

Lampiran 8. Hasil Estimasi Propinsi Jawa Tengah

$$\begin{aligned}
 S2JTENG &= 1553.1550 + 0.8216 S3KAB + 0.2670 S4ECKOP \\
 &\quad (0.0001 A) \quad (0.0001 A) \\
 &\quad + 0.2035 S4ECNKO + 0.7709 P2 \\
 &\quad (0.0002 A) \quad (0.6199) \\
 \text{Prob. F} &= 0.0001; \quad R^2 = 0.9980; \quad \text{Adj } R^2 = 0.9979.
 \end{aligned}$$

$$\begin{aligned}
 S3KAB &= 2828.1789 + 0.9977 S4ECKOP + 0.8228 S4ECNKO \\
 &\quad (0.0008 A) \quad (0.0001 A) \\
 &\quad - 9.1396 P3KAB + 0.0300 LS3KAB \\
 &\quad (0.0005 A) \quad (0.0353 B) \\
 \text{Prob. F} &= 0.0001; \quad R^2 = 0.9916; \quad \text{Adj } R^2 = 0.9913.
 \end{aligned}$$

$$\begin{aligned}
 S4ECNKO &= - 51034 + 93284 DPPETNKO + 22769 DPPETKOP \\
 &\quad (0.0001 A) \quad (0.0204 A) \\
 &\quad + 32.5037 P4NKO + 0.2289 LS4ECNKO \\
 &\quad (0.0001 A) \quad (0.1436 B) \\
 \text{Prob. F} &= 0.0001; \quad R^2 = 0.7542; \quad \text{Adj } R^2 = 0.7446.
 \end{aligned}$$

$$\begin{aligned}
 PPETKOP &= 69.6551 - 0.0120 S4ECKOP + 0.0037 S4ECNKO \\
 &\quad (0.0001 A) \quad (0.0001 A) \\
 &\quad + 9.5325 SELHETEC \\
 &\quad (0.0001 A) \\
 \text{Prob. F} &= 0.0001; \quad R^2 = 0.8684; \quad \text{Adj } R^2 = 0.8646.
 \end{aligned}$$

$$\begin{aligned}
 DPPETKOP &= - 0.1161 + 0.9120 AREALKOP + 0.000000898 S4ECKOP \\
 &\quad (0.0001 A) \quad (0.0257 A) \\
 &\quad + 0.00002133 PPETKOP \\
 &\quad (0.6915) \\
 \text{Prob. F} &= 0.0001; \quad R^2 = 0.6238; \quad \text{Adj } R^2 = 0.6129.
 \end{aligned}$$

$$\begin{aligned}
 DPPETNKO &= - 0.003324 + 0.7635 AREALNKO - 0.00000233 S4ECKOP \\
 &\quad (0.0001 A) \quad (0.0001 A) \\
 &\quad + 0.000005714 S4ECNKO \\
 &\quad (0.0001 A) \\
 \text{Prob. F} &= 0.0001; \quad R^2 = 0.9564; \quad \text{Adj } R^2 = 0.9551.
 \end{aligned}$$

$$\begin{aligned}
 GPETKOP &= 0.28165 + 7.2206 AREALKOP + 0.1887 DPPETKOP \\
 &\quad (0.0001 A) \quad (0.1551 B) \\
 \text{Prob. F} &= 0.0001; \quad R^2 = 0.9835; \quad \text{Adj } R^2 = 0.9832.
 \end{aligned}$$

$$\begin{aligned}
 GPETNKO &= 0.4217 + 6.1760 AREALNKO + 0.4991 DPPETNKO \\
 &\quad (0.0001 A) \quad (0.0273 A) \\
 \text{Prob. F} &= 0.0001; \quad R^2 = 0.9358; \quad \text{Adj } R^2 = 0.9346.
 \end{aligned}$$

Keterangan :

Nilai () menunjukkan nilai probabilitas t, sedangkan abjad A, B, dan C menunjukkan :

- A = Tingkat signifikansi α 1 sampai 10 %,
- B = Tingkat signifikansi α 11 sampai 20 %, dan
- C = Tingkat signifikansi α 21 sampai 30 %.

$$\text{JGPETKOP} = 0.5587 + 0.3618 \text{ GPETKOP} + 0.000596 \text{ PGKOP}$$

(0.0001 A) (0.1785 B)

