

Lampiran 2. Hasil Estimasi Propinsi Sumatera Utara

$$\begin{aligned}
 S2SMUT &= 1.9512 + 2.3764 S3KAB + 1.4234 S4ECKOP \\
 &\quad (0.0001 A) \quad (0.3888) \\
 &\quad + 1.4538 S4ECNKO - 9.0957 P2 - 0.0427 LS2 \\
 &\quad (0.1807 B) \quad (0.0075 A) \quad (0.0001 A) \\
 \text{Prob. F} &= 0.0001; \quad R^2 = 0.9995; \quad \text{Adj } R^2 = 0.9995. \\
 \\
 S3KAB &= - 3.5407 + 4.1427 S4ECKOP + 6.7113 S4ECNKO \\
 &\quad (0.5010) \quad (0.3582) \\
 &\quad + 148.5960 P3KAB - 173.5206 P4KOP - 0.1735 LS3KAB \\
 &\quad (0.0001 A) \quad (0.0001 A) \quad (0.0001 A) \\
 \text{Prob. F} &= 0.0001; \quad R^2 = 0.9650; \quad \text{Adj } R^2 = 0.9635. \\
 \\
 S4ECNKO &= 71.8633 - 248.4135 DPPETNKO + 0.1006 PPETNKO \\
 &\quad (0.2264 C) \quad (0.5098) \\
 &\quad + 0.9770 LS4ECNKO \\
 &\quad (0.0001 A) \\
 \text{Prob. F} &= 0.0001; \quad R^2 = 0.9352; \quad \text{Adj } R^2 = 0.9335. \\
 \\
 PPETKOP &= 1127.3593 - 0.0424 S4ECKOP - 0.0262 S4ECNKO \\
 &\quad (0.7584) \quad (0.6922) \\
 &\quad + 2.2150 SLHETEC1 + 0.0003 SISA \\
 &\quad (0.0001 A) \quad (0.3436) \\
 \text{Prob. F} &= 0.0001; \quad R^2 = 0.8207; \quad \text{Adj } R^2 = 0.8185. \\
 \\
 DPPETKOP &= - 0.6735 + 0.5774 AREALKOP + 0.000138 S3ECKOP \\
 &\quad (0.0001 A) \quad (0.2232 B) \\
 &\quad - 0.0000557 S4ECNKO + 0.000444 PPETKOP \\
 &\quad (0.3058 C) \quad (0.0001 A) \\
 \text{Prob. F} &= 0.0001; \quad R^2 = 0.8818; \quad \text{Adj } R^2 = 0.8777. \\
 \\
 DPPETNKO &= - 0.2868 + 0.6001 AREALNKO - 0.00037 S4ECKOP \\
 &\quad (0.0001 A) \quad (0.0054 A) \\
 &\quad + 0.000182 S4ECNKO + 0.000168 PPETKOP \\
 &\quad (0.0045 A) \quad (0.0003 A) \\
 \text{Prob. F} &= 0.0001; \quad R^2 = 0.9259; \quad \text{Adj } R^2 = 0.9233. \\
 \\
 GPETKOP &= - 0.3574 + 3.8153 AREALKOP + 1.4110 DPPETKOP \\
 &\quad (0.0001 A) \quad (0.0013 A) \\
 &\quad + 0.000528 PGKOP \\
 &\quad (0.0006 A) \\
 \text{Prob. F} &= 0.0001; \quad R^2 = 0.9005; \quad \text{Adj } R^2 = 0.8979. \\
 \\
 GPETNKO &= - 0.2986 + 2.6632 AREALNKO + 2.6612 DPPETNKO \\
 &\quad (0.0001 A) \quad (0.0008 A) \\
 \text{Prob. F} &= 0.0001; \quad R^2 = 0.8966; \quad \text{Adj } R^2 = 0.8949.
 \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 %.

