

ONLINE SUPPLEMENTARY MATERIAL

Supplementary Table 1.

| Table 1: Independent factors associated with absenteeism 12 months later | | | |
|---------------------------------------------------------------------------------|------------------------------------------|------------------------------|--------------------------------|
| | | GEE Linear Regression | |
| Variables in order of model entry: | | Coefficient | 95% Confidence Interval |
| Presenteeism (<i>effect per % of presenteeism</i>) | | 0.12 | (0.04, 0.20) |
| Profession (<i>labour intensive vs. sedentary</i>) | | 2.30 | (-0.42, 5.03) |
| Peripheral Joint Involvement (<i>yes vs. no</i>) | | 4.31 | (-0.42, 5.03) |
| Adjusting variables: | <i>Age (year)</i> | 0.13 | (0.005, 0.25) |
| | <i>Gender (female vs. male)</i> | 3.6 | (0.45, 6.75) |
| | <i>Deprivation (increasing quintile)</i> | 0.09 | (-0.76, 0.94) |
| | <i>Baseline absenteeism (%)</i> | 0.11 | (-0.04, 0.25) |

Supplementary Table 2.

| Table 2: Independent factors associated with presenteeism 12 months later | | | |
|----------------------------------------------------------------------------------|------------------------------------------|------------------------------|--------------------------------|
| | | GEE Linear Regression | |
| Variables in order of model entry: | | Coefficient | 95% Confidence Interval |
| BASDAI (<i>score 0-10</i>) | | 0.76 | (-0.23, 1.78) |
| Chalder fatigue (<i>score 0-11</i>) | | 0.65 | (0.12, 1.18) |
| Profession (<i>labour intensive vs. sedentary</i>) | | 3.36 | (0.61, 6.10) |
| BASFI (<i>score 0-10</i>) | | 0.86 | (-0.03, 1.75) |
| Adjusting variables: | <i>Age (year)</i> | -0.001 | (-0.12, 0.12) |
| | <i>Gender (female vs. male)</i> | 2.52 | (-0.42, 5.47) |
| | <i>Deprivation (increasing quintile)</i> | 0.79 | (-0.12, 1.70) |
| | <i>Baseline presenteeism (%)</i> | 0.37 | (0.27, 0.47) |

BASDAI – Bath Ankylosing Spondylitis Disease Activity Index, BASFI – Bath Ankylosing Spondylitis Functional Index