NAMA : TUT MAMAH AZZAHRA

NIM : 1910106053

EVALUASI PRAKTIKUM BIOSTATISTIK

(PART 2)

DOSEN PENGAMPU : SHOLAIKHAH SULISTYONINGTYAS

1. Kerjakan Soal Sesuai dengan analisi yang dibutuhkan
2. Baca dengan teliti setiap Pertanyaan yang ada
3. Kerjakan Sesuai Perintah dengan Aplikasi SPSS
4. Setelah selesai menglah data , berilah penjelasan mengenai hasil output yang diperroleh
5. **Jika hanya menampilkan output tanpa menyampaiakn hasilnya, maka mendapatkan nilai 0**

SOAL

Hasil Pre		Hasil post	
Total	Kode	Total	Kode
60	2	44	1
52	1	49	1
76	2	46	1
69	2	44	1
74	2	43	1
53	1	48	1
61	2	45	1
89	2	78	2
74	2	52	1

72	2	45	1
83	2	50	1
70	2	44	1
66	2	43	1
78	2	78	2
64	2	52	1
79	2	79	2
77	2	77	2
64	2	52	1
67	2	45	1
62	2	52	1
51	1	51	1
77	2	77	2
70	2	43	1
79	2	79	2
82	2	82	2
71	2	50	1
79	2	52	1
54	2	47	1
71	2	71	2

Kode
1 : Tidak Cemas
2.: cemas

Pertanyaan :

1. Bagaimanakah pengaruh penyuluhan terhadap kecemasan remaja dalam menghadapi masa pubertas?? Uji apakah yang tepat untuk mengetahui pengaruh atau uji beda pada kasus diatas?

2. Data diatas dinyatakan tidak berdistribusi normal maka uji apa yang digunakan untuk mengetahui adakah pengaruh dari ke2 variabel tersebut??

PERTANYAAN

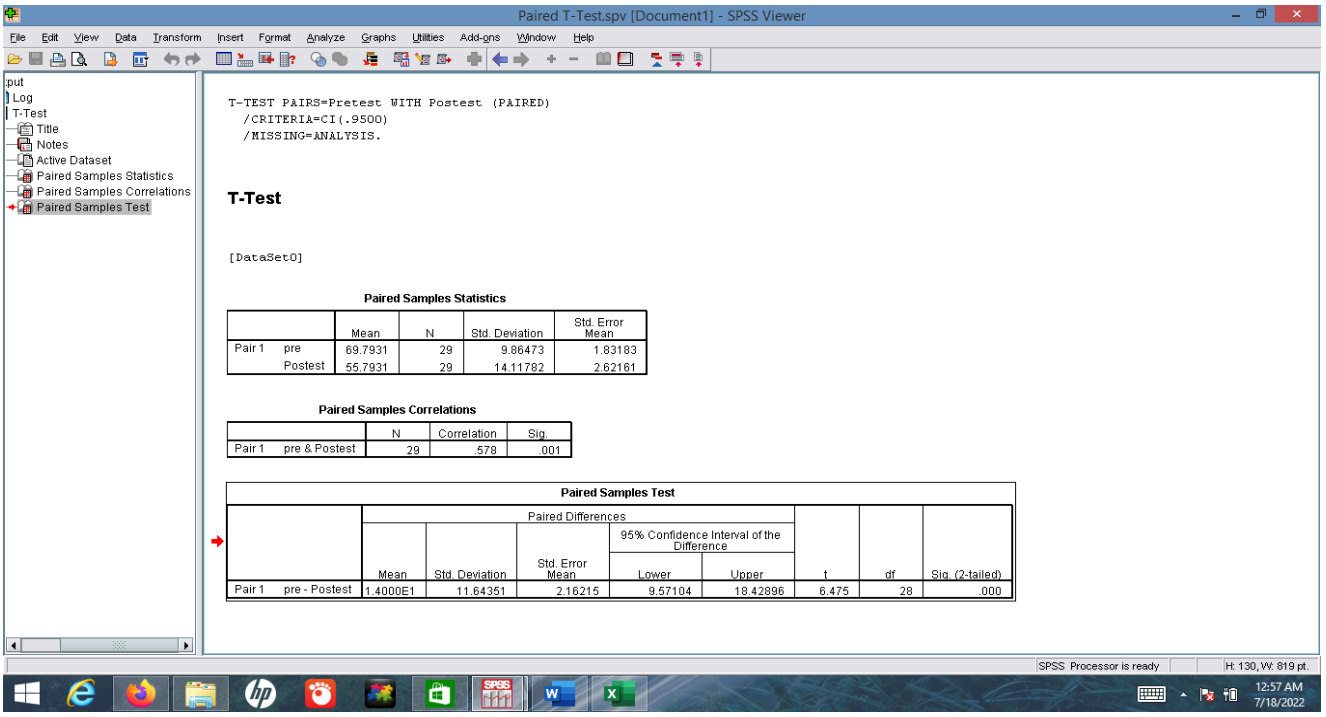
	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20	P21	P22	P23	P24	P25
R1	1	4	2	1	1	2	1	1	1	1	2	4	4	4	3	1	4	2	1	4	2	2	3	4	3
R2	1	4	4	3	3	3	1	1	1	1	4	1	1	1	1	4	1	1	2	1	4	1	1	1	1
R3	4	3	3	4	4	1	2	3	3	4	4	1	2	2	4	1	4	3	4	2	3	3	4	1	1
R4	1	1	1	4	1	2	4	4	3	3	4	1	1	2	4	1	2	4	3	4	2	4	4	3	1
R5	1	4	3	4	3	2	4	1	4	4	3	1	1	2	3	4	4	3	4	1	2	1	4	1	2
R6	4	1	1	1	1	1	1	3	2	1	1	2	3	1	4	3	2	2	2	3	3	3	2	1	1
R7	4	1	4	4	4	2	4	2	3	1	1	2	2	2	3	2	1	1	3	4	1	1	1	1	2
R8	3	4	4	4	3	3	2	3	4	4	4	4	4	3	3	4	1	4	4	4	4	4	4	2	2
R9	1	1	4	4	4	4	3	3	4	3	3	1	1	2	3	2	3	3	3	2	3	3	3	3	2
R10	1	1	4	4	4	2	1	4	3	4	4	1	1	1	3	1	3	4	4	1	3	4	4	3	2
R11	3	4	3	4	4	4	1	4	4	4	3	1	2	2	1	2	4	3	4	4	4	3	1	4	2
R12	4	3	4	4	4	2	2	4	4	4	4	1	4	2	1	3	1	1	1	1	3	2	2	2	4
R13	2	4	4	4	4	1	2	3	3	4	4	1	2	2	2	2	3	3	1	2	1	2	2	1	4
R14	2	2	4	4	4	3	4	4	3	4	4	4	4	1	4	1	4	1	1	4	4	1	1	1	4
R15	4	3	2	1	3	3	2	1	2	1	3	2	3	1	1	2	1	3	3	4	1	3	3	3	4

