

## Clusters Descriptives

\$vars

|  |                                  |
|--|----------------------------------|
| [1] "Weight (kgs)_First Visit"         | "Age"                            |
| [3] "Sagittal Balance"                 | "Coronal Balance (C7PL to CSVL)" |
| [5] "Static Major curve Cobb angle"    | "Pelvic Tilt"                    |
| [7] "ODI - Score (%)"                  | "SRS22 - Function / Activity"    |
| [9] "SRS22 - Mental health"            | "SRS22 - Pain"                   |
| [11] "SRS22 - Self image / Appearance" | "SRS22 - SRS Subtotal score"     |

Initial Patients: 372

Number of patients

|    | cluster | N   |
|----|---------|-----|
| 1: | 1       | 205 |
| 2: | 2       | 63  |
| 3: | 3       | 104 |

## Statistics

### ODI

ODI stats overall

|    | mean     | sd       |
|----|----------|----------|
| 1: | 37.26197 | 19.77577 |

ODI stats by cluster

|    | cluster | mean     | sd       |
|----|---------|----------|----------|
| 1: | 1       | 40.27363 | 14.03138 |
| 2: | 2       | 61.84483 | 11.19649 |
| 3: | 3       | 16.10417 | 11.27314 |

### 3CO: all vs each cluster

|    | cluster | p.val       |
|----|---------|-------------|
| 1: | 1       | 0.941170797 |
| 2: | 2       | 0.009524567 |
| 3: | 3       | 0.012853253 |

### Pelvic fixation: all vs each cluster

|    | cluster | p.val        |
|----|---------|--------------|
| 1: | 1       | 7.675105e-02 |
| 2: | 2       | 4.514302e-04 |
| 3: | 3       | 4.518601e-09 |

### P-value ASA 1 cluster vs cluster

|    | treatment | asa_1 | N   |
|----|-----------|-------|-----|
| 1: | 1         | 39    | 205 |
| 2: | 2         | 7     | 63  |
| 3: | 3         | 66    | 104 |

P-values Treatment 1 vs Treatment 2

[1] 0.2055715

P-values Treatment 1 vs Treatment 3

[1] 1.774504e-14

P-values Treatment 2 vs Treatment 3

[1] 1.12102e-10

### P-value ASA 3 cluster vs cluster

|    | treatment | asa_3 | N   |
|----|-----------|-------|-----|
| 1: | 1         | 37    | 205 |
| 2: | 2         | 16    | 63  |
| 3: | 3         | 4     | 104 |

P-values Treatment 1 vs Treatment 2

[1] 0.2714116

P-values Treatment 1 vs Treatment 3

[1] 0.0009662313

P-values Treatment 2 vs Treatment 3

[1] 9.167044e-05

### P-value Prior Spine Surgery Yes cluster vs cluster

|    | treatment | prior_yes | N   |
|----|-----------|-----------|-----|
| 1: | 1         | 66        | 205 |
| 2: | 2         | 34        | 63  |
| 3: | 3         | 17        | 104 |

P-values Treatment 1 vs Treatment 2

[1] 0.002917531

P-values Treatment 1 vs Treatment 3

[1] 0.004591781

P-values Treatment 2 vs Treatment 3

[1] 7.685231e-07

### 3CO cluster vs cluster

|    | treatment | prior_yes | N   |
|----|-----------|-----------|-----|
| 1: | 1         | 31        | 205 |
| 2: | 2         | 18        | 63  |
| 3: | 3         | 5         | 104 |

P-values Treatment 1 vs Treatment 2

[1] 0.02580586

P-values Treatment 1 vs Treatment 3

[1] 0.01303575

P-values Treatment 2 vs Treatment 3

[1] 4.357196e-05

### Pelvic Fixation cluster vs cluster

|    | treatment | prior_yes | N   |
|----|-----------|-----------|-----|
| 1: | 1         | 90        | 205 |
| 2: | 2         | 38        | 63  |
| 3: | 3         | 6         | 104 |