$$\text{JGPETKOP} = -0.1150 + 0.7315 \text{ GPETKOP} + 0.000122 \text{ PGKOP}$$

$$\text{Prob. F} = 0.0001; \quad R^2 = 0.9367; \quad \text{Adj } R^2 = 0.9356.$$

$$\text{JGPETNKO} = -0.4334 + 0.7486 \text{ GPETNKO} + 0.000354 \text{ PGKOP}$$

$$\text{Prob. F} = 0.0001; \quad R^2 = 0.9808; \quad \text{Adj } R^2 = 0.9805.$$

$$\text{IPETKOP} = -1452557 + 1580692 \text{ JGPETKOP} + 1552.5149 \text{ PGKOP}$$

$$+ 1834.0582 \text{ PGNKO} - 1.0282 \text{ CPETKOP}$$

$$\text{Prob. F} = 0.0001; \quad R^2 = 0.8928; \quad \text{Adj } R^2 = 0.8891.$$

$$\text{IPETNKO} = -397886 + 1243375 \text{ JGPETNKO} + 1083.6412 \text{ PGNKO}$$

$$+ 597.5572 \text{ PGKOP} - 0.5181 \text{ CPETNKO}$$

$$\text{Prob. F} = 0.0001; \quad R^2 = 0.9426; \quad \text{Adj } R^2 = 0.9406.$$

$$\text{PGKOP} = 1173.5957 + 0.6670 \text{ PGNKO} - 181.7582 \text{ GPETKOP}$$

$$+ 229.6016 \text{ JGPETKOP} + 0.1153 \text{ PPETNKO}$$

$$\text{Prob. F} = 0.0001; \quad R^2 = 0.5050; \quad \text{Adj } R^2 = 0.4878.$$

$$\text{PGNKO} = 854.3236 + 0.6609 \text{ PGKOP} + 561.6500 \text{ GPETNKO}$$

$$- 800.2122 \text{ JGPETNKO} + 0.2064 \text{ PPETNKO}$$

$$\text{Prob. F} = 0.0001; \quad R^2 = 0.5417; \quad \text{Adj } R^2 = 0.5258.$$

$$\text{BGKOP} = 12784 - 11.1639 \text{ PGKOP} + 39678 \text{ CPRMUKOP}$$

$$- 118.8532 \text{ CPGLJKOP} - 353.7574 \text{ CPLATKOP}$$

$$\text{Prob. F} = 0.0001; \quad R^2 = 0.6890; \quad \text{Adj } R^2 = 0.6782.$$

$$\text{PROBRKOP} = 1.6476 + 0.0020 \text{ CPPRODBR} + 0.000213 \text{ BGKOP}$$

$$- 0.0183 \text{ TCPSARBR}$$

$$\text{Prob. F} = 0.0001; \quad R^2 = 0.4273; \quad \text{Adj } R^2 = 0.4125.$$

$$\text{CPPRODBR} = 108.9591 + 3.1208 \text{ TCPSARBR} - 181.4595 \text{ CPRMUKOP}$$

$$+ 3.7616 \text{ CPLATKOP}$$

$$\text{Prob. F} = 0.0001; \quad R^2 = 0.4575; \quad \text{Adj } R^2 = 0.4435.$$

$$\text{MOSE} = -1727013 + 67395 \text{ ANG} + 0.9014 \text{ SIMA} + 13771 \text{ CPPRODBR}$$

$$\text{Prob. F} = 0.0001; \quad R^2 = 0.9433; \quad \text{Adj } R^2 = 0.9418.$$

$$\begin{aligned} \text{MOLU} = & -26070211 + 0.1754 \text{ ASET} - 0.7397 \text{ MOSE} + 313863 \text{ ANG} \\ & \quad \quad \quad (0.0015 \text{ A}) \quad \quad (0.2931 \text{ C}) \quad \quad (0.0001 \text{ A}) \\ & + 45600524 \text{ JUS} \\ & \quad \quad \quad (0.0071 \text{ A}) \end{aligned}$$

$$\text{Prob. F} = 0.0001; \quad R^2 = 0.8143; \quad \text{Adj } R^2 = 0.8078.$$

$$\begin{aligned} \text{ASET} = & -1244467 + 0.3076 \text{ MOTO} + 1981588 \text{ TCPSARBR} \\ & \quad \quad \quad (0.0003 \text{ A}) \quad \quad \quad (0.0001 \text{ A}) \end{aligned}$$

