

# Prilog II

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## Supplement / Prilog

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**PRILOG II: STATISTIČKA OBRADA TERENSKIH REZULTATA U SPSS 20;  
ANALIZA NEZAVISNIH VARIJABLI STUPANJSKOG REGRESIJSKOG MODELA**

**1. Smjer Salakovac – Grabovica:**

*Tablica. Sumarni prikaz analize*

presjeci:	slob. član	LN (Vd)	p (LN(Vd))	Vo	p (Vo)	broj HV	p (broj HV)
1	-44,123	16,225	0,000	0,002	0,378	-0,020	<b>0,074</b>
2	-57,739	18,957	0,000	0,005	0,000	-0,007	<b>0,317</b>
3	-79,603	21,938	0,000	0,007	0,000	-0,010	<b>0,149</b>
4	-68,912	20,617	0,000	0,009	0,000	-0,016	<b>0,096</b>
5	-65,893	20,600	0,000	0,005	0,005	-0,002	<b>0,807</b>
6	-70,683	21,228	0,000	0,009	0,000	-0,003	<b>0,798</b>
7	-51,579	19,400	0,000	0,002	0,435	-0,018	<b>0,227</b>

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

**Descriptive Statistics**

	Mean	Std. Deviation	N
PTSF	44,0793	9,05149	917
lnVd	5,4549	,41331	917
Vo	256,3795	121,27681	917
brojHV	34,3282	18,50641	917

**Correlations**

		PTSF	lnVd	Vo	brojHV
Pearson Correlation	PTSF	1,000	,736	,198	,131
	lnVd	,736	1,000	,238	,233
	Vo	,198	,238	1,000	-,029
	brojHV	,131	,233	-,029	1,000
Sig. (1-tailed)	PTSF	.	,000	,000	,000
	lnVd	,000	.	,000	,000
	Vo	,000	,000	.	,193
	brojHV	,000	,000	,193	.
N	PTSF	917	917	917	917
	lnVd	917	917	917	917
	Vo	917	917	917	917
	brojHV	917	917	917	917

**Variables Entered/Removed<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	brojHV, Vo, InVd <sup>b</sup>	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

**Model Summary<sup>b</sup>**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,738 <sup>a</sup>	,544	,543	6,12231	,544	363,063

**Model Summary<sup>b</sup>**

Model	Change Statistics			Durbin-Watson
	df1	df2	Sig. F Change	
1	3 <sup>a</sup>	913	,000	,913

a. Predictors: (Constant), brojHV, Vo, InVd

b. Dependent Variable: PTSF

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

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	40825,743	3	13608,581	363,063	,000 <sup>b</sup>
	Residual	34221,667	913	37,483		
	Total	75047,410	916			

a. Dependent Variable: PTSF

b. Predictors: (Constant), brojHV, Vo, InVd

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

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-44,123	2,700		-16,343	,000
	InVd	16,225	,520	,741	31,200	,000
	Vo	,002	,002	,020	,883	,378
	brojHV	-,020	,011	-,041	-1,786	,074

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)	-49,422	-38,824				
InVd	15,204	17,245	,736	,718	,697	,886
Vo	-,002	,005	,198	,029	,020	,936
brojHV	-,042	,002	,131	-,059	-,040	,938

Coefficients<sup>a</sup>

Model			Collinearity Statistics
			VIF
1 (Constant)			
InVd			1,129
Vo			1,068
brojHV			1,066

a. Dependent Variable: PTSF

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	InVd	Vo	brojHV
1	1	3,687	1,000	,00	,00	,01	,01
	2	,212	4,169	,00	,00	,31	,60
	3	,099	6,115	,01	,01	,64	,36
	4	,003	37,021	,98	,99	,03	,03

a. Dependent Variable: PTSF

Casewise Diagnostics<sup>a</sup>

Case Number	Std. Residual	PTSF	Predicted Value	Residual
4	-3,062	23,08	41,8226	-18,74564
14	-3,044	25,00	43,6352	-18,63524
843	3,241	56,76	36,9146	19,84217
868	3,450	59,52	38,3991	21,12472
902	3,721	64,71	41,9240	22,78185

a. Dependent Variable: PTSF

Residuals Statistics<sup>a</sup>

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	30,5595	67,8057	44,0793	6,67605	917
Residual	-18,74564	22,78185	,00000	6,11227	917
Std. Predicted Value	-2,025	3,554	,000	1,000	917
Std. Residual	-3,062	3,721	,000	,998	917

a. Dependent Variable: PTSF

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

## REGRESSION

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/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
brojHV	37,4388	18,08892	1271

