

Table 3 Adjusted multilevel logistic regression showing the effects of each prognostic indicator on treatment success (based on $P \leq 0.05$ from the univariate analysis)

| Covariates at baseline | 6 weeks | | 12 weeks | | 26 weeks | | 52 weeks | |
|--|--------------------|---------|--------------------|---------|--------------------|---------|--------------------|---------|
| | OR (95 % CI) | P-value | OR (95 % CI) | P-value | OR (95 % CI) | P-value | OR (95 % CI) | P-value |
| Age | 0.94 (0.87, 1.02) | 0.16 | 1.00 (0.94, 1.05) | 0.92 | 1.00 (0.93, 1.07) | 0.96 | 0.95 (0.89, 1.03) | 0.20 |
| Female (ref: Male) | 2.50 (0.72, 8.69) | 0.15 | 1.04 (0.37, 2.92) | 0.94 | 3.23 (1.01, 10.28) | 0.05 | 1.08 (0.37, 3.20) | 0.89 |
| On paid work | 0.87 (0.03, 21.66) | 0.93 | 0.53 (0.02, 11.42) | 0.68 | 0.53 (0.02, 11.42) | 0.68 | 0.53 (0.02, 11.41) | 0.68 |
| Manual labor | 0.66 (0.18, 2.44) | 0.53 | 2.01 (0.66, 6.12) | 0.22 | 1.78 (0.51, 6.26) | 0.37 | 0.33 (0.09, 1.13) | 0.08 |
| On paid sick leave at time of follow up | 6.15 (1.42, 26.60) | 0.02* | 5.09 (1.45, 17.88) | 0.01* | 0.71 (0.18, 2.75) | 0.62 | 0.84 (0.25, 2.80) | 0.78 |
| Similar complaints earlier | 5.94 (1.52, 23.19) | 0.01* | 0.71 (0.22, 2.32) | 0.57 | 0.20 (0.05, 0.89) | 0.03* | 0.68 (0.20, 2.36) | 0.54 |
| Probable overuse, unusual activity | 2.82 (0.77, 10.25) | 0.12 | 3.70 (1.11, 12.33) | 0.03* | 1.77 (0.50, 6.29) | 0.38 | 1.78 (0.52, 6.03) | 0.36 |
| Pain score on VAS | 1.01 (0.97, 1.05) | 0.52 | 1.00 (0.97, 1.03) | 0.89 | 0.99 (0.96, 1.02) | 0.60 | 0.99 (0.96, 1.03) | 0.71 |
| Affected function on VAS | 1.03 (0.99, 1.07) | 0.07 | 1.01 (0.98, 1.03) | 0.71 | 0.98 (0.94, 1.01) | 0.18 | 1.02 (0.98, 1.05) | 0.33 |
| Overall complaints on VAS | 1.01 (0.96, 1.05) | 0.76 | 0.98 (0.95, 1.02) | 0.31 | 1.02 (0.98, 1.06) | 0.39 | 0.97 (0.93, 1.02) | 0.24 |
| Pain Free Function Index | 0.42 (0.28, 0.63) | < 0.01* | 0.58 (0.45, 0.75) | < 0.01* | 0.52 (0.37, 0.72) | < 0.01* | 0.75 (0.61, 0.94) | 0.01* |
| Pain free isometric (wrist): ref. None <i>Some or distinct pain</i> | 0.15 (0.02, 1.10) | 0.06 | 0.49 (0.07, 3.19) | 0.45 | 0.56 (0.13, 2.39) | 0.44 | 0.22 (0.05, 1.01) | 0.06 |
| Pain free isometric(finger): ref. None <i>Some or distinct pain</i> | 0.61 (0.14, 2.75) | 0.52 | 0.67 (0.20, 2.29) | 0.53 | 0.69 (0.16, 2.87) | 0.61 | 0.50 (0.16, 1.58) | 0.24 |

*) $p < 0.05$