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| --- | --- | --- | --- | --- | --- | --- | --- |
| Item | Measure | Pain catastrophizing $\hat{μ} $[CI] | Pain-related disability$\hat{μ}$ [CI] | Pain-related distress$\hat{μ}$ [CI] | Pain severity $\hat{μ} $[CI] | Pain vigilance$\hat{μ} $[CI] | Worry about pain$\hat{μ}$ [CI] |
| *When I become aware of my pain,this thought comes through my head: "I can't have a tumour, can I?"* | AEQ | 5.43[3.01 to 7.84] | -4.78\*[-7.07 to -2.50] | 4.46[2.17 to 6.75] | -4.55\*[-6.93 to -2.17] | -3.55\*[-6.04 to -1.06] | 6.49[4.57 to 8.41] |
| *When I become aware of my pain,this thought comes through my head: "I wonder if I have the same serious illness as…"* | AEQ | 4.48[1.61 to 7.35] | -7.92\*[-9.09 to -6.77] | 3.08[0.14 to 6.03] | -5.50\*[-8.01 to -2.96] | -3.09\*[-6.06 to -0.12] | 4.19[1.30 to 7.07] |
| *When I become aware of my pain,this thought comes through my head: "it isn't a serious illness, is it?"* | AEQ | 3.70[2.12 to 5.27] | -6.16\*[-7.24 to -5.07] | 3.50[1.95 to 5.04] | -4.02\*[-5.41 to -2.61] | -1.81\*[-3.36 to -0.23] | 6.21\*[4.97 to 7.44] |
| *I feel like I just want to get up and run away* | CCSI | -0.97[-3.43 to 1.47] | -4.46\*[-6.49 to -2.45] | 3.03\*[0.50 to 5.53] | -3.26[-5.59 to -0.91] | -4.94\*[-6.97 to -2.89] | 0.59[-2.12 to 3.30] |
| *I begin thinking of all the possible bad things that could go wrong in association with the pain* | CCSI | 3.93[0.89 to 6.95] | -6.57\*[-8.58 to -4.58] | 4.40[1.52 to 7.26] | -5.71\*[-8.16 to -3.24] | -4.06\*[-6.86 to -1.27] | 5.92[3.36 to 8.49] |
| *I find myself worrying about possibly dying* | CCSI | 4.14[1.53 to 6.77] | -4.46\*[-6.65 to -2.26] | 3.02[0.22 to 5.79] | -2.64\*[-5.17 to -0.12] | -1.30\*[-4.03 to 1.44] | 5.55[3.37 to 7.74] |
| *I find myself expecting the worst* | CCSI | 5.09[3.71 to 6.46] | -6.21\*[-7.25 to -5.17] | 2.87\*[1.30 to 4.41] | -4.43\*[-5.75 to -3.09] | -1.13\*[-2.74 to 0.51] | 4.98[3.59 to 6.35] |
| *I tend to think that my pain is pretty awful* | CCSI | 4.76[2.06 to 7.42] | -7.99\*[-9.35 to -6.43] | 2.75[-0.13 to 5.61] | 4.10[1.21 to 6.99] | -5.58\*[-8.02 to -3.14] | 0.45\*[-2.76 to 3.66] |
| *I can't help but concentrate on how bad the pain actually feels* | CCSI | -0.92[-4.05 to 2.21] | -7.00\*[-8.52 to -5.48] | 4.88\*[2.20 to 7.56] | 4.61\*[1.74 to 7.49] | -0.20[-3.36 to 2.92] | 1.24[-1.95 to 4.44] |
| *I find it virtually impossible to keep my mind off of my pain and how bad it hurts* | CCSI | 0.49[-2.51 to 3.49] | 0.32[-2.62 to 3.22] | 7.73\*[5.96 to 9.49] | 7.12\*[5.07 to 9.17] | 0.60[-2.39 to 3.59] | 4.76\*[2.19 to 7.33] |
