

LAMPIRAN

Lampiran 1: Surat Penelitian



KEMENTERIAN PERTAHANAN RI
UNIVERSITAS PERTAHANAN
Teraakreditasi BAN-PT "A"

Nomor : B/3022/XI/2020
Klasifikasi : Biasa
Lampiran : -
Hal : Permohonan Izin dan Rekomendasi Pelaksanaan Penelitian


Jakarta, 27 November 2020

Kepada
Yth. Kepala Staf TNI Angkatan Laut
di
Jakarta

u.p Komandan Satuan Kapal Selam Koarmada II

1. Dasar:
 - a. Peraturan Presiden Nomor 5 Tahun 2011 tentang Universitas Pertahanan sebagai Perguruan Tinggi yang Diselenggarakan Oleh Pemerintah.
 - b. Keputusan Keputusan Rektor Universitas Pertahanan Nomor: KEP/155/XII/2019 tanggal 18 Desember 2019 tentang Program Kerja dan Anggaran Universitas Pertahanan TA. 2020.
 - c. Kalendar Akademik Program Studi Teknologi Daya Gerak Fakultas Teknologi Pertahanan Universitas Pertahanan Tahun Akademik 2019/2020.
2. Sehubungan dasar di atas, dengan hormat disampaikan bahwa:
 - a. Sebagai syarat kelulusan Program Pascasarjana Universitas Pertahanan, bagi mahasiswa diwajibkan menyusun tesis yang terkait dengan bidang program studinya.
 - b. Mahasiswa Program Studi Teknologi Daya Gerak Fakultas Teknologi Pertahanan Unhan atas nama Timbul Haryanto Agus Rahmadi, NIM: 120190404005, nomor HP: 081379904099, toni197637@gmail.com, bermaksud menyusun tesis dengan judul: "Kemampuan Operasional Kapal Selam Guna Memperkuat Daya Tangkal Sistem Pertahanan Negara".
3. Berkenaan dengan hal tersebut mohon diizinkan mahasiswa dimaksud untuk melaksanakan penelitian dalam rangka mendapatkan data dan keterangan termasuk melakukan wawancara dengan pejabat yang ditunjuk.
4. Demikian mohon menjadikan periksa.

a.n. Rektor
Universitas Pertahanan
Warek I Bid. Akademik dan Kemahasiswaan,


Dr. Jonni Mahroza, S.I.P., M.A., M.Sc., CIQnR., CIQaR
Mayor Jenderal TNI

Tembusan:

1. Sekjen Kemhan
2. Rektor Unhan
3. Warek II dan Warek III Unhan
4. Asintel Kasal
5. Kasatwas Unhan
6. Ka LPPM Unhan
7. Dekan Fakultas Teknologi Pertahanan Unhan
8. Pangkoarmada II
9. Sesprodi Teknologi Daya Gerak FTP Unhan.

Jalan Salemba Raya No.14 Jakarta Telepon : 021-3927459

Lampiran 2: Kuesioner Penelitian

KOESIONER

Kepada responden yang terhormat.

Bersama dengan segala kesibukan Bapak/Ibu/Saudara perkenankan kami memohon Kepada Bapak/Ibu/Saudara untuk berkenan mengisi Kuesioner Penelitian ini. Penelitian yang kami lakukan tersebut semata-mata hanya untuk kepentingan ilmiah dengan judul **“Kemampuan Operasional Kapal Selam Guna Memperkuat Daya Tangkal Sistem Pertahanan Negara”** sehingga jawaban jujur dari Bapak/Ibu/Saudara sangat kami harapkan.

Akhir kata, kami mengucapkan terima kasih atas waktu yang telah disediakan Bapak/Ibu/Saudara dalam mengisi kuesioner ini.

Hormat kami

Timbul Haryanto A.R

NIM. 120190404005

I. Identitas Responden

Petunjuk: Berilah tanda silang (X) pada jawaban yang anda anggap paling sesuai.

1. Sebutkan Nama Anda:

.....

2. Apakah Rank Kepangkatan anda saat ini?

Pamen Pama Bintara Tamtama

3. Secara khusus dimanakah anda bertugas saat ini?

Staf kapal selam Kapal selam

4. Apakah anda telah mengikuti pendidikan Brevet kapal selam?

Ya Tidak

Variabel X1

SEWACO						
No	Pertanyaan	Penilaian				
		ST S	T S	N	S	S S
1	Apakah sistem deketsi terintergrasi dapat meningkatkan kehandalan kapal selam?					
2	Apakah sistem deteksi yang modern dapat mendeteksi objek secara khusus?					
3	Apakah deteksi kapal selam dapat mendeteksi ranjau laut?					
4	Apakah kapal selam perlu dilengkapi peralatan untuk mengamati objek sasaran dengan cepat dan akurat?					
5	Apakah sistem navigasi kapal selam dapat menampilkan posisi dan kecepatan kapal saat menyelam?					
6	Apakah sistem navigasi dapat memperkirakan dan menghitung lokasi tujuannya?					
7	Apakah sistem navigasi dapat mengirim informasi tentang lokasi kapal selam?					
8	Apakah sistem persenjataan torpedo dapat digunakan untuk menghancurkan secara massal?					
9	Apakah kapal selam perlu dilengkapi sistem persenjataan yang akurat?					
10	Apakah kapal selam perlu sistem persenjataan yang memiliki Jarak jangkauan sangat jauh?					
11	Apakah sistem komunikasi mengalami gangguan komunikasi akibat salinitas dan kedalaman?					
12	Apakah sistem komunikasi memiliki Kapasitas input data lebih banyak, lebih cepat dan tepat?					
13	Apakah sistem komunikasi memiliki Jaminan keamanan saluran informasi lebih handal dan aman?					
14	Apakah sistem teknologi informasi dapat menyajikan situasi taktis di mandala operasi yang lebih baik?					

Variabel X2

PLATFORM						
No	Pertanyaan	Penilaian				
		ST S	T S	N	S	S S
1	Apakah material badan kapal perlu didesain untuk tidak mudah terdeteksi oleh lawan?					
2	Apakah desain kapal selam lebih kecil, lebih ramping dan kuat dapat meningkatkan kehandalan kapal selam?					
3	Apakah standart minimal perawatan badan kapal selam dapat meningkatkan kehandalan kapal selam?					
4	Apakah diperlukan kemampuan manuver kapal selam agar tidak dapat dideteksi?					
5	Apakah kapal selam dengan kemampuan olah gerak yang baik dapat meningkatkan kehandalan kapal selam?					
6	Apakah kemampuan sistem pemeliharaan dan kemudahan dalam pengoperasian mempengaruhi kehandalan kapal selam?					
7	Apakah sistem propulsi an dan jarak jelajah kapal selam mendukung kehandalan kapal selam?					
8	Apakah kapasitas bahan bakar mempengaruhi kemampuan bertahan dalam daerah operasi?					
9	Apakah jenis sistem pendorong mempengaruhi kemampuan operasional?					
10	Apakah perawatan baterai yang mudah dapat meningkatkan kesigapan kapal selam?					
11	Apakah daya tahan baterai yang lama dapat meningkatkan jangkauan operasi?					
12	Apakah kecepatan pengisian daya baterai kapal selam dapat mempercepat penyelaman?					
13	Apakah inovasi manajemen baterai dapat meningkatkan kemampuan operasi?					

Variabel X3

PANGKALAN						
No	Pertanyaan	Penilaian				
		ST S	T S	N	S	S S

1	Apakah ketersediaan Ponton Kapal Selam dapat menunjang kesiapan operasi?					
2	Apakah ketersediaan Instalasi listrik darat sesuai kebutuhan kapal selam dapat menunjang kesiapan operasi?					
3	Apakah kecepatan waktu Sistem Charging-Discharging dapat menunjang kesiapan operasi?					
4	Apakah ketersediaan fasilitas bongkar muat amonisi senjata dapat menunjang kesiapan operasi?					
5	Apakah ketersediaan fasilitas pengisian bahan bakar dapat menunjang kesiapan operasi?					
6	Apakah ketersediaan fasilitas latihan keselamatan dapat menunjang kesiapan operasi?					
7	Apakah ketersediaan fasilitas docking kapal selam dapat menunjang kesiapan operasi?					
8	Apakah ketersediaan fasilitas Pemeliharaan SEWACO dapat menunjang kesiapan operasi?					
9	Apakah ketersediaan fasilitas bengkel dan suku cadang kapal selam dapat menunjang kesiapan operasi?					
10	Apakah ketersediaan fasilitas pergudangan logistik kapal selam dapat menunjang kesiapan operasi?					
11	Apakah ketersediaan fasilitas rekreasi dapat meningkatkan mental personel?					
12	Apakah ketersediaan fasilitas kesehatan dapat meningkatkan kemampuan fisik personel?					

