<table>
<thead>
<tr>
<th>Author ID</th>
<th>Study Design</th>
<th>Setting</th>
<th>Population (sample size, age) and Group</th>
</tr>
</thead>
</table>
| Raichle et al. 2006 | Questionnaire to examine the psychometric properties of the Brief Pain Inventory (BPI) Interference Scale and the Graded Chronic Pain (GCP) Disability Scale as measures of pain-related interference. | US Northwest home survey questionnaire | N = 127  
Male = 92  
Female = 35  
Age range = 21 to 88;  
Mean, 48.56 years (12.95)  
Mean (SD) time post injury: 16.6(10.6) years  
High tetraplegia = 18  
Low tetraplegia = 40  
High paraplegia = 14  
Paraplegia = 42  
Low paraplegia = 11  
Missing data = 2 |
| Soler et al. 2013 | Postal surveys; Validation of Spanish MPI-SCI (MPI-SCI-S) | Guttmann Institute, Barcelona, Spain | N=126, 78M 48F  
Mean age 49.0±13.8  
Mean time since injury 11.8±10.8 yrs  
AIS-A/B/C = 78/20/28  
43 traumatic, 83 nontraumatic  
Chronic pain (>1yr) & SCI (>2yr) & pain rating of >=3 on Numerical Rating Scale |

1. RELIABILITY

<table>
<thead>
<tr>
<th>Author ID</th>
<th>Internal Consistency</th>
<th>Test-retest, inter-rater, intra-rater</th>
</tr>
</thead>
</table>
| Raichle et al. 2006 | All items show High Internal consistency (Cronbach’s alpha)  
Composite scores:  
7-item = 0.92  
10-item = 0.95  
12-item = 0.96  
Individual items*:  
General activity = 0.95  
Mood = 0.95  
Mobility = 0.95  
Normal work = 0.95  
Relationship with others = 0.95  
Sleep = 0.95  
Enjoyment of life = 0.95  
Self-care = 0.95  
Recreational activities = 0.95  
Social activities = 0.95  
Communication = 0.95  
Learning new information and skills = 0.93  
*alphas represent the internal consistency with the removal of that item. | No data available |
### 2. VALIDITY

<table>
<thead>
<tr>
<th>Author ID</th>
<th>Validity</th>
</tr>
</thead>
</table>
| Raichle et al. 2006 | Correlations (Spearman’s rho) with pain intensities*:  
7-item = 0.62  
10-item = 0.63  
12-item = 0.61  
Individual items:  
General activity = 0.51  
Mood = 0.57  
Mobility = 0.58  
Normal work = 0.50  
Relationship with others = 0.50  
Sleep = 0.50  
Enjoyment of life = 0.53  
Self-care = 0.50  
Recreational activities = 0.59  
Social activities = 0.54  
Communication = 0.43  
Learning new information and skills = 0.44  
*P<.01  
All coefficients are significant and positively associated with pain intensity (Moderate to High).  
Correlation (Spearman’s rho) with SF-36’s Mental Health scale*:  
7-item = -0.62  
10-item = -0.60  
12-item = -0.61  
Individual items:  
General activity = -0.51  
Mood = -0.65  
Mobility = -0.44  
Normal work = -0.48  
Relationship with others = -0.63  
Sleep = -0.30  
Enjoyment of life = -0.64  
Self-care = -0.41  
Recreational activities = -0.49  
Social activities = -0.58  
Communication = -0.64  
Learning new information and skills = -0.44  
*P<.01  
All coefficients are significant and negatively associated with the SF-36 subscale Mental Health. |
| Soler et al. 2013 | Pearson’s r between:  
MPI-SCI life interference subscale and BPI: 0.75, P<0.000  
MPI-SCI pain interference with activities subscale and BPI: 0.50, P<0.000 |

### 3. RESPONSIVENESS

- no data available

### 4. FLOOR/CEILING EFFECT

- no data available

### 5. INTERPRETABILITY

<table>
<thead>
<tr>
<th>Author ID</th>
<th>Interpretability</th>
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<tbody>
<tr>
<td>Articles up-to-date as of: July 2015</td>
<td></td>
</tr>
<tr>
<td>-------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Raichle et al. 2006</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mean (SD) BPI scores:</th>
<th>Mean (SD) score:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BPI composite scores</strong></td>
<td></td>
</tr>
<tr>
<td>7-item</td>
<td>3.63 (2.60)</td>
</tr>
<tr>
<td>10-item</td>
<td>3.53 (2.62)</td>
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<tr>
<td>12-item</td>
<td>3.31 (2.58)</td>
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<tr>
<td><strong>BPI individual items</strong></td>
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<tr>
<td>General activity</td>
<td>3.30 (3.05)</td>
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<tr>
<td>Mood</td>
<td>4.10 (2.96)</td>
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<tr>
<td>Mobility</td>
<td>3.45 (3.09)</td>
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<tr>
<td>Normal work</td>
<td>3.34 (3.08)</td>
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<tr>
<td>Relationships with others</td>
<td>3.06 (2.95)</td>
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<tr>
<td>Sleep</td>
<td>4.39 (3.34)</td>
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<tr>
<td>Enjoyment of life</td>
<td>4.31 (3.46)</td>
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<tr>
<td>Self-care</td>
<td>2.53 (2.82)</td>
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<tr>
<td>Recreational activities</td>
<td>3.98 (3.51)</td>
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<tr>
<td>Social activities</td>
<td>3.50 (3.44)</td>
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<tr>
<td>Communication</td>
<td>2.36 (3.02)</td>
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<tr>
<td>Learning new information &amp; skills</td>
<td>2.36 (3.12)</td>
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