P-values Treatment 1 vs Treatment 2

[1] 0.03258762

P-values Treatment 1 vs Treatment 3

[1] 1.886229e-11

P-values Treatment 2 vs Treatment 3

[1] 3.59253e-14

### Quality of Life change with respect baseline

[1] "ODI - Score (%)"

|                     | All.mean | All.sd | All.effect_size | 1.mean | 1.sd  | 1.effect_size |
|---------------------|----------|--------|-----------------|--------|-------|---------------|
| 6M. ODI - Score (%) | -9.61    | 17.12  | -0.56           | -12.31 | 16.04 | -0.77         |
| 1Y. ODI - Score (%) | -12.09   | 15.37  | -0.79           | -14.21 | 15.28 | -0.93         |
| 2Y. ODI - Score (%) | -9.90    | 16.72  | -0.59           | -12.49 | 18.00 | -0.69         |
| 5Y. ODI - Score (%) | -9.47    | 17.74  | -0.53           | -10.74 | 19.07 | -0.56         |

|                     | 2.mean              | 2.sd        | 2.effect_size       | 3.mean              | 3.sd   | 3.effect_size |
|---------------------|---------------------|-------------|---------------------|---------------------|--------|---------------|
| 6M. ODI - Score (%) | -16.40              | 18.96       | -0.87               | 0.79                | 13.58  | 0.06          |
| 1Y. ODI - Score (%) | -18.86              | 14.93       | -1.26               | -3.56               | 12.03  | -0.30         |
| 2Y. ODI - Score (%) | -10.90              | 17.19       | -0.63               | -3.78               | 11.35  | -0.33         |
| 5Y. ODI - Score (%) | -12.41              | 17.71       | -0.70               | -4.25               | 12.67  | -0.34         |
|                     | p.val_1.2           | p.val_1.3   | p.val_1.all         | p.val_1.vs_the_rest |        |               |
| 6M. ODI - Score (%) | 0.1600              | 0.0000      | 0.0762              |                     | 0.0011 |               |
| 1Y. ODI - Score (%) | 0.0533              | 0.0000      | 0.1363              |                     | 0.0041 |               |
| 2Y. ODI - Score (%) | 0.5632              | 0.0000      | 0.1099              |                     | 0.0008 |               |
| 5Y. ODI - Score (%) | 0.6182              | 0.0058      | 0.5169              |                     | 0.1488 |               |
|                     | p.val_2.3           | p.val_2.all | p.val_2.vs_the_rest | p.val_3.all         |        |               |
| 6M. ODI - Score (%) | 0.0000              | 0.0180      |                     | 0.0053              | 0.0000 |               |
| 1Y. ODI - Score (%) | 0.0000              | 0.0038      |                     | 0.0008              | 0.0000 |               |
| 2Y. ODI - Score (%) | 0.0095              | 0.6946      |                     | 0.6440              | 0.0001 |               |
| 5Y. ODI - Score (%) | 0.0185              | 0.3538      |                     | 0.2786              | 0.0120 |               |
|                     | p.val_3.vs_the_rest | p.val_all   |                     |                     |        |               |
| 6M. ODI - Score (%) |                     | 0.0000      | 0.0000              |                     |        |               |
| 1Y. ODI - Score (%) |                     | 0.0000      | 0.0000              |                     |        |               |
| 2Y. ODI - Score (%) |                     | 0.0000      | 0.0003              |                     |        |               |
| 5Y. ODI - Score (%) |                     | 0.0022      | 0.0360              |                     |        |               |

[1] "SRS22 - Function / Activity"