R16	2	4	4	4	4	2	3	2	3	3	4	2	2	2	4	1	3	4	3	2	4	3	3	3	3
R17	2	4	4	4	4	2	3	3	3	3	3	1	2	2	4	1	3	4	3	2	4	3	3	3	3
R18	2	3	4	3	3	2	1	3	2	2	2	3	2	4	2	3	2	3	2	2	2	1	3	2	2
R19	1	1	3	3	2	4	4	2	1	2	3	1	4	3	1	1	1	3	1	3	2	3	4	4	4
R20	2	1	3	3	2	4	4	2	1	2	3	1	3	3	1	1	2	3	2	3	3	1	1	2	4
R21	1	1	4	1	1	4	2	1	1	1	3	1	1	1	1	1	1	3	1	2	3	1	4	4	2
R22	1	4	4	4	4	4	1	2	3	4	3	1	4	2	2	1	2	3	2	4	4	3	4	4	3
R23	2	4	2	4	4	4	4	1	2	2	4	1	2	3	3	1	1	2	2	4	2	2	3	3	3
R24	1	4	4	4	4	3	2	4	4	4	3	4	2	1	4	4	1	1	3	2	3	3	2	3	2
R25	4	4	3	2	2	3	4	4	4	3	3	1	3	3	4	4	4	4	1	2	4	3	4	3	1
R26	2	1	2	1	2	4	4	3	3	4	4	3	4	1	1	3	4	2	1	2	4	3	4	3	1
R27	1	3	4	4	3	4	4	3	3	4	3	2	1	3	2	3	4	2	4	2	4	3	4	3	1
R28	1	2	1	4	4	2	2	2	2	3	2	1	1	1	2	1	2	2	3	1	1	1	4	4	2
R29	1	4	4	4	4	2	2	4	4	4	3	1	1	1	4	1	4	4	4	2	1	1	4	2	1
R30	2	3	4	4	4	4	4	2	2	2	2	3	3	3	2	3	4	4	4	3	2	2	2	2	3