Variabel Y

Kemampuan Operasional						
No	Pertanyaan	Penilaian				
		STS	TS	N	S	SS
1	Apakah kondisi arus laut daerah operasi mempengaruhi kemampuan operasional?					
2	Apakah kondisi gelombang di daerah operasi mempengaruhi kemampuan operasional?					
3	Apakah kondisi alur laut di daerah operasi mempengaruhi kemampuan operasional?					
4	Apakah Kapal selam berbahan bakar Nuklir lebih handal dibandingkan kapal selam konvensional?					
5	Apakah Kapasitas baterai kapal selam mempengaruhi kemampuan operasional?					

6	Apakah fasilitas pengisian bahan bakar berpengaruh terhadap kesiapan operasi					
7	Apakah ketersediaan arus listrik berpengaruh terhadap kesiapan operasi					
8	Apakah fasilitas perbaikan kapal selam berpengaruh terhadap kesiapan operasi					
9	Apakah ketersediaan suku cadang berpengaruh terhadap kesiapan operasi					
10	Apakah fasilitas latihan keselamatan kapal selam berpengaruh terhadap kesigapan ketika operasi					
11	Apakah fasilitas Penyelamatan kapal selam berpengaruh terhadap kesiapan operasi					
12	Apakah Keletihan material lambung kapal dapat menghambat operasional kapal selam					
13	Apakah volume tangki bahan bakar dapat menunjang kemampuan operasi					

Variabel Z

DAYA TANGKAL						
No	Pertanyaan	ST	T	N	S	S
		S	S			S
1	Apakah keberadaan kapal selam dapat menekan kekuatan laut lawan.					
2	Apakah keberadaan kapal selam dapat menimbulkan efek jera pada kekuatan laut lawan					
3	Apakah keberadaan kapal selam memiliki Kemampuan yang diperhitungkan musuh					
4	Apakah keberadaan kapal selam mampu melaksanakan pengawasan laut di daerah operasi					
5	Apakah kuantitas armada kapal selam dapat menjadikan daya tangkal					
6	Apakah modernisasi persenjataan kapal selam dapat meningkatkan efek daya tangkal					
7	Apakah kemandirian teknologi kapal selam dapat meningkatkan efek daya tangkal					
8	Apakah penambahan pangkalan di daerah rawan dapat meningkatkan efek daya tangkal					

9	Apakah peningkatan fasilitas pangkalan dapat meningkatkan efek daya tangkal.					
10	Apakah penguasaan laut menggunakan kapal selam dapat meningkatkan daya tangkal					
11	Apakah operasi latihan kapal selam secara mandiri akan meningkatkan daya tangkal					
12	Apakah kerjasama TOT dengan negara asing dapat meningkatkan daya tangkal					
13	Apakah pembangunan kapal selam secara mandiri dapat meningkatkan daya tangkal					
14	Apakah kemajuan teknologi deteksi bawah air dapat meningkatkan daya tangkal					
15	Apakah penguasaan teknologi pendorong kapal selam dapat meningkatkan daya tangkal					
16	Apakah semakin tinggi endurances kapal selam dapat meningkatkan daya tangkal					
17	Apakah kapal selam yang memiliki persenjataan lengkap dapat meningkatkan daya tangkal					
18	Apakah kapal selam yang memiliki persenjataan teknologi tinggi dapat meningkatkan daya tangkal					
19	Apakah semakin luas dan sensitif jangkauan sistem penginderaan dapat meningkatkan daya tangkal					

Berikut ini pertanyaan yang paling anda anggap benar adalah:

a. Apakah faktor yang paling mempengaruhi kemampuan operasional kapal selam dari variabel di bawah ini:

Sewaco Platform Pangkalan

b. Apakah faktor yang paling mempengaruhi Daya tangkal kapal selam dari variabel di bawah ini:

Sewaco Platform Pangkalan Kemampuan operasi

Saran:

(_____)

Lampiran 4: Uji Asumsi Klasik

UJI ASUMSI KLASIK

NPAR TESTS

```
/K-S(NORMAL)=X1 X2 X3 Y Z
/MISSING ANALYSIS.
```

NPar Tests

Notes		
Output Created		01-NOV-2021 20:39:31
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	84
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each test are based on all cases with valid data for the variable(s) used in that test.
Syntax		NPAR TESTS /K-S(NORMAL)=X1 X2 X3 Y Z /MISSING ANALYSIS.
Resources	Processor Time	00:00:00,00
	Elapsed Time	00:00:00,00
	Number of Cases Allowed ^a	393216

a. Based on availability of workspace memory.

One-Sample Kolmogorov-Smirnov Test

		Sewaco	Platform	Pangkalan	Kemampuan Operasional
N		84	84	84	84
Normal Parameters ^{a,b}	Mean	52,18	47,01	45,49	48,95
	Std. Deviation	6,180	6,099	4,328	5,473
Most Extreme Differences	Absolute	,096	,090	,089	,092
	Positive	,096	,090	,087	,064
	Negative	-,080	-,088	-,089	-,092
Test Statistic		,096	,090	,089	,092
Asymp. Sig. (2-tailed)		,055 ^c	,090 ^c	,093 ^c	,075 ^c

One-Sample Kolmogorov-Smirnov Test

		Daaya Tangkal
N		84
Normal Parameters ^{a,b}	Mean	82,80
	Std. Deviation	3,839
Most Extreme Differences	Absolute	,092
	Positive	,088
	Negative	-,092
Test Statistic		,092
Asymp. Sig. (2-tailed)		,073 ^c

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

CORRELATIONS

/VARIABLES=X1 X2 X3 Y Z

/PRINT=TWOTAIL NOSIG

/MISSING=PAIRWISE.

Correlations

Notes

Output Created		01-NOV-2021 20:39:41
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	84
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.
Syntax	<pre> CORRELATIONS /VARIABLES=X1 X2 X3 Y Z /PRINT=TWOTAIL NOSIG /MISSING=PAIRWISE. </pre>	
Resources	Processor Time	00:00:00,00
	Elapsed Time	00:00:00,02

Correlations

		Sewaco	Platform	Pangkalan
Sewaco	<i>Pearson Correlation</i>	1	,317**	,420**
	<i>Sig. (2-tailed)</i>		,003	,000
	N	84	84	84
Platform	<i>Pearson Correlation</i>	,317**	1	,393**
	<i>Sig. (2-tailed)</i>	,003		,000
	N	84	84	84
Pangkalan	<i>Pearson Correlation</i>	,420**	,393**	1
	<i>Sig. (2-tailed)</i>	,000	,000	
	N	84	84	84
Kemampuan Operasional	<i>Pearson Correlation</i>	,569**	,628**	,564**
	<i>Sig. (2-tailed)</i>	,000	,000	,000
	N	84	84	84
Daaya Tangkal	<i>Pearson Correlation</i>	,727**	,742**	,620**
	<i>Sig. (2-tailed)</i>	,000	,000	,000
	N	84	84	84

Correlations

		Kemampuan Operasional	Daaya Tangkal
Sewaco	<i>Pearson Correlation</i>	,569**	,727**
	<i>Sig. (2-tailed)</i>	,000	,000
	N	84	84
Platform	<i>Pearson Correlation</i>	,628**	,742**
	<i>Sig. (2-tailed)</i>	,000	,000
	N	84	84
Pangkalan	<i>Pearson Correlation</i>	,564**	,620**
	<i>Sig. (2-tailed)</i>	,000	,000
	N	84	84
Kemampuan Operasional	<i>Pearson Correlation</i>	1	,774**
	<i>Sig. (2-tailed)</i>		,000
	N	84	84
Daaya Tangkal	<i>Pearson Correlation</i>	,774**	1
	<i>Sig. (2-tailed)</i>	,000	
	N	84	84

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

```

COMPUTE ABS_Res=ABS(RES_1).
EXECUTE.
REGRESSION
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS R ANOVA COLLIN TOL
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT ABS_Res
  /METHOD=ENTER X1 X2 X3 Y
  /SCATTERPLOT=(*SRESID ,*ZPRED)
  /SAVE RESID.

