```
 >Warning # 853 in column 23.  Text: pt_PT
>The LOCALE subcommand of the SET command specifies a locale
>for which collation and translation are not available.
NEW FILE.
DATASET NAME DataSet1 WINDOW=FRONT.
NPAR TESTS
  /FRIEDMAN=age20 age20_29 age30_39 age40_49 age50_59 age60
  /STATISTICS DESCRIPTIVES
  /MISSING LISTWISE.
```

NPar Tests

Notes

Output Created		**04-OCT-2016 01:05:35**
Comments		
Input	**Active Dataset**	**DataSet1**
	Filter	**<none>**
	Weight	**<none>**
	Split File	**<none>**
	N of Rows in Working Data File	**77**
Missing Value Handling	**Definition of Missing**	**User-defined missing values are treated as missing.**
	Cases Used	**Statistics for all tests are based on cases with no missing data for any variables used.**
Syntax		**NPAR TESTS /FRIEDMAN=age20 age20_29 age30_39 age40_49 age50_59 age60 /STATISTICS DESCRIPTIVES /MISSING LISTWISE.**
Resources	**Processor Time**	**00:00:00,02**
	Elapsed Time	**00:00:00,00**
	Number of Cases Allowed[a]	**71493**

a. Based on availability of workspace memory.

```
[DataSet1]
```

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
age20	5	.02600	.032863	.000	.080
age20_29	5	.02600	.041593	.000	.100
age30_39	5	.08800	.069785	.010	.170
age40_49	5	.05200	.037683	.010	.110
age50_59	5	.05200	.046583	.000	.120
age60	5	.06200	.038987	.010	.090

Friedman Test

Ranks

	Mean Rank
age20	2,20
age20_29	2,60
age30_39	5,10
age40_49	3,80
age50_59	3,30
age60	4,00

Test Statistics[a]

N	5
Chi-Square	8,047
df	5
Asymp. Sig.	,154

a. Friedman Test

```
NPAR TESTS
  /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29
age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 a
ge40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age6
0 age50_59 age60 age60 (PAIRED)
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS.
```

NPar Tests

Notes

Output Created		04-OCT-2016 01:07:16
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	77
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 /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29 age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 age40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age60 age50_59 age60 age60 (PAIRED) /STATISTICS DESCRIPTIVES /MISSING ANALYSIS.
Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,00
	Number of Cases Allowed[a]	71493

a. Based on availability of workspace memory.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
age20	15	.02867	.031593	.000	.120
age20_29	77	.04299	.057470	.000	.310
age30_39	15	.07133	.086756	.000	.320
age40_49	10	.07200	.062147	.010	.210
age50_59	7	.08714	.105469	.000	.310
age60	5	.06200	.038987	.010	.090

Wilcoxon Signed Ranks Test (6 - HSV)

Ranks

		N	Mean Rank	Sum of Ranks
age20_29 - age20	Negative Ranks	7[a]	6,50	45,50
	Positive Ranks	7[b]	8,50	59,50
	Ties	1[c]		
	Total	15		
age30_39 - age20	Negative Ranks	3[d]	6,00	18,00
	Positive Ranks	10[e]	7,30	73,00
	Ties	2[f]		
	Total	15		
age40_49 - age20	Negative Ranks	1[g]	5,00	5,00
	Positive Ranks	9[h]	5,56	50,00
	Ties	0[i]		
	Total	10		
age50_59 - age20	Negative Ranks	2[j]	2,75	5,50
	Positive Ranks	5[k]	4,50	22,50
	Ties	0[l]		
	Total	7		
age60 - age20	Negative Ranks	1[m]	2,00	2,00
	Positive Ranks	4[n]	3,25	13,00
	Ties	0[o]		
	Total	5		
age30_39 - age20_29	Negative Ranks	6[p]	7,08	42,50
	Positive Ranks	8[q]	7,81	62,50
	Ties	1[r]		
	Total	15		
age40_49 - age20_29	Negative Ranks	2[s]	6,75	13,50
	Positive Ranks	7[t]	4,50	31,50
	Ties	1[u]		
	Total	10		
age50_59 - age20_29	Negative Ranks	2[v]	3,50	7,00
	Positive Ranks	4[w]	3,50	14,00
	Ties	1[x]		
	Total	7		
age60 - age20_29	Negative Ranks	1[y]	1,00	1,00
	Positive Ranks	3[z]	3,00	9,00
	Ties	1[aa]		
	Total	5		
age40_49 - age30_39	Negative Ranks	5[ab]	5,70	28,50
	Positive Ranks	5[ac]	5,30	26,50
	Ties	0[ad]		
	Total	10		

Ranks

		N	Mean Rank	Sum of Ranks
age50_59 - age30_39	Negative Ranks	3[ae]	4,83	14,50
	Positive Ranks	4[af]	3,38	13,50
	Ties	0[ag]		
	Total	7		
age60 - age30_39	Negative Ranks	4[ah]	2,88	11,50
	Positive Ranks	1[ai]	3,50	3,50
	Ties	0[aj]		
	Total	5		
age50_59 - age40_49	Negative Ranks	3[ak]	3,50	10,50
	Positive Ranks	4[al]	4,38	17,50
	Ties	0[am]		
	Total	7		
age60 - age40_49	Negative Ranks	2[an]	1,50	3,00
	Positive Ranks	2[ao]	3,50	7,00
	Ties	1[ap]		
	Total	5		
age60 - age50_59	Negative Ranks	1[aq]	5,00	5,00
	Positive Ranks	4[ar]	2,50	10,00
	Ties	0[as]		
	Total	5		

a. age20_29 < age20

b. age20_29 > age20

c. age20_29 = age20

d. age30_39 < age20

e. age30_39 > age20

f. age30_39 = age20

g. age40_49 < age20

h. age40_49 > age20

i. age40_49 = age20

j. age50_59 < age20

k. age50_59 > age20

l. age50_59 = age20

m. age60 < age20

n. age60 > age20

o. age60 = age20

p. age30_39 < age20_29

q. age30_39 > age20_29

r. age30_39 = age20_29

s. age40_49 < age20_29
t. age40_49 > age20_29
u. age40_49 = age20_29
v. age50_59 < age20_29
w. age50_59 > age20_29
x. age50_59 = age20_29
y. age60 < age20_29
z. age60 > age20_29
aa. age60 = age20_29
ab. age40_49 < age30_39
ac. age40_49 > age30_39
ad. age40_49 = age30_39
ae. age50_59 < age30_39
af. age50_59 > age30_39
ag. age50_59 = age30_39
ah. age60 < age30_39
ai. age60 > age30_39
aj. age60 = age30_39
ak. age50_59 < age40_49
al. age50_59 > age40_49
am. age50_59 = age40_49
an. age60 < age40_49
ao. age60 > age40_49
ap. age60 = age40_49
aq. age60 < age50_59
ar. age60 > age50_59
as. age60 = age50_59

Test Statistics[a]

	age20_29 - age20	age30_39 - age20	age40_49 - age20	age50_59 - age20	age60 - age20
Z	-,441[b]	-1,931[b]	-2,305[b]	-1,439[b]	-1,483[b]
Asymp. Sig. (2-tailed)	,659	,054	,021	,150	,138

Test Statistics[a]

	age30_39 - age20_29	age40_49 - age20_29	age50_59 - age20_29	age60 - age20_29	age40_49 - age30_39
Z	-,628[b]	-1,067[b]	-,734[b]	-1,461[b]	-,102[c]
Asymp. Sig. (2-tailed)	,530	,286	,463	,144	,918

Test Statistics[a]

	age50_59 - age30_39	age60 - age30_39	age50_59 - age40_49	age60 - age40_49	age60 - age50_59
Z	-,085[c]	-1,084[c]	-,593[b]	-,736[b]	-,674[b]
Asymp. Sig. (2-tailed)	,932	,279	,553	,461	,500

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.

c. Based on positive ranks.

```
NPAR TESTS
  /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29
age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 a
ge40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age6
0 age50_59 age60 age60 (PAIRED)
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS.
```

NPar Tests

Notes

Output Created		04-OCT-2016 01:13:44
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	85
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.

Notes

Syntax		NPAR TESTS /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29 age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 age40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age60 age50_59 age60 age60 (PAIRED) /STATISTICS DESCRIPTIVES /MISSING ANALYSIS.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed[a]	71493

a. Based on availability of workspace memory.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
age20	19	.16526	.075525	.050	.360
age20_29	85	.16294	.107524	.000	.420
age30_39	13	.12462	.088092	.020	.370
age40_49	10	.19300	.130983	.040	.380
age50_59	8	.12875	.170666	.000	.420
age60	6	.15833	.121888	.010	.380

Wilcoxon Signed Ranks Test (7 - RGB)

Ranks

		N	Mean Rank	Sum of Ranks
age20_29 - age20	Negative Ranks	10[a]	10,05	100,50
	Positive Ranks	8[b]	8,81	70,50
	Ties	1[c]		
	Total	19		
age30_39 - age20	Negative Ranks	9[d]	7,11	64,00
	Positive Ranks	4[e]	6,75	27,00
	Ties	0[f]		
	Total	13		
age40_49 - age20	Negative Ranks	4[g]	2,50	10,00
	Positive Ranks	3[h]	6,00	18,00
	Ties	3[i]		
	Total	10		
age50_59 - age20	Negative Ranks	6[j]	3,50	21,00
	Positive Ranks	2[k]	7,50	15,00
	Ties	0[l]		
	Total	8		
age60 - age20	Negative Ranks	3[m]	2,83	8,50
	Positive Ranks	2[n]	3,25	6,50
	Ties	1[o]		
	Total	6		
age30_39 - age20_29	Negative Ranks	4[p]	6,75	27,00
	Positive Ranks	6[q]	4,67	28,00
	Ties	3[r]		
	Total	13		
age40_49 - age20_29	Negative Ranks	3[s]	3,00	9,00
	Positive Ranks	6[t]	6,00	36,00
	Ties	1[u]		
	Total	10		
age50_59 - age20_29	Negative Ranks	5[v]	4,00	20,00
	Positive Ranks	3[w]	5,33	16,00
	Ties	0[x]		
	Total	8		
age60 - age20_29	Negative Ranks	4[y]	2,75	11,00
	Positive Ranks	2[z]	5,00	10,00
	Ties	0[aa]		
	Total	6		
age40_49 - age30_39	Negative Ranks	3[ab]	4,83	14,50
	Positive Ranks	7[ac]	5,79	40,50
	Ties	0[ad]		
	Total	10		
age50_59 - age30_39	Negative Ranks	5[ae]	4,00	20,00
	Positive Ranks	3[af]	5,33	16,00