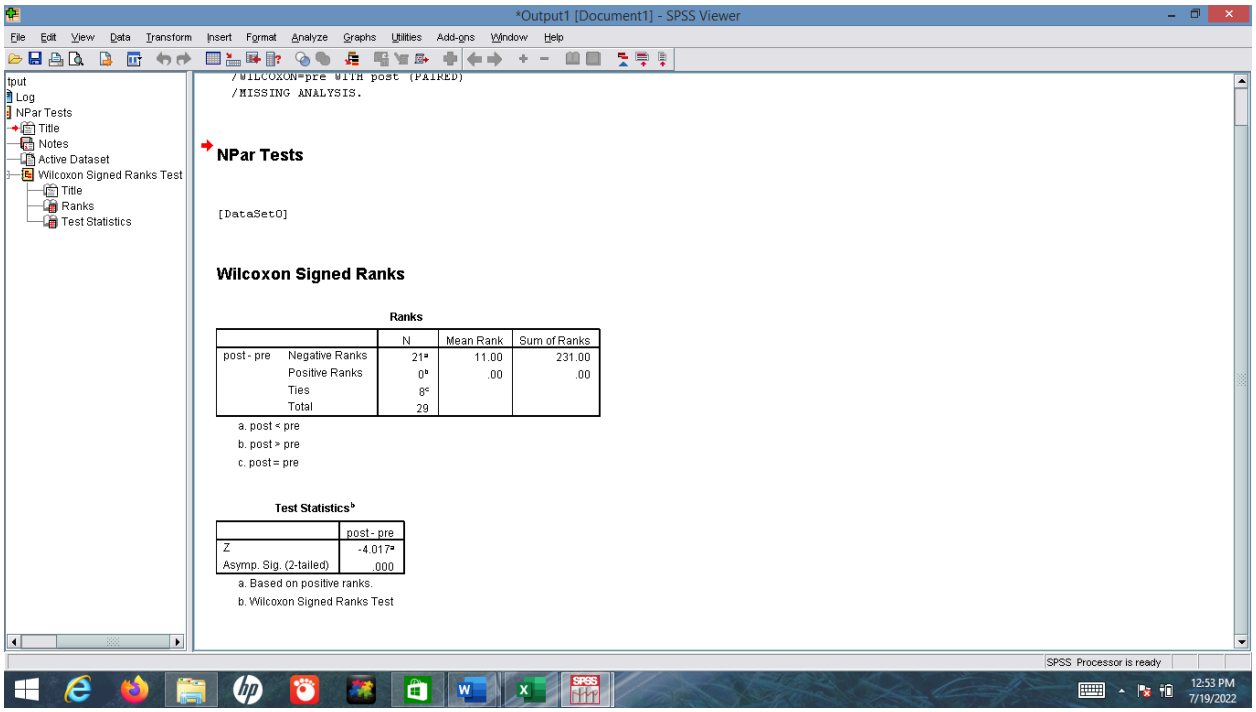
8. Lakukan Uji validitas dan Reliabilitas pada Responden di atas.

JAWABAN

1. Berdasarkan uji yang telah dilakukan dengan menggunakan uji **paired T Test** terdapat perbedaan uji beda pre dan post penyuluhan terhadap kecemasan remaja dalam menghadapi pubertas dikarenakan nilai sig yang diperoleh < 0,05 yaitu: 0,000