```

Regression

Notes

Output Created		01-NOV-2021 20:57:47
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	84
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax	<pre>REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA COLLIN TOL /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT ABS_Res /METHOD=ENTER X1 X2 X3 Y /SCATTERPLOT=(*SRESID ,*ZPRED) /SAVE RESID.</pre>	
Resources	Processor Time	00:00:00,25
	Elapsed Time	00:00:00,18
	Memory Required	4192 bytes
	Additional Memory Required for Residual Plots	0 bytes
Variables Modified	Created or RES_2	Unstandardized Residual

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
-------	-------------------	-------------------	--------

1	Kemampuan Operasional, Pangkalan, Sewaco, Platform ^b	.	Enter
---	---	---	-------

a. *Dependent Variable:* ABS_Res

b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,224 ^a	,050	,002	,82528

a. *Predictors:* (Constant), Kemampuan Operasional, Pangkalan, Sewaco, Platform

b. *Dependent Variable:* ABS_Res

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	2,852	4	,713	1,047	,388 ^b
	Residual	53,806	79	,681		
	Total	56,658	83			

a. *Dependent Variable:* ABS_Res

b. *Predictors:* (Constant), Kemampuan Operasional, Pangkalan, Sewaco, Platform

Coefficients^a

Model		UnStandardized Coefficients		Standardized Coefficients	t
		B	Std. Error	Beta	
1	(Constant)	2,549	1,076		2,369
	Sewaco	-,006	,018	-,043	-,321
	Platform	-,022	,019	-,164	-1,160
	Pangkalan	,013	,026	,067	,496
	Kemampuan Operasional	-,013	,026	-,088	-,508

Coefficients^a

Model		Sig.	Collinearity Statistics	
			Tolerance	VIF
1	(Constant)	,020		
	Sewaco	,749	,658	1,519
	Platform	,250	,600	1,666
	Pangkalan	,621	,664	1,506
	Kemampuan Operasional	,613	,402	2,488

a. Dependent Variable: ABS_Res

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	Sewaco	Platform
1	1	4,974	1,000	,00	,00	,00
	2	,011	21,590	,03	,24	,57
	3	,008	25,707	,33	,46	,02
	4	,005	31,881	,41	,12	,14
	5	,003	38,521	,22	,18	,26

Collinearity Diagnostics^a

Model	Dimension	Variance Proportions	
		Pangkalan	Kemampuan Operasional
1	1	,00	,00
	2	,02	,01
	3	,13	,05
	4	,45	,20
	5	,40	,74

a. Dependent Variable: ABS_Res

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	,8166	1,5274	1,1308	,18537	84
Std. Predicted Value	-1,695	2,139	,000	1,000	84
Standard Error of Predicted Value	,101	,320	,197	,043	84
Adjusted Predicted Value	,7541	1,5955	1,1300	,19388	84

<i>Residual</i>	-1,21735	1,71923	,00000	,80515	84
<i>Std. Residual</i>	-1,475	2,083	,000	,976	84
<i>Stud. Residual</i>	-1,510	2,148	,000	1,005	84
<i>Deleted Residual</i>	-1,31524	1,85126	,00078	,85531	84
<i>Stud. Deleted Residual</i>	-1,523	2,199	,003	1,012	84
<i>Mahal. Distance</i>	,261	11,525	3,952	2,181	84
<i>Cook's Distance</i>	,000	,092	,013	,015	84
<i>Centered Leverage Value</i>	,003	,139	,048	,026	84

a. *Dependent Variable: ABS_Res*

Lampiran 4: Persamaan Rregresi

UJI REGRESI 1

REGRESSION

```

/MISSING LISTWISE
/STATISTICS COEFF OUTS R ANOVA COLLIN TOL
/CRITERIA=PIN(.05) POUT(.10)
/NOORIGIN
/DEPENDENT Y
/METHOD=ENTER X1
/SCATTERPLOT=(*SRESID ,*ZPRED)
/SAVE RESID.

```

Regression

Notes

Output Created	01-NOV-2021 20:19:01	
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	84
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.

Syntax		<pre> REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA COLLIN TOL /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Y /METHOD=ENTER X1 /SCATTERPLOT=(*SRESID ,*ZPRED) /SAVE RESID. </pre>
Resources	Processor Time	00:00:00,73
	Elapsed Time	00:00:00,41
	Memory Required	2560 bytes
	Additional Memory Required for <i>Residual Plots</i>	8 bytes
Variables Modified	Created or RES_2	Unstandardized <i>Residual</i>

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Sewaco ^b	.	Enter

a. *Dependent Variable*: Kemampuan Operasional

b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,569 ^a	,324	,316	4,527

a. *Predictors*: (Constant), Sewaco

b. *Dependent Variable*: Kemampuan Operasional

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	<i>Regression</i>	805,184	1	805,184	39,286	,000 ^b
	<i>Residual</i>	1680,626	82	20,495		
	<i>Total</i>	2485,810	83			

a. *Dependent Variable:* Kemampuan Operasional

b. *Predictors:* (Constant), Sewaco

Coefficients^a

Model		UnStandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	22,656	4,224		5,363	,000
	Sewaco	,504	,080	,569	6,268	,000

Coefficients^a

Model		Collinearity Statistics	
		Tolerance	VIF
1	(Constant)		
	Sewaco	1,000	1,000

a. *Dependent Variable:* Kemampuan Operasional

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions	
				(Constant)	Sewaco
1	1	1,993	1,000	,00	,00
	2	,007	17,045	1,00	1,00

a. *Dependent Variable:* Kemampuan Operasional

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	43,82	54,41	48,95	3,115	84

Std. Predicted Value	-1,647	1,751	,000	1,000	84
Standard Error of Predicted Value	,494	1,001	,678	,169	84
Adjusted Predicted Value	43,72	54,68	48,96	3,122	84
Residual	-7,878	12,657	,000	4,500	84
Std. Residual	-1,740	2,796	,000	,994	84
Stud. Residual	-1,755	2,825	-,001	1,005	84
Deleted Residual	-8,010	12,921	-,010	4,600	84
Stud. Deleted Residual	-1,778	2,955	,001	1,014	84
Mahal. Distance	,001	3,066	,988	1,010	84
Cook's Distance	,000	,083	,011	,014	84
Centered Leverage Value	,000	,037	,012	,012	84

a. *Dependent Variable:* Kemampuan Operasional

REGRESSION

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA COLLIN TOL

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT Y

/METHOD=ENTER X2

/SCATTERPLOT=(**SRESID* , **ZPRED*)

/SAVE RESID.

Regression

Notes

Output Created	01-NOV-2021 20:19:18
Comments	
Input	Active Dataset DataSet1

	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	84
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax		<pre>REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA COLLIN TOL /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Y /METHOD=ENTER X2 /SCATTERPLOT=(*SRESID ,*ZPRED) /SAVE RESID.</pre>
Resources	Processor Time	00:00:00,41
	Elapsed Time	00:00:00,48
	Memory Required	2608 bytes
	Additional Memory Required for <i>Residual Plots</i>	8 bytes
Variables Modified	Created or RES_3	Unstandardized <i>Residual</i>

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Platform ^b	.	Enter

a. *Dependent Variable*: Kemampuan Operasional

b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,628 ^a	,395	,387	4,284

a. Predictors: (Constant), Platform

b. Dependent Variable: Kemampuan Operasional

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	980,815	1	980,815	53,440	,000 ^b
	Residual	1504,994	82	18,354		
	Total	2485,810	83			

a. Dependent Variable: Kemampuan Operasional

b. Predictors: (Constant), Platform

Coefficients^a

Model		UnStandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	22,453	3,655		6,143	,000
	Platform	,564	,077	,628	7,310	,000

Coefficients^a

Model		Collinearity Statistics	
		Tolerance	VIF
1	(Constant)		
	Platform	1,000	1,000

a. Dependent Variable: Kemampuan Operasional

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions	
				(Constant)	Platform
1	1	1,992	1,000	,00	,00

2	,008	15,574	1,00	1,00
---	------	--------	------	------

a. *Dependent Variable:* Kemampuan Operasional

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	43,87	55,15	48,95	3,438	84
Std. Predicted Value	-1,478	1,802	,000	1,000	84
Standard Error of Predicted Value	,467	,968	,644	,151	84
Adjusted Predicted Value	43,79	55,15	48,95	3,437	84
Residual	-9,019	13,436	,000	4,258	84
Std. Residual	-2,105	3,136	,000	,994	84
Stud. Residual	-2,146	3,174	,000	1,006	84
Deleted Residual	-9,376	13,761	,000	4,359	84
Stud. Deleted Residual	-2,196	3,368	,002	1,021	84
Mahal. Distance	,000	3,246	,988	,932	84
Cook's Distance	,000	,122	,012	,020	84
Centered Leverage Value	,000	,039	,012	,011	84

a. *Dependent Variable:* Kemampuan Operasional

REGRESSION

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA COLLIN TOL

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT Y

/METHOD=ENTER X3

/SCATTERPLOT=(**SRESID* ,**ZPRED*)

/SAVE RESID.