Ranks

		N	Mean Rank	Sum of Ranks
	Ties	0[ag]		
	Total	8		
age60 - age30_39	Negative Ranks	4[ah]	3,25	13,00
	Positive Ranks	2[ai]	4,00	8,00
	Ties	0[aj]		
	Total	6		
age50_59 - age40_49	Negative Ranks	6[ak]	4,33	26,00
	Positive Ranks	1[al]	2,00	2,00
	Ties	1[am]		
	Total	8		
age60 - age40_49	Negative Ranks	3[an]	3,83	11,50
	Positive Ranks	3[ao]	3,17	9,50
	Ties	0[ap]		
	Total	6		
age60 - age50_59	Negative Ranks	2[aq]	5,00	10,00
	Positive Ranks	4[ar]	2,75	11,00
	Ties	0[as]		
	Total	6		

a. age20_29 < age20
b. age20_29 > age20
c. age20_29 = age20
d. age30_39 < age20
e. age30_39 > age20
f. age30_39 = age20
g. age40_49 < age20
h. age40_49 > age20
i. age40_49 = age20
j. age50_59 < age20
k. age50_59 > age20
l. age50_59 = age20
m. age60 < age20
n. age60 > age20
o. age60 = age20
p. age30_39 < age20_29
q. age30_39 > age20_29
r. age30_39 = age20_29
s. age40_49 < age20_29
t. age40_49 > age20_29
u. age40_49 = age20_29
v. age50_59 < age20_29
w. age50_59 > age20_29
x. age50_59 = age20_29

y. age60 < age20_29
z. age60 > age20_29
aa. age60 = age20_29
ab. age40_49 < age30_39
ac. age40_49 > age30_39
ad. age40_49 = age30_39
ae. age50_59 < age30_39
af. age50_59 > age30_39
ag. age50_59 = age30_39
ah. age60 < age30_39
ai. age60 > age30_39
aj. age60 = age30_39
ak. age50_59 < age40_49
al. age50_59 > age40_49
am. age50_59 = age40_49
an. age60 < age40_49
ao. age60 > age40_49
ap. age60 = age40_49
aq. age60 < age50_59
ar. age60 > age50_59
as. age60 = age50_59

Test Statistics[a]

	age20_29 - age20	age30_39 - age20	age40_49 - age20	age50_59 - age20	age60 - age20
Z	-,654[b]	-1,295[b]	-,676[c]	-,421[b]	-,271[b]
Asymp. Sig. (2-tailed)	,513	,195	,499	,674	,786

Test Statistics[a]

	age30_39 - age20_29	age40_49 - age20_29	age50_59 - age20_29	age60 - age20_29	age40_49 - age30_39
Z	-,051[c]	-1,605[c]	-,280[b]	-,105[b]	-1,326[c]
Asymp. Sig. (2-tailed)	,959	,108	,779	,916	,185

Test Statistics[a]

	age50_59 - age30_39	age60 - age30_39	age50_59 - age40_49	age60 - age40_49	age60 - age50_59
Z	-,280[b]	-,524[b]	-2,032[b]	-,210[b]	-,105[c]
Asymp. Sig. (2-tailed)	,779	,600	,042	,833	,917

a. Wilcoxon Signed Ranks Test

b. Based on positive ranks.

c. Based on negative ranks.

```
NPAR TESTS
  /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29
age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 a
ge40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age6
0 age50_59 age60 age60 (PAIRED)
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS.
```

NPar Tests

Notes

Output Created		04-OCT-2016 01:19:33
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	85
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 /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29 age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 age40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age60 age50_59 age60 age60 (PAIRED) /STATISTICS DESCRIPTIVES /MISSING ANALYSIS.

Notes

Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed[a]	71493

a. Based on availability of workspace memory.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
age20	19	.21526	.054198	.110	.260
age20_29	85	.19588	.076178	.030	.330
age30_39	13	.17385	.059517	.080	.260
age40_49	10	.19800	.080802	.100	.290
age50_59	8	.11750	.123259	.010	.330
age60	6	.15000	.091869	.040	.280

Wilcoxon Signed Ranks Test (7 - Lab)

Ranks

		N	Mean Rank	Sum of Ranks
age20_29 - age20	Negative Ranks	9[a]	11,50	103,50
	Positive Ranks	8[b]	6,19	49,50
	Ties	2[c]		
	Total	19		
age30_39 - age20	Negative Ranks	8[d]	6,13	49,00
	Positive Ranks	3[e]	5,67	17,00
	Ties	2[f]		
	Total	13		
age40_49 - age20	Negative Ranks	5[g]	5,00	25,00
	Positive Ranks	4[h]	5,00	20,00
	Ties	1[i]		
	Total	10		
age50_59 - age20	Negative Ranks	6[j]	4,33	26,00
	Positive Ranks	2[k]	5,00	10,00
	Ties	0[l]		
	Total	8		
age60 - age20	Negative Ranks	5[m]	3,20	16,00
	Positive Ranks	1[n]	5,00	5,00
	Ties	0[o]		
	Total	6		
age30_39 - age20_29	Negative Ranks	6[p]	6,83	41,00
	Positive Ranks	6[q]	6,17	37,00

Ranks

		N	Mean Rank	Sum of Ranks
	Ties	1[r]		
	Total	13		
age40_49 - age20_29	Negative Ranks	4[s]	5,75	23,00
	Positive Ranks	6[t]	5,33	32,00
	Ties	0[u]		
	Total	10		
age50_59 - age20_29	Negative Ranks	5[v]	5,40	27,00
	Positive Ranks	3[w]	3,00	9,00
	Ties	0[x]		
	Total	8		
age60 - age20_29	Negative Ranks	4[y]	3,50	14,00
	Positive Ranks	2[z]	3,50	7,00
	Ties	0[aa]		
	Total	6		
age40_49 - age30_39	Negative Ranks	4[ab]	4,63	18,50
	Positive Ranks	6[ac]	6,08	36,50
	Ties	0[ad]		
	Total	10		
age50_59 - age30_39	Negative Ranks	5[ae]	5,40	27,00
	Positive Ranks	3[af]	3,00	9,00
	Ties	0[ag]		
	Total	8		
age60 - age30_39	Negative Ranks	4[ah]	3,50	14,00
	Positive Ranks	2[ai]	3,50	7,00
	Ties	0[aj]		
	Total	6		
age50_59 - age40_49	Negative Ranks	6[ak]	4,33	26,00
	Positive Ranks	1[al]	2,00	2,00
	Ties	1[am]		
	Total	8		
age60 - age40_49	Negative Ranks	4[an]	3,50	14,00
	Positive Ranks	2[ao]	3,50	7,00
	Ties	0[ap]		
	Total	6		
age60 - age50_59	Negative Ranks	2[aq]	4,50	9,00
	Positive Ranks	4[ar]	3,00	12,00
	Ties	0[as]		
	Total	6		

a. age20_29 < age20
b. age20_29 > age20
c. age20_29 = age20
d. age30_39 < age20
e. age30_39 > age20
f. age30_39 = age20
g. age40_49 < age20
h. age40_49 > age20
i. age40_49 = age20
j. age50_59 < age20
k. age50_59 > age20
l. age50_59 = age20
m. age60 < age20
n. age60 > age20
o. age60 = age20
p. age30_39 < age20_29
q. age30_39 > age20_29
r. age30_39 = age20_29
s. age40_49 < age20_29
t. age40_49 > age20_29
u. age40_49 = age20_29
v. age50_59 < age20_29
w. age50_59 > age20_29
x. age50_59 = age20_29
y. age60 < age20_29
z. age60 > age20_29
aa. age60 = age20_29
ab. age40_49 < age30_39
ac. age40_49 > age30_39
ad. age40_49 = age30_39
ae. age50_59 < age30_39
af. age50_59 > age30_39
ag. age50_59 = age30_39
ah. age60 < age30_39
ai. age60 > age30_39
aj. age60 = age30_39

ak. age50_59 < age40_49

al. age50_59 > age40_49

am. age50_59 = age40_49

an. age60 < age40_49

ao. age60 > age40_49

ap. age60 = age40_49

aq. age60 < age50_59

ar. age60 > age50_59

as. age60 = age50_59

Test Statistics[a]

	age20_29 - age20	age30_39 - age20	age40_49 - age20	age50_59 - age20	age60 - age20
Z	-1,280[b]	-1,425[b]	-,297[b]	-1,127[b]	-1,153[b]
Asymp. Sig. (2-tailed)	,201	,154	,767	,260	,249

Test Statistics[a]

	age30_39 - age20_29	age40_49 - age20_29	age50_59 - age20_29	age60 - age20_29	age40_49 - age30_39
Z	-,157[b]	-,463[c]	-1,262[b]	-,734[b]	-,918[c]
Asymp. Sig. (2-tailed)	,875	,643	,207	,463	,359

Test Statistics[a]

	age50_59 - age30_39	age60 - age30_39	age50_59 - age40_49	age60 - age40_49	age60 - age50_59
Z	-1,263[b]	-,738[b]	-2,028[b]	-,736[b]	-,315[c]
Asymp. Sig. (2-tailed)	,206	,461	,043	,462	,752

a. Wilcoxon Signed Ranks Test

b. Based on positive ranks.

c. Based on negative ranks.

```
NPAR TESTS
  /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29
age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 a
ge40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age6
0 age50_59 age60 age60 (PAIRED)
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS.
```

NPar Tests

Notes

Output Created		04-OCT-2016 01:23:46
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	74
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 /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29 age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 age40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age60 age50_59 age60 age60 (PAIRED) /STATISTICS DESCRIPTIVES /MISSING ANALYSIS.
Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,00
	Number of Cases Allowed[a]	71493

a. Based on availability of workspace memory.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
age20	18	.12556	.035016	.010	.150
age20_29	74	.13054	.040810	.020	.250
age30_39	14	.11571	.034130	.040	.150
age40_49	12	.10167	.045494	.020	.150
age50_59	7	.07714	.035923	.040	.150
age60	5	.11200	.040866	.050	.140

Wilcoxon Signed Ranks Test (8 - CMYK)

Ranks

		N	Mean Rank	Sum of Ranks
age20_29 - age20	Negative Ranks	7[a]	5,07	35,50
	Positive Ranks	4[b]	7,63	30,50
	Ties	7[c]		
	Total	18		
age30_39 - age20	Negative Ranks	5[d]	7,40	37,00
	Positive Ranks	6[e]	4,83	29,00
	Ties	3[f]		
	Total	14		
age40_49 - age20	Negative Ranks	6[g]	6,33	38,00
	Positive Ranks	4[h]	4,25	17,00
	Ties	2[i]		
	Total	12		
age50_59 - age20	Negative Ranks	5[j]	4,10	20,50
	Positive Ranks	2[k]	3,75	7,50
	Ties	0[l]		
	Total	7		
age60 - age20	Negative Ranks	3[m]	2,33	7,00
	Positive Ranks	1[n]	3,00	3,00
	Ties	1[o]		
	Total	5		
age30_39 - age20_29	Negative Ranks	7[p]	8,43	59,00
	Positive Ranks	6[q]	5,33	32,00
	Ties	1[r]		
	Total	14		
age40_49 - age20_29	Negative Ranks	7[s]	6,00	42,00
	Positive Ranks	3[t]	4,33	13,00
	Ties	2[u]		
	Total	12		
age50_59 - age20_29	Negative Ranks	5[v]	4,90	24,50
	Positive Ranks	2[w]	1,75	3,50
	Ties	0[x]		
	Total	7		
age60 - age20_29	Negative Ranks	3[y]	2,00	6,00
	Positive Ranks	0[z]	,00	,00
	Ties	2[aa]		
	Total	5		
age40_49 - age30_39	Negative Ranks	7[ab]	7,00	49,00
	Positive Ranks	5[ac]	5,80	29,00
	Ties	0[ad]		
	Total	12		