|                                 | All.mean            | All.sd              | All.effect_size | 1.mean        | 1.sd       |
|---------------------------------|---------------------|---------------------|-----------------|---------------|------------|
| 6M. SRS22 - Function / Activity | 0.17                | 0.75                |                 | 0.22          | 0.26 0.71  |
| 1Y. SRS22 - Function / Activity | 0.32                | 0.69                |                 | 0.46          | 0.40 0.69  |
| 2Y. SRS22 - Function / Activity | 0.37                | 0.71                |                 | 0.52          | 0.38 0.76  |
| 5Y. SRS22 - Function / Activity | 0.42                | 0.78                |                 | 0.54          | 0.50 0.80  |
|                                 | 1.effect_size       | 2.mean              | 2.sd            | 2.effect_size | 3.mean     |
| 6M. SRS22 - Function / Activity | 0.36                | 0.46                | 0.69            |               | 0.66 -0.21 |
| 1Y. SRS22 - Function / Activity | 0.58                | 0.45                | 0.65            |               | 0.70 0.07  |
| 2Y. SRS22 - Function / Activity | 0.50                | 0.49                | 0.63            |               | 0.78 0.27  |
| 5Y. SRS22 - Function / Activity | 0.63                | 0.49                | 0.91            |               | 0.54 0.18  |
|                                 | 3.sd                | 3.effect_size       | p.val_1.2       | p.val_1.3     |            |
| 6M. SRS22 - Function / Activity | 0.73                | -0.28               | 0.0661          | 0.0000        |            |
| 1Y. SRS22 - Function / Activity | 0.67                | 0.10                | 0.6019          | 0.0002        |            |
| 2Y. SRS22 - Function / Activity | 0.63                | 0.42                | 0.2689          | 0.2138        |            |
| 5Y. SRS22 - Function / Activity | 0.60                | 0.30                | 0.9226          | 0.0018        |            |
|                                 | p.val_1.all         | p.val_1.vs_the_rest | p.val_2.3       |               |            |
| 6M. SRS22 - Function / Activity | 0.1778              |                     | 0.0146          | 0.0000        |            |
| 1Y. SRS22 - Function / Activity | 0.2004              |                     | 0.0152          | 0.0009        |            |
| 2Y. SRS22 - Function / Activity | 0.8728              |                     | 0.7489          | 0.0424        |            |
| 5Y. SRS22 - Function / Activity | 0.3329              |                     | 0.0451          | 0.0685        |            |
|                                 | p.val_2.all         | p.val_2.vs_the_rest | p.val_3.all     |               |            |
| 6M. SRS22 - Function / Activity | 0.0057              |                     | 0.0012          | 0.0000        |            |
| 1Y. SRS22 - Function / Activity | 0.1646              |                     | 0.1028          | 0.0023        |            |
| 2Y. SRS22 - Function / Activity | 0.1883              |                     | 0.1222          | 0.2083        |            |
| 5Y. SRS22 - Function / Activity | 0.6806              |                     | 0.6278          | 0.0098        |            |
|                                 | p.val_3.vs_the_rest | p.val_all           |                 |               |            |
| 6M. SRS22 - Function / Activity |                     | 0.0000              | 0.0000          |               |            |
| 1Y. SRS22 - Function / Activity |                     | 0.0001              | 0.0003          |               |            |
| 2Y. SRS22 - Function / Activity |                     | 0.1015              | 0.1776          |               |            |

5Y. SRS22 - Function / Activity 0.0014 0.0228

[1] "SRS22 - Pain"

|                  | All.mean            | All.sd              | All.effect_size     | 1.mean    | 1.sd | 1.effect_size |           |
|------------------|---------------------|---------------------|---------------------|-----------|------|---------------|-----------|
| 6M. SRS22 - Pain | 0.82                | 0.95                | 0.86                | 1.00      | 0.89 | 1.12          |           |
| 1Y. SRS22 - Pain | 0.94                | 0.93                | 1.01                | 1.09      | 0.91 | 1.20          |           |
| 2Y. SRS22 - Pain | 0.88                | 0.99                | 0.88                | 1.03      | 1.01 | 1.02          |           |
| 5Y. SRS22 - Pain | 0.78                | 1.06                | 0.74                | 0.88      | 1.08 | 0.81          |           |
|                  | 2.mean              | 2.sd                | 2.effect_size       | 3.mean    | 3.sd | 3.effect_size | p.val_1.2 |
| 6M. SRS22 - Pain | 1.24                | 0.85                | 1.46                | 0.18      | 0.84 | 0.21          | 0.0719    |
| 1Y. SRS22 - Pain | 1.13                | 0.85                | 1.33                | 0.51      | 0.89 | 0.58          | 0.7710    |
| 2Y. SRS22 - Pain | 0.98                | 0.93                | 1.05                | 0.50      | 0.88 | 0.56          | 0.6980    |
| 5Y. SRS22 - Pain | 0.93                | 1.10                | 0.85                | 0.45      | 0.94 | 0.48          | 0.8022    |
|                  | p.val_1.3           | p.val_1.all         | p.val_1.vs_the_rest | p.val_2.3 |      |               |           |
| 6M. SRS22 - Pain | 0.0000              | 0.0340              | 0.0001              | 0.0000    |      |               |           |
| 1Y. SRS22 - Pain | 0.0000              | 0.0776              | 0.0009              | 0.0001    |      |               |           |
| 2Y. SRS22 - Pain | 0.0000              | 0.0910              | 0.0010              | 0.0026    |      |               |           |
| 5Y. SRS22 - Pain | 0.0065              | 0.4086              | 0.0888              | 0.0327    |      |               |           |
|                  | p.val_2.all         | p.val_2.vs_the_rest | p.val_3.all         |           |      |               |           |
| 6M. SRS22 - Pain | 0.0013              | 0.0002              | 0.0000              |           |      |               |           |
| 1Y. SRS22 - Pain | 0.1405              | 0.0841              | 0.0001              |           |      |               |           |
| 2Y. SRS22 - Pain | 0.4669              | 0.3908              | 0.0005              |           |      |               |           |
| 5Y. SRS22 - Pain | 0.4568              | 0.3833              | 0.0218              |           |      |               |           |
|                  | p.val_3.vs_the_rest | p.val_all           |                     |           |      |               |           |
| 6M. SRS22 - Pain | 0.000               | 0.0000              |                     |           |      |               |           |
| 1Y. SRS22 - Pain | 0.000               | 0.0000              |                     |           |      |               |           |
| 2Y. SRS22 - Pain | 0.000               | 0.0001              |                     |           |      |               |           |
| 5Y. SRS22 - Pain | 0.004               | 0.0246              |                     |           |      |               |           |