**Correlations**

		PTSF	lnVd	Vo	brojHV
Pearson Correlation	PTSF	1,000	,846	,146	,269
	lnVd	,846	1,000	,105	,336
	Vo	,146	,105	1,000	,009
	brojHV	,269	,336	,009	1,000
Sig. (1-tailed)	PTSF	.	,000	,000	,000
	lnVd	,000	.	,000	,000
	Vo	,000	,000	.	,380
	brojHV	,000	,000	,380	.
N	PTSF	1271	1271	1271	1271
	lnVd	1271	1271	1271	1271
	Vo	1271	1271	1271	1271
	brojHV	1271	1271	1271	1271

**Variables Entered/Removed<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	brojHV, Vo, lnVd <sup>b</sup>	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary<sup>b</sup>

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	1080,036

Model Summary<sup>b</sup>

Model	Change Statistics			Durbin-Watson
	df1	df2	Sig. F Change	
1	3 <sup>a</sup>	1267	,000	,193

a. Predictors: (Constant), brojHV, Vo, InVd

b. Dependent Variable: PTSF

ANOVA<sup>a</sup>

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	55642,596	3	18547,532	1080,036	,000 <sup>b</sup>
	Residual	21758,287	1267	17,173		
	Total	77400,883	1270			

a. Dependent Variable: PTSF

b. Predictors: (Constant), brojHV, Vo, InVd

Coefficients<sup>a</sup>

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-57,739	1,910		-30,231	,000
	InVd	18,957	,357	,845	53,114	,000
	Vo	,005	,001	,058	3,844	,000
	brojHV	-,007	,007	-,016	-1,001	,317

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)	-61,486	-53,992				
	InVd	18,257	19,658	,846	,831	,791	,876
	Vo	,003	,008	,146	,107	,057	,988
	brojHV	-,020	,007	,269	-,028	-,015	,886

Coefficients<sup>a</sup>

Model		Collinearity Statistics	
		VIF	
1	(Constant)		
	InVd		1,141
	Vo		1,012
	brojHV		1,129

a. Dependent Variable: PTSF

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	InVd	Vo	brojHV
1	1	3,786	1,000	,00	,00	,01	,01
	2	,155	4,950	,00	,00	,13	,78
	3	,057	8,125	,01	,01	,87	,13
	4	,002	45,822	,98	,99	,00	,08

a. Dependent Variable: PTSF

Residuals Statistics<sup>a</sup>

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	29,9925	68,2361	48,6869	6,61914	1271
Residual	-10,00816	11,18164	,00000	4,13914	1271
Std. Predicted Value	-2,824	2,953	,000	1,000	1271
Std. Residual	-2,415	2,698	,000	,999	1271

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	42,6974	9,43354	1367
lnVd	5,5093	,37872	1367
Vo	261,7849	98,15289	1367
brojHV	32,1390	17,57193	1367

**Correlations**

		PTSF	lnVd	Vo	brojHV
Pearson Correlation	PTSF	1,000	,887	,212	,235
	lnVd	,887	1,000	,162	,285
	Vo	,212	,162	1,000	,041
	brojHV	,235	,285	,041	1,000
Sig. (1-tailed)	PTSF	.	,000	,000	,000
	lnVd	,000	.	,000	,000
	Vo	,000	,000	.	,066
	brojHV	,000	,000	,066	.
N	PTSF	1367	1367	1367	1367
	lnVd	1367	1367	1367	1367
	Vo	1367	1367	1367	1367
	brojHV	1367	1367	1367	1367

**Variables Entered/Removed<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	brojHV, Vo, lnVd <sup>b</sup>	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.