$$\text{Prob. F} = 0.0001; \quad R^2 = 0.8248; \quad \text{Adj } R^2 = 0.8218.$$

$$\begin{aligned} \text{VOLUME} = & -3971595 + 107491 \text{ S4ECKOP} - 57059 \text{ S4ECNKO} \\ & \quad \quad \quad (0.0782 \text{ A}) \quad \quad \quad (0.0541 \text{ A}) \\ & + 1.4748 \text{ VOLA} + 0.2715 \text{ VOLPSR} \\ & \quad \quad \quad (0.0001 \text{ A}) \quad \quad \quad (0.0001 \text{ A}) \end{aligned}$$

$$\text{Prob. F} = 0.0001; \quad R^2 = 0.9939; \quad \text{Adj } R^2 = 0.9937.$$

$$\begin{aligned} \text{SHU} = & 210799 + 0.003772 \text{ VOLUME} + 0.009243 \text{ ASET} + 0.375902 \text{ PRAN} \\ & \quad \quad \quad (0.0001 \text{ A}) \quad \quad \quad (0.0001 \text{ A}) \quad \quad \quad (0.0001 \text{ A}) \end{aligned}$$

$$\text{Prob. F} = 0.0001; \quad R^2 = 0.7581; \quad \text{Adj } R^2 = 0.7519.$$

$$\begin{aligned} \text{SHUA} = & 152670 + 0.1892 \text{ SHU} + 0.2397 \text{ PRAN} \\ & \quad \quad \quad (0.0001 \text{ A}) \quad \quad \quad (0.0001 \text{ A}) \end{aligned}$$

$$\text{Prob. F} = 0.0001; \quad R^2 = 0.8388; \quad \text{Adj } R^2 = 0.8360.$$

$$\begin{aligned} \text{PRAN} = & 146834 + 0.012863 \text{ VOLUME} + 3085680 \text{ JTPK} \\ & \quad \quad \quad (0.0001 \text{ A}) \quad \quad \quad (0.0001 \text{ A}) \\ & - 1874680 \text{ JKAR} + 276818 \text{ PRMOTO} \\ & \quad \quad \quad (0.0001 \text{ A}) \quad \quad \quad (0.0083 \text{ A}) \end{aligned}$$

$$\text{Prob. F} = 0.0001; \quad R^2 = 0.7148; \quad \text{Adj } R^2 = 0.7048.$$

$$\begin{aligned} \text{PRAS} = & -0.030880 + 0.0000000014237 \text{ VOLUME} \\ & \quad \quad \quad (0.0001 \text{ A}) \\ & - 0.00000007508 \text{ PRAN} + 0.10179 \text{ PRMOTO} \\ & \quad \quad \quad (0.0001 \text{ A}) \quad \quad \quad (0.0001 \text{ A}) \end{aligned}$$

$$\text{Prob. F} = 0.0001; \quad R^2 = 0.8644; \quad \text{Adj } R^2 = 0.8609.$$

$$\begin{aligned} \text{PRUS} = & 2.3795 + 0.000003775 \text{ PRAN} + 0.0000000029513 \text{ PRKRED} \\ & \quad \quad \quad (0.0001 \text{ A}) \quad \quad \quad (0.0001 \text{ A}) \end{aligned}$$

