PROC MEANS DATA=WORK.SKRIPSI;

RUN;

TITLE "STATISTICS DESCRIPTIVE"

PROC MEANS DATA=WORK.SKRIPSI;

LABEL KP='Y'

LD='X1'

RJK='X2'

IPM='Z1'

AHH='Z2';

RUN;

TITLE "MODEL REGRESI LINEAR BERGANDA"

PROC REG DATA=WORK.SKRIPSI;

MODEL KP = LD RJK IPM AHH;

LABEL KP='Y'

LD='X1'

RJK='X2'

IPM='Z1'

AHH='Z2';

RUN;

TITLE "NORMALITY TEST"

PROC MULTIVARIATE DATA=WORK.SKRIPSI;

VAR SRESID;

HISTOGRAM SRESID/ NORMAL

PROC REG DATA=WORK.SKRIPSI;

MODEL KP = LD RJK IPM AHH

/ SELECTION=FORWARD SLENTRY=0.05

DETAILS;

RUN;

PROC REG DATA=WORK.SKRIPSI;

MODEL KP = LD RJK IPM AHH

/ SELECTION=BACKWARD SLSTAY=0.05

DETAILS;

RUN;

PROC REG DATA=WORK.SKRIPSI;

MODEL KP = LD RJK IPM AHH

/ SELECTION=STEPWISE SLENTRY=0.05 SLSTAY=0.05

DETAILS;

RUN;

proc reg data=work.skripsi;

model KP=LD RJK IPM AHH /selection=stepwise

sls=0.05 sle=0.05;

output out=outwork.skripsi p=predicted r=resid L95=lci U95=uci;

PLOT resid\*kp=symbol;

run;

DATA SKRIPSI;

INPUT KP $ LD $ RJK $ IPM $ AHH;

DATALINES;

