```
GET
  FILE='C:\Users\bcumbie\Desktop\CUMBIE-AGGR-DATA.sav'.
DATASET NAME DataSet1 WINDOW=FRONT.
GET
  FILE='C:\Users\bcumbie\Desktop\CUMBIE-AGGR-DATA.sav'.

>Warning # 67.  Command name: GET FILE
>The document is already in use by another user or process.  If you make
>changes to the document they may overwrite changes made by others or your
>changes may be overwritten by others.
>File opened C:\Users\bcumbie\Desktop\CUMBIE-AGGR-DATA.sav
DATASET NAME DataSet2 WINDOW=FRONT.
NPAR TESTS
  /WILCOXON=PrCh WITH PsCh (PAIRED)
  /MISSING ANALYSIS.
```

## NPar Tests

[DataSet2]

## Wilcoxon Signed Ranks Test

### Ranks

|  |  | N | Mean Rank | Sum of Ranks |
|---|---|---|---|---|
| PsCh - PrCh | Negative Ranks | 40[a] | 31.11 | 1244.50 |
|  | Positive Ranks | 19[b] | 27.66 | 525.50 |
|  | Ties | 22[c] |  |  |
|  | Total | 81 |  |  |

a. PsCh < PrCh

b. PsCh > PrCh

c. PsCh = PrCh

### Test Statistics[a]

|  | PsCh - PrCh |
|---|---|
| Z | -2.718[b] |
| Asymp. Sig. (2-tailed) | .007 |

a. Wilcoxon Signed Ranks Test

b. Based on positive ranks.

```
NEW FILE.
DATASET NAME DataSet3 WINDOW=FRONT.
DATASET ACTIVATE DataSet1.
DATASET CLOSE DataSet2.
NPAR TESTS
  /WILCOXON=PrGetAlong PrWork PrHelp WITH PsGetAlong PsWork PsHelp (PAIRED)
  /STATISTICS DESCRIPTIVES QUARTILES
  /MISSING ANALYSIS.
```

## NPar Tests

### Descriptive Statistics

| | N | Mean | Std. Deviation | Minimum | Maximum | Percentiles 25th | Percentiles 50th (Median) |
|---|---|---|---|---|---|---|---|
| PrGetAlong | 81 | 2.1235 | .85707 | 1.00 | 4.00 | 1.0000 | 2.0000 |
| PrWork | 81 | 2.1358 | .83296 | 1.00 | 4.00 | 1.0000 | 2.0000 |
| PrHelp | 81 | 2.0123 | .81385 | 1.00 | 4.00 | 1.0000 | 2.0000 |
| PsGetAlong | 81 | 1.7284 | .75849 | 1.00 | 4.00 | 1.0000 | 2.0000 |
| PsWork | 81 | 1.7284 | .77480 | 1.00 | 4.00 | 1.0000 | 2.0000 |
| PsHelp | 81 | 1.6790 | .78783 | 1.00 | 4.00 | 1.0000 | 2.0000 |

### Descriptive Statistics

| | Percentiles 75th |
|---|---|
| PrGetAlong | 3.0000 |
| PrWork | 3.0000 |
| PrHelp | 3.0000 |
| PsGetAlong | 2.0000 |
| PsWork | 2.0000 |
| PsHelp | 2.0000 |

## Wilcoxon Signed Ranks Test

## Ranks

| | | N | Mean Rank | Sum of Ranks |
|---|---|---|---|---|
| PsGetAlong - PrGetAlong | Negative Ranks | 33[a] | 22.59 | 745.50 |
| | Positive Ranks | 9[b] | 17.50 | 157.50 |
| | Ties | 39[c] | | |
| | Total | 81 | | |
| PsWork - PrWork | Negative Ranks | 33[d] | 24.33 | 803.00 |
| | Positive Ranks | 11[e] | 17.00 | 187.00 |
| | Ties | 37[f] | | |
| | Total | 81 | | |
| PsHelp - PrHelp | Negative Ranks | 30[g] | 22.47 | 674.00 |
| | Positive Ranks | 11[h] | 17.00 | 187.00 |
| | Ties | 40[i] | | |
| | Total | 81 | | |

a. PsGetAlong < PrGetAlong

b. PsGetAlong > PrGetAlong

c. PsGetAlong = PrGetAlong

d. PsWork < PrWork

e. PsWork > PrWork

f. PsWork = PrWork

g. PsHelp < PrHelp

h. PsHelp > PrHelp

i. PsHelp = PrHelp

## Test Statistics[a]

| | PsGetAlong - PrGetAlong | PsWork - PrWork | PsHelp - PrHelp |
|---|---|---|---|
| Z | -3.940[b] | -3.801[b] | -3.378[b] |
| Asymp. Sig. (2-tailed) | .000 | .000 | .001 |

a. Wilcoxon Signed Ranks Test

b. Based on positive ranks.