Prilog II

Čutura, Boris

Supplement / Prilog

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	**0,074**
2	-57,739	18,957	0,000	0,005	0,000	-0,007	**0,317**
3	-79,603	21,938	0,000	0,007	0,000	-0,010	**0,149**
4	-68,912	20,617	0,000	0,009	0,000	-0,016	**0,096**
5	-65,893	20,600	0,000	0,005	0,005	-0,002	**0,807**
6	-70,683	21,228	0,000	0,009	0,000	-0,003	**0,798**
7	-51,579	19,400	0,000	0,002	0,435	-0,018	**0,227**

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[a]

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

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,738[a]	,544	,543	6,12231	,544	363,063

Model Summary[b]

Model	Change Statistics			Durbin-Watson
	df1	df2	Sig. F Change	
1	3[a]	913	,000	,913

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

b. Dependent Variable: PTSF

ANOVA[a]

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

a. Dependent Variable: PTSF

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

Coefficients[a]

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

Coefficients[a]

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				
	lnVd	15,204	17,245	,736	,718	,697	,886
	Vo	-,002	,005	,198	,029	,020	,936
	brojHV	-,042	,002	,131	-,059	-,040	,938

Coefficients[a]

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

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	lnVd	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[a]

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[a]

	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

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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
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[a]

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

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary[b]

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	1080,036

Model Summary[b]

Model	Change Statistics			Durbin-Watson
	df1	df2	Sig. F Change	
1	3[a]	1267	,000	,193

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

b. Dependent Variable: PTSF

ANOVA[a]

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

a. Dependent Variable: PTSF

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

Coefficients[a]

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

Coefficients[a]

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				
	lnVd	18,257	19,658	,846	,831	,791	,876
	Vo	,003	,008	,146	,107	,057	,988
	brojHV	-,020	,007	,269	-,028	-,015	,886

Coefficients[a]

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

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	lnVd	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[a]

	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

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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[a]

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

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,890[a]	,791	,791	4,31345	,791	1723,519

Model Summary[b]

Model	Change Statistics			Durbin-Watson
	df1	df2	Sig. F Change	
1	3[a]	1363	,000	,690

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

b. Dependent Variable: PTSF

ANOVA[a]

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

a. Dependent Variable: PTSF

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

Coefficients[a]

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

Coefficients[a]

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				
	lnVd	21,300	22,577	,887	,877	,834	,896
	Vo	,004	,009	,212	,149	,069	,974
	brojHV	-,024	,004	,235	-,039	-,018	,919

Coefficients[a]

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

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	lnVd	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[a]

	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

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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[a]

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

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,881[a]	,776	,775	4,33091	,776	774,721

Model Summary[b]

Model	Change Statistics			Durbin-Watson
	df1	df2	Sig. F Change	
1	3[a]	672	,000	,392

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

b. Dependent Variable: PTSF

ANOVA[a]

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

a. Dependent Variable: PTSF

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

Coefficients[a]

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

Coefficients[a]

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				
	lnVd	19,742	21,492	,875	,872	,845	,930
	Vo	,006	,013	,159	,192	,093	,993
	brojHV	-,035	,003	,197	-,064	-,030	,934

Coefficients[a]

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

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	lnVd	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[a]

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

a. Dependent Variable: PTSF

Residuals Statistics[a]

	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

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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[a]

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

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,861[a]	,741	,740	4,37901	,741	885,636

Model Summary[b]

Model	Change Statistics			Durbin-Watson
	df1	df2	Sig. F Change	
1	3[a]	928	,000	,906

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

b. Dependent Variable: PTSF

ANOVA[a]

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

a. Dependent Variable: PTSF

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

Coefficients[a]

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

Coefficients[a]

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				
	lnVd	19,736	21,463	,860	,838	,782	,843
	Vo	,002	,009	,211	,092	,047	,961
	brojHV	-,020	,015	,313	-,008	-,004	,864

Coefficients[a]

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

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	lnVd	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[a]

	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

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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
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[a]

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

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,859[a]	,737	,736	4,55698	,737	804,988

Model Summary[b]

Model	Change Statistics			Durbin-Watson
	df1	df2	Sig. F Change	
1	3[a]	860	,000	,284

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

b. Dependent Variable: PTSF

ANOVA[a]

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

a. Dependent Variable: PTSF

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

Coefficients[a]

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

Coefficients[a]

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				
	lnVd	20,228	22,228	,855	,818	,728	,756
	Vo	,005	,013	,279	,160	,083	,945
	brojHV	-,024	,018	,396	-,009	-,004	,783

Coefficients[a]

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

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	lnVd	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[a]

	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

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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	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[a]

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

a. Dependent Variable: PTSF

b. All requested variables entered.

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	,866[a]	,751	,749	5,33195	,751	380,475

Model Summary[b]

Model	Change Statistics			Durbin-Watson
	df1	df2	Sig. F Change	
1	3[a]	379	,000	1,608

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

b. Dependent Variable: PTSF

ANOVA[a]

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

a. Dependent Variable: PTSF

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

Coefficients[a]

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

Coefficients[a]

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				
	lnVd	18,250	20,551	,866	,862	,850	,957
	Vo	-,002	,005	,098	,040	,020	,965
	brojHV	-,047	,011	,118	-,062	-,031	,942

Coefficients[a]

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

a. Dependent Variable: PTSF

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	lnVd	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[a]

	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