF	lnVd	Vo
Pearson Correlation	PTSF	1,000	,837	,266
	lnVd	,837	1,000	,166
	Vo	,266	,166	1,000
Sig. (1-tailed)	PTSF	.	,000	,000
	lnVd	,000	.	,000
	Vo	,000	,000	.
N	PTSF	1336	1336	1336
	lnVd	1336	1336	1336
	Vo	1336	1336	1336

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd[b]	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,847[a]	,717	,716	4,69176	,717	1687,153

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2[a]	1333	,000

a. Predictors: (Constant), Vo, lnVd

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	74277,419	2	37138,709	1687,153	,000[b]
	Residual	29342,856	1333	22,013		
	Total	103620,275	1335			

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	**-77,920**	2,218		-35,126	,000
	lnVd	**22,400**	,406	,815	55,151	,000
	Vo	**,012**	,001	,131	8,845	,000

Coefficients[a]

Model		95,0% Confidence Interval for B		Correlations			Collinearity Statistics
		Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance
1	(Constant)	-82,272	-73,568				
	lnVd	21,603	23,197	,837	,834	,804	,973
	Vo	,009	,014	,266	,235	,129	,973

Coefficients[a]

Model		Collinearity Statistics
		VIF
1	(Constant)	
	lnVd	1,028
	Vo	1,028

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	lnVd	Vo
1	1	2,915	1,000	,00	,00	,01
	2	,084	5,900	,01	,01	,98
	3	,002	41,876	,99	,99	,01

a. Dependent Variable: PTSF

presjek 1 (stacionaža 19+700), smjer Grabovica - Salakovac

```
REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE ZPP
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT PTSF
  /METHOD=ENTER lnVd Vo.
```

Descriptive Statistics

	Mean	Std. Deviation	N
PTSF	53,2605	10,07566	1166
lnVd	5,5397	,39003	1166
Vo	265,5643	131,80720	1166

Correlations

		PTSF	lnVd	Vo
Pearson Correlation	PTSF	1,000	,867	,368
	lnVd	,867	1,000	,256
	Vo	,368	,256	1,000
Sig. (1-tailed)	PTSF	.	,000	,000
	lnVd	,000	.	,000
	Vo	,000	,000	.
N	PTSF	1166	1166	1166
	lnVd	1166	1166	1166
	Vo	1166	1166	1166

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd[b]	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,880[a]	,775	,774	4,78690	,775	1999,181

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2[a]	1163	,000

a. Predictors: (Constant), Vo, lnVd

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	91620,019	2	45810,010	1999,181	,000[b]
	Residual	26649,438	1163	22,914		
	Total	118269,457	1165			

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	**-68,286**	2,011		-33,962	,000
	lnVd	**21,370**	,372	,827	57,450	,000
	Vo	**,012**	,001	,156	10,832	,000

Coefficients[a]

Model		95,0% Confidence Interval for B		Correlations			Collinearity Statistics
		Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance
1	(Constant)	-72,231	-64,341				
	lnVd	20,640	22,099	,867	,860	,800	,934
	Vo	,010	,014	,368	,303	,151	,934

Coefficients[a]

Model		Collinearity Statistics
		VIF
1	(Constant)	
	lnVd	1,070
	Vo	1,070

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	lnVd	Vo
1	1	2,864	1,000	,00	,00	,02
	2	,134	4,631	,01	,00	,94
	3	,002	34,700	,99	,99	,04

a. Dependent Variable: PTSF

3. Snimanje zona duljine 450:

presjek 1.1 (stacionaža 1+100), smjer Salakovac – Grabovica

```
REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE ZPP
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT PTSF
  /METHOD=ENTER lnVd Vo.
```

Descriptive Statistics

	Mean	Std. Deviation	N
PTSF	50,7030	8,11706	404
lnVd	5,7178	,38700	404
Vo	304,4257	103,62414	404

Correlations

		PTSF	lnVd	Vo
Pearson Correlation	PTSF	1,000	,838	,139
	lnVd	,838	1,000	,094
	Vo	,139	,094	1,000
Sig. (1-tailed)	PTSF	.	,000	,003
	lnVd	,000	.	,029
	Vo	,003	,029	.
N	PTSF	404	404	404
	lnVd	404	404	404
	Vo	404	404	404

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd[b]	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,840[a]	,706	,705	4,40928	,706	482,368

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2[a]	401	,000

a. Predictors: (Constant), Vo, lnVd

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	18756,201	2	9378,101	482,368	,000[b]
	Residual	7796,155	401	19,442		
	Total	26552,356	403			

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	**-50,591**	3,270		-15,469	,000
	lnVd	**17,465**	,570	,833	30,635	,000
	Vo	**,005**	,002	,060	2,213	,027

