

# Prilog III

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## Supplement / Prilog

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## 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<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd <sup>b</sup>	.	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 <sup>a</sup>	,778	,778	4,09142	,778	1920,791

**Model Summary**

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2 <sup>a</sup>	1096	,000

a. Predictors: (Constant), Vo, lnVd

**ANOVA<sup>a</sup>**

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

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

**Coefficients<sup>a</sup>**

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

**Coefficients<sup>a</sup>**

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<sup>a</sup>**

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

a. Dependent Variable: PTSF

**Collinearity Diagnostics<sup>a</sup>**

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	InVd	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<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd <sup>b</sup>	.	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 <sup>a</sup>	,719	,718	4,14404	,719	1619,550

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2 <sup>a</sup>	1268	,000

a. Predictors: (Constant), Vo, lnVd

ANOVA<sup>a</sup>

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

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

Coefficients<sup>a</sup>

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

Coefficients<sup>a</sup>

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<sup>a</sup>

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

a. Dependent Variable: PTSF

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	InVd	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<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd <sup>b</sup>	.	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 <sup>a</sup>	,792	,792	4,31601	,792	2607,519

**Model Summary**

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2 <sup>a</sup>	1366	,000

a. Predictors: (Constant), Vo, lnVd

**ANOVA<sup>a</sup>**

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

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

**Coefficients<sup>a</sup>**

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

**Coefficients<sup>a</sup>**

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<sup>a</sup>**

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

a. Dependent Variable: PTSF

**Collinearity Diagnostics<sup>a</sup>**

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	InVd	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<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd <sup>b</sup>	.	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 <sup>a</sup>	,775	,774	4,33663	,775	1157,628

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2 <sup>a</sup>	673	,000

a. Predictors: (Constant), Vo, InVd

ANOVA<sup>a</sup>

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

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, InVd

Coefficients<sup>a</sup>

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

Coefficients<sup>a</sup>

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				
	InVd	19,581	21,276	,875	,877	,866	,994
	Vo	,006	,013	,159	,190	,092	,994

Coefficients<sup>a</sup>

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

a. Dependent Variable: PTSF

**Collinearity Diagnostics<sup>a</sup>**

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	InVd	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<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd <sup>b</sup>	.	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 <sup>a</sup>	,741	,741	4,37680	,741	1329,771

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2 <sup>a</sup>	929	,000

a. Predictors: (Constant), Vo, InVd

ANOVA<sup>a</sup>

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

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, InVd

Coefficients<sup>a</sup>

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

Coefficients<sup>a</sup>

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				
	InVd	19,755	21,369	,860	,854	,835	,963
	Vo	,002	,009	,211	,092	,047	,963

Coefficients<sup>a</sup>

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

a. Dependent Variable: PTSF

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	InVd	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<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd <sup>b</sup>	.	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 <sup>a</sup>	,737	,737	4,55451	,737	1208,762

**Model Summary**

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2 <sup>a</sup>	861	,000

a. Predictors: (Constant), Vo, lnVd

**ANOVA<sup>a</sup>**

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

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

**Coefficients<sup>a</sup>**

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

**Coefficients<sup>a</sup>**

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<sup>a</sup>**

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

a. Dependent Variable: PTSF

**Collinearity Diagnostics<sup>a</sup>**

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	InVd	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<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd <sup>b</sup>	.	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 <sup>a</sup>	,767	,766	5,32008	,767	633,778

**Model Summary**

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2 <sup>a</sup>	385	,000

a. Predictors: (Constant), Vo, lnVd

**ANOVA<sup>a</sup>**

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

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

**Coefficients<sup>a</sup>**

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

**Coefficients<sup>a</sup>**

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<sup>a</sup>

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

a. Dependent Variable: PTSF

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	InVd	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<sup>a</sup>

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd <sup>b</sup>	.	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 <sup>a</sup>	,665	,663	4,92185	,665	321,581

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2 <sup>a</sup>	324	,000

a. Predictors: (Constant), Vo, lnVd

ANOVA<sup>a</sup>

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

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

Coefficients<sup>a</sup>

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

Coefficients<sup>a</sup>

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<sup>a</sup>

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

a. Dependent Variable: PTSF

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	InVd	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<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd <sup>b</sup>	.	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 <sup>a</sup>	,655	,654	4,25177	,655	810,717

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2 <sup>a</sup>	853	,000

a. Predictors: (Constant), Vo, InVd

ANOVA<sup>a</sup>

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

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, InVd

Coefficients<sup>a</sup>

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

Coefficients<sup>a</sup>

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				
	InVd	17,142	18,971	,808	,799	,779	,951
	Vo	,000	,006	,220	,072	,043	,951

Coefficients<sup>a</sup>

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

a. Dependent Variable: PTSF

**Collinearity Diagnostics<sup>a</sup>**

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	InVd	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<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd <sup>b</sup>	.	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 <sup>a</sup>	,712	,712	4,18685	,712	1480,391

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2 <sup>a</sup>	1196	,000

a. Predictors: (Constant), Vo, lnVd

ANOVA<sup>a</sup>

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

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

Coefficients<sup>a</sup>

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

Coefficients<sup>a</sup>

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<sup>a</sup>

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

a. Dependent Variable: PTSF

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	InVd	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<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd <sup>b</sup>	.	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 <sup>a</sup>	,746	,745	4,50524	,746	1283,445

**Model Summary**

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2 <sup>a</sup>	874	,000

a. Predictors: (Constant), Vo, InVd

**ANOVA<sup>a</sup>**

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

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, InVd

**Coefficients<sup>a</sup>**

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

**Coefficients<sup>a</sup>**

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				
	InVd	19,216	20,829	,853	,855	,830	,985
	Vo	,007	,011	,238	,255	,133	,985

