

Analysis of the correlation between CPSI and IPSS symptom scores and the number of positive UPOINT or UPOINTS domains, assessed with 15-, 16-, 17- or 18-item questionnaires

| COHORT | STATISTICAL ANALYSIS | IPSS | | | | NIH-CPSI | | | | | | | | | | | | | | | |
|----------------------|----------------------------|----------|----------|----------|----------|----------------------|---------|---------|----------|-------------------------|----------|----------|----------|----------------------------|---------|---------|----------|--------------------|---------|---------|---------|
| | | | | | | <i>Pain Symptoms</i> | | | | <i>Voiding Symptoms</i> | | | | <i>Life Quality Impact</i> | | | | <i>Total Score</i> | | | |
| | | 15-item | 16-item | 17-item | 18-item | 15-item | 16-item | 17-item | 18-item | 15-item | 16-item | 17-item | 18-item | 15-item | 16-item | 17-item | 18-item | 15-item | 16-item | 17-item | 18-item |
| German | Kendall's tau | 0.6 | 0.6 | 0.33 | 0.33 | 0.8 | 1 | 0.86 | 0.73 | 0.2 | 0.6 | 0.6 | 0.6 | 0.8 | 0.8 | 0.86 | 0.86 | 0.6 | 1 | 0.73 | 0.73 |
| | <i>P</i> | 0.1 | 0.14 | 0.34 | 0.3 | 0.1 | 0.01 | 0.014 | 0.04 | 0.6 | 0.14 | 0.09 | 0.09 | 0.05 | 0.05 | 0.014 | 0.01 | 0.1 | 0.01 | 0.038 | 0.04 |
| | Pearson's correlat. coeff. | 0.74 | 0.59 | 0.68 | 0.60 | 0.76 | 0.98 | 0.87 | 0.89 | 0.46 | 0.78 | 0.74 | 0.72 | 0.84 | 0.94 | 0.93 | 0.89 | 0.73 | 0.96 | 0.89 | 0.87 |
| | <i>P</i> | 0.07 | 0.14 | 0.068 | 0.1 | 0.06 | 0.001 | 0.01 | 0.008 | 0.21 | 0.059 | 0.044 | 0.05 | 0.03 | 0.008 | 0.0032 | 0.008 | 0.07 | 0.004 | 0.0084 | 0.01 |
| 95% IC for the slope | -0.5/2.2 | -0.4/0.9 | -0.9/4.6 | -0.7/2.3 | -0.6/2.7 | 0.4/0.9 | 0.3-2.3 | 0.5/2.7 | -0.5/0.9 | -0.1/0.5 | -0.1/1.4 | -0.1/1.0 | -0.1/1.3 | 0.2/1.1 | 0.4/1.3 | 0.3/1.9 | -1.3/5.0 | 0.8/2.3 | 0.8/4.9 | 0.8/5.7 | |
| <i>P</i> , ANOVA | 0.15 | 0.28 | 0.13 | 0.2 | 0.13 | 0.002 | 0.021 | 0.01 | 0.43 | 0.11 | 0.04 | 0.1 | 0.07 | 0.016 | 0.006 | 0.01 | 0.15 | 0.008 | 0.016 | 0.02 | |
| Italian | Kendall's tau | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | <i>P</i> | 0.014 | 0.0048 | 0.0048 | 0.0048 | 0.014 | 0.0048 | 0.0048 | 0.0048 | 0.014 | 0.0048 | 0.0048 | 0.0048 | 0.014 | 0.0048 | 0.0048 | 0.0048 | 0.014 | 0.0048 | 0.0048 | 0.0048 |
| | Pearson's correlat. coeff. | 0.97 | 0.98 | 0.98 | 0.97 | 0.996 | 0.977 | 0.98 | 0.99 | 0.983 | 0.99 | 0.99 | 0.98 | 0.987 | 0.98 | 0.99 | 0.98 | 0.993 | 0.98 | 0.99 | 0.99 |
| | <i>P</i> | 0.001 | 0.0002 | 0.0002 | 0.0003 | 0.0001 | 0.0003 | <0.0001 | <0.0001 | 0.001 | <0.0001 | <0.0001 | <0.0001 | 0.0008 | 0.0002 | <0.0001 | 0.0001 | 0.0003 | 0.0001 | <0.0001 | <0.0001 |
| 95% IC for the slope | 1.6/3.5 | 1.7/3.0 | 1.7/2.8 | 1.6/2.9 | 1.1/1.5 | 0.7/1.4 | 0.9/1.3 | 0.9/1.2 | 0.8/1.5 | 0.8/1.1 | 0.8/1.1 | 0.8/1.2 | 0.8/1.5 | 0.7/1.2 | 0.8/1.2 | 0.8/1.3 | 2.8/4.3 | 2.4/3.7 | 2.5/3.6 | 2.6/3.7 | |
| <i>P</i> , ANOVA | 0.003 | 0.0004 | 0.0003 | 0.0006 | 0.0002 | 0.0007 | 0.0002 | <0.0001 | 0.002 | <0.0001 | 0.00001 | 0.0001 | 0.001 | 0.0005 | 0.0001 | 0.0002 | 0.0006 | 0.0002 | <0.0001 | <0.0001 | |
| Merged | Kendall's tau | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | <i>P</i> | 0.01 | 0.004 | 0.0048 | 0.005 | 0.01 | 0.005 | 0.0048 | 0.005 | 0.01 | 0.005 | 0.0048 | 0.005 | 0.01 | 0.005 | 0.0048 | 0.005 | 0.01 | 0.005 | 0.0048 | 0.005 |
| | Pearson's correlat. coeff. | 0.95 | 0.95 | 0.95 | 0.95 | 0.97 | 0.97 | 0.99 | 0.98 | 0.95 | 0.99 | 0.97 | 0.97 | 0.99 | 0.97 | 0.97 | 0.96 | 0.98 | 0.98 | 0.98 | 0.97 |
| | <i>P</i> | 0.005 | 0.001 | 0.0016 | 0.001 | 0.001 | 0.0004 | <0.0001 | 0.0002 | 0.005 | <0.0001 | 0.0003 | 0.0006 | 0.0001 | 0.0004 | 0.0002 | 0.001 | 0.001 | 0.0001 | <0.0001 | 0.0004 |
| 95% IC for the slope | 0.8/3.0 | 1.2/2.9 | 0.9/2.5 | 1.06/2.6 | 0.6/1.3 | 0.6/1.2 | 0.7/1.1 | 0.8/1.3 | 0.4/1.4 | 0.7/1.05 | 0.6/1.1 | 0.6/1.2 | 0.7/0.9 | 0.6/1.07 | 0.6/1.1 | 0.6/1.4 | 1.8/3.5 | 2.1/3.2 | 2.1/3.2 | 2.1/3.4 | |
| <i>P</i> , ANOVA | 0.01 | 0.002 | 0.0032 | 0.002 | 0.004 | 0.0008 | 0.00014 | 0.0005 | 0.01 | 0.0001 | 0.00061 | 0.001 | 0.0002 | 0.0009 | 0.0005 | 0.002 | 0.002 | 0.0002 | 0.0002 | 0.0008 | |