Prob. F = 0.0001; $R^2 = 0.6680$; Adj $R^2 = 0.6617$.

$$\text{JGPETNKO} = -1.0824 + 0.8841 \text{ GPETNKO} + 0.000723 \text{ PGNKO}$$

(0.0001 A) (0.0001 A)

Prob. F = 0.0001; $R^2 = 0.9758$; Adj $R^2 = 0.9754$.

$$\text{IPETKOP} = 198357 + 802396 \text{ JGPETKOP} + 5091.6454 \text{ PGKOP}$$

(0.0050 A) (0.0007 A)

$$- 0.8543 \text{ CPETKOP}$$

(0.0001 A)

Prob. F = 0.0001; $R^2 = 0.9480$; Adj $R^2 = 0.9465$.

$$\text{IPETNKO} = -2002858 + 1855356 \text{ JGPETNKO} + 1086.3298 \text{ PGNKO}$$

(0.0001 A) (0.0105 A)

$$- 0.0680 \text{ CPETNKO}$$

(0.0059 A)

Prob. F = 0.0001; $R^2 = 0.9889$; Adj $R^2 = 0.9886$.

$$\text{PGKOP} = 657.4587 + 35.2039 \text{ GPETKOP} + 89.5969 \text{ JGPETKOP}$$

(0.0553 A) (0.0371 A)

$$+ 0.0989 \text{ PPETKOP}$$

(0.0028 A)

Prob. F = 0.0001; $R^2 = 0.6095$; Adj $R^2 = 0.5982$.

$$\text{PGNKO} = -637.7806 - 70.3989 \text{ GPETNKO} + 183.3788 \text{ JGPETNKO}$$

(0.2792 C) (0.0073 A)

$$+ 1.2600 \text{ PPETNKO}$$

(0.0009 A)

Prob. F = 0.0001; $R^2 = 0.6126$; Adj $R^2 = 0.6014$.

$$\text{BGKOP} = 1024.1309 - 2.2652 \text{ PGKOP} + 2.0370 \text{ CPRMUKOP}$$

(0.2068 C) (0.0001 A)

$$+ 2.2554 \text{ CPGLJKOP} + 0.5301 \text{ TCPSARBR}$$

(0.0001 A) (0.1481 B)

Prob. F = 0.0001; $R^2 = 0.8488$; Adj $R^2 = 0.8429$.

$$\text{PROBRKOP} = -855.2005 + 2.5142 \text{ CPPRODBR} + 0.5977 \text{ BGKOP}$$

(0.0002 A) (0.0001 A)

Prob. F = 0.0001; $R^2 = 0.9740$; Adj $R^2 = 0.9736$.

$$\text{CPPRODBR} = 123.9557 + 0.1055 \text{ PROBRKOP} + 0.0472 \text{ TCPSARBR}$$

(0.0001 A) (0.0017 A)

Prob. F = 0.0001; $R^2 = 0.9081$; Adj $R^2 = 0.9064$.

$$\text{MOSE} = 5277559 + 43395 \text{ ANG} + 4766.7784 \text{ CPPRODBR}$$

(0.0001 A) (0.4265)

Prob. F = 0.0001; $R^2 = 0.7733$; Adj $R^2 = 0.7690$.

$$\text{MOLU} = 248874 + 0.71235 \text{ ASET} + 0.1357 \text{ MOSE}$$

(0.0001 A) (0.5731)

Prob. F = 0.0001; $R^2 = 0.9464$; Adj $R^2 = 0.9454$.

$$\text{ASET} = -26359542 + 0.9853 \text{ MOTO} + 35885 \text{ ANG} \\ \quad \quad \quad (0.0001 \text{ A}) \quad (0.0005 \text{ A}) \\ + 2606.2335 \text{ TCPSARBR} \\ \quad \quad \quad (0.7310)$$

$$\text{Prob. F} = 0.0001; \quad R^2 = 0.9589; \quad \text{Adj } R^2 = 0.9578.$$

$$\text{VOLUME} = 26457315 + 181.9906 \text{ S4ECKOP} - 173.9747 \text{ S4ECNKO} \\ \quad \quad \quad (0.8178) \quad (0.4799) \\ + 454.1683 \text{ PROBRKOP} + 25.8199 \text{ VOLA} + 2.3543 \text{ VOLPSR} \\ \quad \quad \quad (0.7969) \quad (0.0001 \text{ A}) \quad (0.0321 \text{ A})$$