Ranks

		N	Mean Rank	Sum of Ranks
age50_59 - age30_39	Negative Ranks	4[ae]	4,88	19,50
	Positive Ranks	3[af]	2,83	8,50
	Ties	0[ag]		
	Total	7		
age60 - age30_39	Negative Ranks	2[ah]	1,75	3,50
	Positive Ranks	3[ai]	3,83	11,50
	Ties	0[aj]		
	Total	5		
age50_59 - age40_49	Negative Ranks	4[ak]	3,75	15,00
	Positive Ranks	2[al]	3,00	6,00
	Ties	1[am]		
	Total	7		
age60 - age40_49	Negative Ranks	2[an]	1,75	3,50
	Positive Ranks	2[ao]	3,25	6,50
	Ties	1[ap]		
	Total	5		
age60 - age50_59	Negative Ranks	2[aq]	1,50	3,00
	Positive Ranks	3[ar]	4,00	12,00
	Ties	0[as]		
	Total	5		

a. age20_29 < age20

b. age20_29 > age20

c. age20_29 = age20

d. age30_39 < age20

e. age30_39 > age20

f. age30_39 = age20

g. age40_49 < age20

h. age40_49 > age20

i. age40_49 = age20

j. age50_59 < age20

k. age50_59 > age20

l. age50_59 = age20

m. age60 < age20

n. age60 > age20

o. age60 = age20

p. age30_39 < age20_29

q. age30_39 > age20_29

r. age30_39 = age20_29

s. age40_49 < age20_29
t. age40_49 > age20_29
u. age40_49 = age20_29
v. age50_59 < age20_29
w. age50_59 > age20_29
x. age50_59 = age20_29
y. age60 < age20_29
z. age60 > age20_29
aa. age60 = age20_29
ab. age40_49 < age30_39
ac. age40_49 > age30_39
ad. age40_49 = age30_39
ae. age50_59 < age30_39
af. age50_59 > age30_39
ag. age50_59 = age30_39
ah. age60 < age30_39
ai. age60 > age30_39
aj. age60 = age30_39
ak. age50_59 < age40_49
al. age50_59 > age40_49
am. age50_59 = age40_49
an. age60 < age40_49
ao. age60 > age40_49
ap. age60 = age40_49
aq. age60 < age50_59
ar. age60 > age50_59
as. age60 = age50_59

Test Statistics[a]

	age20_29 - age20	age30_39 - age20	age40_49 - age20	age50_59 - age20	age60 - age20
Z	-,223[b]	-,357[b]	-1,074[b]	-1,101[b]	-,730[b]
Asymp. Sig. (2-tailed)	,823	,721	,283	,271	,465

Test Statistics[a]

	age30_39 - age20_29	age40_49 - age20_29	age50_59 - age20_29	age60 - age20_29	age40_49 - age30_39
Z	-,945[b]	-1,486[b]	-1,781[b]	-1,604[b]	-,788[b]
Asymp. Sig. (2-tailed)	,345	,137	,075	,109	,431

Test Statistics[a]

	age50_59 - age30_39	age60 - age30_39	age50_59 - age40_49	age60 - age40_49	age60 - age50_59
Z	-,933[b]	-1,084[c]	-,946[b]	-,552[c]	-1,225[c]
Asymp. Sig. (2-tailed)	,351	,279	,344	,581	,221

a. Wilcoxon Signed Ranks Test

b. Based on positive ranks.

c. Based on negative ranks.

```
NPAR TESTS
  /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29
age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 a
ge40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age6
0 age50_59 age60 age60 (PAIRED)
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS.
```

NPar Tests

Notes

Output Created		04-OCT-2016 01:26:56
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	85
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.

Notes

Syntax		NPAR TESTS /WILCOXON=age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29 age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 age40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age60 age50_59 age60 age60 (PAIRED) /STATISTICS DESCRIPTIVES /MISSING ANALYSIS.
Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,00
	Number of Cases Allowed[a]	71493

a. Based on availability of workspace memory.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
age20	18	.18500	.042322	.080	.210
age20_29	74	.18338	.058151	.010	.350
age30_39	14	.16714	.055668	.020	.210
age40_49	12	.13750	.070081	.030	.210
age50_59	7	.10000	.071647	.010	.210
age60	5	.17200	.044385	.110	.210

Wilcoxon Signed Ranks Test (8 - Lab)

Ranks

		N	Mean Rank	Sum of Ranks
age20_29 - age20	Negative Ranks	8[a]	6,50	52,00
	Positive Ranks	5[b]	7,80	39,00
	Ties	5[c]		
	Total	18		
age30_39 - age20	Negative Ranks	6[d]	8,42	50,50
	Positive Ranks	7[e]	5,79	40,50
	Ties	1[f]		
	Total	14		
age40_49 - age20	Negative Ranks	6[g]	6,00	36,00
	Positive Ranks	3[h]	3,00	9,00
	Ties	3[i]		
	Total	12		
age50_59 - age20	Negative Ranks	6[j]	3,92	23,50
	Positive Ranks	1[k]	4,50	4,50
	Ties	0[l]		
	Total	7		
age60 - age20	Negative Ranks	3[m]	2,33	7,00
	Positive Ranks	1[n]	3,00	3,00
	Ties	1[o]		
	Total	5		
age30_39 - age20_29	Negative Ranks	6[p]	9,42	56,50
	Positive Ranks	8[q]	6,06	48,50
	Ties	0[r]		
	Total	14		
age40_49 - age20_29	Negative Ranks	6[s]	7,50	45,00
	Positive Ranks	4[t]	2,50	10,00
	Ties	2[u]		
	Total	12		
age50_59 - age20_29	Negative Ranks	5[v]	4,70	23,50
	Positive Ranks	2[w]	2,25	4,50
	Ties	0[x]		
	Total	7		
age60 - age20_29	Negative Ranks	2[y]	1,50	3,00
	Positive Ranks	0[z]	,00	,00
	Ties	3[aa]		
	Total	5		
age40_49 - age30_39	Negative Ranks	6[ab]	6,58	39,50
	Positive Ranks	5[ac]	5,30	26,50
	Ties	1[ad]		
	Total	12		
age50_59 - age30_39	Negative Ranks	4[ae]	4,50	18,00
	Positive Ranks	3[af]	3,33	10,00

Ranks

		N	Mean Rank	Sum of Ranks
	Ties	0[ag]		
	Total	7		
age60 - age30_39	Negative Ranks	1[ah]	3,00	3,00
	Positive Ranks	4[ai]	3,00	12,00
	Ties	0[aj]		
	Total	5		
age50_59 - age40_49	Negative Ranks	4[ak]	4,75	19,00
	Positive Ranks	3[al]	3,00	9,00
	Ties	0[am]		
	Total	7		
age60 - age40_49	Negative Ranks	3[an]	2,00	6,00
	Positive Ranks	2[ao]	4,50	9,00
	Ties	0[ap]		
	Total	5		
age60 - age50_59	Negative Ranks	2[aq]	1,50	3,00
	Positive Ranks	3[ar]	4,00	12,00
	Ties	0[as]		
	Total	5		

a. age20_29 < age20
b. age20_29 > age20
c. age20_29 = age20
d. age30_39 < age20
e. age30_39 > age20
f. age30_39 = age20
g. age40_49 < age20
h. age40_49 > age20
i. age40_49 = age20
j. age50_59 < age20
k. age50_59 > age20
l. age50_59 = age20
m. age60 < age20
n. age60 > age20
o. age60 = age20
p. age30_39 < age20_29
q. age30_39 > age20_29
r. age30_39 = age20_29
s. age40_49 < age20_29
t. age40_49 > age20_29
u. age40_49 = age20_29
v. age50_59 < age20_29
w. age50_59 > age20_29
x. age50_59 = age20_29

y. age60 < age20_29
z. age60 > age20_29
aa. age60 = age20_29
ab. age40_49 < age30_39
ac. age40_49 > age30_39
ad. age40_49 = age30_39
ae. age50_59 < age30_39
af. age50_59 > age30_39
ag. age50_59 = age30_39
ah. age60 < age30_39
ai. age60 > age30_39
aj. age60 = age30_39
ak. age50_59 < age40_49
al. age50_59 > age40_49
am. age50_59 = age40_49
an. age60 < age40_49
ao. age60 > age40_49
ap. age60 = age40_49
aq. age60 < age50_59
ar. age60 > age50_59
as. age60 = age50_59

Test Statistics[a]

	age20_29 - age20	age30_39 - age20	age40_49 - age20	age50_59 - age20	age60 - age20
Z	-,462[b]	-,351[b]	-1,602[b]	-1,609[b]	-,730[b]
Asymp. Sig. (2-tailed)	,644	,726	,109	,108	,465

Test Statistics[a]

	age30_39 - age20_29	age40_49 - age20_29	age50_59 - age20_29	age60 - age20_29	age40_49 - age30_39
Z	-,252[b]	-1,788[b]	-1,612[b]	-1,342[b]	-,579[b]
Asymp. Sig. (2-tailed)	,801	,074	,107	,180	,562

Test Statistics[a]

	age50_59 - age30_39	age60 - age30_39	age50_59 - age40_49	age60 - age40_49	age60 - age50_59
Z	-,681[b]	-1,214[c]	-,848[b]	-,405[c]	-1,219[c]
Asymp. Sig. (2-tailed)	,496	,225	,396	,686	,223

a. Wilcoxon Signed Ranks Test

b. Based on positive ranks.

c. Based on negative ranks.

```
NPAR TESTS
  /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29
age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 a
ge40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age6
0 age50_59 age60 age60 (PAIRED)
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS.
```

NPar Tests

Notes

Output Created		04-OCT-2016 01:30:33
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 /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29 age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 age40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age60 age50_59 age60 age60 (PAIRED) /STATISTICS DESCRIPTIVES /MISSING ANALYSIS.