Regression

Notes

Output Created		01-NOV-2021 20:19:37
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	84
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax	<pre> REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA COLLIN TOL /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Y /METHOD=ENTER X3 /SCATTERPLOT=(*SRESID ,*ZPRED) /SAVE RESID. </pre>	
Resources	Processor Time	00:00:00,69
	Elapsed Time	00:00:00,46
	Memory Required	2640 bytes
	Additional Memory Required for Residual Plots	8 bytes
Variables Modified	Created or RES_4	Unstandardized Residual

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Pangkalan ^b	.	Enter

a. *Dependent Variable*: Kemampuan Operasional

b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,564 ^a	,318	,310	4,546

a. *Predictors*: (Constant), Pangkalan

b. *Dependent Variable*: Kemampuan Operasional

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	790,858	1	790,858	38,261	,000 ^b
	Residual	1694,951	82	20,670		
	Total	2485,810	83			

a. *Dependent Variable*: Kemampuan Operasional

b. *Predictors*: (Constant), Pangkalan

Coefficients^a

Model		UnStandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	16,512	5,268		3,134	,002
	Pangkalan	,713	,115	,564	6,186	,000

Coefficients^a

Model		Collinearity Statistics	
		Tolerance	VIF
1	(Constant)		

Pangkalan	1,000	1,000
-----------	-------	-------

a. *Dependent Variable*: Kemampuan Operasional

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions	
				(Constant)	Pangkalan
1	1	1,996	1,000	,00	,00
	2	,004	21,192	1,00	1,00

a. *Dependent Variable*: Kemampuan Operasional

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	43,61	53,60	48,95	3,087	84
Std. Predicted Value	-1,730	1,504	,000	1,000	84
Standard Error of Predicted Value	,499	,996	,683	,161	84
Adjusted Predicted Value	43,34	53,74	48,95	3,088	84
Residual	-12,457	10,396	,000	4,519	84
Std. Residual	-2,740	2,287	,000	,994	84
Stud. Residual	-2,768	2,300	,000	1,004	84
Deleted Residual	-12,709	10,523	,000	4,611	84
Stud. Deleted Residual	-2,889	2,364	-,002	1,014	84
Mahal. Distance	,013	2,993	,988	,935	84
Cook's Distance	,000	,078	,010	,012	84
Centered Leverage Value	,000	,036	,012	,011	84

a. *Dependent Variable:* Kemampuan Operasional

REGRESSION

```

/MISSING LISTWISE
/STATISTICS COEFF OUTS R ANOVA COLLIN TOL
/CRITERIA=PIN(.05) POUT(.10)
/NOORIGIN
/DEPENDENT Y
/METHOD=ENTER X1 X2
/SCATTERPLOT=(*SRESID ,*ZPRED)
/SAVE RESID.

```

Regression**Notes**

Output Created

01-NOV-2021 20:20:04

Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	84
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax		<pre>REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA COLLIN TOL /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Y /METHOD=ENTER X1 X2 /SCATTERPLOT=(*SRESID ,*ZPRED) /SAVE RESID.</pre>
Resources	Processor Time	00:00:00,30
	Elapsed Time	00:00:00,30
	Memory Required	3152 bytes
	Additional Memory Required for Residual Plots	0 bytes
Variables Modified	Created or RES_5	Unstandardized Residual

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Platform, Sewaco ^b	.	Enter

a. *Dependent Variable:* Kemampuan Operasional

b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,739 ^a	,547	,536	3,730

a. *Predictors:* (Constant), Platform, Sewaco

b. *Dependent Variable:* Kemampuan Operasional

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1359,121	2	679,561	48,855	,000 ^b
	Residual	1126,688	81	13,910		
	Total	2485,810	83			

a. *Dependent Variable:* Kemampuan Operasional

b. *Predictors:* (Constant), Platform, Sewaco

Coefficients^a

Model		UnStandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	8,950	4,102		2,182	,032
	Sewaco	,364	,070	,411	5,215	,000
	Platform	,447	,071	,498	6,311	,000

Coefficients^a

Model		Collinearity Statistics	
		Tolerance	VIF
1	(Constant)		
	Sewaco	,899	1,112
	Platform	,899	1,112

a. *Dependent Variable:* Kemampuan Operasional

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	Sewaco	Platform
1	1	2,983	1,000	,00	,00	,00
	2	,010	16,909	,03	,44	,85
	3	,006	21,484	,97	,56	,15

a. *Dependent Variable:* Kemampuan Operasional

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	41,22	55,98	48,95	4,047	84
Std. Predicted Value	-1,911	1,737	,000	1,000	84
Standard Error of Predicted Value	,420	1,097	,686	,162	84
Adjusted Predicted Value	40,93	55,98	48,94	4,050	84
Residual	-6,800	8,791	,000	3,684	84
Std. Residual	-1,823	2,357	,000	,988	84
Stud. Residual	-1,835	2,458	,002	1,007	84
Deleted Residual	-6,930	9,563	,014	3,830	84
Stud. Deleted Residual	-1,863	2,540	,004	1,019	84
Mahal. Distance	,066	6,198	1,976	1,380	84
Cook's Distance	,000	,177	,013	,025	84
Centered Leverage Value	,001	,075	,024	,017	84

a. *Dependent Variable:* Kemampuan Operasional

REGRESSION

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA COLLIN TOL

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT Y

/METHOD=ENTER X2 X3

/SCATTERPLOT=(*SRESID ,*ZPRED)

/SAVE RESID.

Regression

Notes

Output Created		01-NOV-2021 20:20:38
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	84
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax	<pre>REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA COLLIN TOL /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Y /METHOD=ENTER X2 X3 /SCATTERPLOT=(*SRESID ,*ZPRED) /SAVE RESID.</pre>	
Resources	Processor Time	00:00:00,23
	Elapsed Time	00:00:00,31
	Memory Required	3184 bytes
	Additional Memory Required for Residual Plots	0 bytes
Variables Modified	Created or RES_6	Unstandardized Residual

Variables Entered/Removed^a

Model	Variables	Variables	Method
	Entered	Removed	
1	Pangkalan, Platform ^b	.	Enter

a. *Dependent Variable*: Kemampuan Operasional

b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,717 ^a	,514	,502	3,863

a. *Predictors*: (Constant), Pangkalan, Platform

b. *Dependent Variable*: Kemampuan Operasional

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	<i>Regression</i>	1276,804	2	638,402	42,771	,000 ^b
	<i>Residual</i>	1209,006	81	14,926		
	<i>Total</i>	2485,810	83			

a. *Dependent Variable*: Kemampuan Operasional

b. *Predictors*: (Constant), Pangkalan, Platform

Coefficients^a

Model		UnStandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	7,090	4,771		1,486	,141
	Platform	,431	,076	,481	5,706	,000
	Pangkalan	,474	,107	,375	4,453	,000

Coefficients^a

Model

Collinearity Statistics

		Tolerance	VIF
1	(Constant)		
	Platform	,846	1,182
	Pangkalan	,846	1,182

a. *Dependent Variable:* Kemampuan Operasional

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	Platform	Pangkalan
1	1	2,986	1,000	,00	,00	,00
	2	,009	17,959	,16	1,00	,12
	3	,004	25,945	,84	,00	,88

a. *Dependent Variable:* Kemampuan Operasional

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	41,51	56,78	48,95	3,922	84
Std. Predicted Value	-1,897	1,996	,000	1,000	84
Standard Error of Predicted Value	,425	1,219	,710	,170	84
Adjusted Predicted Value	41,66	56,83	48,96	3,926	84
Residual	-8,162	10,026	,000	3,817	84
Std. Residual	-2,113	2,595	,000	,988	84
Stud. Residual	-2,176	2,681	-,001	1,006	84
Deleted Residual	-8,663	10,699	-,006	3,959	84
Stud. Deleted Residual	-2,229	2,791	,001	1,017	84
Mahal. Distance	,015	7,277	1,976	1,403	84
Cook's Distance	,000	,161	,013	,023	84
Centered Leverage Value	,000	,088	,024	,017	84

a. *Dependent Variable:* Kemampuan Operasional

REGRESSION

```
/MISSING LISTWISE  
/STATISTICS COEFF OUTS R ANOVA COLLIN TOL  
/CRITERIA=PIN(.05) POUT(.10)  
/NOORIGIN  
/DEPENDENT Y  
/METHOD=ENTER X1 X3  
/SCATTERPLOT=(*SRESID ,*ZPRED)  
/SAVE RESID.
```