$$\text{Prob. F} = 0.0001; \quad R^2 = 0.9829; \quad \text{Adj } R^2 = 0.9821.$$

$$\text{SHU} = -345816 + 0.0147 \text{ VOLUME} + 0.0011 \text{ ASET} \\ \quad \quad \quad (0.0001 \text{ A}) \quad (0.0333 \text{ A})$$

$$\text{Prob. F} = 0.0001; \quad R^2 = 0.9621; \quad \text{Adj } R^2 = 0.9613.$$

$$\text{SHUA} = -60922 + 0.1347 \text{ SHU} + 3.7363 \text{ PRAN} \\ \quad \quad \quad (0.0001 \text{ A}) \quad (0.0003 \text{ A})$$

$$\text{Prob. F} = 0.0001; \quad R^2 = 0.9730; \quad \text{Adj } R^2 = 0.9725.$$

$$\text{PRAN} = 469.3288 + 0.000209 \text{ VOLUME} - 2070.8726 \text{ JTPK} \\ \quad \quad \quad (0.0001 \text{ A}) \quad (0.3939)$$

$$\text{Prob. F} = 0.0001; \quad R^2 = 0.9072; \quad \text{Adj } R^2 = 0.9054.$$

$$\text{PRAS} = -0.0940 + 2.004995\text{E-12} \text{ VOLUME} + 0.000000486 \text{ PRAN} \\ \quad \quad \quad (0.9966) \quad (0.8235) \\ + 3.0274 \text{ PRMOTO} \\ \quad \quad \quad (0.0001 \text{ A})$$

$$\text{Prob. F} = 0.0001; \quad R^2 = 0.9077; \quad \text{Adj } R^2 = 0.9050.$$

$$\text{PRUS} = 0.1827 + 1.1710087\text{E-9} \text{ VOLUME} - 0.000006921 \text{ PRAN} \\ \quad \quad \quad (0.0654 \text{ A}) \quad (0.0179 \text{ A}) \\ + 0.2153 \text{ PRCOST} \\ \quad \quad \quad (0.0001 \text{ A})$$

$$\text{Prob. F} = 0.0001; \quad R^2 = 0.5170; \quad \text{Adj } R^2 = 0.5030.$$

Lampiran 8 A. Nilai Elastisitas Peubah Propinsi Jawa Tengah

No.	Peubah	Nilai Rataan	Koefisien	Elastisitas
1	S2JTENG	68670.88021		
	S3KAB	61205.83392	0.821617	0.732300991
	S4ECKOP	34208.94502	0.286982	0.142962365
	S4ECNKO	32842.81543	0.203551	0.097351132
	P2	424.6979537	0.770947	0.004767954
2	S3KAB	61205.83392		
	S4ECKOP	34208.94502	0.997704	0.557633139
	S4ECNKO	32842.81543	0.822771	0.441495759
	P3KAB	497.3403241	-9.139594	-0.074265611
	LS3KAB	58996.85246	0.030012	0.028928836
3	S4ECNKO	32842.81543		
	DPPETNKO	0.551083333	93284	1.565251243
	DPPETKOP	0.580648148	22769	0.402547026
	P4NKO	511.8284815	32.503724	0.506544018
	LS4ECNKO	32842.81543	0.079527	0.079527
4	PPETKOP	618.9820926		
	S4ECKOP	34208.94502	-0.011966	-0.661318382
	S4ECNKO	32842.81543	0.003716	0.197168712
	SELHETEC	87.76657407	9.532549	1.351637112
5	DPPETKOP	0.580648148		
	AREALKOP	0.715833333	0.911978	1.12430265
	S4ECKOP	34208.94502	0.000000898	0.052905762
	PPETKOP	618.9820926	0.000021333	0.022741388
6	DPPETNKO	0.551083333		
	AREALNKO	0.584814815	0.763535	0.810270521
	S4ECKOP	34208.94502	-0.000002333	-0.144822868
	S4ECNKO	32842.81543	0.000005714	0.340536242
7	GPETKOP	5.559953704		
	AREALKOP	0.715833333	7.220564	0.929633711
	DPPETKOP	0.580648148	0.188726	0.019709409
8	GPETNKO	4.308601852		
	AREALNKO	0.584814815	6.17603	0.838284428
	DPPETNKO	0.551083333	0.499078	0.0638336
9	JGPETKOP	3.291666667		
	GPETKOP	5.559953704	0.361825	0.611158557
	PGKOP	1209.305648	0.000596	0.218960861
10	JGPETNKO	3.610935185		
	GPETNKO	4.308601852	0.884114	1.054933147
	PGNKO	1222.037083	0.000723	0.244682545