Notes

Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed[a]	71493

a. Based on availability of workspace memory.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
age20	17	.10647	.113189	.020	.390
age20_29	84	.12774	.094172	.000	.390
age30_39	14	.13214	.108570	.040	.390
age40_49	12	.13750	.105238	.040	.390
age50_59	6	.14167	.127188	.040	.390
age60	4	.13000	.072572	.060	.230

Wilcoxon Signed Ranks Test (9 - RGB)

Ranks

		N	Mean Rank	Sum of Ranks
age20_29 - age20	Negative Ranks	7[a]	10,00	70,00
	Positive Ranks	10[b]	8,30	83,00
	Ties	0[c]		
	Total	17		
age30_39 - age20	Negative Ranks	5[d]	7,10	35,50
	Positive Ranks	9[e]	7,72	69,50
	Ties	0[f]		
	Total	14		
age40_49 - age20	Negative Ranks	4[g]	6,75	27,00
	Positive Ranks	8[h]	6,38	51,00
	Ties	0[i]		
	Total	12		
age50_59 - age20	Negative Ranks	1[j]	5,00	5,00
	Positive Ranks	5[k]	3,20	16,00
	Ties	0[l]		
	Total	6		
age60 - age20	Negative Ranks	1[m]	2,00	2,00
	Positive Ranks	2[n]	2,00	4,00
	Ties	1[o]		
	Total	4		
age30_39 - age20_29	Negative Ranks	4[p]	5,50	22,00
	Positive Ranks	7[q]	6,29	44,00

Ranks

		N	Mean Rank	Sum of Ranks
	Ties	3[r]		
	Total	14		
age40_49 - age20_29	Negative Ranks	5[s]	5,00	25,00
	Positive Ranks	5[t]	6,00	30,00
	Ties	2[u]		
	Total	12		
age50_59 - age20_29	Negative Ranks	2[v]	2,50	5,00
	Positive Ranks	3[w]	3,33	10,00
	Ties	1[x]		
	Total	6		
age60 - age20_29	Negative Ranks	2[y]	2,50	5,00
	Positive Ranks	2[z]	2,50	5,00
	Ties	0[aa]		
	Total	4		
age40_49 - age30_39	Negative Ranks	7[ab]	6,14	43,00
	Positive Ranks	5[ac]	7,00	35,00
	Ties	0[ad]		
	Total	12		
age50_59 - age30_39	Negative Ranks	4[ae]	2,75	11,00
	Positive Ranks	2[af]	5,00	10,00
	Ties	0[ag]		
	Total	6		
age60 - age30_39	Negative Ranks	3[ah]	2,33	7,00
	Positive Ranks	1[ai]	3,00	3,00
	Ties	0[aj]		
	Total	4		
age50_59 - age40_49	Negative Ranks	3[ak]	3,50	10,50
	Positive Ranks	2[al]	2,25	4,50
	Ties	1[am]		
	Total	6		
age60 - age40_49	Negative Ranks	3[an]	2,33	7,00
	Positive Ranks	1[ao]	3,00	3,00
	Ties	0[ap]		
	Total	4		
age60 - age50_59	Negative Ranks	1[aq]	3,00	3,00
	Positive Ranks	2[ar]	1,50	3,00
	Ties	1[as]		
	Total	4		

a. age20_29 < age20
b. age20_29 > age20
c. age20_29 = age20
d. age30_39 < age20
e. age30_39 > age20
f. age30_39 = age20
g. age40_49 < age20
h. age40_49 > age20
i. age40_49 = age20
j. age50_59 < age20
k. age50_59 > age20
l. age50_59 = age20
m. age60 < age20
n. age60 > age20
o. age60 = age20
p. age30_39 < age20_29
q. age30_39 > age20_29
r. age30_39 = age20_29
s. age40_49 < age20_29
t. age40_49 > age20_29
u. age40_49 = age20_29
v. age50_59 < age20_29
w. age50_59 > age20_29
x. age50_59 = age20_29
y. age60 < age20_29
z. age60 > age20_29
aa. age60 = age20_29
ab. age40_49 < age30_39
ac. age40_49 > age30_39
ad. age40_49 = age30_39
ae. age50_59 < age30_39
af. age50_59 > age30_39
ag. age50_59 = age30_39
ah. age60 < age30_39
ai. age60 > age30_39
aj. age60 = age30_39

ak. age50_59 < age40_49

al. age50_59 > age40_49

am. age50_59 = age40_49

an. age60 < age40_49

ao. age60 > age40_49

ap. age60 = age40_49

aq. age60 < age50_59

ar. age60 > age50_59

as. age60 = age50_59

Test Statistics[a]

	age20_29 - age20	age30_39 - age20	age40_49 - age20	age50_59 - age20	age60 - age20
Z	-,308[b]	-1,068[b]	-,944[b]	-1,156[b]	-,535[b]
Asymp. Sig. (2-tailed)	,758	,286	,345	,248	,593

Test Statistics[a]

	age30_39 - age20_29	age40_49 - age20_29	age50_59 - age20_29	age60 - age20_29	age40_49 - age30_39
Z	-,979[b]	-,255[b]	-,677[b]	,000[c]	-,314[d]
Asymp. Sig. (2-tailed)	,327	,799	,498	1,000	,753

Test Statistics[a]

	age50_59 - age30_39	age60 - age30_39	age50_59 - age40_49	age60 - age40_49	age60 - age50_59
Z	-,105[d]	-,730[d]	-,813[d]	-,736[d]	,000[c]
Asymp. Sig. (2-tailed)	,917	,465	,416	,461	1,000

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.

c. The sum of negative ranks equals the sum of positive ranks.

d. Based on positive ranks.

```
NPAR TESTS
  /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29
age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 a
ge40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age6
0 age50_59 age60 age60 (PAIRED)
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS.
```

NPar Tests

Notes

Output Created		04-OCT-2016 01:33:43
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 for each test are based on all cases with valid data for the variable(s) used in that test.
Syntax		NPAR TESTS /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29 age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 age40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age60 age50_59 age60 age60 (PAIRED) /STATISTICS DESCRIPTIVES /MISSING ANALYSIS.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed[a]	71493

a. Based on availability of workspace memory.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
age20	17	.11824	.106550	.020	.380
age20_29	84	.13833	.079877	.020	.380
age30_39	14	.14929	.099496	.050	.380
age40_49	12	.15250	.094014	.050	.380
age50_59	6	.16000	.118491	.040	.380
age60	4	.13750	.059090	.090	.220

Wilcoxon Signed Ranks Test (9 - Lab)

Ranks

		N	Mean Rank	Sum of Ranks
age20_29 - age20	Negative Ranks	7[a]	9,79	68,50
	Positive Ranks	10[b]	8,45	84,50
	Ties	0[c]		
	Total	17		
age30_39 - age20	Negative Ranks	5[d]	7,20	36,00
	Positive Ranks	9[e]	7,67	69,00
	Ties	0[f]		
	Total	14		
age40_49 - age20	Negative Ranks	3[g]	6,83	20,50
	Positive Ranks	9[h]	6,39	57,50
	Ties	0[i]		
	Total	12		
age50_59 - age20	Negative Ranks	1[j]	5,00	5,00
	Positive Ranks	5[k]	3,20	16,00
	Ties	0[l]		
	Total	6		
age60 - age20	Negative Ranks	1[m]	3,00	3,00
	Positive Ranks	3[n]	2,33	7,00
	Ties	0[o]		
	Total	4		
age30_39 - age20_29	Negative Ranks	5[p]	7,20	36,00
	Positive Ranks	9[q]	7,67	69,00
	Ties	0[r]		
	Total	14		
age40_49 - age20_29	Negative Ranks	6[s]	4,92	29,50
	Positive Ranks	5[t]	7,30	36,50
	Ties	1[u]		
	Total	12		
age50_59 - age20_29	Negative Ranks	2[v]	2,00	4,00
	Positive Ranks	2[w]	3,00	6,00

Ranks

		N	Mean Rank	Sum of Ranks
	Ties	2[x]		
	Total	6		
age60 - age20_29	Negative Ranks	2[y]	2,50	5,00
	Positive Ranks	2[z]	2,50	5,00
	Ties	0[aa]		
	Total	4		
age40_49 - age30_39	Negative Ranks	7[ab]	6,07	42,50
	Positive Ranks	5[ac]	7,10	35,50
	Ties	0[ad]		
	Total	12		
age50_59 - age30_39	Negative Ranks	4[ae]	2,75	11,00
	Positive Ranks	2[af]	5,00	10,00
	Ties	0[ag]		
	Total	6		
age60 - age30_39	Negative Ranks	3[ah]	2,33	7,00
	Positive Ranks	1[ai]	3,00	3,00
	Ties	0[aj]		
	Total	4		
age50_59 - age40_49	Negative Ranks	3[ak]	3,50	10,50
	Positive Ranks	2[al]	2,25	4,50
	Ties	1[am]		
	Total	6		
age60 - age40_49	Negative Ranks	3[an]	2,33	7,00
	Positive Ranks	1[ao]	3,00	3,00
	Ties	0[ap]		
	Total	4		
age60 - age50_59	Negative Ranks	2[aq]	2,50	5,00
	Positive Ranks	2[ar]	2,50	5,00
	Ties	0[as]		
	Total	4		

a. age20_29 < age20
b. age20_29 > age20
c. age20_29 = age20
d. age30_39 < age20
e. age30_39 > age20
f. age30_39 = age20
g. age40_49 < age20
h. age40_49 > age20
i. age40_49 = age20
j. age50_59 < age20
k. age50_59 > age20
l. age50_59 = age20
m. age60 < age20
n. age60 > age20
o. age60 = age20
p. age30_39 < age20_29
q. age30_39 > age20_29
r. age30_39 = age20_29
s. age40_49 < age20_29
t. age40_49 > age20_29
u. age40_49 = age20_29
v. age50_59 < age20_29
w. age50_59 > age20_29
x. age50_59 = age20_29
y. age60 < age20_29
z. age60 > age20_29
aa. age60 = age20_29
ab. age40_49 < age30_39
ac. age40_49 > age30_39
ad. age40_49 = age30_39
ae. age50_59 < age30_39
af. age50_59 > age30_39
ag. age50_59 = age30_39
ah. age60 < age30_39
ai. age60 > age30_39
aj. age60 = age30_39

ak. age50_59 < age40_49

al. age50_59 > age40_49

am. age50_59 = age40_49

an. age60 < age40_49

ao. age60 > age40_49

ap. age60 = age40_49

aq. age60 < age50_59

ar. age60 > age50_59

as. age60 = age50_59

Test Statistics[a]

	age20_29 - age20	age30_39 - age20	age40_49 - age20	age50_59 - age20	age60 - age20
Z	-,379[b]	-1,036[b]	-1,454[b]	-1,153[b]	-,736[b]
Asymp. Sig. (2-tailed)	,705	,300	,146	,249	,461

Test Statistics[a]

	age30_39 - age20_29	age40_49 - age20_29	age50_59 - age20_29	age60 - age20_29	age40_49 - age30_39
Z	-1,042[b]	-,311[b]	-,365[b]	,000[c]	-,275[d]
Asymp. Sig. (2-tailed)	,297	,755	,715	1,000	,783

Test Statistics[a]

	age50_59 - age30_39	age60 - age30_39	age50_59 - age40_49	age60 - age40_49	age60 - age50_59
Z	-,105[d]	-,730[d]	-,813[d]	-,730[d]	,000[c]
Asymp. Sig. (2-tailed)	,917	,465	,416	,465	1,000

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.

c. The sum of negative ranks equals the sum of positive ranks.

d. Based on positive ranks.