| *I begin to worry that something might be seriously wrong with me* | CCSI | 2.08[-0.57 to 4.72] | -5.87\*[-7.57 to -4.18] | 2.58[-0.05 to 5.17] | -4.49\*[-6.66 to -2.31] | -2.85\*[-5.26 to -0.45] | 5.93\*[3.79 to 8.08] |
| *When I feel pain, I feel my life isn't worth living* | CSQ | 5.90[4.64 to 7.15] | -2.21\*[-3.73 to -0.67] | 8.28\*[7.58 to 8.99] | 0.54\*[-1.11 to 2.20] | -4.50\*[-5.80 to -3.17] | 3.89\*[2.35 to 5.43] |
| *When I'm in pain, I worry all the time about whether the pain will end* | PCS/CSQ | -0.29[-3.01 to 2.44] | -4.61\*[-6.82 to -2.40] | 6.02\*[4.13 to 7.91] | -1.11[-3.71 to 1.49] | -0.47[-3.18 to 2.24] | 8.44\*[7.31 to 9.57] |
| *When I'm in pain, I feel I can't go on* | PCS/CSQ | 2.31[-0.84 to 5.49] | 0.25[-3.03 to 3.50] | 7.20\*[5.17 to 9.20] | 1.07[-1.90 to 4.04] | -6.55\*[-8.51 to -4.59] | 2.24[-0.78 to 5.26] |
| *When I'm in pain, it's terrible and I think it's never going to get any better* | PCS/CSQ | 7.41[5.36 to 9.44] | -3.56\*[-6.39 to -0.75] | 7.21[5.41 to 9.00] | 4.70[2.14 to 7.26] | -1.62\*[-4.55 to 1.31] | 6.21[3.76 to 8.65] |
| *When I'm in pain, it's awful and I feel that it overwhelms me* | PCS/CSQ | 3.17[0.61 to 5.71] | 0.65[-1.85 to 3.12] | 7.02\*[5.45 to 5.59] | 5.26[3.17 to 7.35] | -3.56\*[-5.86 to -1.27] | 2.53[-0.07 to 5.12] |
| *When I'm in pain, I feel I can't stand it anymore* | PCS/CSQ | 5.49[3.37 to 7.62] | -0.49\*[-3.35 to 2.34] | 6.82[5.15 to 8.46] | 5.32[2.99 to 7.64] | -5.00\*[-7.11 to -2.88] | 1.88\*[-0.89 to 4.66] |
| *When I'm in pain, I become afraid that the pain will get worse* | PCS | 2.20[-1.04 to 5.43] | -6.99\*[-8.83 to -5.15] | 4.26[1.56 to 6.95] | 1.55[-1.50 to 4.58] | -0.17[-3.32 to 2.96] | 8.27\*[6.70 to 9.84] |
| *When I'm in pain, I keep thinking of other painful events* | PCS | -0.88[-4.05 to 2.30] | -6.40\*[-8.73 to -4.07] | 6.61\*[4.36 to 8.84] | -6.78\*[-8.85 to -4.71] | -5.82\*[-8.10 to -3.54] | 4.13\*[1.23 to 7.04] |
| *When I'm in pain, I anxiously want the pain to go away* | PCS | -6.54[-8.36 to -4.69] | -6.92[-8.85 to -4.99] | 5.61\*[3.03 to 8.18] | -3.74\*[-6.72 to -0.77] | -1.68\*[-4.79 to 1.41] | 6.27\*[3.84 to 8.71] |
| *When I'm in pain, I can't seem to keep it out of my mind* | PCS | -0.97[-3.70 to 1.77] | -0.85[-3.51 to 1.79] | 6.43\*[4.43 to 8.42] | -0.96[-3.57 to 1.66] | -1.59[-4.21 to 1.03] | 5.64\*[3.33 to 7.96] |
| *When I'm in pain, I keep thinking about how much it hurts* | PCS | 0.46[-2.53 to 3.46] | -3.22[-5.94 to -0.54] | 6.37\*[4.22 to 8.51] | 6.90\*[5.05 to 8.75] | 2.76[-0.05 to 5.57] | 7.12\*[5.29 to 8.95] |
| *When I'm in pain, I keep thinking about how badly I want the pain to stop* | PCS | -2.54[-5.43 to 0.37] | -3.41[-6.09 to -0.74] | 8.57\*[7.31 to 9.83] | 4.61\*[2.02 to 7.21] | 0.12[-2.87 to 3.11] | 5.35\*[2.84 to 7.84] |
