**Appendix Table F45. Correlation between intermediate and clinical outcomes in adults with knee OA**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Exposure** | **Outcomes** | **Number of hypotheses with different strength of correlation** | | | **Total number of hypotheses tested** | **% hypotheses with strong (>50%) correlation** |
| **<20%** | **20-50%** | **>50%** |
| Social isolation | Function | 2 | 3 | 0 | 5 | 0 |
| Social function | Function | 0 | 2 | 0 | 2 | 0 |
| Social function | Pain | 0 | 1 | 0 | 1 | 0 |
| Self-Efficacy | Disability | 0 | 1 | 0 | 1 | 0 |
| Self-Efficacy | Pain | 0 | 2 | 0 | 2 | 0 |
| Self-Efficacy | WOMAC-pain | 0 | 1 | 0 | 1 | 0 |
| Quality of Life | Disability | 0 | 1 | 0 | 1 | 0 |
| Quality of Life | Pain | 2 | 0 | 0 | 2 | 0 |
| Quality of Life | WOMAC-pain | 1 | 0 | 0 | 1 | 0 |
| Learned Resourcefulness | Function | 7 | 7 | 0 | 14 | 0 |
| Learned Resourcefulness | Pain | 4 | 0 | 0 | 4 | 0 |
| Irritability | Function | 1 | 1 | 0 | 2 | 0 |
| Irritability | Pain | 0 | 1 | 0 | 1 | 0 |
| Irritability | Social function | 0 | 1 | 0 | 1 | 0 |
| Helplessness | Disability | 0 | 1 | 0 | 1 | 0 |
| Helplessness | Pain | 0 | 2 | 0 | 2 | 0 |
| Helplessness | WOMAC-pain | 0 | 1 | 0 | 1 | 0 |
| Frustration | Function | 0 | 1 | 1 | 2 | 50 |
| Frustration | Pain | 0 | 1 | 0 | 1 | 0 |
| Fear Avoidance beliefs | Disability | 0 | 1 | 0 | 1 | 0 |
| Fear Avoidance beliefs | Pain | 0 | 1 | 0 | 1 | 0 |
| Fear Avoidance beliefs | Self-reported disability | 0 | 1 | 0 | 1 | 0 |
| Fatigue | Disability | 0 | 1 | 0 | 1 | 0 |
| Fatigue | Pain | 0 | 2 | 0 | 2 | 0 |
| Fatigue | WOMAC-pain | 1 | 0 | 0 | 1 | 0 |
| Energy | Function | 1 | 4 | 0 | 5 | 0 |
| Emotional reaction | Function | 2 | 3 | 0 | 5 | 0 |
| Depression | Disability | 2 | 0 | 0 | 2 | 0 |
| Depression | Function | 1 | 10 | 3 | 14 | 21 |
| Depression | Pain | 3 | 4 | 0 | 7 | 0 |
| Depression | Self-reported disability | 1 | 0 | 0 | 1 | 0 |
| Depression | WOMAC-pain | 1 | 0 | 0 | 1 | 0 |
| Cheerfulness | Disability | 0 | 2 | 0 | 2 | 0 |
| Cheerfulness | Pain | 0 | 1 | 0 | 1 | 0 |