$$\text{Prob. F} = 0.0001; \quad R^2 = 0.6861; \quad \text{Adj } R^2 = 0.6808.$$

Lampiran 2 A. Nilai Elastisitas Peubah Propinsi Sumatera Utara

No.	Peubah	Nilai Rataan	Koefisien	Elastisitas
1	S2SMUT	13084.56749		
	S3KAB	5785.117492	2.376413	1.050690321
	S4ECKOP	457.4591833	1.423441	0.049765967
	S4ECNKO	953.10085	1.453851	0.105900835
	P2	236.4279083	-9.095664	-0.16435154
	LS2	12907.7425	-0.042732	-0.042154519
2	S3KAB	5785.117492		
	S4ECKOP	457.4591833	4.142691	0.32758402
	S4ECNKO	953.10085	6.711272	1.105685244
	P3KAB	243.0737417	148.595971	6.24356873
	P4KOP	216.87585	-173.52056	-6.505039698
	LS3KAB	5707.9425	-0.173501	-0.171186451
3	S4ECNKO	953.10085		
	DPPETNKO	0.560016667	-248.413553	-0.145961185
	PPETNKO	1388.361233	0.100556	0.146477733
	LS4ECNKO	901.5091917	0.976967	0.924083459
4	PPETKOP	1477.920858		
	S4ECKOP	457.4591833	-0.042425	-0.013131763
	S4ECNKO	953.10085	-0.026252	-0.016929732
	SLHETEC1	177.2918833	2.215044	0.265717423
	SISA	7299.450825	0.000312	0.001540968
5	DPPETKOP	0.58025		
	AREALKOP	1.016666667	0.57741	1.011690651
	S4ECKOP	457.4591833	0.000138	0.108796842
	S4ECNKO	953.10085	-0.000055657	-0.091420481
	PPETKOP	1477.920858	0.000444	1.130886447
6	DPPETNKO	0.560016667		
	AREALNKO	0.991766667	0.600051	1.062665837
	S4ECKOP	457.4591833	-0.00037	-0.302240822
	S4ECNKO	953.10085	0.000182	0.309748558
	PPETKOP	1477.920858	0.000168	0.443363062
7	GPETKOP	4.8925		
	AREALKOP	1.016666667	3.815299	0.792823161
	DPPETKOP	0.58025	1.411037	0.167348844
	PGKOP	1045.7502	0.000528	0.112857661
8	GPETNKO	4.4301		
	AREALNKO	0.991766667	2.663169	0.596203752
	DPPETNKO	0.560016667	2.661166	0.336402635
9	JGPETKOP	3.591508333		
	GPETKOP	4.8925	0.731466	0.996432995
	PGKOP	1045.7502	0.000122	0.035523104

No.	Peubah	Nilai Rataan	Koefisien	Elastisitas
10	JGPETNKO	3.253108333		
	GPETNKO	4.4301	0.748642	1.019504604
	PGKOP	1045.7502	0.000354	0.113797492
11	IPETKOP	4739813.542		
	JGPETKOP	3.591508333	1580692	1.19774089
	PGKOP	1045.7502	1552.514922	0.34253305
	PGNKO	334.7924333	1834.058165	0.129547036
	CPETKOP	1675054.653	-1.028188	-0.363362626
12	IPETNKO	3808263.542		
	JGPETNKO	3.253108333	1243375	1.062120184
	PGNKO	334.7924333	1083.641213	0.095265171
	PGKOP	1045.7502	597.557178	0.164089363
	CPETNKO	1595080.972	-0.518077	-0.216995162
13	PGKOP	1045.7502		
	PGNKO	334.7924333	-0.667032	-0.213547429
	GPETKOP	4.8925	-181.758235	-0.850348549
	JGPETKOP	3.591508333	229.60161	0.788540223
	PPETNKO	1388.361233	0.115321	0.153102725
14	PGNKO	334.7924333		
	PGKOP	1045.7502	-0.660908	-2.064397532
	GPETNKO	4.4301	561.650044	7.431965637
	JGPETNKO	3.253108333	-800.212165	-7.775494913
	PPETNKO	1388.361233	0.206448	0.856125681
15	BGKOP	12446.23412		
	PGKOP	1045.7502	-11.163859	-0.938003228
	CPRMUKOP	0.572033333	39678	1.823614949
	CPGLJKOP	64.3007	-118.853171	-0.61402847
	CPLATKOP	10.50903333	-353.757442	-0.298696675
16	PROBRKOP	3.681483333		
	CPPRODBR	534.084125	0.00199	0.288695429
	BGKOP	12446.23412	0.000213	0.720103183
	TCPSARBR	91.98083333	-0.018295	-0.457095468
17	CPPRODBR	534.084125		
	PROBRKOP	3.681483333		
	TCPSARBR	91.98083333	3.120768	0.537463721
	CPRMUKOP	0.572033333	-181.459531	-0.194353091
	CPGLJKOP	64.3007	3.761623	0.452878078
18	MOSE	27096777.43		
	ANG	239.1423917	67395	0.594794032
	SIMA	5937588.618	0.90139	0.197517325
	CPPRODBR	534.084125	13771	0.271429786