| *When I'm in pain, there's nothing I can do to reduce the intensity of the pain* | PCS | 1.17[-1.58 to 3.92] | -2.43[-5.02 to 0.12] | 3.84[1.27 to 6.38] | 5.79\*[3.57 to 8.01] | -5.12\*[-7.24 to -3.00] | 1.94[-0.88 to 4.76] |
| *When I'm in pain, I wonder whether something serious may happen* | PCS | 3.46[1.90 to 5.01] | -6.00\*[-7.09 to -4.90] | 5.71\*[4.47 to 6.93] | -4.77\*[-6.08 to -3.44] | -1.93\*[-3.54 to -0.29] | 7.03\*[5.89 to 8.16] |
| *I often think back to the days when I had no pain* | PCL | -3.63[-6.18 to -1.05] | -4.76[-7.20 to -2.33] | -0.16\*[-3.09 to 2.76] | -2.05[-4.85 to 0.74] | -4.77[-7.13 to -2.40] | -0.40\*[-3.42 to 2.61] |
| *I focus on the pain all the time* | PCL | -3.39[-6.21 to -0.53] | -5.99[-8.30 to -3.70] | 0.99\*[-2.32 to 4.30] | -2.99[-6.03 to 0.05] | 3.85\*[0.76 to 6.93] | 5.30\*[2.65 to 7.96] |
| *I consider myself an unlucky person* | PCL | -2.01[-4.99 to 0.95] | -6.20\*[-8.26 to 4.17] | -3.45[-6.35 to -0.59] | -5.91\*[-8.12 to -3.69] | -6.40\*[-8.33 to -4.48] | -3.68[-6.35 to -1.02] |
| *I think that fate has caught up with me* | PCL | -2.60[-5.58 to 0.38] | -6.93\*[-8.55 to -5.31] | -0.35[-3.31 to 2.59] | -7.61\*[-8.91 to -6.30] | -6.38\*[-8.40 to -4.37] | 0.78[-2.15 to 3.71] |
| *The word pain frightens me* | PCL | -1.05[-3.81 to 1.72] | -5.87\*[-7.81 to -3.94] | 2.49\*[-0.28 to 5.22] | -5.52\*[-7.56 to -3.47] | -3.44[-5.96 to -0.92] | 5.79\*[3.71 to 7.86] |
| *I often think: 'Why is this happening to me?'* | PCL | -2.26[-5.26 to 0.75] | -5.16[-7.67 to -2.66] | 4.09\*[1.27 to 6.93] | -4.71[-7.43 to -1.99] | -6.09\*[-8.41 to -3.79] | 3.38\*[0.50 to 6.25] |
| *I think that, because of the pain, I have changed my view of life* | PCL | -3.53[-6.48 to -0.59] | -2.71[-5.54 to 0.10] | 0.79\*[-2.46 to 4.03] | -5.19[-7.86 to -2.51] | -3.95[-6.56 to -1.34] | -2.50[-5.60 to 0.60] |
| *I feel powerless against the pain* | PCL | -0.03[-2.95 to 2.89] | -2.28[-5.03 to 0.46] | 6.54\*[4.55 to 8.51] | 0.42[-2.40 to 3.25] | -3.35[-6.01 to -0.70] | 5.93\*[3.55 to 8.30] |
| *I think I am always very tense* | PCL | -5.51[-7.48 to -3.54] | -6.04[-7.79 to -4.30] | -0.17\*[-2.96 to 2.60] | -5.93[-7.83 to -4.02] | -3.37\*[-5.95 to -0.79] | 1.31\*[-1.33 to 3.94] |
| *I make sure I protect myself from extra pain* | PCL | -5.55[-6.64 to -4.46] | -5.40[-6.58 to -4.21] | -2.46\*[3.98 to -0.94] | -2.10\*[-3.69 to -0.52] | 6.91\*[-5.81 to 8.04] | 1.18\*[-0.41 to 2.77] |
| *I have become less able mentally* | PCL | -3.49[-5.73 to -1.27] | 2.50\*[-0.22 to 5.18] | 1.82\*[-0.69 to 4.31] | -3.43[-5.79 to -1.07] | -5.20[-7.21 to -3.18] | -1.67[-4.25 to 0.92] |