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/demo_values_analysis.sav'
  /COMPRESSED.
```

```
NPAR TESTS
  /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29
age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 a
ge40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age6
0 age50_59 age60 age60 (PAIRED)
  /STATISTICS DESCRIPTIVES
```

NPar Tests

Notes

Output Created		**04-OCT-2016 08:58:59**
Comments		
Input	**Data**	**/Users/PauloGarcia/Desktop/blendingbox/Analysis/SPSS Files/demo_values_analysis.sav**
	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 /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29 age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 age40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age60 age50_59 age60 age60 (PAIRED) /STATISTICS DESCRIPTIVES /MISSING ANALYSIS.**

Notes

Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,00
	Number of Cases Allowed[a]	71493

a. Based on availability of workspace memory.

[DataSet1] /Users/PauloGarcia/Desktop/blendingbox/Analysis/SPSS Files/demo_values_analysis.sav

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
age20	20	.12650	.058244	.080	.280
age20_29	84	.13357	.065852	.080	.340
age30_39	14	.18214	.100856	.080	.340
age40_49	11	.14182	.059130	.080	.280
age50_59	7	.14000	.036968	.080	.190
age60	4	.15500	.092556	.080	.280

Wilcoxon Signed Ranks Test (19 - HSV)

Ranks

		N	Mean Rank	Sum of Ranks
age20_29 - age20	Negative Ranks	9[a]	9,72	87,50
	Positive Ranks	9[b]	9,28	83,50
	Ties	2[c]		
	Total	20		
age30_39 - age20	Negative Ranks	4[d]	7,75	31,00
	Positive Ranks	10[e]	7,40	74,00
	Ties	0[f]		
	Total	14		
age40_49 - age20	Negative Ranks	4[g]	5,25	21,00
	Positive Ranks	6[h]	5,67	34,00
	Ties	1[i]		
	Total	11		
age50_59 - age20	Negative Ranks	2[j]	4,50	9,00
	Positive Ranks	4[k]	3,00	12,00
	Ties	1[l]		
	Total	7		
age60 - age20	Negative Ranks	2[m]	1,75	3,50
	Positive Ranks	1[n]	2,50	2,50
	Ties	1[o]		
	Total	4		

Ranks

		N	Mean Rank	Sum of Ranks
age30_39 - age20_29	Negative Ranks	4[p]	6,50	26,00
	Positive Ranks	8[q]	6,50	52,00
	Ties	2[r]		
	Total	14		
age40_49 - age20_29	Negative Ranks	3[s]	4,83	14,50
	Positive Ranks	4[t]	3,38	13,50
	Ties	4[u]		
	Total	11		
age50_59 - age20_29	Negative Ranks	2[v]	2,00	4,00
	Positive Ranks	3[w]	3,67	11,00
	Ties	2[x]		
	Total	7		
age60 - age20_29	Negative Ranks	2[y]	1,50	3,00
	Positive Ranks	2[z]	3,50	7,00
	Ties	0[aa]		
	Total	4		
age40_49 - age30_39	Negative Ranks	5[ab]	5,40	27,00
	Positive Ranks	3[ac]	3,00	9,00
	Ties	3[ad]		
	Total	11		
age50_59 - age30_39	Negative Ranks	3[ae]	4,67	14,00
	Positive Ranks	3[af]	2,33	7,00
	Ties	1[ag]		
	Total	7		
age60 - age30_39	Negative Ranks	3[ah]	2,33	7,00
	Positive Ranks	1[ai]	3,00	3,00
	Ties	0[aj]		
	Total	4		
age50_59 - age40_49	Negative Ranks	1[ak]	4,00	4,00
	Positive Ranks	3[al]	2,00	6,00
	Ties	3[am]		
	Total	7		
age60 - age40_49	Negative Ranks	2[an]	1,50	3,00
	Positive Ranks	2[ao]	3,50	7,00
	Ties	0[ap]		
	Total	4		
age60 - age50_59	Negative Ranks	2[aq]	2,50	5,00
	Positive Ranks	2[ar]	2,50	5,00
	Ties	0[as]		
	Total	4		

a. age20_29 < age20
b. age20_29 > age20
c. age20_29 = age20
d. age30_39 < age20
e. age30_39 > age20
f. age30_39 = age20
g. age40_49 < age20
h. age40_49 > age20
i. age40_49 = age20
j. age50_59 < age20
k. age50_59 > age20
l. age50_59 = age20
m. age60 < age20
n. age60 > age20
o. age60 = age20
p. age30_39 < age20_29
q. age30_39 > age20_29
r. age30_39 = age20_29
s. age40_49 < age20_29
t. age40_49 > age20_29
u. age40_49 = age20_29
v. age50_59 < age20_29
w. age50_59 > age20_29
x. age50_59 = age20_29
y. age60 < age20_29
z. age60 > age20_29
aa. age60 = age20_29
ab. age40_49 < age30_39
ac. age40_49 > age30_39
ad. age40_49 = age30_39
ae. age50_59 < age30_39
af. age50_59 > age30_39
ag. age50_59 = age30_39
ah. age60 < age30_39
ai. age60 > age30_39
aj. age60 = age30_39

ak. age50_59 < age40_49

al. age50_59 > age40_49

am. age50_59 = age40_49

an. age60 < age40_49

ao. age60 > age40_49

ap. age60 = age40_49

aq. age60 < age50_59

ar. age60 > age50_59

as. age60 = age50_59

Test Statistics[a]

	age20_29 - age20	age30_39 - age20	age40_49 - age20	age50_59 - age20	age60 - age20
Z	-,087[b]	-1,351[c]	-,664[c]	-,316[c]	-,272[b]
Asymp. Sig. (2-tailed)	,930	,177	,507	,752	,785

Test Statistics[a]

	age30_39 - age20_29	age40_49 - age20_29	age50_59 - age20_29	age60 - age20_29	age40_49 - age30_39
Z	-1,024[c]	-,085[b]	-,944[c]	-,730[c]	-1,262[b]
Asymp. Sig. (2-tailed)	,306	,933	,345	,465	,207

Test Statistics[a]

	age50_59 - age30_39	age60 - age30_39	age50_59 - age40_49	age60 - age40_49	age60 - age50_59
Z	-,734[b]	-,730[b]	-,365[c]	-,730[c]	,000[d]
Asymp. Sig. (2-tailed)	,463	,465	,715	,465	1,000

a. Wilcoxon Signed Ranks Test

b. Based on positive ranks.

c. Based on negative ranks.

d. The sum of negative ranks equals the sum of positive ranks.

```
NPAR TESTS
  /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29
age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 a
ge40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age6
0 age50_59 age60 age60 (PAIRED)
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS.
```

NPar Tests

Notes

Output Created		04-OCT-2016 09:02:55
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/SPSS Files/demo_values_analysis.sav
	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 /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29 age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 age40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age60 age50_59 age60 age60 (PAIRED) /STATISTICS DESCRIPTIVES /MISSING ANALYSIS.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed[a]	71493

a. Based on availability of workspace memory.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
age20	20	.13000	.054580	.080	.280
age20_29	84	.13690	.063625	.080	.340
age30_39	14	.18429	.096134	.080	.340
age40_49	11	.14182	.059803	.080	.280
age50_59	7	.14000	.032660	.080	.180
age60	4	.15250	.092150	.080	.280

Wilcoxon Signed Ranks Test (9 - RGB)

Ranks

		N	Mean Rank	Sum of Ranks
age20_29 - age20	Negative Ranks	9[a]	10,33	93,00
	Positive Ranks	9[b]	8,67	78,00
	Ties	2[c]		
	Total	20		
age30_39 - age20	Negative Ranks	4[d]	7,75	31,00
	Positive Ranks	10[e]	7,40	74,00
	Ties	0[f]		
	Total	14		
age40_49 - age20	Negative Ranks	4[g]	5,50	22,00
	Positive Ranks	6[h]	5,50	33,00
	Ties	1[i]		
	Total	11		
age50_59 - age20	Negative Ranks	2[j]	4,75	9,50
	Positive Ranks	4[k]	2,88	11,50
	Ties	1[l]		
	Total	7		
age60 - age20	Negative Ranks	2[m]	2,00	4,00
	Positive Ranks	1[n]	2,00	2,00
	Ties	1[o]		
	Total	4		
age30_39 - age20_29	Negative Ranks	4[p]	6,25	25,00
	Positive Ranks	8[q]	6,63	53,00
	Ties	2[r]		
	Total	14		
age40_49 - age20_29	Negative Ranks	6[s]	4,83	29,00
	Positive Ranks	4[t]	6,50	26,00
	Ties	1[u]		
	Total	11		
age50_59 - age20_29	Negative Ranks	2[v]	3,00	6,00
	Positive Ranks	3[w]	3,00	9,00

Ranks

		N	Mean Rank	Sum of Ranks
	Ties	2[x]		
	Total	7		
age60 - age20_29	Negative Ranks	2[y]	2,00	4,00
	Positive Ranks	2[z]	3,00	6,00
	Ties	0[aa]		
	Total	4		
age40_49 - age30_39	Negative Ranks	7[ab]	6,00	42,00
	Positive Ranks	3[ac]	4,33	13,00
	Ties	1[ad]		
	Total	11		
age50_59 - age30_39	Negative Ranks	3[ae]	4,67	14,00
	Positive Ranks	3[af]	2,33	7,00
	Ties	1[ag]		
	Total	7		
age60 - age30_39	Negative Ranks	3[ah]	3,00	9,00
	Positive Ranks	1[ai]	1,00	1,00
	Ties	0[aj]		
	Total	4		
age50_59 - age40_49	Negative Ranks	1[ak]	6,00	6,00
	Positive Ranks	5[al]	3,00	15,00
	Ties	1[am]		
	Total	7		
age60 - age40_49	Negative Ranks	2[an]	1,75	3,50
	Positive Ranks	2[ao]	3,25	6,50
	Ties	0[ap]		
	Total	4		
age60 - age50_59	Negative Ranks	2[aq]	2,50	5,00
	Positive Ranks	2[ar]	2,50	5,00
	Ties	0[as]		
	Total	4		

a. age20_29 < age20
b. age20_29 > age20
c. age20_29 = age20
d. age30_39 < age20
e. age30_39 > age20
f. age30_39 = age20
g. age40_49 < age20
h. age40_49 > age20
i. age40_49 = age20
j. age50_59 < age20
k. age50_59 > age20
l. age50_59 = age20
m. age60 < age20
n. age60 > age20
o. age60 = age20
p. age30_39 < age20_29
q. age30_39 > age20_29
r. age30_39 = age20_29
s. age40_49 < age20_29
t. age40_49 > age20_29
u. age40_49 = age20_29
v. age50_59 < age20_29
w. age50_59 > age20_29
x. age50_59 = age20_29
y. age60 < age20_29
z. age60 > age20_29
aa. age60 = age20_29
ab. age40_49 < age30_39
ac. age40_49 > age30_39
ad. age40_49 = age30_39
ae. age50_59 < age30_39
af. age50_59 > age30_39
ag. age50_59 = age30_39
ah. age60 < age30_39
ai. age60 > age30_39
aj. age60 = age30_39

ak. age50_59 < age40_49

al. age50_59 > age40_49

am. age50_59 = age40_49

an. age60 < age40_49

ao. age60 > age40_49

ap. age60 = age40_49

aq. age60 < age50_59

ar. age60 > age50_59

as. age60 = age50_59

Test Statistics[a]

	age20_29 - age20	age30_39 - age20	age40_49 - age20	age50_59 - age20	age60 - age20
Z	-,328[b]	-1,351[c]	-,561[c]	-,210[c]	-,535[b]
Asymp. Sig. (2-tailed)	,743	,177	,575	,833	,593

Test Statistics[a]

	age30_39 - age20_29	age40_49 - age20_29	age50_59 - age20_29	age60 - age20_29	age40_49 - age30_39
Z	-1,101[c]	-,153[b]	-,408[c]	-,365[c]	-1,479[b]
Asymp. Sig. (2-tailed)	,271	,878	,683	,715	,139

Test Statistics[a]

	age50_59 - age30_39	age60 - age30_39	age50_59 - age40_49	age60 - age40_49	age60 - age50_59
Z	-,734[b]	-1,461[b]	-,954[c]	-,552[c]	,000[d]
Asymp. Sig. (2-tailed)	,463	,144	,340	,581	1,000

a. Wilcoxon Signed Ranks Test

b. Based on positive ranks.

c. Based on negative ranks.

d. The sum of negative ranks equals the sum of positive ranks.