[1] "SRS22 - Self image / Appearance"

|                                     | All.mean      | All.sd      | All.effect_size     | 1.mean        | 1.sd |  |
|-------------------------------------|---------------|-------------|---------------------|---------------|------|--|
| 6M. SRS22 - Self image / Appearance | 1.08          | 0.97        | 1.11                | 1.05          | 0.99 |  |
| 1Y. SRS22 - Self image / Appearance | 1.13          | 0.88        | 1.28                | 1.15          | 0.88 |  |
| 2Y. SRS22 - Self image / Appearance | 1.03          | 0.97        | 1.06                | 1.00          | 1.01 |  |
| 5Y. SRS22 - Self image / Appearance | 0.97          | 0.91        | 1.07                | 0.97          | 0.96 |  |
|                                     | 1.effect_size | 2.mean      | 2.sd                | 2.effect_size |      |  |
| 6M. SRS22 - Self image / Appearance | 1.07          | 1.26        | 1.00                | 1.25          |      |  |
| 1Y. SRS22 - Self image / Appearance | 1.30          | 1.17        | 0.84                | 1.40          |      |  |
| 2Y. SRS22 - Self image / Appearance | 0.99          | 0.94        | 0.93                | 1.01          |      |  |
| 5Y. SRS22 - Self image / Appearance | 1.01          | 0.90        | 0.89                | 1.01          |      |  |
|                                     | 3.mean        | 3.sd        | 3.effect_size       | p.val_1.2     |      |  |
| 6M. SRS22 - Self image / Appearance | 1.01          | 0.91        | 1.12                | 0.1801        |      |  |
| 1Y. SRS22 - Self image / Appearance | 1.07          | 0.92        | 1.16                | 0.8318        |      |  |
| 2Y. SRS22 - Self image / Appearance | 1.13          | 0.91        | 1.24                | 0.6643        |      |  |
| 5Y. SRS22 - Self image / Appearance | 1.03          | 0.81        | 1.28                | 0.6628        |      |  |
|                                     | p.val_1.3     | p.val_1.all | p.val_1.vs_the_rest |               |      |  |
| 6M. SRS22 - Self image / Appearance | 0.7398        | 0.7878      | 0.6064              |               |      |  |
| 1Y. SRS22 - Self image / Appearance | 0.5165        | 0.8420      | 0.7077              |               |      |  |

|                                     |             |                     |                     |
|-------------------------------------|-------------|---------------------|---------------------|
| 2Y. SRS22 - Self image / Appearance | 0.2992      | 0.7930              | 0.6096              |
| 5Y. SRS22 - Self image / Appearance | 0.6590      | 0.9786              | 0.9543              |
|                                     | p.val_2.3   | p.val_2.all         | p.val_2.vs_the_rest |
| 6M. SRS22 - Self image / Appearance | 0.1392      | 0.2120              | 0.1382              |
| 1Y. SRS22 - Self image / Appearance | 0.4898      | 0.7234              | 0.6772              |
| 2Y. SRS22 - Self image / Appearance | 0.2305      | 0.5218              | 0.4494              |
| 5Y. SRS22 - Self image / Appearance | 0.4679      | 0.6332              | 0.5770              |
|                                     | p.val_3.all | p.val_3.vs_the_rest | p.val_all           |
| 6M. SRS22 - Self image / Appearance | 0.5601      | 0.4479              | 0.2905              |
| 1Y. SRS22 - Self image / Appearance | 0.5834      | 0.4654              | 0.7388              |
| 2Y. SRS22 - Self image / Appearance | 0.3527      | 0.2229              | 0.4581              |
| 5Y. SRS22 - Self image / Appearance | 0.6453      | 0.5635              | 0.7903              |