Regression

Notes

Output Created		01-NOV-2021 20:21:15
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	84
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax	<pre> REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA COLLIN TOL /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Y /METHOD=ENTER X1 X3 /SCATTERPLOT=(*SRESID ,*ZPRED) /SAVE RESID. </pre>	
Resources	Processor Time	00:00:00,27
	Elapsed Time	00:00:00,32
	Memory Required	3232 bytes
	Additional Memory Required for Residual Plots	0 bytes
Variables Modified	Created or RES_7	Unstandardized Residual

Variables Entered/Removed^a

Model	Variables	Variables	Method
	Entered	Removed	
1	Pangkalan, Sewaco ^b	.	Enter

a. *Dependent Variable:* Kemampuan Operasional

b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,673 ^a	,452	,439	4,100

a. *Predictors:* (*Constant*), Pangkalan, Sewaco

b. *Dependent Variable:* Kemampuan Operasional

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	<i>Regression</i>	1124,311	2	562,155	33,444	,000 ^b
	<i>Residual</i>	1361,499	81	16,809		
	<i>Total</i>	2485,810	83			

a. *Dependent Variable:* Kemampuan Operasional

b. *Predictors:* (*Constant*), Pangkalan, Sewaco

Coefficients^a

Model		UnStandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(<i>Constant</i>)	7,607	5,154		1,476	,144
	Sewaco	,357	,080	,403	4,454	,000
	Pangkalan	,499	,115	,395	4,357	,000

Coefficients^a

Model	Collinearity Statistics	
	Tolerance	VIF

1	(Constant)		
	Sewaco	,824	1,214
	Pangkalan	,824	1,214

a. *Dependent Variable:* Kemampuan Operasional

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	Sewaco	Pangkalan
1	1	2,988	1,000	,00	,00	,00
	2	,008	19,918	,19	1,00	,14
	3	,004	25,945	,81	,00	,86

a. *Dependent Variable:* Kemampuan Operasional

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	41,94	56,07	48,95	3,680	84
Std. Predicted Value	-1,906	1,934	,000	1,000	84
Standard Error of Predicted Value	,452	1,326	,751	,192	84
Adjusted Predicted Value	42,11	56,32	48,96	3,685	84
Residual	-9,140	12,141	,000	4,050	84
Std. Residual	-2,229	2,961	,000	,988	84
Stud. Residual	-2,291	2,993	-,001	1,003	84
Deleted Residual	-9,650	12,404	-,008	4,177	84
Stud. Deleted Residual	-2,354	3,154	,000	1,015	84
Mahal. Distance	,021	7,700	1,976	1,508	84
Cook's Distance	,000	,098	,010	,015	84
Centered Leverage Value	,000	,093	,024	,018	84

a. *Dependent Variable:* Kemampuan Operasional

REGRESSION

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA COLLIN TOL

```

/CRITERIA=PIN(.05) POUT(.10)
/NOORIGIN
/DEPENDENT Y
/METHOD=ENTER X1 X2 X3
/SCATTERPLOT=(*SRESID ,*ZPRED)
/SAVE RESID.

```

Regression

Notes

Output Created		01-NOV-2021 20:21:48
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	84
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax	<pre> REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA COLLIN TOL /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Y /METHOD=ENTER X1 X2 X3 /SCATTERPLOT=(*SRESID ,*ZPRED) /SAVE RESID. </pre>	
Resources	Processor Time	00:00:00,20
	Elapsed Time	00:00:00,24
	Memory Required	3792 bytes

Additional Memory Required for <i>Residual Plots</i>			0 bytes
Variables Modified	Created	or RES_8	Unstandardized <i>Residual</i>

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Pangkalan, Platform, Sewaco ^b	.	Enter

a. *Dependent Variable*: Kemampuan Operasional

b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,773 ^a	,598	,583	3,534

a. *Predictors*: (*Constant*), Pangkalan, Platform, Sewaco

b. *Dependent Variable*: Kemampuan Operasional

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	<i>Regression</i>	1486,574	3	495,525	39,672	,000 ^b
	<i>Residual</i>	999,236	80	12,490		
	<i>Total</i>	2485,810	83			

a. *Dependent Variable*: Kemampuan Operasional

b. *Predictors*: (*Constant*), Pangkalan, Platform, Sewaco

Coefficients^a

Model	UnStandardized Coefficients	Standardized Coefficients	t	Sig.
-------	-----------------------------	------------------------------	---	------

		B	Std. Error	Beta		
1	(Constant)	1,055	4,607		,229	,819
	Sewaco	,288	,070	,325	4,098	,000
	Platform	,379	,070	,422	5,385	,000
	Pangkalan	,331	,104	,262	3,194	,002

Coefficients^a

Model		Collinearity Statistics	
		Tolerance	VIF
1	(Constant)		
	Sewaco	,797	1,255
	Platform	,818	1,223
	Pangkalan	,749	1,335

a. *Dependent Variable:* Kemampuan Operasional

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	Sewaco	Platform
1	1	3,978	1,000	,00	,00	,00
	2	,011	19,422	,02	,30	,85
	3	,007	23,529	,26	,70	,14
	4	,004	29,960	,72	,00	,00

Collinearity Diagnostics^a

Model	Dimension	Variance Proportions
		Pangkalan
1	1	,00
	2	,01
	3	,18
	4	,81

a. *Dependent Variable:* Kemampuan Operasional

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	40,42	56,29	48,95	4,232	84

Std. Predicted Value	-2,017	1,733	,000	1,000	84
Standard Error of Predicted Value	,402	1,160	,750	,179	84
Adjusted Predicted Value	40,51	56,34	48,95	4,233	84
Residual	-6,975	8,675	,000	3,470	84
Std. Residual	-1,974	2,455	,000	,982	84
Stud. Residual	-1,987	2,524	,000	1,005	84
Deleted Residual	-7,067	9,174	,003	3,640	84
Stud. Deleted Residual	-2,025	2,615	,003	1,016	84
Mahal. Distance	,086	7,952	2,964	1,854	84
Cook's Distance	,000	,129	,012	,020	84
Centered Leverage Value	,001	,096	,036	,022	84

a. *Dependent Variable:* Kemampuan Operasional

Lampiran 5: Persamaan Rregresi

UJI REGRES II

REGRESSION

```

/MISSING LISTWISE
/STATISTICS COEFF OUTS R ANOVA COLLIN TOL
/CRITERIA=PIN(.05) POUT(.10)
/NOORIGIN
/DEPENDENT Z
/METHOD=ENTER X1
/SCATTERPLOT=(*SRESID ,*ZPRED)
/SAVE RESID.

```

Regression

Notes

Output Created	01-NOV-2021 20:23:10	
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	84
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.

Syntax		<pre> REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA COLLIN TOL /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Z /METHOD=ENTER X1 /SCATTERPLOT=(*SRESID ,*ZPRED) /SAVE RESID. </pre>
Resources	Processor Time	00:00:00,20
	Elapsed Time	00:00:00,18
	Memory Required	2848 bytes
	Additional Memory Required for <i>Residual</i> Plots	8 bytes
Variables Modified	Created or RES_9	Unstandardized <i>Residual</i>

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Sewaco ^b	.	Enter

a. *Dependent Variable*: Daaya Tangkal

b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,727 ^a	,528	,522	2,654

a. *Predictors*: (Constant), Sewaco

b. *Dependent Variable*: Daaya Tangkal

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	<i>Regression</i>	645,948	1	645,948	91,701	,000 ^b
	<i>Residual</i>	577,611	82	7,044		
	<i>Total</i>	1223,560	83			

a. *Dependent Variable:* Daaya Tangkal

b. *Predictors:* (Constant), Sewaco

Coefficients^a

Model		UnStandardized Coefficients		Standardized	t	Sig.
		B	Std. Error	Coefficients		
1	(Constant)	59,245	2,477		23,923	,000
	Sewaco	,451	,047	,727	9,576	,000

Coefficients^a

Model		Collinearity Statistics	
		Tolerance	VIF
1	(Constant)		
	Sewaco	1,000	1,000

a. *Dependent Variable:* Daaya Tangkal

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions	
				(Constant)	Sewaco
1	1	1,993	1,000	,00	,00
	2	,007	17,045	1,00	1,00

a. *Dependent Variable:* Daaya Tangkal

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	78,20	87,68	82,80	2,790	84
Std. Predicted Value	-1,647	1,751	,000	1,000	84

Standard Error of Predicted Value	,290	,587	,398	,099	84
Adjusted Predicted Value	78,21	87,87	82,81	2,794	84
Residual	-5,231	5,540	,000	2,638	84
Std. Residual	-1,971	2,087	,000	,994	84
Stud. Residual	-2,014	2,109	-,002	1,007	84
Deleted Residual	-5,462	5,655	-,012	2,706	84
Stud. Deleted Residual	-2,053	2,155	-,003	1,016	84
Mahal. Distance	,001	3,066	,988	1,010	84
Cook's Distance	,000	,090	,013	,019	84
Centered Leverage Value	,000	,037	,012	,012	84

a. Dependent Variable: Daaya Tangkal

REGRESSION

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA COLLIN TOL

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT Z

/METHOD=ENTER X2

/SCATTERPLOT=(*SRESID ,*ZPRED)

/SAVE RESID.