**Model Summary<sup>b</sup>**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,890 <sup>a</sup>	,791	,791	4,31345	,791	1723,519

**Model Summary<sup>b</sup>**

Model	Change Statistics			Durbin-Watson
	df1	df2	Sig. F Change	
1	3 <sup>a</sup>	1363	,000	,690

a. Predictors: (Constant), brojHV, Vo, InVd

b. Dependent Variable: PTSF

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

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	96202,814	3	32067,605	1723,519	,000 <sup>b</sup>
	Residual	25359,827	1363	18,606		
	Total	121562,641	1366			

a. Dependent Variable: PTSF

b. Predictors: (Constant), brojHV, Vo, InVd

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

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-79,603	1,725		-46,136	,000
	InVd	21,938	,326	,881	67,388	,000
	Vo	,007	,001	,070	5,575	,000
	brojHV	-,010	,007	-,019	-1,443	,149

**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)	-82,988	-76,218				
	InVd	21,300	22,577	,887	,877	,834	,896
	Vo	,004	,009	,212	,149	,069	,974
	brojHV	-,024	,004	,235	-,039	-,018	,919

Coefficients<sup>a</sup>

Model		Collinearity Statistics	
		VIF	
1	(Constant)		
	InVd		1,116
	Vo		1,027
	brojHV		1,089

a. Dependent Variable: PTSF

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	InVd	Vo	brojHV
1	1	3,734	1,000	,00	,00	,01	,01
	2	,187	4,469	,00	,00	,13	,82
	3	,077	6,969	,01	,01	,85	,11
	4	,002	41,020	,99	,99	,01	,05

a. Dependent Variable: PTSF

Residuals Statistics<sup>a</sup>

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	21,6424	70,7501	42,6974	8,39206	1367
Residual	-12,05560	11,08319	,00000	4,30872	1367
Std. Predicted Value	-2,509	3,343	,000	1,000	1367
Std. Residual	-2,795	2,569	,000	,999	1367

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
brojHV	34,0538	17,80127	676

**Correlations**

		PTSF	lnVd	Vo	brojHV
Pearson Correlation	PTSF	1,000	,875	,159	,197
	lnVd	,875	1,000	,077	,256
	Vo	,159	,077	1,000	,046
	brojHV	,197	,256	,046	1,000
Sig. (1-tailed)	PTSF	.	,000	,000	,000
	lnVd	,000	.	,023	,000
	Vo	,000	,023	.	,116
	brojHV	,000	,000	,116	.
N	PTSF	676	676	676	676
	lnVd	676	676	676	676
	Vo	676	676	676	676
	brojHV	676	676	676	676

**Variables Entered/Removed<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	brojHV, Vo, lnVd <sup>b</sup>	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary<sup>b</sup>

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,881 <sup>a</sup>	,776	,775	4,33091	,776	774,721

Model Summary<sup>b</sup>

Model	Change Statistics			Durbin-Watson
	df1	df2	Sig. F Change	
1	3 <sup>a</sup>	672	,000	,392

a. Predictors: (Constant), brojHV, Vo, InVd

b. Dependent Variable: PTSF

ANOVA<sup>a</sup>

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	43593,789	3	14531,263	774,721	,000 <sup>b</sup>
	Residual	12604,548	672	18,757		
	Total	56198,337	675			

a. Dependent Variable: PTSF

b. Predictors: (Constant), brojHV, Vo, InVd

Coefficients<sup>a</sup>

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-68,912	2,420		-28,478	,000
	InVd	20,617	,446	,876	46,261	,000
	Vo	,009	,002	,093	5,082	,000
	brojHV	-,016	,010	-,032	-1,668	,096

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)	-73,663	-64,161				
	InVd	19,742	21,492	,875	,872	,845	,930
	Vo	,006	,013	,159	,192	,093	,993
	brojHV	-,035	,003	,197	-,064	-,030	,934

Coefficients<sup>a</sup>

Model		Collinearity Statistics	
		VIF	
1	(Constant)		
	InVd		1,075
	Vo		1,007
	brojHV		1,071

a. Dependent Variable: PTSF

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	InVd	Vo	brojHV
1	1	3,765	1,000	,00	,00	,01	,01
	2	,171	4,698	,00	,00	,10	,87
	3	,062	7,765	,02	,01	,90	,08
	4	,002	39,921	,98	,98	,00	,04

a. Dependent Variable: PTSF

Casewise Diagnostics<sup>a</sup>

Case Number	Std. Residual	PTSF	Predicted Value	Residual
28	3,035	44,83	31,6840	13,14601

a. Dependent Variable: PTSF

Residuals Statistics<sup>a</sup>

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	28,2312	70,2648	46,9057	8,03638	676
Residual	-12,35509	13,14601	,00000	4,32127	676
Std. Predicted Value	-2,324	2,907	,000	1,000	676
Std. Residual	-2,853	3,035	,000	,998	676