```
 NPAR TESTS
  /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29
age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 a
ge40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age6
0 age50_59 age60 age60 (PAIRED)
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS.
```

NPar Tests

Notes

Output Created		04-OCT-2016 09:07:18
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/SPSS Files/demo_values_analysis.sav
	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 /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29 age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 age40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age60 age50_59 age60 age60 (PAIRED) /STATISTICS DESCRIPTIVES /MISSING ANALYSIS.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed[a]	71493

a. Based on availability of workspace memory.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
age20	19	.06895	.043703	.030	.190
age20_29	84	.06500	.048977	.000	.250
age30_39	15	.08867	.045335	.040	.190
age40_49	14	.08143	.052749	.000	.170
age50_59	6	.07167	.045789	.000	.140
age60	5	.10600	.077974	.060	.240

Wilcoxon Signed Ranks Test (25- Lab)

Ranks

		N	Mean Rank	Sum of Ranks
age20_29 - age20	Negative Ranks	9[a]	9,50	85,50
	Positive Ranks	5[b]	3,90	19,50
	Ties	5[c]		
	Total	19		
age30_39 - age20	Negative Ranks	3[d]	6,50	19,50
	Positive Ranks	10[e]	7,15	71,50
	Ties	2[f]		
	Total	15		
age40_49 - age20	Negative Ranks	5[g]	7,80	39,00
	Positive Ranks	9[h]	7,33	66,00
	Ties	0[i]		
	Total	14		
age50_59 - age20	Negative Ranks	2[j]	4,00	8,00
	Positive Ranks	3[k]	2,33	7,00
	Ties	1[l]		
	Total	6		
age60 - age20	Negative Ranks	0[m]	,00	,00
	Positive Ranks	3[n]	2,00	6,00
	Ties	2[o]		
	Total	5		
age30_39 - age20_29	Negative Ranks	0[p]	,00	,00
	Positive Ranks	12[q]	6,50	78,00
	Ties	3[r]		
	Total	15		
age40_49 - age20_29	Negative Ranks	2[s]	5,50	11,00
	Positive Ranks	10[t]	6,70	67,00
	Ties	2[u]		
	Total	14		
age50_59 - age20_29	Negative Ranks	1[v]	2,50	2,50
	Positive Ranks	4[w]	3,13	12,50

Ranks

		N	Mean Rank	Sum of Ranks
	Ties	1[x]		
	Total	6		
age60 - age20_29	Negative Ranks	0[y]	,00	,00
	Positive Ranks	3[z]	2,00	6,00
	Ties	2[aa]		
	Total	5		
age40_49 - age30_39	Negative Ranks	9[ab]	6,83	61,50
	Positive Ranks	5[ac]	8,70	43,50
	Ties	0[ad]		
	Total	14		
age50_59 - age30_39	Negative Ranks	2[ae]	4,50	9,00
	Positive Ranks	3[af]	2,00	6,00
	Ties	1[ag]		
	Total	6		
age60 - age30_39	Negative Ranks	1[ah]	2,00	2,00
	Positive Ranks	2[ai]	2,00	4,00
	Ties	2[aj]		
	Total	5		
age50_59 - age40_49	Negative Ranks	1[ak]	4,50	4,50
	Positive Ranks	4[al]	2,63	10,50
	Ties	1[am]		
	Total	6		
age60 - age40_49	Negative Ranks	1[an]	2,50	2,50
	Positive Ranks	4[ao]	3,13	12,50
	Ties	0[ap]		
	Total	5		
age60 - age50_59	Negative Ranks	0[aq]	,00	,00
	Positive Ranks	3[ar]	2,00	6,00
	Ties	2[as]		
	Total	5		

a. age20_29 < age20
b. age20_29 > age20
c. age20_29 = age20
d. age30_39 < age20
e. age30_39 > age20
f. age30_39 = age20
g. age40_49 < age20
h. age40_49 > age20
i. age40_49 = age20
j. age50_59 < age20
k. age50_59 > age20
l. age50_59 = age20
m. age60 < age20
n. age60 > age20
o. age60 = age20
p. age30_39 < age20_29
q. age30_39 > age20_29
r. age30_39 = age20_29
s. age40_49 < age20_29
t. age40_49 > age20_29
u. age40_49 = age20_29
v. age50_59 < age20_29
w. age50_59 > age20_29
x. age50_59 = age20_29
y. age60 < age20_29
z. age60 > age20_29
aa. age60 = age20_29
ab. age40_49 < age30_39
ac. age40_49 > age30_39
ad. age40_49 = age30_39
ae. age50_59 < age30_39
af. age50_59 > age30_39
ag. age50_59 = age30_39
ah. age60 < age30_39
ai. age60 > age30_39
aj. age60 = age30_39

ak. age50_59 < age40_49

al. age50_59 > age40_49

am. age50_59 = age40_49

an. age60 < age40_49

ao. age60 > age40_49

ap. age60 = age40_49

aq. age60 < age50_59

ar. age60 > age50_59

as. age60 = age50_59

Test Statistics[a]

	age20_29 - age20	age30_39 - age20	age40_49 - age20	age50_59 - age20	age60 - age20
Z	-2,078[b]	-1,824[c]	-,850[c]	-,135[b]	-1,604[c]
Asymp. Sig. (2-tailed)	,038	,068	,395	,892	,109

Test Statistics[a]

	age30_39 - age20_29	age40_49 - age20_29	age50_59 - age20_29	age60 - age20_29	age40_49 - age30_39
Z	-3,063[c]	-2,203[c]	-1,355[c]	-1,604[c]	-,566[b]
Asymp. Sig. (2-tailed)	,002	,028	,176	,109	,571

Test Statistics[a]

	age50_59 - age30_39	age60 - age30_39	age50_59 - age40_49	age60 - age40_49	age60 - age50_59
Z	-,405[b]	-,535[c]	-,813[c]	-1,355[c]	-1,604[c]
Asymp. Sig. (2-tailed)	,686	,593	,416	,176	,109

a. Wilcoxon Signed Ranks Test

b. Based on positive ranks.

c. Based on negative ranks.