No.	Peubah	Nilai Rataan	Koefisien	Elastisitas
11	IPETKOP	5184607.426		
	JGPETKOP	3.291666667	802396	0.509434939
	PGKOP	1209.305648	5091.645379	1.187622323
	CPETKOP	4462399.954	-0.854322	-0.73531632
12	IPETNKO	5707739.387		
	JGPETNKO	3.610935185	1855356	1.173769475
	PGNKO	1222.037083	1086.329796	0.232585128
	CPETNKO	4655863.676	-0.06798	-0.055452008
13	PGKOP	1209.305648		
	GPETKOP	5.559953704	35.203877	0.161854802
	JGPETKOP	3.291666667	89.59693	0.243878153
	PPETKOP	618.9820926	0.098859	0.050600897
14	PGNKO	1222.037083		
	GPETNKO	4.308601852	-70.398912	-0.248209229
	JGPETNKO	3.610935185	183.378805	0.541856698
	PPETNKO	1191.234546	1.260012	1.228252271
15	BGKOP	5710.361204		
	PGKOP	1209.305648	-2.265158	-0.479701417
	CPRMUKOP	1303.032509	2.036967	0.464810215
	CPGLJKOP	1003.814917	2.255373	0.396468276
	TCPSARBR	4729.856602	0.530098	0.43907687
16	PROBRKOP	4670.046398		
	CPPRODBR	840.1297315	2.514244	0.452306242
	BGKOP	5710.361204	0.597678	0.730818706
17	CPPRODBR	840.1297315		
	PROBRKOP	4670.046398	0.105519	0.586550633
	TCPSARBR	4729.856602	0.047231	0.265906382
18	MOSE	63265822.43		
	ANG	1243.9915	43395	0.85327289
	CPPRODBR	840.1297315	4766.778422	0.063299774
19	MOLU	251695186.6		
	ASET	340931684.4	0.71235	0.964907945
	MOSE	63265822.43	0.135674	0.034102866
20	ASET	340931684.4		
	MOTO	314961009.1	0.985275	0.910221087
	ANG	1243.9915	35885	0.130937185
	TCPSARBR	4729.856602	2606.233465	0.036157128
21	VOLUME	365560651.7		
	S4ECKOP	34208.94502	181.990586	0.017030569
	S4ECNKO	34208.94502	-173.974706	-0.016280448
	PROBRKOP	4670.046398	454.16835	0.005802012
	VOLA	12765953.7	25.819888	0.901671154
	VOLPSR	2911626.26	2.354345	0.018751944

No.	Peubah	Nilai Rataan	Koefisien	Elastisitas
22	SHU	5411965.297		
	VOLUME	365560651.7	0.014728	0.994828493
	ASET	340931684.4	0.001096	0.069043518
23	SHUA	939912.607		
	SHU	5411965.297	0.134668	0.775410966
	PRAN	72804.08171	3.736288	0.289406712
24	PRAN	72804.08171		
	VOLUME	365560651.7	0.000209	1.049421604
	JTPK	1.963694444	-2070.872581	-0.055856222
25	PRAS	1.471509259		
	VOLUME	365560651.7	2.00E-12	4.98E-04
	PRAN	72804.08171	4.86E-07	2.40E-02
	PRMOTO	0.505166667	3.02743500E+00	1.04E+00
26	PRUS	0.757657407		
	VOLUME	365560651.7	1.17E-09	5.65E-01
	PRAN	72804.08171	-6.92E-06	-6.65E-01
	PRCOST	3.022203704	0.215336	8.59E-01