Coefficients[a]

Model		95,0% Confidence Interval for B		Correlations			Collinearity Statistics
		Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance
1	(Constant)	-57,020	-44,161				
	lnVd	16,344	18,585	,838	,837	,829	,991
	Vo	,001	,009	,139	,110	,060	,991

Coefficients[a]

Model		Collinearity Statistics
		VIF
1	(Constant)	
	lnVd	1,009
	Vo	1,009

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	lnVd	Vo
1	1	2,928	1,000	,00	,00	,01
	2	,070	6,464	,01	,01	,99
	3	,002	35,857	,99	,99	,00

a. Dependent Variable: PTSF

presjek 2 (stacionaža 2+300), smjer Salakovac – Grabovica

```
/DESCRIPTIVES MEAN STDDEV CORR SIG N
/MISSING LISTWISE
/STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE ZPP
/CRITERIA=PIN(.05) POUT(.10)
/NOORIGIN
/DEPENDENT PTSF
/METHOD=ENTER lnVd Vo.
```

Descriptive Statistics

	Mean	Std. Deviation	N
PTSF	52,2741	8,95016	417
lnVd	5,6841	,40818	417
Vo	300,7866	108,00924	417

Correlations

		PTSF	lnVd	Vo
Pearson Correlation	PTSF	1,000	,850	,201
	lnVd	,850	1,000	,147
	Vo	,201	,147	1,000
Sig. (1-tailed)	PTSF	.	,000	,000
	lnVd	,000	.	,001
	Vo	,000	,001	.
N	PTSF	417	417	417
	lnVd	417	417	417
	Vo	417	417	417

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd[b]	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,853[a]	,728	,727	4,67892	,728	554,086

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2[a]	414	,000

a. Predictors: (Constant), Vo, lnVd

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	24260,431	2	12130,215	554,086	,000[b]
	Residual	9063,416	414	21,892		
	Total	33323,846	416			

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	**-54,150**	3,207		-16,883	,000
	lnVd	**18,384**	,568	,838	32,353	,000
	Vo	**,006**	,002	,077	2,988	,003

Coefficients[a]

Model		95,0% Confidence Interval for B		Correlations			Collinearity Statistics
		Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance
1	(Constant)	-60,455	-47,846				
	lnVd	17,267	19,501	,850	,847	,829	,978
	Vo	,002	,011	,201	,145	,077	,978

Coefficients[a]

Model		Collinearity Statistics
		VIF
1	(Constant)	
	lnVd	1,022
	Vo	1,022

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	lnVd	Vo
1	1	2,921	1,000	,00	,00	,01
	2	,076	6,182	,01	,01	,99
	3	,003	33,804	,99	,99	,00

a. Dependent Variable: PTSF

presjek 3.1 (stacionaža 6+900), smjer Salakovac – Grabovica

```
REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE ZPP
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT PTSF
  /METHOD=ENTER lnVd Vo.
```

Descriptive Statistics

	Mean	Std. Deviation	N
PTSF	52,3900	8,73938	388
lnVd	5,7039	,39010	388
Vo	297,0103	108,56703	388

Correlations

		PTSF	lnVd	Vo
Pearson Correlation	PTSF	1,000	,882	,109
	lnVd	,882	1,000	,098
	Vo	,109	,098	1,000
Sig. (1-tailed)	PTSF	.	,000	,016
	lnVd	,000	.	,027
	Vo	,016	,027	.
N	PTSF	388	388	388
	lnVd	388	388	388
	Vo	388	388	388

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd[b]	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,882[a]	,778	,777	4,12683	,778	675,280

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2[a]	385	,000

a. Predictors: (Constant), Vo, lnVd

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	23000,986	2	11500,493	675,280	,000[b]
	Residual	6556,816	385	17,031		
	Total	29557,802	387			

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	**-60,564**	3,087		-19,620	,000
	lnVd	**19,704**	,540	,880	36,466	,000
	Vo	**,002**	,002	,024	,982	,327

Coefficients[a]

Model		95,0% Confidence Interval for B		Correlations			Collinearity Statistics
		Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance
1	(Constant)	-66,633	-54,494				
	lnVd	18,641	20,766	,882	,881	,875	,990
	Vo	-,002	,006	,109	,050	,024	,990

Coefficients[a]

Model		Collinearity Statistics
		VIF
1	(Constant)	
	lnVd	1,010
	Vo	1,010

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	lnVd	Vo
1	1	2,918	1,000	,00	,00	,01
	2	,080	6,049	,01	,01	,99
	3	,002	35,430	,99	,99	,00

a. Dependent Variable: PTSF

presjek 3.2 (stacionaža 7+700), smjer Salakovac – Grabovica

```
REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE ZPP
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT PTSF
  /METHOD=ENTER lnVd Vo.
```