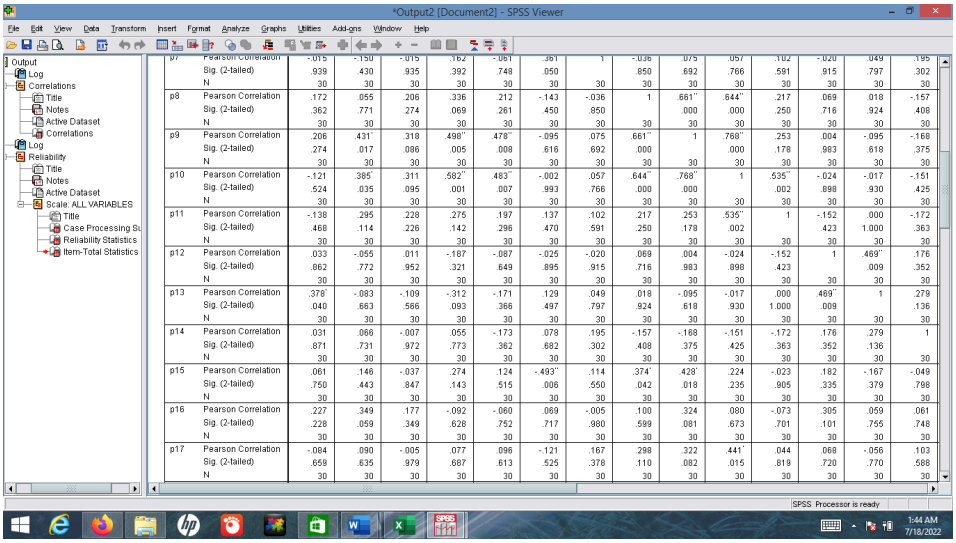


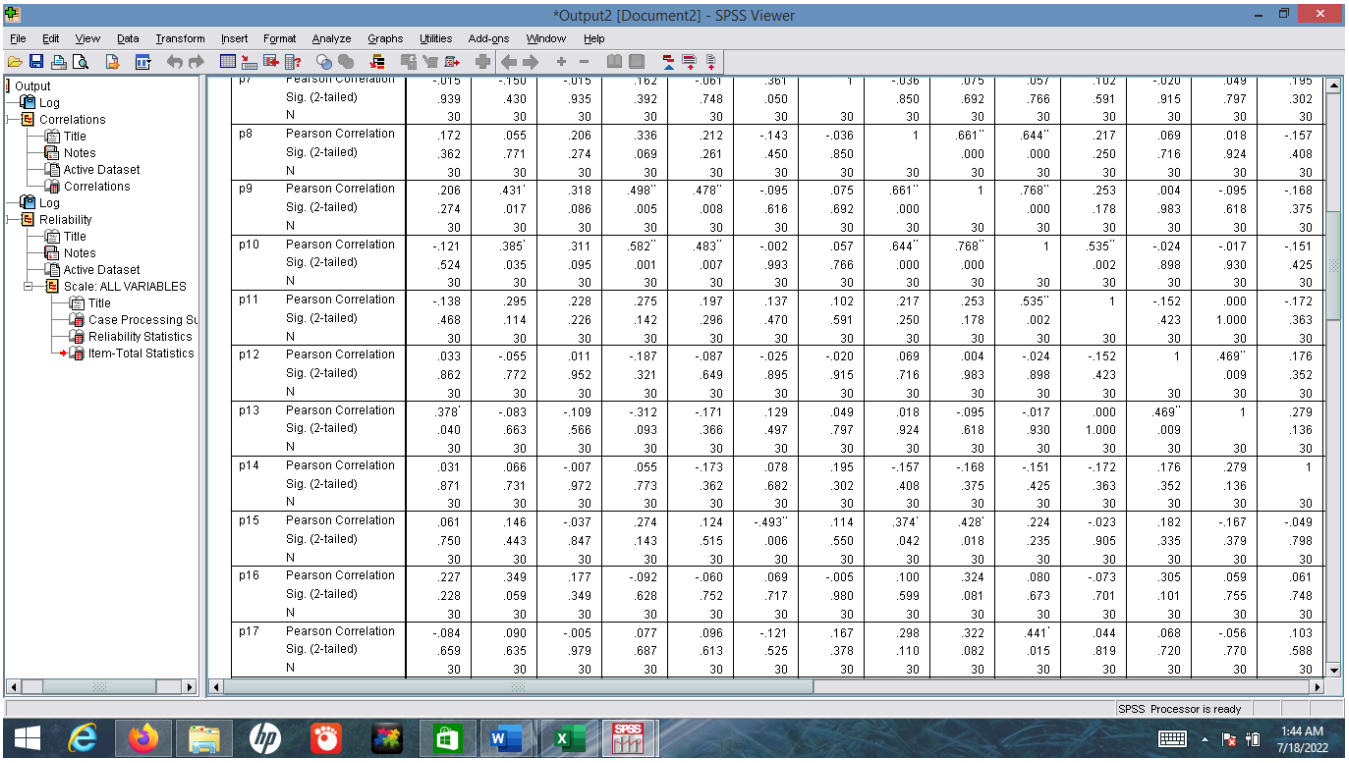
2. Jawaban menggunakan uji wilxocon, berdasarkan hasil yang didapatkan terdapat pengaruh penyuluhan terhadap kecemasan remaja dalam masa pubertas dengan nilai sig (2-tailed) 0,00