```
NPAR TESTS
  /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29
age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 a
ge40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age6
0 age50_59 age60 age60 (PAIRED)
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS.
```

NPar Tests

Notes

Output Created		04-OCT-2016 09:13:29
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/SPSS Files/demo_values_analysis.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	78
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 /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29 age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 age40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age60 age50_59 age60 age60 (PAIRED) /STATISTICS DESCRIPTIVES /MISSING ANALYSIS.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed[a]	71493

a. Based on availability of workspace memory.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
age20	19	.09895	.039707	.060	.220
age20_29	78	.10346	.042329	.060	.290
age30_39	13	.10154	.029111	.060	.150
age40_49	13	.12385	.055157	.060	.230
age50_59	7	.10857	.032878	.080	.150
age60	5	.08800	.019235	.070	.120

Wilcoxon Signed Ranks Test (31 - HSV [1 - Green])

Ranks

		N	Mean Rank	Sum of Ranks
age20_29 - age20	Negative Ranks	5[a]	7,50	37,50
	Positive Ranks	10[b]	8,25	82,50
	Ties	4[c]		
	Total	19		
age30_39 - age20	Negative Ranks	4[d]	5,63	22,50
	Positive Ranks	6[e]	5,42	32,50
	Ties	3[f]		
	Total	13		
age40_49 - age20	Negative Ranks	3[g]	8,00	24,00
	Positive Ranks	10[h]	6,70	67,00
	Ties	0[i]		
	Total	13		
age50_59 - age20	Negative Ranks	3[j]	4,17	12,50
	Positive Ranks	3[k]	2,83	8,50
	Ties	1[l]		
	Total	7		
age60 - age20	Negative Ranks	1[m]	3,00	3,00
	Positive Ranks	2[n]	1,50	3,00
	Ties	2[o]		
	Total	5		
age30_39 - age20_29	Negative Ranks	4[p]	5,75	23,00
	Positive Ranks	4[q]	3,25	13,00
	Ties	5[r]		
	Total	13		
age40_49 - age20_29	Negative Ranks	6[s]	7,33	44,00
	Positive Ranks	7[t]	6,71	47,00
	Ties	0[u]		
	Total	13		
age50_59 - age20_29	Negative Ranks	2[v]	3,50	7,00
	Positive Ranks	3[w]	2,67	8,00

Ranks

		N	Mean Rank	Sum of Ranks
	Ties	2[x]		
	Total	7		
age60 - age20_29	Negative Ranks	3[y]	2,00	6,00
	Positive Ranks	0[z]	,00	,00
	Ties	2[aa]		
	Total	5		
age40_49 - age30_39	Negative Ranks	5[ab]	5,80	29,00
	Positive Ranks	7[ac]	7,00	49,00
	Ties	1[ad]		
	Total	13		
age50_59 - age30_39	Negative Ranks	2[ae]	2,75	5,50
	Positive Ranks	4[af]	3,88	15,50
	Ties	1[ag]		
	Total	7		
age60 - age30_39	Negative Ranks	2[ah]	1,50	3,00
	Positive Ranks	0[ai]	,00	,00
	Ties	3[aj]		
	Total	5		
age50_59 - age40_49	Negative Ranks	4[ak]	4,63	18,50
	Positive Ranks	3[al]	3,17	9,50
	Ties	0[am]		
	Total	7		
age60 - age40_49	Negative Ranks	3[an]	2,00	6,00
	Positive Ranks	1[ao]	4,00	4,00
	Ties	1[ap]		
	Total	5		
age60 - age50_59	Negative Ranks	3[aq]	2,67	8,00
	Positive Ranks	1[ar]	2,00	2,00
	Ties	1[as]		
	Total	5		

a. age20_29 < age20
b. age20_29 > age20
c. age20_29 = age20
d. age30_39 < age20
e. age30_39 > age20
f. age30_39 = age20
g. age40_49 < age20
h. age40_49 > age20
i. age40_49 = age20
j. age50_59 < age20
k. age50_59 > age20
l. age50_59 = age20
m. age60 < age20
n. age60 > age20
o. age60 = age20
p. age30_39 < age20_29
q. age30_39 > age20_29
r. age30_39 = age20_29
s. age40_49 < age20_29
t. age40_49 > age20_29
u. age40_49 = age20_29
v. age50_59 < age20_29
w. age50_59 > age20_29
x. age50_59 = age20_29
y. age60 < age20_29
z. age60 > age20_29
aa. age60 = age20_29
ab. age40_49 < age30_39
ac. age40_49 > age30_39
ad. age40_49 = age30_39
ae. age50_59 < age30_39
af. age50_59 > age30_39
ag. age50_59 = age30_39
ah. age60 < age30_39
ai. age60 > age30_39
aj. age60 = age30_39

ak. age50_59 < age40_49

al. age50_59 > age40_49

am. age50_59 = age40_49

an. age60 < age40_49

ao. age60 > age40_49

ap. age60 = age40_49

aq. age60 < age50_59

ar. age60 > age50_59

as. age60 = age50_59

Test Statistics[a]

	age20_29 - age20	age30_39 - age20	age40_49 - age20	age50_59 - age20	age60 - age20
Z	-1,279[b]	-,510[b]	-1,509[b]	-,420[c]	,000[d]
Asymp. Sig. (2-tailed)	,201	,610	,131	,674	1,000

Test Statistics[a]

	age30_39 - age20_29	age40_49 - age20_29	age50_59 - age20_29	age60 - age20_29	age40_49 - age30_39
Z	-,704[c]	-,105[b]	-,135[b]	-1,633[c]	-,787[b]
Asymp. Sig. (2-tailed)	,482	,916	,892	,102	,431

Test Statistics[a]

	age50_59 - age30_39	age60 - age30_39	age50_59 - age40_49	age60 - age40_49	age60 - age50_59
Z	-1,051[b]	-1,342[c]	-,762[c]	-,368[c]	-1,105[c]
Asymp. Sig. (2-tailed)	,293	,180	,446	,713	,269

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.

c. Based on positive ranks.

d. The sum of negative ranks equals the sum of positive ranks.

```
NPAR TESTS
  /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29
age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 a
ge40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age6
0 age50_59 age60 age60 (PAIRED)
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS.
```

NPar Tests

Notes

Output Created		04-OCT-2016 09:17:49
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/SPSS Files/demo_values_analysis.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	78
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 /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29 age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 age40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age60 age50_59 age60 age60 (PAIRED) /STATISTICS DESCRIPTIVES /MISSING ANALYSIS.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed[a]	71493

a. Based on availability of workspace memory.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
age20	19	.26737	.030703	.190	.290
age20_29	78	.25795	.036480	.100	.290
age30_39	13	.25538	.042547	.170	.290
age40_49	13	.23462	.044086	.120	.270
age50_59	7	.25000	.044721	.190	.290
age60	5	.26000	.023452	.240	.290

Wilcoxon Signed Ranks Test (31 - HSV [2- Magenta])

Ranks

		N	Mean Rank	Sum of Ranks
age20_29 - age20	Negative Ranks	9[a]	9,00	81,00
	Positive Ranks	6[b]	6,50	39,00
	Ties	4[c]		
	Total	19		
age30_39 - age20	Negative Ranks	6[d]	5,17	31,00
	Positive Ranks	3[e]	4,67	14,00
	Ties	4[f]		
	Total	13		
age40_49 - age20	Negative Ranks	9[g]	5,94	53,50
	Positive Ranks	1[h]	1,50	1,50
	Ties	3[i]		
	Total	13		
age50_59 - age20	Negative Ranks	3[j]	4,00	12,00
	Positive Ranks	3[k]	3,00	9,00
	Ties	1[l]		
	Total	7		
age60 - age20	Negative Ranks	3[m]	2,33	7,00
	Positive Ranks	1[n]	3,00	3,00
	Ties	1[o]		
	Total	5		
age30_39 - age20_29	Negative Ranks	4[p]	3,88	15,50
	Positive Ranks	4[q]	5,13	20,50
	Ties	5[r]		
	Total	13		
age40_49 - age20_29	Negative Ranks	7[s]	7,29	51,00
	Positive Ranks	5[t]	5,40	27,00
	Ties	1[u]		
	Total	13		
age50_59 - age20_29	Negative Ranks	3[v]	4,00	12,00
	Positive Ranks	2[w]	1,50	3,00

Ranks

		N	Mean Rank	Sum of Ranks
	Ties	2[x]		
	Total	7		
age60 - age20_29	Negative Ranks	2[y]	3,50	7,00
	Positive Ranks	2[z]	1,50	3,00
	Ties	1[aa]		
	Total	5		
age40_49 - age30_39	Negative Ranks	7[ab]	7,43	52,00
	Positive Ranks	5[ac]	5,20	26,00
	Ties	1[ad]		
	Total	13		
age50_59 - age30_39	Negative Ranks	4[ae]	4,00	16,00
	Positive Ranks	2[af]	2,50	5,00
	Ties	1[ag]		
	Total	7		
age60 - age30_39	Negative Ranks	2[ah]	2,00	4,00
	Positive Ranks	1[ai]	2,00	2,00
	Ties	2[aj]		
	Total	5		
age50_59 - age40_49	Negative Ranks	2[ak]	4,00	8,00
	Positive Ranks	5[al]	4,00	20,00
	Ties	0[am]		
	Total	7		
age60 - age40_49	Negative Ranks	2[an]	2,25	4,50
	Positive Ranks	2[ao]	2,75	5,50
	Ties	1[ap]		
	Total	5		
age60 - age50_59	Negative Ranks	3[aq]	2,00	6,00
	Positive Ranks	2[ar]	4,50	9,00
	Ties	0[as]		
	Total	5		

a. age20_29 < age20
b. age20_29 > age20
c. age20_29 = age20
d. age30_39 < age20
e. age30_39 > age20
f. age30_39 = age20
g. age40_49 < age20
h. age40_49 > age20
i. age40_49 = age20
j. age50_59 < age20
k. age50_59 > age20
l. age50_59 = age20
m. age60 < age20
n. age60 > age20
o. age60 = age20
p. age30_39 < age20_29
q. age30_39 > age20_29
r. age30_39 = age20_29
s. age40_49 < age20_29
t. age40_49 > age20_29
u. age40_49 = age20_29
v. age50_59 < age20_29
w. age50_59 > age20_29
x. age50_59 = age20_29
y. age60 < age20_29
z. age60 > age20_29
aa. age60 = age20_29
ab. age40_49 < age30_39
ac. age40_49 > age30_39
ad. age40_49 = age30_39
ae. age50_59 < age30_39
af. age50_59 > age30_39
ag. age50_59 = age30_39
ah. age60 < age30_39
ai. age60 > age30_39
aj. age60 = age30_39

ak. age50_59 < age40_49

al. age50_59 > age40_49

am. age50_59 = age40_49

an. age60 < age40_49

ao. age60 > age40_49

ap. age60 = age40_49

aq. age60 < age50_59

ar. age60 > age50_59

as. age60 = age50_59

Test Statistics[a]

	age20_29 - age20	age30_39 - age20	age40_49 - age20	age50_59 - age20	age60 - age20
Z	-1,202[b]	-1,009[b]	-2,657[b]	-,314[b]	-,730[b]
Asymp. Sig. (2-tailed)	,229	,313	,008	,753	,465

Test Statistics[a]

	age30_39 - age20_29	age40_49 - age20_29	age50_59 - age20_29	age60 - age20_29	age40_49 - age30_39
Z	-,350[c]	-,944[b]	-1,219[b]	-,730[b]	-1,023[b]
Asymp. Sig. (2-tailed)	,726	,345	,223	,465	,306

Test Statistics[a]

	age50_59 - age30_39	age60 - age30_39	age50_59 - age40_49	age60 - age40_49	age60 - age50_59
Z	-1,160[b]	-,535[b]	-1,014[c]	-,184[c]	-,406[c]
Asymp. Sig. (2-tailed)	,246	,593	,310	,854	,684

a. Wilcoxon Signed Ranks Test

b. Based on positive ranks.

c. Based on negative ranks.