Descriptive Statistics

	Mean	Std. Deviation	N
PTSF	52,6968	8,97450	396
lnVd	5,7189	,38815	396
Vo	303,5556	106,01382	396

Correlations

		PTSF	lnVd	Vo
Pearson Correlation	PTSF	1,000	,882	,068
	lnVd	,882	1,000	,038
	Vo	,068	,038	1,000
Sig. (1-tailed)	PTSF	.	,000	,087
	lnVd	,000	.	,227
	Vo	,087	,227	.
N	PTSF	396	396	396
	lnVd	396	396	396
	Vo	396	396	396

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd[b]	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,882[a]	,779	,778	4,23324	,779	691,152

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2[a]	393	,000

a. Predictors: (Constant), Vo, lnVd

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	24771,265	2	12385,633	691,152	,000[b]
	Residual	7042,671	393	17,920		
	Total	31813,937	395			

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	**-64,616**	3,184		-20,296	,000
	lnVd	**20,355**	,549	,880	37,067	,000
	Vo	**,003**	,002	,035	1,479	,140

Coefficients[a]

Model		95,0% Confidence Interval for B		Correlations			Collinearity Statistics
		Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance
1	(Constant)	-70,875	-58,357				
	lnVd	19,276	21,435	,882	,882	,880	,999
	Vo	-,001	,007	,068	,074	,035	,999

Coefficients[a]

Model		Collinearity Statistics
		VIF
1	(Constant)	
	lnVd	1,001
	Vo	1,001

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	lnVd	Vo
1	1	2,923	1,000	,00	,00	,01
	2	,074	6,273	,01	,01	,98
	3	,002	35,798	,99	,99	,00

a. Dependent Variable: PTSF

presjek 3.2 (stacionaža 12+150), smjer Grabovica – Salakovac

```
REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE ZPP
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT PTSF
  /METHOD=ENTER lnVd Vo.
```

Descriptive Statistics

	Mean	Std. Deviation	N
PTSF	52,5744	9,12533	444
lnVd	5,6430	,36546	444
Vo	291,1261	146,29273	444

Correlations

		PTSF	lnVd	Vo
Pearson Correlation	PTSF	1,000	,848	,340
	lnVd	,848	1,000	,223
	Vo	,340	,223	1,000
Sig. (1-tailed)	PTSF	.	,000	,000
	lnVd	,000	.	,000
	Vo	,000	,000	.
N	PTSF	444	444	444
	lnVd	444	444	444
	Vo	444	444	444

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd[b]	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,863[a]	,744	,743	4,62777	,744	640,747

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2[a]	441	,000

a. Predictors: (Constant), Vo, lnVd

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	27444,800	2	13722,400	640,747	,000[b]
	Residual	9444,563	441	21,416		
	Total	36889,363	443			

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	**-64,863**	3,418		-18,979	,000
	lnVd	**20,298**	,617	,813	32,892	,000
	Vo	**,010**	,002	,159	6,453	,000

Coefficients[a]

Model		95,0% Confidence Interval for B		Correlations			Collinearity Statistics
		Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance
1	(Constant)	-71,580	-58,146				
	lnVd	19,085	21,511	,848	,843	,793	,950
	Vo	,007	,013	,340	,294	,155	,950

Coefficients[a]

Model		Collinearity Statistics
		VIF
1	(Constant)	
	lnVd	1,052
	Vo	1,052

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	lnVd	Vo
1	1	2,861	1,000	,00	,00	,02
	2	,137	4,567	,01	,00	,95
	3	,002	37,525	,99	1,00	,03

a. Dependent Variable: PTSF

presjek 3.1 (stacionaža 12+600), smjer Grabovica – Salakovac

```
REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE ZPP
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT PTSF
  /METHOD=ENTER lnVd Vo.
```

Descriptive Statistics

	Mean	Std. Deviation	N
PTSF	52,8357	9,46653	432
lnVd	5,6341	,35583	432
Vo	291,9815	148,76444	432

Correlations

		PTSF	lnVd	Vo
Pearson Correlation	PTSF	1,000	,855	,368
	lnVd	,855	1,000	,239
	Vo	,368	,239	1,000
Sig. (1-tailed)	PTSF	.	,000	,000
	lnVd	,000	.	,000
	Vo	,000	,000	.
N	PTSF	432	432	432
	lnVd	432	432	432
	Vo	432	432	432

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd[b]	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,871[a]	,759	,758	4,65676	,759	676,057