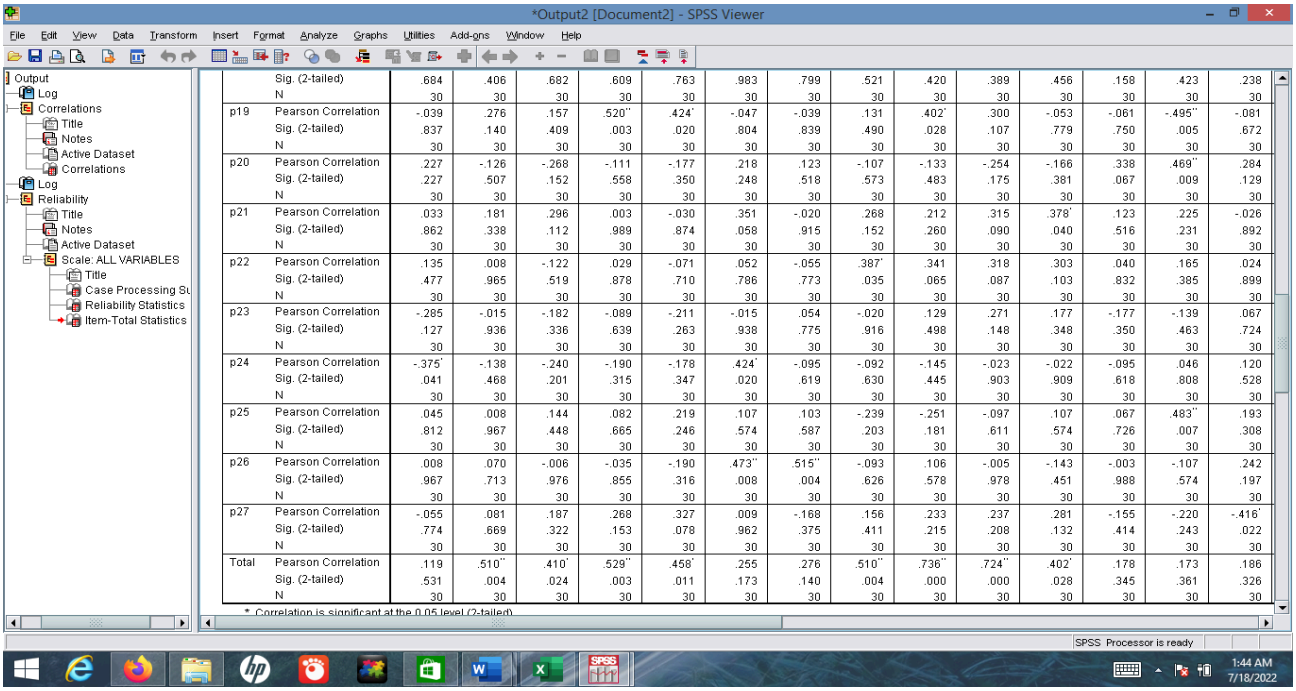


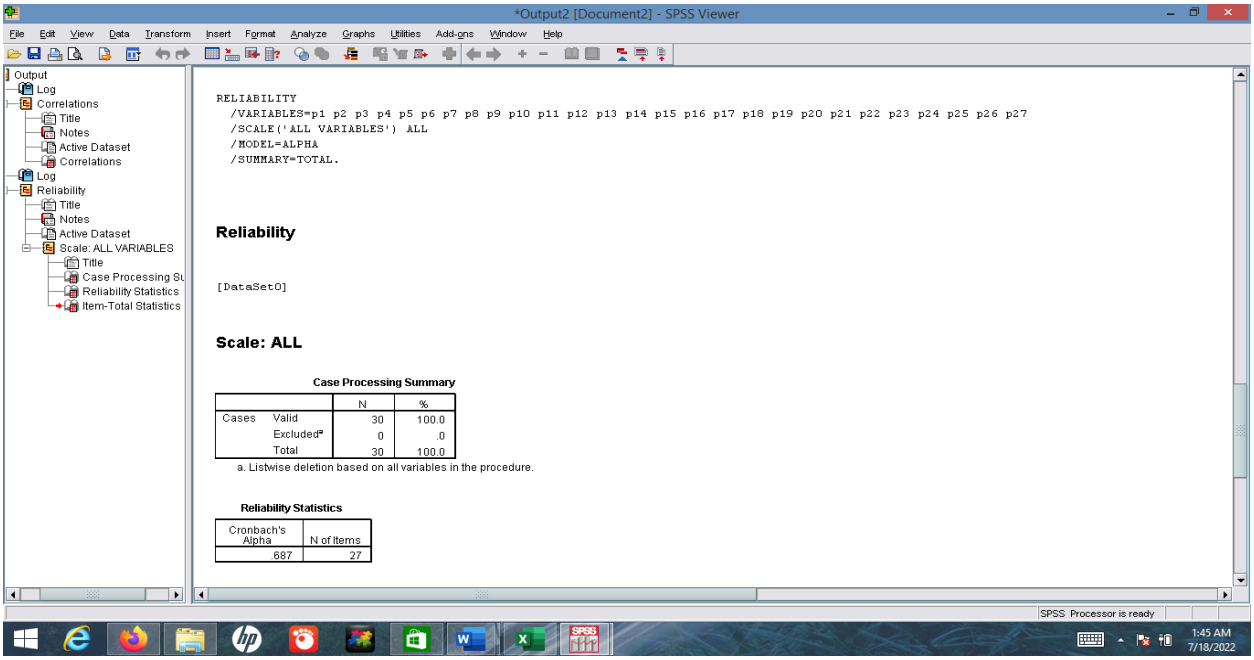
3. Berdasarkan hasil dari uji validitas dan reabilitas didapatkan hasil:
   - Valid: 13
   - Tidak valid : 14