[1] "SRS22 - Mental health"

|                           | All.mean            | All.sd      | All.effect_size     | 1.mean        | 1.sd   |      |
|---------------------------|---------------------|-------------|---------------------|---------------|--------|------|
| 6M. SRS22 - Mental health | 0.37                | 0.81        | 0.45                | 0.35          | 0.84   |      |
| 1Y. SRS22 - Mental health | 0.43                | 0.78        | 0.55                | 0.44          | 0.77   |      |
| 2Y. SRS22 - Mental health | 0.34                | 0.82        | 0.42                | 0.34          | 0.81   |      |
| 5Y. SRS22 - Mental health | 0.34                | 0.79        | 0.43                | 0.36          | 0.86   |      |
|                           | 1.effect_size       | 2.mean      | 2.sd                | 2.effect_size | 3.mean | 3.sd |
| 6M. SRS22 - Mental health | 0.41                | 0.65        | 0.84                | 0.78          | 0.24   | 0.69 |
| 1Y. SRS22 - Mental health | 0.57                | 0.63        | 0.92                | 0.68          | 0.30   | 0.70 |
| 2Y. SRS22 - Mental health | 0.42                | 0.45        | 0.89                | 0.50          | 0.28   | 0.78 |
| 5Y. SRS22 - Mental health | 0.42                | 0.27        | 0.80                | 0.33          | 0.33   | 0.60 |
|                           | 3.effect_size       | p.val_1.2   | p.val_1.3           | p.val_1.all   |        |      |
| 6M. SRS22 - Mental health | 0.34                | 0.0204      | 0.2564              | 0.7751        |        |      |
| 1Y. SRS22 - Mental health | 0.42                | 0.1792      | 0.1377              | 0.9172        |        |      |
| 2Y. SRS22 - Mental health | 0.36                | 0.4285      | 0.5620              | 0.9827        |        |      |
| 5Y. SRS22 - Mental health | 0.55                | 0.5456      | 0.7952              | 0.8127        |        |      |
|                           | p.val_1.vs_the_rest | p.val_2.3   | p.val_2.all         |               |        |      |
| 6M. SRS22 - Mental health | 0.5776              | 0.0027      | 0.0230              |               |        |      |
| 1Y. SRS22 - Mental health | 0.8471              | 0.0280      | 0.1486              |               |        |      |
| 2Y. SRS22 - Mental health | 0.9677              | 0.2568      | 0.4149              |               |        |      |
| 5Y. SRS22 - Mental health | 0.5992              | 0.6820      | 0.6217              |               |        |      |
|                           | p.val_2.vs_the_rest | p.val_3.all | p.val_3.vs_the_rest |               |        |      |
| 6M. SRS22 - Mental health | 0.0071              | 0.1293      | 0.0517              |               |        |      |
| 1Y. SRS22 - Mental health | 0.0865              | 0.1275      | 0.0476              |               |        |      |
| 2Y. SRS22 - Mental health | 0.3324              | 0.5182      | 0.3953              |               |        |      |
| 5Y. SRS22 - Mental health | 0.5633              | 0.9419      | 0.9288              |               |        |      |
|                           | p.val_all           |             |                     |               |        |      |
| 6M. SRS22 - Mental health | 0.0103              |             |                     |               |        |      |
| 1Y. SRS22 - Mental health | 0.0532              |             |                     |               |        |      |
| 2Y. SRS22 - Mental health | 0.4952              |             |                     |               |        |      |
| 5Y. SRS22 - Mental health | 0.8214              |             |                     |               |        |      |