Regression

Notes

Output Created	01-NOV-2021 20:23:24	
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>

	N of Rows in Working Data File	84
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax		<pre> REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA COLLIN TOL /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Z /METHOD=ENTER X2 /SCATTERPLOT=(*SRESID ,*ZPRED) /SAVE RESID. </pre>
Resources	Processor Time	00:00:00,31
	Elapsed Time	00:00:00,31
	Memory Required	2880 bytes
	Additional Memory Required for <i>Residual</i> Plots	8 bytes
Variables Created or Modified	RES_10	Unstandardized <i>Residual</i>

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Platform ^b	.	Enter

a. *Dependent Variable*: Daaya Tangkal

b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,742 ^a	,551	,545	2,589

a. Predictors: (Constant), Platform

b. Dependent Variable: Daaya Tangkal

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	673,779	1	673,779	100,494	,000 ^b
	Residual	549,781	82	6,705		
	Total	1223,560	83			

a. Dependent Variable: Daaya Tangkal

b. Predictors: (Constant), Platform

Coefficients^a

Model		UnStandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	60,834	2,209		27,538	,000
	Platform	,467	,047	,742	10,025	,000

Coefficients^a

Collinearity Statistics

Model		Tolerance	VIF
1	(Constant)		
	Platform	1,000	1,000

a. Dependent Variable: Daaya Tangkal

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions	
				(Constant)	Platform
1	1	1,992	1,000	,00	,00
	2	,008	15,574	1,00	1,00

a. *Dependent Variable:* Daaya Tangkal

Residuals Statistics^a					
	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	78,59	87,93	82,80	2,849	84
Std. Predicted Value	-1,478	1,802	,000	1,000	84
Standard Error of Predicted Value	,283	,585	,389	,092	84
Adjusted Predicted Value	78,53	88,09	82,81	2,850	84
Residual	-5,997	7,011	,000	2,574	84
Std. Residual	-2,316	2,708	,000	,994	84
Stud. Residual	-2,361	2,740	-,001	1,006	84
Deleted Residual	-6,234	7,181	-,008	2,636	84
Stud. Deleted Residual	-2,431	2,857	-,002	1,018	84
Mahal. Distance	,000	3,246	,988	,932	84
Cook's Distance	,000	,110	,012	,020	84
Centered Leverage Value	,000	,039	,012	,011	84

a. *Dependent Variable:* Daaya Tangkal

REGRESSION

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA COLLIN TOL

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT Z

/METHOD=ENTER X3

/SCATTERPLOT=(*SRESID ,*ZPRED)

/SAVE RESID.

Regression

Notes

Output Created		01-NOV-2021 20:23:43
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	84
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax		<pre>REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA COLLIN TOL /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Z /METHOD=ENTER X3 /SCATTERPLOT=(*SRESID ,*ZPRED) /SAVE RESID.</pre>
Resources	Processor Time	00:00:00,25
	Elapsed Time	00:00:00,29
	Memory Required	2928 bytes
	Additional Memory Required for <i>Residual</i> Plots	8 bytes
Variables Modified	Created or RES_11	Unstandardized <i>Residual</i>

Variables Entered/Removed^a

Model	Variables	Variables	Method
	Entered	Removed	
1	Pangkalan ^b	.	Enter

a. *Dependent Variable:* Daaya Tangkal

b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,620 ^a	,384	,377	3,031

a. *Predictors:* (Constant), Pangkalan

b. *Dependent Variable:* Daaya Tangkal

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	<i>Regression</i>	470,443	1	470,443	51,222	,000 ^b
	<i>Residual</i>	753,116	82	9,184		
	<i>Total</i>	1223,560	83			

a. *Dependent Variable:* Daaya Tangkal

b. *Predictors:* (Constant), Pangkalan

Coefficients^a

Model		UnStandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	57,778	3,511		16,454	,000
	Pangkalan	,550	,077	,620	7,157	,000

Coefficients^a

Model		Collinearity Statistics	
		Tolerance	VIF
1	(Constant)		
	Pangkalan	1,000	1,000

a. *Dependent Variable:* Daaya Tangkal

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions	
				(Constant)	Pangkalan
1	1	1,996	1,000	,00	,00
	2	,004	21,192	1,00	1,00

a. *Dependent Variable:* Daaya Tangkal

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	78,68	86,38	82,80	2,381	84
Std. Predicted Value	-1,730	1,504	,000	1,000	84
Standard Error of Predicted Value	,333	,664	,455	,107	84
Adjusted Predicted Value	78,46	86,60	82,80	2,379	84
Residual	-9,629	6,571	,000	3,012	84
Std. Residual	-3,177	2,168	,000	,994	84
Stud. Residual	-3,199	2,186	,000	1,005	84
Deleted Residual	-9,760	6,677	,002	3,082	84
Stud. Deleted Residual	-3,398	2,238	-,005	1,022	84
Mahal. Distance	,013	2,993	,988	,935	84
Cook's Distance	,000	,069	,012	,017	84
Centered Leverage Value	,000	,036	,012	,011	84

a. *Dependent Variable:* Daaya Tangkal

REGRESSION

```

/MISSING LISTWISE
/STATISTICS COEFF OUTS R ANOVA COLLIN TOL
/CRITERIA=PIN(.05) POUT(.10)
/NOORIGIN
/DEPENDENT Z
/METHOD=ENTER Y
/SCATTERPLOT=(*SRESID ,*ZPRED)
/SAVE RESID.

```

Regression**Notes**

Output Created		01-NOV-2021 20:24:25
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	84
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.

Syntax		<pre> REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA COLLIN TOL /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Z /METHOD=ENTER Y /SCATTERPLOT=(*SRESID ,*ZPRED) /SAVE RESID. </pre>
Resources	Processor Time	00:00:00,25
	Elapsed Time	00:00:00,32
	Memory Required	2960 bytes
	Additional Memory Required for <i>Residual Plots</i>	8 bytes
Variables Modified	Created or RES_12	Unstandardized <i>Residual</i>

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Kemampuan Operasional ^b	.	Enter

a. *Dependent Variable*: Daaya Tangkal

b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,774 ^a	,598	,594	2,448

a. *Predictors*: (*Constant*), Kemampuan Operasional

b. *Dependent Variable*: Daaya Tangkal

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	732,283	1	732,283	122,227	,000 ^b
	Residual	491,277	82	5,991		
	Total	1223,560	83			

a. *Dependent Variable:* Daaya Tangkal

b. *Predictors:* (*Constant*), Kemampuan Operasional

Coefficients^a

Model		UnStandardized Coefficients		Standardized Coefficients	t
		B	Std. Error	Beta	
1	(<i>Constant</i>)	56,228	2,418		23,254
	Kemampuan Operasional	,543	,049	,774	11,056

Coefficients^a

Model		Sig.	Collinearity Statistics	
			Tolerance	VIF
1	(<i>Constant</i>)	,000		
	Kemampuan Operasional	,000	1,000	1,000

a. *Dependent Variable:* Daaya Tangkal

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions	
				(<i>Constant</i>)	Kemampuan Operasional
1	1	1,994	1,000	,00	,00
	2	,006	18,053	1,00	1,00

a. *Dependent Variable:* Daaya Tangkal

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	76,85	88,25	82,80	2,970	84
Std. Predicted Value	-2,001	1,836	,000	1,000	84

Standard Error of Predicted Value	,267	,600	,367	,090	84
Adjusted Predicted Value	76,97	88,38	82,80	2,967	84
Residual	-6,909	5,177	,000	2,433	84
Std. Residual	-2,823	2,115	,000	,994	84
Stud. Residual	-2,842	2,128	-,001	1,005	84
Deleted Residual	-7,004	5,239	-,005	2,487	84
Stud. Deleted Residual	-2,975	2,175	-,003	1,019	84
Mahal. Distance	,000	4,005	,988	1,010	84
Cook's Distance	,000	,071	,011	,016	84
Centered Leverage Value	,000	,048	,012	,012	84

a. *Dependent Variable:* Daaya Tangkal

REGRESSION

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA COLLIN TOL

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT Z

/METHOD=ENTER X1 X2

/SCATTERPLOT=(*SRESID ,*ZPRED)

/SAVE RESID.