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2[a]	429	,000

a. Predictors: (Constant), Vo, lnVd

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	29321,102	2	14660,551	676,057	,000[b]
	Residual	9303,027	429	21,685		
	Total	38624,129	431			

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	**-72,316**	3,584		-20,180	,000
	lnVd	**21,642**	,649	,813	33,336	,000
	Vo	**,011**	,002	,173	7,099	,000

Coefficients[a]

Model		95,0% Confidence Interval for B		Correlations			Collinearity Statistics
		Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance
1	(Constant)	-79,359	-65,272				
	lnVd	20,366	22,918	,855	,849	,790	,943
	Vo	,008	,014	,368	,324	,168	,943

Coefficients[a]

Model		Collinearity Statistics
		VIF
1	(Constant)	
	lnVd	1,061
	Vo	1,061

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	lnVd	Vo
1	1	2,858	1,000	,00	,00	,02
	2	,140	4,515	,00	,00	,95
	3	,002	38,590	,99	1,00	,03

a. Dependent Variable: PTSF

presjek 2 (stacionaža 18+150), smjer Grabovica – Salakovac

```
REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE ZPP
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT PTSF
  /METHOD=ENTER lnVd Vo.
```

Descriptive Statistics

	Mean	Std. Deviation	N
PTSF	52,5486	9,57901	443
lnVd	5,6464	,35133	443
Vo	294,2483	141,64247	443

Correlations

		PTSF	lnVd	Vo
Pearson Correlation	PTSF	1,000	,838	,369
	lnVd	,838	1,000	,244
	Vo	,369	,244	1,000
Sig. (1-tailed)	PTSF	.	,000	,000
	lnVd	,000	.	,000
	Vo	,000	,000	.
N	PTSF	443	443	443
	lnVd	443	443	443
	Vo	443	443	443

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd[b]	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,855[a]	,731	,730	4,97974	,731	597,749

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2[a]	440	,000

a. Predictors: (Constant), Vo, lnVd

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	29645,751	2	14822,875	597,749	,000[b]
	Residual	10911,039	440	24,798		
	Total	40556,790	442			

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	**-73,379**	3,841		-19,106	,000
	lnVd	**21,687**	,695	,795	31,194	,000
	Vo	**,012**	,002	,175	6,846	,000

Coefficients[a]

Model		95,0% Confidence Interval for B		Correlations			Collinearity Statistics
		Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance
1	(Constant)	-80,927	-65,830				
	lnVd	20,320	23,053	,838	,830	,771	,940
	Vo	,008	,015	,369	,310	,169	,940

Coefficients[a]

Model		Collinearity Statistics
		VIF
1	(Constant)	
	lnVd	1,063
	Vo	1,063

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	lnVd	Vo
1	1	2,871	1,000	,00	,00	,02
	2	,127	4,751	,01	,00	,95
	3	,002	39,276	,99	1,00	,03

a. Dependent Variable: PTSF

presjek 1.1 (stacionaža 18+600), smjer Grabovica – Salakovac

```
REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE ZPP
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT PTSF
  /METHOD=ENTER lnVd Vo.
```

Descriptive Statistics

	Mean	Std. Deviation	N
PTSF	55,4190	9,48626	447
lnVd	5,6597	,35795	447
Vo	291,0425	141,62888	447

Correlations

		PTSF	lnVd	Vo
Pearson Correlation	PTSF	1,000	,847	,405
	lnVd	,847	1,000	,268
	Vo	,405	,268	1,000
Sig. (1-tailed)	PTSF	.	,000	,000
	lnVd	,000	.	,000
	Vo	,000	,000	.
N	PTSF	447	447	447
	lnVd	447	447	447
	Vo	447	447	447

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd[b]	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,867[a]	,751	,750	4,74353	,751	669,851

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2[a]	444	,000

a. Predictors: (Constant), Vo, lnVd

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	30144,706	2	15072,353	669,851	,000[b]
	Residual	9990,467	444	22,501		
	Total	40135,173	446			

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	**-67,597**	3,594		-18,806	,000
	lnVd	**21,073**	,651	,795	32,359	,000
	Vo	**,013**	,002	,192	7,826	,000

Coefficients[a]

Model		95,0% Confidence Interval for B		Correlations			Collinearity Statistics
		Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance
1	(Constant)	-74,661	-60,532				
	lnVd	19,793	22,353	,847	,838	,766	,928
	Vo	,010	,016	,405	,348	,185	,928

Coefficients[a]

Model		Collinearity Statistics
		VIF
1	(Constant)	
	lnVd	1,077
	Vo	1,077

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	lnVd	Vo
1	1	2,869	1,000	,00	,00	,02
	2	,129	4,714	,01	,00	,94
	3	,002	38,816	,99	1,00	,04

a. Dependent Variable: PTSF