[1] "SRS22 - SRS Subtotal score"

|                                | All.mean | All.sd | All.effect_size | 1.mean | 1.sd |
|--------------------------------|----------|--------|-----------------|--------|------|
| 6M. SRS22 - SRS Subtotal score | 0.60     | 0.64   | 0.94            | 0.66   | 0.63 |

|                                |                     |                     |             |               |        |      |
|--------------------------------|---------------------|---------------------|-------------|---------------|--------|------|
| 1Y. SRS22 - SRS Subtotal score | 0.70                | 0.62                |             | 1.14          | 0.77   | 0.60 |
| 2Y. SRS22 - SRS Subtotal score | 0.65                | 0.68                |             | 0.96          | 0.68   | 0.73 |
| 5Y. SRS22 - SRS Subtotal score | 0.61                | 0.73                |             | 0.83          | 0.64   | 0.79 |
|                                | 1.effect_size       | 2.mean              | 2.sd        | 2.effect_size | 3.mean |      |
| 6M. SRS22 - SRS Subtotal score | 1.05                | 0.89                | 0.62        |               | 1.44   | 0.31 |
| 1Y. SRS22 - SRS Subtotal score | 1.28                | 0.84                | 0.60        |               | 1.40   | 0.49 |
| 2Y. SRS22 - SRS Subtotal score | 0.94                | 0.70                | 0.62        |               | 1.13   | 0.54 |
| 5Y. SRS22 - SRS Subtotal score | 0.81                | 0.64                | 0.69        |               | 0.92   | 0.50 |
|                                | 3.sd                | 3.effect_size       | p.val_1.2   | p.val_1.3     |        |      |
| 6M. SRS22 - SRS Subtotal score | 0.57                | 0.54                | 0.0156      | 0.0000        |        |      |
| 1Y. SRS22 - SRS Subtotal score | 0.62                | 0.79                | 0.4095      | 0.0005        |        |      |
| 2Y. SRS22 - SRS Subtotal score | 0.60                | 0.91                | 0.8242      | 0.0994        |        |      |
| 5Y. SRS22 - SRS Subtotal score | 0.58                | 0.86                | 0.9767      | 0.1544        |        |      |
|                                | p.val_1.all         | p.val_1.vs_the_rest | p.val_2.3   |               |        |      |
| 6M. SRS22 - SRS Subtotal score | 0.3536              |                     | 0.0856      | 0.0000        |        |      |
| 1Y. SRS22 - SRS Subtotal score | 0.2592              |                     | 0.0369      | 0.0010        |        |      |
| 2Y. SRS22 - SRS Subtotal score | 0.6042              |                     | 0.2992      | 0.1317        |        |      |
| 5Y. SRS22 - SRS Subtotal score | 0.6652              |                     | 0.3352      | 0.3084        |        |      |
|                                | p.val_2.all         | p.val_2.vs_the_rest | p.val_3.all |               |        |      |
| 6M. SRS22 - SRS Subtotal score | 0.0021              |                     | 0.0003      | 0.0000        |        |      |
| 1Y. SRS22 - SRS Subtotal score | 0.1192              |                     | 0.0668      | 0.0040        |        |      |
| 2Y. SRS22 - SRS Subtotal score | 0.5428              |                     | 0.4734      | 0.1615        |        |      |
| 5Y. SRS22 - SRS Subtotal score | 0.8013              |                     | 0.7691      | 0.2268        |        |      |
|                                | p.val_3.vs_the_rest | p.val_all           |             |               |        |      |
| 6M. SRS22 - SRS Subtotal score |                     | 0.0000              | 0.0000      |               |        |      |
| 1Y. SRS22 - SRS Subtotal score |                     | 0.0001              | 0.0004      |               |        |      |
| 2Y. SRS22 - SRS Subtotal score |                     | 0.0691              | 0.2318      |               |        |      |
| 5Y. SRS22 - SRS Subtotal score |                     | 0.1352              | 0.4324      |               |        |      |

[1] "SRS22 - Satisfaction with management"