Coefficients<sup>a</sup>

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

a. Dependent Variable: PTSF

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	InVd	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<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd <sup>b</sup>	.	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 <sup>a</sup>	,711	,711	4,52995	,711	1725,348

**Model Summary**

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2 <sup>a</sup>	1403	,000

a. Predictors: (Constant), Vo, lnVd

**ANOVA<sup>a</sup>**

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

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

**Coefficients<sup>a</sup>**

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

**Coefficients<sup>a</sup>**

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<sup>a</sup>

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

a. Dependent Variable: PTSF

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	InVd	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<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd <sup>b</sup>	.	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 <sup>a</sup>	,717	,716	4,69176	,717	1687,153

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2 <sup>a</sup>	1333	,000

a. Predictors: (Constant), Vo, InVd

ANOVA<sup>a</sup>

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

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, InVd

Coefficients<sup>a</sup>

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

Coefficients<sup>a</sup>

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				
	InVd	21,603	23,197	,837	,834	,804	,973
	Vo	,009	,014	,266	,235	,129	,973

Coefficients<sup>a</sup>

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

a. Dependent Variable: PTSF

**Collinearity Diagnostics<sup>a</sup>**

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	InVd	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<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd <sup>b</sup>	.	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 <sup>a</sup>	,775	,774	4,78690	,775	1999,181

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2 <sup>a</sup>	1163	,000

a. Predictors: (Constant), Vo, lnVd

ANOVA<sup>a</sup>

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

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

Coefficients<sup>a</sup>

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

Coefficients<sup>a</sup>

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<sup>a</sup>

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

a. Dependent Variable: PTSF

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	InVd	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<sup>a</sup>

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd <sup>b</sup>	.	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 <sup>a</sup>	,706	,705	4,40928	,706	482,368

**Model Summary**

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2 <sup>a</sup>	401	,000

a. Predictors: (Constant), Vo, lnVd

**ANOVA<sup>a</sup>**

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

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

**Coefficients<sup>a</sup>**

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

**Coefficients<sup>a</sup>**

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<sup>a</sup>

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

a. Dependent Variable: PTSF

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	InVd	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<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd <sup>b</sup>	.	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 <sup>a</sup>	,728	,727	4,67892	,728	554,086

**Model Summary**

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2 <sup>a</sup>	414	,000

a. Predictors: (Constant), Vo, lnVd

**ANOVA<sup>a</sup>**

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

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

**Coefficients<sup>a</sup>**

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

**Coefficients<sup>a</sup>**

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<sup>a</sup>

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

a. Dependent Variable: PTSF

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	InVd	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<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd <sup>b</sup>	.	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 <sup>a</sup>	,778	,777	4,12683	,778	675,280

**Model Summary**

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2 <sup>a</sup>	385	,000

a. Predictors: (Constant), Vo, lnVd

**ANOVA<sup>a</sup>**

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

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

**Coefficients<sup>a</sup>**

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

**Coefficients<sup>a</sup>**

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<sup>a</sup>

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

a. Dependent Variable: PTSF

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	InVd	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<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd <sup>b</sup>	.	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 <sup>a</sup>	,779	,778	4,23324	,779	691,152

Model Summary

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2 <sup>a</sup>	393	,000

a. Predictors: (Constant), Vo, InVd

ANOVA<sup>a</sup>

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

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, InVd

Coefficients<sup>a</sup>

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

Coefficients<sup>a</sup>

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				
	InVd	19,276	21,435	,882	,882	,880	,999
	Vo	-,001	,007	,068	,074	,035	,999

Coefficients<sup>a</sup>

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

a. Dependent Variable: PTSF

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	InVd	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<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd <sup>b</sup>	.	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 <sup>a</sup>	,744	,743	4,62777	,744	640,747

**Model Summary**

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2 <sup>a</sup>	441	,000

a. Predictors: (Constant), Vo, lnVd

**ANOVA<sup>a</sup>**

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

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

**Coefficients<sup>a</sup>**

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

**Coefficients<sup>a</sup>**

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<sup>a</sup>

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

a. Dependent Variable: PTSF

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	InVd	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<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd <sup>b</sup>	.	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 <sup>a</sup>	,759	,758	4,65676	,759	676,057

**Model Summary**

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2 <sup>a</sup>	429	,000

a. Predictors: (Constant), Vo, InVd

**ANOVA<sup>a</sup>**

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

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, InVd

**Coefficients<sup>a</sup>**

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

**Coefficients<sup>a</sup>**

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				
	InVd	20,366	22,918	,855	,849	,790	,943
	Vo	,008	,014	,368	,324	,168	,943

Coefficients<sup>a</sup>

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

a. Dependent Variable: PTSF

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	InVd	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<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd <sup>b</sup>	.	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 <sup>a</sup>	,731	,730	4,97974	,731	597,749

**Model Summary**

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2 <sup>a</sup>	440	,000

a. Predictors: (Constant), Vo, lnVd

**ANOVA<sup>a</sup>**

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

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

**Coefficients<sup>a</sup>**

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

**Coefficients<sup>a</sup>**

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<sup>a</sup>

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

a. Dependent Variable: PTSF

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	InVd	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<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	Vo, lnVd <sup>b</sup>	.	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 <sup>a</sup>	,751	,750	4,74353	,751	669,851

**Model Summary**

Model	Change Statistics		
	df1	df2	Sig. F Change
1	2 <sup>a</sup>	444	,000

a. Predictors: (Constant), Vo, lnVd

**ANOVA<sup>a</sup>**

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

a. Dependent Variable: PTSF

b. Predictors: (Constant), Vo, lnVd

**Coefficients<sup>a</sup>**

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

**Coefficients<sup>a</sup>**

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<sup>a</sup>

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

a. Dependent Variable: PTSF

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	InVd	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