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
brojHV	33,6400	17,33047	932

**Correlations**

		PTSF	lnVd	Vo	brojHV
Pearson Correlation	PTSF	1,000	,860	,211	,313
	lnVd	,860	1,000	,191	,367
	Vo	,211	,191	1,000	,112
	brojHV	,313	,367	,112	1,000
Sig. (1-tailed)	PTSF	.	,000	,000	,000
	lnVd	,000	.	,000	,000
	Vo	,000	,000	.	,000
	brojHV	,000	,000	,000	.
N	PTSF	932	932	932	932
	lnVd	932	932	932	932
	Vo	932	932	932	932
	brojHV	932	932	932	932

**Variables Entered/Removed<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	brojHV, Vo, lnVd <sup>b</sup>	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary<sup>b</sup>

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	,740	4,37901	,741	885,636

Model Summary<sup>b</sup>

Model	Change Statistics			Durbin-Watson
	df1	df2	Sig. F Change	
1	3 <sup>a</sup>	928	,000	,906

a. Predictors: (Constant), brojHV, Vo, InVd

b. Dependent Variable: PTSF

ANOVA<sup>a</sup>

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	50948,246	3	16982,749	885,636	,000 <sup>b</sup>
	Residual	17795,105	928	19,176		
	Total	68743,351	931			

a. Dependent Variable: PTSF

b. Predictors: (Constant), brojHV, Vo, InVd

Coefficients<sup>a</sup>

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-65,893	2,271		-29,010	,000
	InVd	20,600	,440	,852	46,831	,000
	Vo	,005	,002	,048	2,816	,005
	brojHV	-,002	,009	-,004	-,244	,807

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)	-70,351	-61,435				
	InVd	19,736	21,463	,860	,838	,782	,843
	Vo	,002	,009	,211	,092	,047	,961
	brojHV	-,020	,015	,313	-,008	-,004	,864

Coefficients<sup>a</sup>

Model		Collinearity Statistics	
		VIF	
1	(Constant)		
	InVd		1,187
	Vo		1,040
	brojHV		1,158

a. Dependent Variable: PTSF

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	InVd	Vo	brojHV
1	1	3,774	1,000	,00	,00	,01	,01
	2	,160	4,856	,00	,00	,09	,85
	3	,064	7,672	,01	,01	,90	,04
	4	,002	44,455	,99	,99	,01	,10

a. Dependent Variable: PTSF

Residuals Statistics<sup>a</sup>

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	29,4203	73,7985	47,2452	7,39758	932
Residual	-10,36126	10,68583	,00000	4,37195	932
Std. Predicted Value	-2,410	3,589	,000	1,000	932
Std. Residual	-2,366	2,440	,000	,998	932

a. Dependent Variable: PTSF



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

## REGRESSION

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/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.

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**Descriptive Statistics**

	Mean	Std. Deviation	N
PTSF	47,3060	8,87719	864
lnVd	5,4556	,35015	864
Vo	245,8333	81,89058	864
brojHV	35,0401	16,54088	864

**Correlations**

		PTSF	lnVd	Vo	brojHV
Pearson Correlation	PTSF	1,000	,855	,279	,396
	lnVd	,855	1,000	,232	,464
	Vo	,279	,232	1,000	,140
	brojHV	,396	,464	,140	1,000
Sig. (1-tailed)	PTSF	.	,000	,000	,000
	lnVd	,000	.	,000	,000
	Vo	,000	,000	.	,000
	brojHV	,000	,000	,000	.
N	PTSF	864	864	864	864
	lnVd	864	864	864	864
	Vo	864	864	864	864
	brojHV	864	864	864	864

**Variables Entered/Removed<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	brojHV, Vo, lnVd <sup>b</sup>	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

**Model Summary<sup>b</sup>**

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	,736	4,55698	,737	804,988

**Model Summary<sup>b</sup>**

Model	Change Statistics			Durbin-Watson
	df1	df2	Sig. F Change	
1	3 <sup>a</sup>	860	,000	,284

a. Predictors: (Constant), brojHV, Vo, InVd

b. Dependent Variable: PTSF

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

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	50149,381	3	16716,460	804,988	,000 <sup>b</sup>
	Residual	17858,842	860	20,766		
	Total	68008,223	863			

a. Dependent Variable: PTSF

b. Predictors: (Constant), brojHV, Vo, InVd

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

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-70,683	2,583		-27,361	,000
	InVd	21,228	,510	,837	41,662	,000
	Vo	,009	,002	,085	4,739	,000
	brojHV	-,003	,011	-,005	-,256	,798