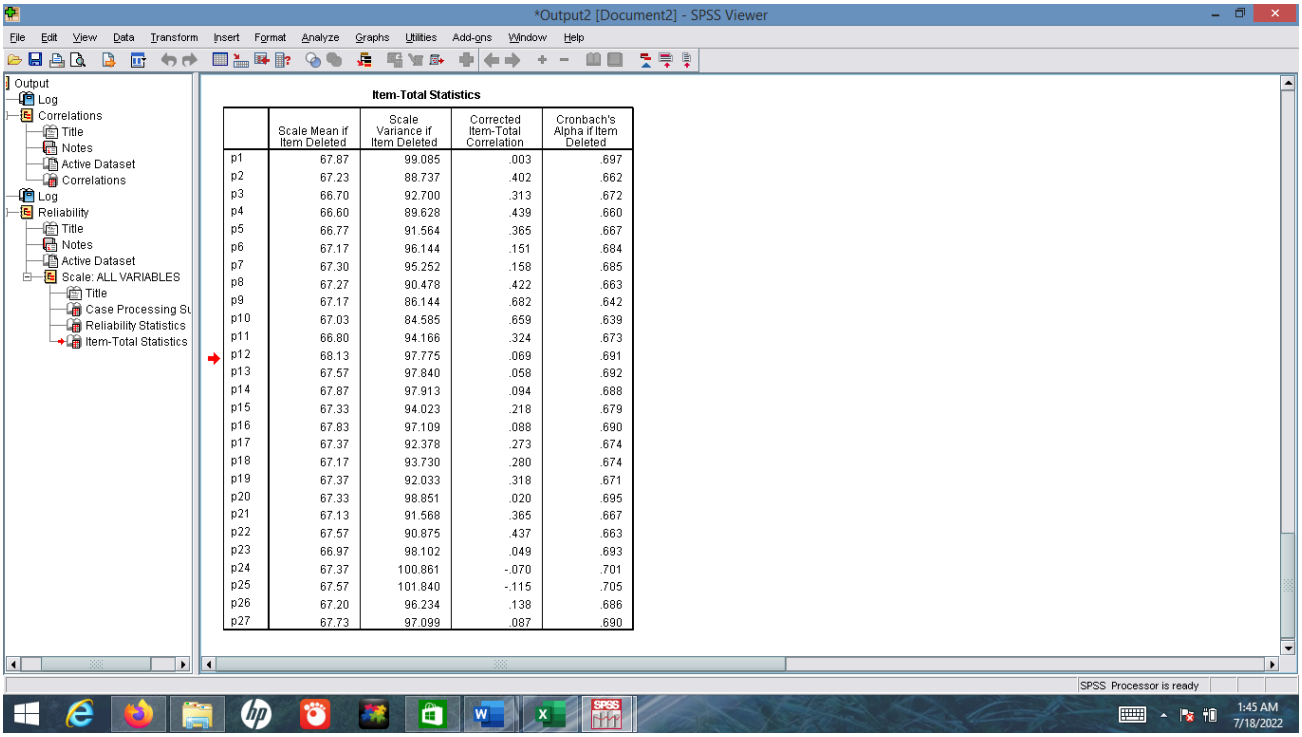
   Berdasarkan hasil dari uji reabilitas nya didapatkan hasil <0,70 Maka data di atas tidak reabilitas




