**Supplemental Table 2.** Multivariable/hierarchical regression model for total PRWHE score at baseline

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| --- | --- | --- | --- |
|  | Step 1 | Step 2 | Step 3 |
| Patient characteristics | B | 95% CI | β | p | B | 95% CI | β | p | B | 95% CI | β | p |
| Age | -0.01 | -0.16 to 0.15 | -0.09 | 0.93 | 0.04 | -0.1 to 0.19 | 0.55 | 0.58 | 0.05 | -0.09 to 0.2 | 0.71 | 0.48 |
| Gender  | -0.42 | -6.17 to 5.34 | -0.14 | 0.89 | 0.00 | -5.05 to 5.05 | 0.00 | 1.00 | -0.01 | -5.03 to 5.02 | 0.00 | 1.00 |
| Duration of symptoms | -0.08 | -0.2 to 0.03 | -1.45 | 0.15 | -0.03 | -0.14 to 0.07 | -0.64 | 0.52 | -0.03 | -0.13 to 0.07 | -0.62 | 0.54 |
| BMI  | -0.04 | -0.47 to 0.39 | -0.18 | 0.85 | -0.19 | -0.57 to 0.18 | -1.00 | 0.32 | -0.20 | -0.57 to 0.18 | -1.03 | 0.30 |
| Non-smoking | -5.58 | -10.41 to -0.75 | -2.26 | 0.02 | -3.72 | -8.02 to 0.57 | -1.70 | 0.09 | -3.27 | -7.57 to 1.02 | -1.49 | 0.14 |
| Workload (compared with non-working) |  |  |  |  |  |  |  |  |  |  |  |  |
| Light physical work | -8.58 | -14.49 to -2.68 | -2.85 | 0.00 | -5.85 | -11.16 to -0.55 | -2.16 | 0.03 | -4.88 | 10.22 to 0.47 | -1.79 | 0.08 |
| Moderate physical work | -6.42 | -12.01 to -0.84 | -2.25 | 0.03 | -5.08 | -10.1 to -0.07 | -1.99 | 0.05 | -5.15 | -10.19 to -0.11 | -2.00 | 0.05 |
| Heavy physical work | -8.08 | -15.26 to -0.91 | -2.21 | 0.03 | -7.06 | -13.48 to -0.64 | -2.16 | 0.03 | -6.82 | -13.21 to -0.43 | -2.09 | 0.04 |
| Pain Catastrophizing Scale (mean ± SD) |  |  |  |  | 2.80 | 1.51 to 4.09 | 4.26 | 0.00 | 0.23 | 0.02 to 0.44 | 0.17 | 0.03 |
| Patient Health Questionnaire-4 (mean ± SD) |  |  |  |  | -0.01 | -0.86 to 0.84 | -0.02 | 0.99 | -0.58 | -1.48 to 0.31 | -0.09 | 0.20 |
| IPQ-1 Consequences (mean ± SD)How much does your illness affect your life? |  |  |  |  |  |  |  |  | 2.73 | 1.45 to 4.02 | 0.31 | <0.01 |
| IPQ-2 Timeline (mean ± SD)How long do you think your illness will continue? |  |  |  |  |  |  |  |  | 0.00 | -0.85 to 0.86 | 0.00 | 0.99 |
| IPQ-3 Personal Control (mean ± SD)How much control do you feel you have over your illness? |  |  |  |  |  |  |  |  | -0.02 | -0.74 to 0.69 | 0.00 | 0.95 |
| IPQ-4 Treatment Control (mean ± SD)How much do you think your treatment can treatment can help your illness? |  |  |  |  |  |  |  |  | -1.27 | -2.96 to 0.42 | -0.10 | 0.14 |
| IPQ-5 Identity (mean ± SD)How much do you experience symptoms from your illness? |  |  |  |  |  |  |  |  | 0.46 | -0.37 to 1.3 | 0.07 | 0.28 |
| IPQ-6 Concern (mean ± SD)How concerned are you about your illness? |  |  |  |  |  |  |  |  | 0.29 | -0.66 to 1.23 | 0.05 | 0.55 |
| IPQ-7 Comprehension (mean ± SD)How well do you feel you understand your illness? |  |  |  |  |  |  |  |  | 0.44 | -0.56 to 1.44 | 0.06 | 0.39 |
| IPQ-8 Emotional Representation (mean ± SD)How much does your illness affect you emotionally? |  |  |  |  |  |  |  |  | 0.74 | -0.04 to 1.53 | 0.14 | 0.07 |
| R2 | 0.07 |  |  |  | 0.18 |  |  |  | 0.34 |  |  |  |