Regression

Notes

Output Created	01-NOV-2021 20:24:45	
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	84
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.

Syntax		<pre> REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA COLLIN TOL /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Z /METHOD=ENTER X1 X2 /SCATTERPLOT=(*SRESID ,*ZPRED) /SAVE RESID. </pre>
Resources	Processor Time	00:00:00,23
	Elapsed Time	00:00:00,36
	Memory Required	3472 bytes
	Additional Memory Required for <i>Residual</i> Plots	0 bytes
Variables Modified	Created or RES_13	Unstandardized <i>Residual</i>

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Platform, Sewaco ^b	.	Enter

a. *Dependent Variable*: Daaya Tangkal

b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,905 ^a	,819	,815	1,653

a. Predictors: (Constant), Platform, Sewaco

b. Dependent Variable: Daaya Tangkal

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1002,144	2	501,072	183,306	,000 ^b
	Residual	221,416	81	2,734		
	Total	1223,560	83			

a. Dependent Variable: Daaya Tangkal

b. Predictors: (Constant), Platform, Sewaco

Coefficients^a

Model		UnStandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	48,254	1,819		26,534	,000
	Sewaco	,339	,031	,546	10,960	,000
	Platform	,358	,031	,569	11,415	,000

Coefficients^a

Model		Collinearity Statistics	
		Tolerance	VIF
1	(Constant)		
	Sewaco	,899	1,112
	Platform	,899	1,112

a. Dependent Variable: Daaya Tangkal

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions
-------	-----------	------------	-----------------	----------------------

				(Constant)	Sewaco	Platform
1	1	2,983	1,000	,00	,00	,00
	2	,010	16,909	,03	,44	,85
	3	,006	21,484	,97	,56	,15

a. *Dependent Variable:* Daaya Tangkal

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	76,12	88,71	82,80	3,475	84
Std. Predicted Value	-1,923	1,701	,000	1,000	84
Standard Error of Predicted Value	,186	,486	,304	,072	84
Adjusted Predicted Value	76,00	88,80	82,80	3,473	84
Residual	-3,678	4,415	,000	1,633	84
Std. Residual	-2,225	2,671	,000	,988	84
Stud. Residual	-2,248	2,701	-,002	1,006	84
Deleted Residual	-3,811	4,516	-,005	1,694	84
Stud. Deleted Residual	-2,307	2,814	-,002	1,019	84
Mahal. Distance	,066	6,198	1,976	1,380	84
Cook's Distance	,000	,098	,013	,018	84
Centered Leverage Value	,001	,075	,024	,017	84

a. *Dependent Variable:* Daaya Tangkal

REGRESSION

```

/MISSING LISTWISE
/STATISTICS COEFF OUTS R ANOVA COLLIN TOL
/CRITERIA=PIN(.05) POUT(.10)
/NOORIGIN
/DEPENDENT Z
/METHOD=ENTER X1 X3
/SCATTERPLOT=(*SRESID ,*ZPRED)
/SAVE RESID.

```

Regression**Notes**

Output Created	01-NOV-2021 20:25:12	
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	84
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.

Syntax		<pre> REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA COLLIN TOL /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Z /METHOD=ENTER X1 X3 /SCATTERPLOT=(*SRESID ,*ZPRED) /SAVE RESID. </pre>
Resources	Processor Time	00:00:00,27
	Elapsed Time	00:00:00,42
	Memory Required	3504 bytes
	Additional Memory Required for <i>Residual Plots</i>	0 bytes
Variables Modified	Created or RES_14	Unstandardized <i>Residual</i>

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Pangkalan, Sewaco ^b	.	Enter

a. *Dependent Variable*: Daaya Tangkal

b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,805 ^a	,648	,640	2,304

a. *Predictors*: (*Constant*), Pangkalan, Sewaco

b. *Dependent Variable*: Daaya Tangkal

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	793,474	2	396,737	74,719	,000 ^b
	Residual	430,085	81	5,310		
	Total	1223,560	83			

a. *Dependent Variable:* Daaya Tangkal

b. *Predictors:* (Constant), Pangkalan, Sewaco

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	49,013	2,897		16,920	,000
	Sewaco	,352	,045	,566	7,800	,000
	Pangkalan	,339	,064	,383	5,271	,000

Coefficients^a

Model		Collinearity Statistics	
		Tolerance	VIF
1	(Constant)		
	Sewaco	,824	1,214
	Pangkalan	,824	1,214

a. *Dependent Variable:* Daaya Tangkal

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	Sewaco	Pangkalan
1	1	2,988	1,000	,00	,00	,00
	2	,008	19,918	,19	1,00	,14
	3	,004	25,945	,81	,00	,86

a. *Dependent Variable:* Daaya Tangkal

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N

Predicted Value	77,03	88,81	82,80	3,092	84
Std. Predicted Value	-1,866	1,945	,000	1,000	84
Standard Error of Predicted Value	,254	,746	,422	,108	84
Adjusted Predicted Value	77,21	88,86	82,81	3,092	84
Residual	-5,782	5,189	,000	2,276	84
Std. Residual	-2,509	2,252	,000	,988	84
Stud. Residual	-2,567	2,276	-,002	1,007	84
Deleted Residual	-6,100	5,302	-,011	2,365	84
Stud. Deleted Residual	-2,662	2,338	-,006	1,020	84
Mahal. Distance	,021	7,700	1,976	1,508	84
Cook's Distance	,000	,141	,013	,022	84
Centered Leverage Value	,000	,093	,024	,018	84

a. *Dependent Variable:* Daaya Tangkal

REGRESSION

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA COLLIN TOL

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT Z

/METHOD=ENTER X2 X3

/SCATTERPLOT=(*SRESID ,*ZPRED)

/SAVE RESID.

Regression

Notes

Output Created	01-NOV-2021 20:25:41
Comments	
Input	Active Dataset DataSet1

	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	84
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax		<pre>REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA COLLIN TOL /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Z /METHOD=ENTER X2 X3 /SCATTERPLOT=(*SRESID ,*ZPRED) /SAVE RESID.</pre>
Resources	Processor Time	00:00:00,28
	Elapsed Time	00:00:00,44
	Memory Required	3552 bytes
	Additional Memory Required for Residual Plots	0 bytes
Variables Modified	Created or RES_15	Unstandardized Residual

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Pangkalan, Platform ^b	.	Enter

a. *Dependent Variable*: Daaya Tangkal

b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,824 ^a	,678	,670	2,204

a. Predictors: (Constant), Pangkalan, Platform

b. Dependent Variable: Daaya Tangkal

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	830,009	2	415,004	85,416	,000 ^b
	Residual	393,551	81	4,859		
	Total	1223,560	83			

a. Dependent Variable: Daaya Tangkal

b. Predictors: (Constant), Pangkalan, Platform

Coefficients^a

Model		UnStandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	49,673	2,722		18,247	,000
	Platform	,371	,043	,589	8,603	,000
	Pangkalan	,345	,061	,389	5,671	,000

Coefficients^a

Model		Collinearity Statistics	
		Tolerance	VIF
1	(Constant)		
	Platform	,846	1,182
	Pangkalan	,846	1,182

a. Dependent Variable: Daaya Tangkal

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	Platform	Pangkalan
1	1	2,986	1,000	,00	,00	,00
	2	,009	17,959	,16	1,00	,12
	3	,004	25,945	,84	,00	,88

a. *Dependent Variable:* Daaya Tangkal

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	76,87	89,12	82,80	3,162	84
Std. Predicted Value	-1,874	1,999	,000	1,000	84
Standard Error of Predicted Value	,242	,696	,405	,097	84
Adjusted Predicted Value	77,05	89,19	82,81	3,163	84
Residual	-6,345	4,534	,000	2,178	84
Std. Residual	-2,879	2,057	,000	,988	84
Stud. Residual	-2,943	2,125	-,003	1,007	84
Deleted Residual	-6,633	4,838	-,012	2,264	84
Stud. Deleted Residual	-3,095	2,173	-,005	1,022	84
Mahal. Distance	,015	7,277	1,976	1,403	84
Cook's Distance	,000	,131	,013	,023	84
Centered Leverage Value	,000	,088	,024	,017	84

a. *Dependent Variable:* Daaya Tangkal

REGRESSION

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA COLLIN TOL

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT Z

/METHOD=ENTER X1 X2 X3

/SCATTERPLOT=(*SRESID ,*ZPRED)

/SAVE RESID.