*Output2 [Document2] - SPSS Viewer
File Edit View Data Transform Insert Format Analyze Graphs Utilities Add-ons Window Help
Output
Log
Correlations
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Case Processing Su
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Item-Total Statistics
p7 Pearson Correlation -.015 -.150 -.015 .162 -.061 .361 1 -.036 .075 .057 .102 -.020 .049 .195
Sig. (2-tailed) .939 .430 .935 .392 .748 .050 .850 .692 .766 .591 .915 .797 .302
N 30 30 30 30 30 30 30 30 30 30 30 30 30 30
p8 Pearson Correlation .172 .055 .206 .336 .212 -.143 -.036 1 .661** .644** .217 .069 .018 -.157
Sig. (2-tailed) .362 .771 .274 .069 .261 .450 .850 .000 .000 .250 .716 .924 .408
N 30 30 30 30 30 30 30 30 30 30 30 30 30 30
p9 Pearson Correlation .206 .431* .318 .498** .478** -.095 .075 .661** 1 .768** .253 .004 -.095 -.168
Sig. (2-tailed) .274 .017 .086 .005 .008 .616 .692 .000 .000 .178 .983 .618 .375
N 30 30 30 30 30 30 30 30 30 30 30 30 30 30
p10 Pearson Correlation -.121 .385* .311 .582** .483** -.002 .057 .644** .768** 1 .535** -.024 -.017 -.151
Sig. (2-tailed) .524 .035 .095 .001 .007 .993 .766 .000 .000 .002 .898 .930 .425
N 30 30 30 30 30 30 30 30 30 30 30 30 30 30
p11 Pearson Correlation -.138 .295 .228 .275 .197 .137 .102 .217 .253 .535** 1 -.152 .000 -.172
Sig. (2-tailed) .468 .114 .226 .142 .296 .470 .591 .250 .178 .002 .423 1.000 .363
N 30 30 30 30 30 30 30 30 30 30 30 30 30 30
p12 Pearson Correlation .033 -.055 .011 -.187 -.087 -.025 -.020 .069 .004 -.024 -.152 1 .469** .176
Sig. (2-tailed) .862 .772 .952 .321 .649 .895 .915 .716 .983 .898 .423 .009 .352
N 30 30 30 30 30 30 30 30 30 30 30 30 30 30
p13 Pearson Correlation .378* -.083 -.109 -.312 -.171 .129 .049 .018 -.095 -.017 .000 .469** 1 .279
Sig. (2-tailed) .040 .663 .566 .093 .366 .497 .797 .924 .618 .930 1.000 .009 .136
N 30 30 30 30 30 30 30 30 30 30 30 30 30 30
p14 Pearson Correlation .031 .066 -.007 .055 -.173 .078 .195 -.157 -.168 -.151 -.172 .176 .279 1
Sig. (2-tailed) .871 .731 .972 .773 .362 .682 .302 .408 .375 .425 .363 .352 .136
N 30 30 30 30 30 30 30 30 30 30 30 30 30 30
p15 Pearson Correlation .061 .146 -.037 .274 .124 -.493** .114 .374* .428* .224 -.023 .182 -.167 -.049
Sig. (2-tailed) .750 .443 .847 .143 .515 .006 .550 .042 .018 .235 .905 .335 .379 .798
N 30 30 30 30 30 30 30 30 30 30 30 30 30 30
p16 Pearson Correlation .227 .349 .177 -.092 -.060 .069 -.005 .100 .324 .080 -.073 .305 .059 .061
Sig. (2-tailed) .228 .059 .349 .628 .752 .717 .980 .599 .081 .673 .701 .101 .755 .748
N 30 30 30 30 30 30 30 30 30 30 30 30 30 30
p17 Pearson Correlation -.084 .090 -.005 .077 .096 -.121 .167 .298 .322 .441* .044 .068 -.056 .103
Sig. (2-tailed) .659 .635 .979 .687 .613 .525 .378 .110 .082 .015 .819 .720 .770 .588
N 30 30 30 30 30 30 30 30 30 30 30 30 30 30
SPSS Processor is ready
1:44 AM
7/18/2022


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File Edit View Data Transform Insert Format Analyze Graphs Utilities Add-ons Window Help
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Reliability
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Active Dataset
Scale: ALL VARIABLES
Title
Case Processing Su
Reliability Statistics
Item-Total Statistics
Sig. (2-tailed) .684 .406 .682 .609 .763 .983 .799 .521 .420 .389 .456 .158 .423 .238
N 30 30 30 30 30 30 30 30 30 30 30 30 30 30
p19 Pearson Correlation -.039 .276 .157 .520** .424* -.047 -.039 .131 .402* .300 -.053 -.061 -.495** -.081
Sig. (2-tailed) .837 .140 .409 .003 .020 .804 .839 .490 .028 .107 .779 .750 .005 .672
N 30 30 30 30 30 30 30 30 30 30 30 30 30 30
p20 Pearson Correlation .227 -.126 -.268 -.111 -.177 .218 .123 -.107 -.133 -.254 -.166 .338 .469** .284
Sig. (2-tailed) .227 .507 .152 .558 .350 .248 .518 .573 .483 .175 .381 .067 .009 .129
N 30 30 30 30 30 30 30 30 30 30 30 30 30 30
p21 Pearson Correlation .033 .181 .296 .003 -.030 .351 -.020 .268 .212 .315 .378* .123 .225 -.026
Sig. (2-tailed) .862 .338 .112 .989 .874 .058 .915 .152 .260 .090 .040 .516 .231 .892
N 30 30 30 30 30 30 30 30 30 30 30 30 30 30
p22 Pearson Correlation .135 .008 -.122 .029 -.071 .052 -.055 .387* .341 .318 .303 .040 .165 .024
Sig. (2-tailed) .477 .965 .519 .878 .710 .786 .773 .035 .065 .087 .103 .832 .385 .899
N 30 30 30 30 30 30 30 30 30 30 30 30 30 30
p23 Pearson Correlation -.285 -.015 -.182 -.089 -.211 -.015 .054 -.020 .129 .271 .177 -.177 -.139 .067
Sig. (2-tailed) .127 .936 .336 .639 .263 .938 .775 .916 .498 .148 .348 .350 .463 .724
N 30 30 30 30 30 30 30 30 30 30 30 30 30 30
p24 Pearson Correlation -.375* -.138 -.240 -.190 -.178 .424* -.095 -.092 -.145 -.023 -.022 -.095 .046 .120
Sig. (2-tailed) .041 .468 .201 .315 .347 .020 .619 .630 .445 .903 .909 .618 .808 .528
N 30 30 30 30 30 30 30 30 30 30 30 30 30 30
p25 Pearson Correlation .045 .008 .144 .082 .219 .107 .103 -.239 -.251 -.097 .107 .067 .483** .193
Sig. (2-tailed) .812 .967 .448 .665 .246 .574 .587 .203 .181 .611 .574 .726 .007 .308
N 30 30 30 30 30 30 30 30 30 30 30 30 30 30
p26 Pearson Correlation .008 .070 -.006 -.035 -.190 .473** .515** -.093 .106 -.005 -.143 -.003 -.107 .242
Sig. (2-tailed) .967 .713 .976 .855 .316 .008 .004 .626 .579 .978 .451 .988 .574 .197
N 30 30 30 30 30 30 30 30 30 30 30 30 30 30
p27 Pearson Correlation -.055 .081 .187 .268 .327 .009 -.168 .156 .233 .237 .281 -.155 -.220 -.416*
Sig. (2-tailed) .774 .669 .322 .153 .078 .962 .375 .411 .215 .208 .132 .414 .243 .022
N 30 30 30 30 30 30 30 30 30 30 30 30 30 30
Total Pearson Correlation .119 .510** .410* .529** .458* .255 .276 .510** .736** .724** .402* .178 .173 .186
Sig. (2-tailed) .531 .004 .024 .003 .011 .173 .140 .004 .000 .000 .028 .345 .361 .326
N 30 30 30 30 30 30 30 30 30 30 30 30 30 30
* Correlation is significant at the 0.05 level (2-tailed).
SPSS Processor is ready
1:44 AM
7/18/2022