```
NPAR TESTS
  /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29
age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 a
ge40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age6
0 age50_59 age60 age60 (PAIRED)
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS.
```

NPar Tests

Notes

Output Created		04-OCT-2016 09:21:35
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/SPSS Files/demo_values_analysis.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	78
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 /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29 age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 age40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age60 age50_59 age60 age60 (PAIRED) /STATISTICS DESCRIPTIVES /MISSING ANALYSIS.
Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,00
	Number of Cases Allowed[a]	71493

a. Based on availability of workspace memory.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
age20	19	.12632	.034353	.030	.150
age20_29	78	.12090	.031712	.000	.210
age30_39	13	.11000	.052281	.000	.150
age40_49	13	.10846	.019081	.080	.130
age50_59	7	.11571	.043916	.030	.150
age60	5	.10400	.037815	.070	.150

Wilcoxon Signed Ranks Test (31 - CMYK)

Ranks

		N	Mean Rank	Sum of Ranks
age20_29 - age20	Negative Ranks	8[a]	8,06	64,50
	Positive Ranks	7[b]	7,93	55,50
	Ties	4[c]		
	Total	19		
age30_39 - age20	Negative Ranks	6[d]	5,42	32,50
	Positive Ranks	3[e]	4,17	12,50
	Ties	4[f]		
	Total	13		
age40_49 - age20	Negative Ranks	10[g]	7,45	74,50
	Positive Ranks	3[h]	5,50	16,50
	Ties	0[i]		
	Total	13		
age50_59 - age20	Negative Ranks	3[j]	3,50	10,50
	Positive Ranks	3[k]	3,50	10,50
	Ties	1[l]		
	Total	7		
age60 - age20	Negative Ranks	4[m]	2,50	10,00
	Positive Ranks	0[n]	,00	,00
	Ties	1[o]		
	Total	5		
age30_39 - age20_29	Negative Ranks	5[p]	6,00	30,00
	Positive Ranks	4[q]	3,75	15,00
	Ties	4[r]		
	Total	13		
age40_49 - age20_29	Negative Ranks	8[s]	7,75	62,00
	Positive Ranks	4[t]	4,00	16,00
	Ties	1[u]		
	Total	13		
age50_59 - age20_29	Negative Ranks	3[v]	2,67	8,00
	Positive Ranks	2[w]	3,50	7,00

Ranks

		N	Mean Rank	Sum of Ranks
	Ties	2[x]		
	Total	7		
age60 - age20_29	Negative Ranks	4[y]	3,50	14,00
	Positive Ranks	1[z]	1,00	1,00
	Ties	0[aa]		
	Total	5		
age40_49 - age30_39	Negative Ranks	8[ab]	5,25	42,00
	Positive Ranks	3[ac]	8,00	24,00
	Ties	2[ad]		
	Total	13		
age50_59 - age30_39	Negative Ranks	4[ae]	3,88	15,50
	Positive Ranks	2[af]	2,75	5,50
	Ties	1[ag]		
	Total	7		
age60 - age30_39	Negative Ranks	3[ah]	2,83	8,50
	Positive Ranks	1[ai]	1,50	1,50
	Ties	1[aj]		
	Total	5		
age50_59 - age40_49	Negative Ranks	3[ak]	3,50	10,50
	Positive Ranks	4[al]	4,38	17,50
	Ties	0[am]		
	Total	7		
age60 - age40_49	Negative Ranks	2[an]	3,25	6,50
	Positive Ranks	2[ao]	1,75	3,50
	Ties	1[ap]		
	Total	5		
age60 - age50_59	Negative Ranks	3[aq]	3,00	9,00
	Positive Ranks	2[ar]	3,00	6,00
	Ties	0[as]		
	Total	5		

a. age20_29 < age20
b. age20_29 > age20
c. age20_29 = age20
d. age30_39 < age20
e. age30_39 > age20
f. age30_39 = age20
g. age40_49 < age20
h. age40_49 > age20
i. age40_49 = age20
j. age50_59 < age20
k. age50_59 > age20
l. age50_59 = age20
m. age60 < age20
n. age60 > age20
o. age60 = age20
p. age30_39 < age20_29
q. age30_39 > age20_29
r. age30_39 = age20_29
s. age40_49 < age20_29
t. age40_49 > age20_29
u. age40_49 = age20_29
v. age50_59 < age20_29
w. age50_59 > age20_29
x. age50_59 = age20_29
y. age60 < age20_29
z. age60 > age20_29
aa. age60 = age20_29
ab. age40_49 < age30_39
ac. age40_49 > age30_39
ad. age40_49 = age30_39
ae. age50_59 < age30_39
af. age50_59 > age30_39
ag. age50_59 = age30_39
ah. age60 < age30_39
ai. age60 > age30_39
aj. age60 = age30_39

ak. age50_59 < age40_49

al. age50_59 > age40_49

am. age50_59 = age40_49

an. age60 < age40_49

ao. age60 > age40_49

ap. age60 = age40_49

aq. age60 < age50_59

ar. age60 > age50_59

as. age60 = age50_59

Test Statistics[a]

	age20_29 - age20	age30_39 - age20	age40_49 - age20	age50_59 - age20	age60 - age20
Z	-,257[b]	-1,186[b]	-2,037[b]	,000[c]	-1,826[b]
Asymp. Sig. (2-tailed)	,797	,236	,042	1,000	,068

Test Statistics[a]

	age30_39 - age20_29	age40_49 - age20_29	age50_59 - age20_29	age60 - age20_29	age40_49 - age30_39
Z	-,892[b]	-1,821[b]	-,135[b]	-1,761[b]	-,803[b]
Asymp. Sig. (2-tailed)	,373	,069	,892	,078	,422

Test Statistics[a]

	age50_59 - age30_39	age60 - age30_39	age50_59 - age40_49	age60 - age40_49	age60 - age50_59
Z	-1,051[b]	-1,289[b]	-,594[d]	-,552[b]	-,406[b]
Asymp. Sig. (2-tailed)	,293	,197	,553	,581	,684

a. Wilcoxon Signed Ranks Test

b. Based on positive ranks.

c. The sum of negative ranks equals the sum of positive ranks.

d. Based on negative ranks.

```
 NPAR TESTS
  /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29
age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 a
ge40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age6
0 age50_59 age60 age60 (PAIRED)
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS.
```

NPar Tests

Notes

Output Created		04-OCT-2016 09:23:53
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/SPSS Files/demo_values_analysis.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	78
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 /WILCOXON=age20 age20 age20 age20 age20 age20_29 age20_29 age20_29 age20_29 age30_39 age30_39 age30_39 age40_49 age40_49 age50_59 WITH age20_29 age30_39 age40_49 age50_59 age60 age30_39 age40_49 age50_59 age60 age40_49 age50_59 age60 age50_59 age60 age60 (PAIRED) /STATISTICS DESCRIPTIVES /MISSING ANALYSIS.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed[a]	71493

a. Based on availability of workspace memory.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
age20	19	.17000	.042426	.060	.200
age20_29	78	.16321	.037015	.040	.200
age30_39	13	.15615	.053935	.050	.200
age40_49	13	.14154	.035554	.080	.180
age50_59	7	.16000	.051640	.060	.200
age60	5	.15200	.040866	.110	.200

Wilcoxon Signed Ranks Test (31 - CMYK)

Ranks

		N	Mean Rank	Sum of Ranks
age20_29 - age20	Negative Ranks	8[a]	8,25	66,00
	Positive Ranks	6[b]	6,50	39,00
	Ties	5[c]		
	Total	19		
age30_39 - age20	Negative Ranks	6[d]	5,83	35,00
	Positive Ranks	4[e]	5,00	20,00
	Ties	3[f]		
	Total	13		
age40_49 - age20	Negative Ranks	9[g]	8,44	76,00
	Positive Ranks	4[h]	3,75	15,00
	Ties	0[i]		
	Total	13		
age50_59 - age20	Negative Ranks	2[j]	3,25	6,50
	Positive Ranks	3[k]	2,83	8,50
	Ties	2[l]		
	Total	7		
age60 - age20	Negative Ranks	4[m]	2,75	11,00
	Positive Ranks	1[n]	4,00	4,00
	Ties	0[o]		
	Total	5		
age30_39 - age20_29	Negative Ranks	5[p]	5,10	25,50
	Positive Ranks	4[q]	4,88	19,50
	Ties	4[r]		
	Total	13		
age40_49 - age20_29	Negative Ranks	9[s]	6,94	62,50
	Positive Ranks	3[t]	5,17	15,50
	Ties	1[u]		
	Total	13		
age50_59 - age20_29	Negative Ranks	3[v]	2,67	8,00
	Positive Ranks	2[w]	3,50	7,00

Ranks

		N	Mean Rank	Sum of Ranks
	Ties	2[x]		
	Total	7		
age60 - age20_29	Negative Ranks	3[y]	4,00	12,00
	Positive Ranks	2[z]	1,50	3,00
	Ties	0[aa]		
	Total	5		
age40_49 - age30_39	Negative Ranks	8[ab]	6,00	48,00
	Positive Ranks	4[ac]	7,50	30,00
	Ties	1[ad]		
	Total	13		
age50_59 - age30_39	Negative Ranks	4[ae]	3,88	15,50
	Positive Ranks	2[af]	2,75	5,50
	Ties	1[ag]		
	Total	7		
age60 - age30_39	Negative Ranks	3[ah]	2,67	8,00
	Positive Ranks	1[ai]	2,00	2,00
	Ties	1[aj]		
	Total	5		
age50_59 - age40_49	Negative Ranks	2[ak]	4,00	8,00
	Positive Ranks	5[al]	4,00	20,00
	Ties	0[am]		
	Total	7		
age60 - age40_49	Negative Ranks	3[an]	3,00	9,00
	Positive Ranks	2[ao]	3,00	6,00
	Ties	0[ap]		
	Total	5		
age60 - age50_59	Negative Ranks	3[aq]	2,83	8,50
	Positive Ranks	2[ar]	3,25	6,50
	Ties	0[as]		
	Total	5		

a. age20_29 < age20
b. age20_29 > age20
c. age20_29 = age20
d. age30_39 < age20
e. age30_39 > age20
f. age30_39 = age20
g. age40_49 < age20
h. age40_49 > age20
i. age40_49 = age20
j. age50_59 < age20
k. age50_59 > age20
l. age50_59 = age20
m. age60 < age20
n. age60 > age20
o. age60 = age20
p. age30_39 < age20_29
q. age30_39 > age20_29
r. age30_39 = age20_29
s. age40_49 < age20_29
t. age40_49 > age20_29
u. age40_49 = age20_29
v. age50_59 < age20_29
w. age50_59 > age20_29
x. age50_59 = age20_29
y. age60 < age20_29
z. age60 > age20_29
aa. age60 = age20_29
ab. age40_49 < age30_39
ac. age40_49 > age30_39
ad. age40_49 = age30_39
ae. age50_59 < age30_39
af. age50_59 > age30_39
ag. age50_59 = age30_39
ah. age60 < age30_39
ai. age60 > age30_39
aj. age60 = age30_39

ak. age50_59 < age40_49

al. age50_59 > age40_49

am. age50_59 = age40_49

an. age60 < age40_49

ao. age60 > age40_49

ap. age60 = age40_49

aq. age60 < age50_59

ar. age60 > age50_59

as. age60 = age50_59

Test Statistics[a]

	age20_29 - age20	age30_39 - age20	age40_49 - age20	age50_59 - age20	age60 - age20
Z	-,851[b]	-,765[b]	-2,142[b]	-,271[c]	-,944[b]
Asymp. Sig. (2-tailed)	,395	,444	,032	,786	,345

Test Statistics[a]

	age30_39 - age20_29	age40_49 - age20_29	age50_59 - age20_29	age60 - age20_29	age40_49 - age30_39
Z	-,356[b]	-1,848[b]	-,135[b]	-1,214[b]	-,707[b]
Asymp. Sig. (2-tailed)	,722	,065	,892	,225	,480

Test Statistics[a]

	age50_59 - age30_39	age60 - age30_39	age50_59 - age40_49	age60 - age40_49	age60 - age50_59
Z	-1,051[b]	-1,134[b]	-1,016[c]	-,406[b]	-,271[b]
Asymp. Sig. (2-tailed)	,293	,257	,310	,684	,786

a. Wilcoxon Signed Ranks Test

b. Based on positive ranks.

c. Based on negative ranks.