| *I consider myself to be a hopeless case* | PCL | 1.97[-1.27 to 5.22] | -4.33\*[-7.11 to -1.55] | 2.27[-0.97 to 5.50] | -5.23\*[-7.74 to -2.73] | -7.02\*[-8.89 to 5.16] | -2.37\*[-5.55 to 0.82] |
| *When the pain is very strong I get furious* | PCL | 0.80[-1.86 to 3.49] | -4.34\*[-6.66 to -2.03] | 7.05\*[-5.35 to 8.74] | 5.26\*[2.95 to 7.57] | -4.53\*[-6.73 to -2.32] | 0.09[-2.68 to 2.86] |
| *I sometimes wonder how other people cope with severe pain* | PCL | -4.21[-6.60 to -1.80] | -4.44[-7.02 to -1.88] | -0.80\*[-3.76 to 2.15] | 0.37\*[-2.61 to 3.36] | -2.77[-5.43 to -0.12] | 4.13\*[1.59 to 6.66] |
| *I cannot live without pain-killers* | PCL | 0.93[-2.29 to 4.17] | -0.55[-3.65 to 2.51] | 1.44[-1.75 to 4.62] | 4.12[1.27 to 6.98] | -0.71[-3.71 to 2.27] | 0.39[-2.62 to 3.39] |
| *I am disappointed in myself for giving in to the pain* | PCL | -4.88[-7.33 to -2.41] | -4.64[-7.16 to -2.15] | 4.57\*[1.79 to 7.35] | -4.57[-7.33 to -1.78] | -5.88[-8.25 to -3.53] | 0.59\*[-2.47 to 3.66] |
| *I cannot stand this pain any longer* | PRSS | 3.48[0.78 to 6.19] | -2.03\*[-4.82 to 0.74] | 7.11\*[-5.07 to 9.17] | 7.51\*[5.84 to 9.18] | -3.03\*[-5.66 to -0.41] | 4.35[1.70 to 6.99] |
| *No matter what I do, my pain doesn't change anyway* | PRSS | 0.85[-1.93 to 3.63] | -3.14\*[-5.64 to -0.67] | 0.56[-2.21 to 3.28] | 1.18[-1.58 to 3.93] | -1.62[-4.35 to 1.10] | -0.55[-3.35 to 2.25] |
| *I need to take some pain medication* | PRSS | -7.06[-8.68 to -5.43] | -3.57\*[-6.49 to -0.68] | -1.71\*[-4.73 to 1.30] | 2.97\*[-0.02 to 5.96] | -0.20\*[-3.43 to 3.01] | -3.09[-5.96 to -0.20] |
| *This will never end* | PRSS | 6.58[4.51 to 8.64] | -4.61\*[-7.23 to -2.00] | 5.74[3.23 to 8.24] | -0.75\*[-3.88 to 2.36] | -4.58\*[-7.28 to -1.90] | 4.75[1.91 to 7.59] |
| *I am a hopeless case* | PRSS | 1.79[-0.90 to 4.49] | -4.66\*[-6.85 to -2.52] | 2.03[-0.69 to 4.72] | -4.61\*[-6.72 to -2.50] | -5.18\*[-7.05 to -3.29] | 1.62[-1.05 to 4.30] |
| *When will it get worse again?* | PRSS | -2.26[-5.38 to 0.89] | -6.99\*[-8.91 to -5.09] | 1.58\*[-1.68 to 4.81] | -0.20[-3.33 to 2.93] | 5.58\*[3.10 to 8.03] | 7.13\*[5.16 to 9.11] |
| *This pain is killing me* | PRSS | 5.04[3.64 to 6.44] | -0.72\*[-2.35 to 0.92] | 5.76[4.46 to 7.05] | 6.73 [5.56 to 7.90] | -4.19\*[-5.59 to -2.77] | 1.89\*[0.27 to 3.51] |
| *I can't go on anymore* | PRSS | 5.92[3.60 to 8.24] | 2.58[-0.33 to 5.48] | 8.05\*[6.33 to 9.76] | 3.54[0.66 to 6.41] | -5.48\*[-7.45 to -3.52] | 3.63[0.88 to 6.38] |
| *This pain drives me crazy* | PRSS | 1.84[-1.04 to 4.73] | -0.15[-3.08 to 2.73] | 7.12\*[5.11 to 9.12] | 7.22\*[5.35 to 9.09] | -2.55\*[-5.43 to 0.33] | 2.61[-0.33 to 5.54] |