|  |               |                     |                 |        |
|--|---------------|---------------------|-----------------|--------|
|  | All.mean      | All.sd              | All.effect_size | 1.mean |
| 6M. SRS22 - Satisfaction with management | 1.15          | 1.35                | 0.86            | 1.08   |
| 1Y. SRS22 - Satisfaction with management | 1.17          | 1.26                | 0.93            | 1.11   |
| 2Y. SRS22 - Satisfaction with management | 0.95          | 1.33                | 0.71            | 0.77   |
| 5Y. SRS22 - Satisfaction with management | 0.82          | 1.23                | 0.66            | 0.86   |
|  | 1.sd          | 1.effect_size       | 2.mean          | 2.sd   |
| 6M. SRS22 - Satisfaction with management | 1.30          | 0.83                | 1.54            | 1.50   |
| 1Y. SRS22 - Satisfaction with management | 1.25          | 0.89                | 1.44            | 1.42   |
| 2Y. SRS22 - Satisfaction with management | 1.31          | 0.59                | 1.32            | 1.59   |
| 5Y. SRS22 - Satisfaction with management | 1.28          | 0.68                | 1.00            | 1.19   |
|  | 2.effect_size | 3.mean              | 3.sd            |        |
| 6M. SRS22 - Satisfaction with management | 1.02          | 1.08                | 1.35            |        |
| 1Y. SRS22 - Satisfaction with management | 1.01          | 1.14                | 1.20            |        |
| 2Y. SRS22 - Satisfaction with management | 0.83          | 1.19                | 1.15            |        |
| 5Y. SRS22 - Satisfaction with management | 0.84          | 0.54                | 1.08            |        |
|  | 3.effect_size | p.val_1.2           | p.val_1.3       |        |
| 6M. SRS22 - Satisfaction with management | 0.80          | 0.1599              | 0.9835          |        |
| 1Y. SRS22 - Satisfaction with management | 0.95          | 0.3146              | 0.9047          |        |
| 2Y. SRS22 - Satisfaction with management | 1.04          | 0.1418              | 0.0656          |        |
| 5Y. SRS22 - Satisfaction with management | 0.50          | 0.7017              | 0.2223          |        |
|  | p.val_1.all   | p.val_1.vs_the_rest |                 |        |

|  |                     |             |
|--|---------------------|-------------|
| 6M. SRS22 - Satisfaction with management | 0.6536              | 0.3823      |
| 1Y. SRS22 - Satisfaction with management | 0.7322              | 0.4958      |
| 2Y. SRS22 - Satisfaction with management | 0.2919              | 0.0300      |
| 5Y. SRS22 - Satisfaction with management | 0.7889              | 0.5044      |
|  | p.val_2.3           | p.val_2.all |
| 6M. SRS22 - Satisfaction with management | 0.2204              | 0.2253      |
| 1Y. SRS22 - Satisfaction with management | 0.3994              | 0.3892      |
| 2Y. SRS22 - Satisfaction with management | 0.7457              | 0.3043      |
| 5Y. SRS22 - Satisfaction with management | 0.2484              | 0.5953      |
|  | p.val_2.vs_the_rest | p.val_3.all |
| 6M. SRS22 - Satisfaction with management | 0.1531              | 0.7760      |
| 1Y. SRS22 - Satisfaction with management | 0.3150              | 0.8984      |
| 2Y. SRS22 - Satisfaction with management | 0.2371              | 0.2516      |
| 5Y. SRS22 - Satisfaction with management | 0.5521              | 0.2729      |
|  | p.val_3.vs_the_rest | p.val_all   |
| 6M. SRS22 - Satisfaction with management | 0.7197              | 0.2790      |
| 1Y. SRS22 - Satisfaction with management | 0.8708              | 0.5269      |
| 2Y. SRS22 - Satisfaction with management | 0.1498              | 0.0887      |
| 5Y. SRS22 - Satisfaction with management | 0.1869              | 0.4450      |

[1] "SF36 - PCS"