*Output2 [Document2] - SPSS Viewer
File Edit View Data Transform Insert Format Analyze Graphs Utilities Add-ons Window Help
Output
Log
Correlations
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Correlations
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Reliability
Title
Notes
Active Dataset
Scale: ALL VARIABLES
Title
Case Processing Su
Reliability Statistics
Item-Total Statistics
RELIABILITY
/VARIABLES=p1 p2 p3 p4 p5 p6 p7 p8 p9 p10 p11 p12 p13 p14 p15 p16 p17 p18 p19 p20 p21 p22 p23 p24 p25 p26 p27
/SCALE('ALL VARIABLES') ALL
/MODEL=ALPHA
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Case Processing Summary
N %
Cases Valid 30 100.0
Excluded[a] 0 .0
Total 30 100.0
a. Listwise deletion based on all variables in the procedure.
Reliability Statistics
Cronbach's Alpha N of Items
.687 27
SPSS Processor is ready
1:45 AM
7/18/2022


*Output2 [Document2] - SPSS Viewer
File Edit View Data Transform Insert Format Analyze Graphs Utilities Add-ons Window Help
Output
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Correlations
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Active Dataset
Correlations
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Reliability
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Active Dataset
Scale: ALL VARIABLES
Title
Case Processing Su
Reliability Statistics
Item-Total Statistics
Item-Total Statistics
Scale Mean if Item Deleted
Scale Variance if Item Deleted
Corrected Item-Total Correlation
Cronbach's Alpha if Item Deleted
p1 67.87 99.085 .003 .697
p2 67.23 88.737 .402 .662
p3 66.70 92.700 .313 .672
p4 66.60 89.628 .439 .660
p5 66.77 91.564 .365 .667
p6 67.17 96.144 .151 .684
p7 67.30 95.252 .158 .685
p8 67.27 90.478 .422 .663
p9 67.17 86.144 .682 .642
p10 67.03 84.585 .659 .639
p11 66.80 94.166 .324 .673
p12 68.13 97.775 .069 .691
p13 67.57 97.840 .058 .692
p14 67.87 97.913 .094 .688
p15 67.33 94.023 .218 .679
p16 67.83 97.109 .088 .690
p17 67.37 92.378 .273 .674
p18 67.17 93.730 .280 .674
p19 67.37 92.033 .318 .671
p20 67.33 98.851 .020 .695
p21 67.13 91.568 .365 .667
p22 67.57 90.875 .437 .663
p23 66.97 98.102 .049 .693
p24 67.37 100.861 -.070 .701
p25 67.57 101.840 -.115 .705
p26 67.20 96.234 .138 .686
p27 67.73 97.099 .087 .690
SPSS Processor is ready
1:45 AM
7/18/2022