Regression

Notes

Output Created	01-NOV-2021 20:26:01	
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	84
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax	<pre> REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA COLLIN TOL /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Z /METHOD=ENTER X1 X2 X3 /SCATTERPLOT=(*SRESID ,*ZPRED) /SAVE RESID. </pre>	

Resources		Processor Time	00:00:00,20
		Elapsed Time	00:00:00,31
		Memory Required	4112 bytes
		Additional Memory Required for <i>Residual Plots</i>	0 bytes
Variables Modified	Created or	RES_16	Unstandardized <i>Residual</i>

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Pangkalan, Platform, Sewaco ^b	.	Enter

a. *Dependent Variable*: Daaya Tangkal

b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,925 ^a	,856	,851	1,482

a. *Predictors*: (*Constant*), Pangkalan, Platform, Sewaco

b. *Dependent Variable*: Daaya Tangkal

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	<i>Regression</i>	1047,941	3	349,314	159,124	,000 ^b
	<i>Residual</i>	175,618	80	2,195		
	Total	1223,560	83			

a. *Dependent Variable*: Daaya Tangkal

b. *Predictors*: (*Constant*), Pangkalan, Platform, Sewaco

Coefficients^a

Model		UnStandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	43,521	1,931		22,536	,000
	Sewaco	,294	,029	,473	9,964	,000
	Platform	,318	,029	,504	10,767	,000
	Pangkalan	,198	,043	,224	4,568	,000

Coefficients^a

Model		Collinearity Statistics	
		Tolerance	VIF
1	(Constant)		
	Sewaco	,797	1,255
	Platform	,818	1,223
	Pangkalan	,749	1,335

a. Dependent Variable: Daaya Tangkal

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	Sewaco	Platform
1	1	3,978	1,000	,00	,00	,00
	2	,011	19,422	,02	,30	,85
	3	,007	23,529	,26	,70	,14
	4	,004	29,960	,72	,00	,00

Collinearity Diagnostics^a

Model	Dimension	Variance Proportions
		Pangkalan
1	1	,00
	2	,01
	3	,18
	4	,81

a. Dependent Variable: Daaya Tangkal

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	75,75	88,97	82,80	3,553	84
Std. Predicted Value	-1,982	1,737	,000	1,000	84
Standard Error of Predicted Value	,169	,486	,315	,075	84
Adjusted Predicted Value	75,87	89,03	82,81	3,550	84
Residual	-3,563	3,127	,000	1,455	84
Std. Residual	-2,405	2,110	,000	,982	84
Stud. Residual	-2,506	2,175	-,004	1,008	84
Deleted Residual	-3,868	3,321	-,013	1,533	84
Stud. Deleted Residual	-2,594	2,228	-,004	1,018	84
Mahal. Distance	,086	7,952	2,964	1,854	84
Cook's Distance	,000	,134	,014	,021	84
Centered Leverage Value	,001	,096	,036	,022	84

a. *Dependent Variable:* Daaya Tangkal

REGRESSION

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA COLLIN TOL

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT Z

/METHOD=ENTER X1 X2 X3 Y

/SCATTERPLOT=(*SRESID ,*ZPRED)

/SAVE RESID.

Regression

Notes

Output Created		01-NOV-2021 20:26:16
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	84
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax	<pre>REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA COLLIN TOL /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Z /METHOD=ENTER X1 X2 X3 Y /SCATTERPLOT=(*SRESID ,*ZPRED) /SAVE RESID.</pre>	
Resources	Processor Time	00:00:00,28
	Elapsed Time	00:00:00,29
	Memory Required	4752 bytes
	Additional Memory Required for Residual Plots	0 bytes
Variables Modified	Created or RES_17	Unstandardized Residual

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
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1	Kemampuan Operasional, Pangkalan, Sewaco, Platform ^b	.	Enter
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a. *Dependent Variable:* Daaya Tangkal

b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,931 ^a	,866	,859	1,441

a. *Predictors:* (Constant), Kemampuan Operasional, Pangkalan, Sewaco, Platform

b. *Dependent Variable:* Daaya Tangkal

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1059,487	4	264,872	127,534	,000 ^b
	Residual	164,073	79	2,077		
	Total	1223,560	83			

a. *Dependent Variable:* Daaya Tangkal

b. *Predictors:* (Constant), Kemampuan Operasional, Pangkalan, Sewaco, Platform

Coefficients^a

Model		UnStandardized Coefficients		Standardized Coefficients	t
		B	Std. Error	Beta	
1	(Constant)	43,408	1,879		23,101
	Sewaco	,263	,032	,423	8,331
	Platform	,277	,033	,440	8,267
	Pangkalan	,163	,045	,183	3,629
	Kemampuan Operasional	,107	,046	,153	2,358

Coefficients^a

Model	Sig.	Collinearity Statistics	
		Tolerance	VIF
(Constant)	,000		
Sewaco	,000	,658	1,519
Platform	,000	,600	1,666
Pangkalan	,001	,664	1,506
Kemampuan Operasional	,021	,402	2,488

a. *Dependent Variable:* Daaya Tangkal

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	Sewaco	Platform
1	1	4,974	1,000	,00	,00	,00
	2	,011	21,590	,03	,24	,57
	3	,008	25,707	,33	,46	,02
	4	,005	31,881	,41	,12	,14
	5	,003	38,521	,22	,18	,26

Collinearity Diagnostics^a

Model	Dimension	Variance Proportions	
		Pangkalan	Kemampuan Operasional
1	1	,00	,00
	2	,02	,01
	3	,13	,05
	4	,45	,20
	5	,40	,74

a. *Dependent Variable:* Daaya Tangkal

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	75,60	88,86	82,80	3,573	84
Std. Predicted Value	-2,014	1,697	,000	1,000	84
Standard Error of Predicted Value	,177	,560	,344	,075	84
Adjusted Predicted Value	75,71	88,97	82,81	3,563	84
Residual	-3,189	3,056	,000	1,406	84
Std. Residual	-2,213	2,120	,000	,976	84
Stud. Residual	-2,321	2,186	-,004	1,007	84

<i>Deleted Residual</i>	-3,508	3,248	-,012	1,498	84
<i>Stud. Deleted Residual</i>	-2,389	2,241	-,004	1,016	84
<i>Mahal. Distance</i>	,261	11,525	3,952	2,181	84
<i>Cook's Distance</i>	,000	,108	,013	,018	84
<i>Centered Leverage Value</i>	,003	,139	,048	,026	84

a. *Dependent Variable:* Daaya Tangkal

Lampiran 6: Foto Penelitian



Foto peneliti saat melakukan penelitian di Kapal selam Cakra 401



Foto salah satu responden yang sedang mengisi kuesioner penelitian



Foto salah satu responden yang sedang mengisi kuesioner penelitian

RIWAYAT HIDUP PENELITI



Timbul Haryanto Agus Rahmadi, lahir di Sleman pada tanggal 17 November 1975 dari pasangan Bapak Nadhiri dan Ibu Mariyah. Menyelesaikan pendidikan dasar di sekolah SD Negeri Bogem 1 Kalasan, Sleman pada tahun 1989, SMP Negeri 2 Ngemplak, Sleman lulus tahun 1991, SMA Negeri 1 Kalasan, Sleman lulus tahun 1994, Sarjana Tehnika diperoleh dari Politeknik Ilmu Pelayaran Semarang Jawa Tengah tahun 2000.

Selanjutnya melanjutkan study ke Strata Dua di Universitas Pertahanan Republik Indonesia pada tahun 2019 di Fakultas Teknologi Pertahanan. Peneliti berdinras aktif sebagai anggota TNI AL dari tahun 2001 hingga sekarang dengan penempatan tugas di Mabesal.