260.99 159.41 106.07 67.9 67.65

169.53 146.07 106.81 67.9 67.65

81.16 98.88 112.92 67.9 67.65

133.01 93.91 107.04 67.9 67.65

163.99 115.09 108.44 67.9 67.65

122.83 150.22 111.29 67.9 67.65

75.23 199.29 109.24 67.9 67.65

87.75 197.71 112.9 67.9 67.65

73.44 182.01 112.11 67.9 67.65

92.16 267.23 113.26 67.9 67.65

184.27 130.44 105.86 67.9 67.65

268.27 129.7 104.73 67.9 67.65

216.2 76.96 106.11 67.9 67.65

333.0 61.55 105.35 67.9 67.65

107.55 108.12 109.36 67.9 67.65

196.92 209.63 108.7 66.65 68.67

231.12 170.9 107.0 66.65 68.67

176.13 98.12 109.5 66.65 68.67

612.86 76.93 106.5 66.65 68.67

96.24 185.29 114.4 66.65 68.67

294.3 73.33 104.1 66.65 68.67

225.46 101.3 109.9 66.65 68.67

92.2 437.21 105.8 66.65 68.67

135.58 323.08 108.6 66.65 68.67

167.63 186.35 108.6 66.65 68.67

1180.97 45.13 104.6 66.65 68.67

635.12 56.77 105.4 66.65 68.67

1323.36 32.53 105.7 66.65 68.67

862.58 25.68 106.4 66.65 68.67

284.79 232.4 107.5 66.65 68.67

467.09 51.68 106.5 66.65 68.67

185.75 133.76 109.1 66.65 68.67

101.05 121.09 111.9 66.65 68.67

90.04 240.61 109.0 66.65 68.67

257.89 53.67 108.2 66.65 68.67

765.0 250.88 105.0 68.49 69.42

782.0 164.47 105.8 68.49 69.42

634.0 129.72 104.6 68.49 69.42

308.0 103.32 105.7 68.49 69.42

385.0 188.62 105.5 68.49 69.42

496.0 113.94 104.5 68.49 69.42

523.0 46.54 106.1 68.49 69.42

411.0 158.99 105.3 68.49 69.42

679.0 84.9 104.4 68.49 69.42

471.0 38.45 99.8 68.49 69.42

523.0 179.82 104.8 68.49 69.42

248.0 100.39 107.0 68.49 69.42

368.0 165.57 103.7 68.49 69.42

382.0 93.44 102.7 68.49 69.42

338.0 124.96 104.8 68.49 69.42

489.0 108.6 104.7 68.49 69.42

429.0 57.13 104.1 68.49 69.42

310.0 76.78 103.0 69.66 70.78

412.0 148.88 100.0 69.66 70.78

436.0 148.34 102.0 69.66 70.78

185.0 250.73 105.0 69.66 70.78

219.0 339.12 105.0 69.66 70.78

194.0 267.85 105.0 69.66 70.78

195.0 193.94 105.0 69.66 70.78

154.0 211.07 104.0 69.66 70.78

151.0 177.32 106.0 69.66 70.78

374.0 194.99 107.0 69.66 70.78

363.0 79.56 104.0 69.66 70.78

271.0 185.71 106.0 69.66 70.78

186.0 139.3 107.0 69.66 70.78

275.0 78.52 105.0 69.66 70.78

248.0 229.27 106.0 69.66 70.78

96.0 247.61 106.0 69.66 70.78

94.0 485.51 107.0 69.66 70.78

93.0 756.76 106.0 69.66 70.78

248.0 73.17 101.0 69.66 70.78

248.0 180.69 104.0 69.66 70.78

503.0 100.13 103.0 69.66 70.78

234.0 161.37 104.0 69.66 70.78

201.0 222.03 102.0 69.66 70.78

65.0 376.38 102.0 69.66 70.78

382.41 164.0 107.2 70.23 69.87

146.56 272.63 105.3 70.23 69.87

287.37 187.4 104.6 70.23 69.87

295.23 162.68 104.6 70.23 69.87

283.78 70.22 104.3 70.23 69.87

687.08 111.9 106.1 70.23 69.87

469.83 97.9 105.7 70.23 69.87

669.74 104.88 104.7 70.23 69.87

475.76 164.01 105.6 70.23 69.87

333.19 94.15 106.2 70.23 69.87

557.73 63.71 104.0 70.23 69.87

912.59 64.18 103.9 70.23 69.87

693.05 60.7 103.0 70.23 69.87

790.28 46.9 103.3 70.23 69.87

363.88 114.98 102.55 67.89 69.3

134.65 133.06 106.55 67.89 69.3

96.33 331.06 105.94 67.89 69.3

340.75 60.08 104.84 67.89 69.3

186.71 91.93 104.38 67.89 69.3

247.44 40.2 104.63 67.89 69.3

67.51 183.47 105.07 67.89 69.3

927.78 59.11 104.74 67.89 69.3

195.79 175.19 102.83 67.89 69.3

661.94 104.22 101.62 67.89 69.3

