**Supplement 2. Hypothesized Relationships Between 10 PROMIS CAT Domains and SF-36 Domains for the multitrait-multimethod matrix.**

| PROMIS Domains          | SF-36 Domains                  |
|-------------------------|--------------------------------|
| Physical Function       | Physical Function | Role Physical | Bodily Pain | Vitality | Role Emotional | General Health | Mental Health | Social Function |
| Physical Function       | Similar traits           | Similar Traits | Different Traits | Different Traits | Different Traits | Different Traits | Different Traits | Different Traits |
| Mobility                | Similar Traits           | Similar Traits | Different Traits | Different Traits | Different Traits | Different Traits | Different Traits | Different Traits |
| Pain Behaviour          | Different Traits           | Different Traits | Similar Traits | Different Traits | Different Traits | Different Traits | Different Traits | Different Traits |
| Pain Interference       | Different Traits           | Different Traits | Similar Traits | Different Traits | Different Traits | Different Traits | Different Traits | Different Traits |
| Fatigue                 | Different Traits           | Different Traits | Different Traits | Similar Traits | Different Traits | Different Traits | Different Traits | Different Traits |
| Anger                   | Different Traits           | Different Traits | Different Traits | Different Traits | Similar Traits | Different Traits | Similar Traits | Different Traits |
| Anxiety                 | Different Traits           | Different Traits | Different Traits | Similar Traits | Different Traits | Similar Traits | Different Traits | Different Traits |
| Depression              | Different Traits           | Different Traits | Different Traits | Similar Traits | Different Traits | Similar Traits | Different Traits | Different Traits |
| Ability to Participate in Social Roles | Different Traits | Different Traits | Different Traits | Different Traits | Different Traits | Different Traits | Different Traits | Similar Traits |
| Satisfaction with Social Roles | Different Traits | Different Traits | Different Traits | Different Traits | Different Traits | Different Traits | Different Traits | Similar Traits |