**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)	-75,753	-65,612				
	InVd	20,228	22,228	,855	,818	,728	,756
	Vo	,005	,013	,279	,160	,083	,945
	brojHV	-,024	,018	,396	-,009	-,004	,783

Coefficients<sup>a</sup>

Model		Collinearity Statistics	
		VIF	
1	(Constant)		
	InVd		1,323
	Vo		1,058
	brojHV		1,277

a. Dependent Variable: PTSF

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	InVd	Vo	brojHV
1	1	3,799	1,000	,00	,00	,01	,01
	2	,136	5,280	,00	,00	,12	,77
	3	,063	7,741	,01	,01	,86	,05
	4	,002	47,531	,99	,99	,01	,17

a. Dependent Variable: PTSF

Residuals Statistics<sup>a</sup>

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	27,7510	75,7945	47,3060	7,62303	864
Residual	-10,48166	11,71273	,00000	4,54906	864
Std. Predicted Value	-2,565	3,737	,000	1,000	864
Std. Residual	-2,300	2,570	,000	,998	864

a. Dependent Variable: PTSF

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

## REGRESSION

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/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.

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**Descriptive Statistics**

	Mean	Std. Deviation	N
PTSF	54,8726	10,63744	383
lnVd	5,4975	,47672	383
Vo	265,5248	144,50295	383
brojHV	33,6575	19,04575	383

**Correlations**

		PTSF	lnVd	Vo	brojHV
Pearson Correlation	PTSF	1,000	,866	,098	,118
	lnVd	,866	1,000	,084	,176
	Vo	,098	,084	1,000	-,149
	brojHV	,118	,176	-,149	1,000
Sig. (1-tailed)	PTSF	.	,000	,027	,010
	lnVd	,000	.	,051	,000
	Vo	,027	,051	.	,002
	brojHV	,010	,000	,002	.
N	PTSF	383	383	383	383
	lnVd	383	383	383	383
	Vo	383	383	383	383
	brojHV	383	383	383	383

**Variables Entered/Removed<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	brojHV, Vo, lnVd <sup>b</sup>	.	Enter

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary<sup>b</sup>

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,866 <sup>a</sup>	,751	,749	5,33195	,751	380,475

Model Summary<sup>b</sup>

Model	Change Statistics			Durbin-Watson
	df1	df2	Sig. F Change	
1	3 <sup>a</sup>	379	,000	1,608

a. Predictors: (Constant), brojHV, Vo, InVd

b. Dependent Variable: PTSF

ANOVA<sup>a</sup>

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	32450,415	3	10816,805	380,475	,000 <sup>b</sup>
	Residual	10774,870	379	28,430		
	Total	43225,285	382			

a. Dependent Variable: PTSF

b. Predictors: (Constant), brojHV, Vo, InVd

Coefficients<sup>a</sup>

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-51,579	3,167		-16,287	,000
	InVd	19,400	,585	,869	33,157	,000
	Vo	,002	,002	,020	,782	,435
	brojHV	-,018	,015	-,032	-1,210	,227

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)	-57,806	-45,352				
	InVd	18,250	20,551	,866	,862	,850	,957
	Vo	-,002	,005	,098	,040	,020	,965
	brojHV	-,047	,011	,118	-,062	-,031	,942

Coefficients<sup>a</sup>

Model		Collinearity Statistics	
		VIF	
1	(Constant)		
	InVd		1,045
	Vo		1,036
	brojHV		1,062

a. Dependent Variable: PTSF

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	InVd	Vo	brojHV
1	1	3,620	1,000	,00	,00	,01	,01
	2	,270	3,659	,00	,00	,39	,44
	3	,106	5,830	,02	,01	,59	,54
	4	,004	31,326	,98	,98	,00	,01

a. Dependent Variable: PTSF

Residuals Statistics<sup>a</sup>

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	37,4007	81,5186	54,8726	9,21676	383
Residual	-14,61296	14,53409	,00000	5,31098	383
Std. Predicted Value	-1,896	2,891	,000	1,000	383
Std. Residual	-2,741	2,726	,000	,996	383

a. Dependent Variable: PTSF