371.13 141.36 103.96 67.89 69.3

268.74 96.88 104.44 67.89 69.3

101.03 191.39 104.9 67.89 69.3

351.37 104.47 105.1 67.89 69.3

256.85 110.51 102.66 67.89 69.3

253.44 89.65 103.83 67.89 69.3

123.72 118.69 103.86 67.89 69.3

269.08 125.76 105.02 67.89 69.3

171.24 68.96 104.13 67.89 69.3

182.74 52.2 105.01 67.89 69.3

280.05 127.59 105.04 67.89 69.3

161.71 92.63 105.14 67.89 69.3

152.89 111.6 105.76 67.89 69.3

139.0 331.6 106.74 67.57 69.46

288.0 152.03 103.37 67.57 69.46

269.0 115.22 102.47 67.57 69.46

215.0 150.27 106.1 67.57 69.46

118.0 207.18 106.96 67.57 69.46

130.0 532.99 105.44 67.57 69.46

123.0 206.25 105.38 67.57 69.46

68.0 562.98 105.19 67.57 69.46

83.0 138.22 104.73 67.57 69.46

206.0 102.04 104.02 67.57 69.46

212.0 131.75 106.02 67.57 69.46

77.0 580.34 105.99 67.57 69.46

105.0 348.4 105.83 67.57 69.46

60.0 362.37 104.76 67.57 69.46

190.27 230.88 104.1 68.73 70.01

301.47 132.95 105.5 68.73 70.01

113.43 132.95 104.4 68.73 70.01

126.73 114.47 107.5 68.73 70.01

198.25 104.45 106.8 68.73 70.01

164.11 94.71 105.7 68.73 70.01

148.02 344.0 103.9 68.73 70.01

145.27 210.53 105.4 68.73 70.01

253.05 123.94 105.2 68.73 70.01

54.22 657.07 111.9 68.73 70.01

95.08 176.65 116.6 68.73 70.01

107.07 169.18 112.7 68.73 70.01

258.46 95.36 108.5 68.73 70.01

82.34 685.65 109.7 68.73 70.01

80.36 193.53 103.9 68.73 70.01

136.93 113.19 107.2 66.14 69.15

138.38 111.0 108.5 66.14 69.15

229.33 127.34 108.9 66.14 69.15

507.0 77.34 108.6 66.14 69.15

312.43 112.95 107.9 66.14 69.15

567.43 67.0 105.9 66.14 69.15

481.8 64.11 107.4 66.14 69.15

374.59 99.83 104.7 66.14 69.15

1106.23 97.06 105.0 66.14 69.15

469.13 152.69 106.3 66.14 69.15

380.82 151.26 104.5 66.14 69.15

371.66 94.64 108.85 70.45 70.27

1174.15 30.99 107.12 70.45 70.27

718.12 72.47 107.0 70.45 70.27

152.58 100.28 109.55 70.45 70.27

1534.55 53.29 104.66 70.45 70.27

906.86 85.71 105.95 70.45 70.27

681.34 72.95 105.1 70.45 70.27

534.3 39.85 103.42 70.45 70.27

482.0 74.82 106.65 70.45 70.27

142.63 304.43 108.51 64.04 68.26

163.22 166.38 108.1 64.04 68.26

166.71 96.27 110.53 64.04 68.26

105.47 357.0 108.19 64.04 68.26

78.5 267.38 108.73 64.04 68.26

44.12 718.78 110.42 64.04 68.26

92.46 273.76 108.84 64.04 68.26

139.92 237.5 103.8 66.22 70.03

335.22 133.22 103.8 66.22 70.03

314.08 274.93 104.4 66.22 70.03

68.05 99.65 104.8 66.22 70.03

211.97 109.82 105.7 66.22 70.03

267.11 72.9 105.0 66.22 70.03

241.34 69.01 106.5 66.22 70.03

259.16 127.64 106.5 66.22 70.03

296.25 76.48 105.5 66.22 70.03

2.95 454.97 109.91 64.3 63.66

94.83 84.27 111.81 64.3 63.66

226.19 64.0 115.73 64.3 63.66

70.88 211.11 109.96 64.3 63.66

204.18 40.92 106.33 64.3 63.66

164.17 120.64 107.64 64.3 63.66

160.55 36.25 108.58 64.3 63.66

58.73 409.17 108.01 64.3 63.66

57.72 327.17 108.48 64.3 63.66

34.77 215.03 110.24 64.3 63.66

29.8 943.7 114.21 64.3 63.66

data skripsi1;

set skripsi;

LOG10\_KP = LOG10(KP);

LOG10\_LD = LOG10(LD);

LOG10\_RJK = LOG10(RJK);

LOG10\_IPM = LOG10(IPM);

LOG10\_AHH = LOG10(AHH);

run;

PROC PRINT;

KPLOG=LOG10(KP);

LDLOG=LOG10(LD);

RJKLOG=LOG10(RJK);

IPMLOG=LOG10(IPM);

AHHLOG=LOG10(AHH);

RUN;

PROC PRINT;

RUN;