|                | All.mean            | All.sd      | All.effect_size     | 1.mean    | 1.sd        | 1.effect_size |           |
|----------------|---------------------|-------------|---------------------|-----------|-------------|---------------|-----------|
| 6M. SF36 - PCS | 4.46                | 8.88        | 0.50                | 6.02      | 9.48        | 0.63          |           |
| 1Y. SF36 - PCS | 5.78                | 8.87        | 0.65                | 7.44      | 9.28        | 0.80          |           |
| 2Y. SF36 - PCS | 5.59                | 9.36        | 0.60                | 7.26      | 9.12        | 0.80          |           |
| 5Y. SF36 - PCS | 5.31                | 10.16       | 0.52                | 6.56      | 10.86       | 0.60          |           |
|                | 2.mean              | 2.sd        | 2.effect_size       | 3.mean    | 3.sd        | 3.effect_size | p.val_1.2 |
| 6M. SF36 - PCS | 5.06                | 7.26        | 0.70                | 0.38      | 7.04        | 0.05          | 0.4354    |
| 1Y. SF36 - PCS | 4.58                | 7.68        | 0.60                | 2.78      | 7.70        | 0.36          | 0.0284    |
| 2Y. SF36 - PCS | 3.86                | 10.34       | 0.37                | 2.90      | 8.49        | 0.34          | 0.0335    |
| 5Y. SF36 - PCS | 3.78                | 7.81        | 0.48                | 2.96      | 9.11        | 0.32          | 0.0834    |
|                | p.val_1.3           | p.val_1.all | p.val_1.vs_the_rest | p.val_2.3 | p.val_2.all |               |           |
| 6M. SF36 - PCS | 0.0000              | 0.0705      | 0.0001              | 0.0004    | 0.5949      |               |           |
| 1Y. SF36 - PCS | 0.0000              | 0.0520      | 0.0000              | 0.1956    | 0.3163      |               |           |
| 2Y. SF36 - PCS | 0.0002              | 0.0499      | 0.0002              | 0.5765    | 0.2586      |               |           |
| 5Y. SF36 - PCS | 0.0215              | 0.2668      | 0.0114              | 0.6512    | 0.2988      |               |           |
|                | p.val_2.vs_the_rest | p.val_3.all | p.val_3.vs_the_rest | p.val_all |             |               |           |
| 6M. SF36 - PCS | 0.5351              | 0.0000      | 0.0000              | 0.0000    |             |               |           |
| 1Y. SF36 - PCS | 0.2437              | 0.0029      | 0.0001              | 0.0002    |             |               |           |
| 2Y. SF36 - PCS | 0.1796              | 0.0143      | 0.0017              | 0.0007    |             |               |           |
| 5Y. SF36 - PCS | 0.2319              | 0.1005      | 0.0410              | 0.0531    |             |               |           |

[1] "SF36 - MCS"

|                | All.mean | All.sd | All.effect_size | 1.mean | 1.sd  | 1.effect_size |  |
|----------------|----------|--------|-----------------|--------|-------|---------------|--|
| 6M. SF36 - MCS | 4.09     | 11.62  | 0.35            | 3.28   | 12.39 | 0.26          |  |
| 1Y. SF36 - MCS | 4.50     | 11.21  | 0.40            | 4.23   | 11.18 | 0.38          |  |
| 2Y. SF36 - MCS | 3.87     | 11.94  | 0.32            | 2.65   | 12.16 | 0.22          |  |
| 5Y. SF36 - MCS | 3.95     | 12.36  | 0.32            | 2.84   | 12.47 | 0.23          |  |



|     |            | 2.mean              | 2.sd        | 2.effect_size       | 3.mean    | 3.sd        | 3.effect_size | p.val_1.2 |
|-----|------------|---------------------|-------------|---------------------|-----------|-------------|---------------|-----------|
| 6M. | SF36 - MCS | 7.32                | 10.87       | 0.67                | 3.85      | 9.87        | 0.39          | 0.0244    |
| 1Y. | SF36 - MCS | 5.57                | 14.16       | 0.39                | 4.44      | 9.13        | 0.49          | 0.5384    |
| 2Y. | SF36 - MCS | 5.35                | 12.08       | 0.44                | 5.69      | 11.12       | 0.51          | 0.1560    |
| 5Y. | SF36 - MCS | 4.99                | 12.40       | 0.40                | 6.27      | 11.84       | 0.53          | 0.3576    |
|     |            | p.val_1.3           | p.val_1.all | p.val_1.vs_the_rest | p.val_2.3 | p.val_2.all |               |           |
| 6M. | SF36 - MCS | 0.6948              | 0.4724      |                     | 0.1308    | 0.0675      |               | 0.0536    |
| 1Y. | SF36 - MCS | 0.8711              | 0.7971      |                     | 0.6174    | 0.6172      |               | 0.6116    |
| 2Y. | SF36 - MCS | 0.0483              | 0.2749      |                     | 0.0306    | 0.8704      |               | 0.4123    |
| 5Y. | SF36 - MCS | 0.0789              | 0.4006      |                     | 0.0782    | 0.6283      |               | 0.6416    |
|     |            | p.val_2.vs_the_rest | p.val_3.all | p.val_3.vs_the_rest | p.val_all |             |               |           |
| 6M. | SF36 - MCS |                     | 0.0234      | 0.8523              |           | 0.8146      |               | 0.0848    |
| 1Y. | SF36 - MCS |                     | 0.5473      | 0.9635              |           | 0.9540      |               | 0.7555    |
| 2Y. | SF36 - MCS |                     | 0.3320      | 0.1993              |           | 0.0993      |               | 0.0996    |
| 5Y. | SF36 - MCS |                     | 0.5868      | 0.2054              |           | 0.1128      |               | 0.1943    |