

Figure 1. Consolidated Standards of Reporting Trials (CONSORT) Diagram for Participant Note: ITT = Intention-to-Treat. Perprotocol (max n) = maximum number of participants at any of the follow-ups (for the ACT (plus TAU) condition this included only those who had attended ≥4 intervention sessions).

Table 1. Sociodemographic information, clinical data and screening scores for anxiety and depression in ACT (+TAU; n = 22) and TAU (n = 22).

| -                          | ACT +TAU             | TAU              | Total         |
|----------------------------|----------------------|------------------|---------------|
|                            | Mean (SD)            | Mean (SD)        | Mean (SD)     |
| Age (years)                | 48.75 (13.84)        | 51.45 (12.00)    | 50.10 (12.87) |
| Age (years)                | 40.73 (13.04)        | 31.43 (12.00)    | 30.10 (12.67) |
|                            | n (%)                | n (%)            | n (%)         |
| <u>Gender</u>              | 11 (70)              | 11 (70)          | 11 (70)       |
| Female                     | 14 (63.6)            | 13 (59.1)        | 27 (61.4)     |
| Male                       | 8 (36.4)             | • •              | • •           |
|                            | 8 (30.4)             | 9 (40.9)         | 17 (38.6)     |
| Ethnicity                  | 5 (22 T)             | 4 (4.5)          | C (42 C)      |
| Asian/Asian British        | 5 (22.7)             | 1 (4.5)          | 6 (13.6)      |
| Arab/Arab British          | 0 (0.0)              | 1 (4.5)          | 1 (2.3)       |
| Black/Black British        | 1 (4.5)              | 0 (0.0)          | 1 (2.3)       |
| Dual Heritage              | 0 (0.0)              | 2 (9.1)          | 2 (4.5)       |
| White                      | 16 (72.7)            | 18 (81.8)        | 34 (77.3)     |
| White British              | 12 (54.5)            | 13 (59.1)        | 25 (56.8)     |
| White Irish                | 1 (4.5)              | 1 (4.5)          | 2 (4.5)       |
| White Other                | 3 (13.6)             | 4 (18.2)         | 7 (15.9)      |
| <u>Employed</u>            | <u>13 (59.1)</u>     | <u>13 (59.1)</u> | 26 (59.1)     |
| Full-time employment       | 9 (40.9)             | 8 (36.4)         | 17 (38.6)     |
| Part-time employment       | 4 (18.2)             | 5 (22.7)         | 9 (20.5)      |
| Comorbid conditions        | <u>15 (68.2)</u>     | <u>17 (77.3)</u> | 32 (72.7)     |
| Anxiety disorder           | 3 (13.6)             | 4 (18.2)         | 7 (15.9)      |
| ,<br>Arthritis             | 1 (4.5)              | 5 (22.7)         | 6 (13.6)      |
| Cardiovascular disease     | 2 (9.1)              | 3 (13.6)         | 5 (11.4)      |
| Chronic pain               | 1 (4.5)              | 5 (22.7)         | 6 (13.6)      |
| Depressive disorder        | 0 (0.0)              | 2 (9.1)          | 2 (4.5)       |
| Diabetes                   | 3 (13.6)             | 1 (4.5)          | 4 (9.1)       |
| Epilepsy                   | 0 (0.0)              | 2 (9.1)          | 2 (4.5)       |
| FND                        | 0 (0.0)              | 2 (9.1)          | 2 (4.5)       |
| Migraine                   | 3 (13.6)             | 3 (13.6)         | 6 (13.6)      |
| PTSD                       | 2 (9.1)              | 1 (4.5)          | 3 (6.8)       |
| Spinal disorder symptoms   | 1 (4.5)              | 3 (13.6)         | 4 (9.1)       |
| Other                      | 13 (59.1)            | 12 (54.5)        | 25 (56.8)     |
| <u>Current medications</u> | ( <sub>1</sub>       | (5)              | (00.0)        |
| Anticonvulsive             | 2 (9.1)              | 5 (22.7)         | 7 (15.9)      |
| Antidepressive             | 2 (9.1)              | 9 (40.9)         | 11 (25.0)     |
| Antidiabetic               | 3 (13.6)             | 2 (9.1)          | 5 (11.4)      |
| Antihistamine              | 2 (9.1)              | 2 (9.1)          | 4 (9.1)       |
| Antipsychotic              | 1 (4.5)              | 0 (0.0)          | 1 (2.3)       |
| Asthma                     | 1 (4.5)              | 3 (13.6)         | 4 (9.1)       |
| Cardiovascular             | 6 (27.3)             | 7 (31.8)         | 13 (29.5)     |
| Hormone treatment          | 2 (9.1)              | 6 (27.3)         | 8 (18.2)      |
| NSAID                      | 2 (9.1)              | 1 (4.5)          | 3 (6.8)       |
| Opioid                     | 1 (4.5)              | 4 (18.2)         | 5 (11.4)      |
| Sedative                   | 1 (4.5)              | 1 (4.5)          | 2 (4.5)       |
| Schalive                   | ± ( <del>4</del> .5) | ± (4.5)          | 2 (4.5)       |

| Other                   | 8 (36.4)    | 7 (31.8)     | 15 (34.1)   |
|-------------------------|-------------|--------------|-------------|
| Signposted to IAPT      | 2 (9.1)     | 4 (18.2)     | 6 (13.6)    |
| Depression/Anxiety      | Mean (SD)   | Mean (SD)    | Mean (SD)   |
| PHQ-9 (0-27)            | 8.14 (4.16) | 10.41 (5.38) | 9.27 (4.87) |
| GAD-7 (0-21)            | 7.23 (4.50) | 8.50 (6.62)  | 7.91 (5.71) |
|                         | n (%)       | n (%)        | n (%)       |
| PHQ-9 Moderate/Severe   | 7 (31.8)    | 14 (63.6)    | 21 (47.7)   |
| GAD-7 Probable disorder | 10 (45.5)   | 12 (54.5)    | 22 (50.0)   |

Note: PTSD = Post-Traumatic Stress Disorder; FND = Functional Neurological Disorder. Spinal disorder symptoms do not include osteoarthritis; Other comorbid conditions included anaemia, asthma, irritable bowel syndrome, long Covid-19, Ehlers-Danlos syndrome, tinnitus, dyslexia, glaucoma, psoriasis, and colitis. NSAID = non-steroidal anti-inflammatory drug; Other medication included proton-pump inhibitors, stimulants, selective serotonin receptor agonists (for migraine treatment), steroid treatment, anti-nausea medication. IAPT = Improving Access to Psychological Therapies - of those signposted to IAPT, 2 TAU participants were being treated, 1 TAU participant was waiting to be seen, 2 (1 ACT +TAU participant, 1 TAU participant) had been discharged and the status of 1 ACT +TAU participant was not reported. PHQ-9 = Patient Health Questionnaire-9 (Moderate/Severe = ≥10); GAD-7 = Generalized Anxiety Disorder-7 (Probable Anxiety Disorder = ≥8).

Table 2. Adjusted descriptive statistics and between-group effect size estimates for primary and secondary outcome measures (ITT approach).

|  | ACT +TAU      | TAU           | ACT +TAU versus TAU   |
|--|---------------|---------------|-----------------------|
|  | Mean (SE)     | Mean (SE)     | Effect size (95% CI)  |
|  | Wiedii (SL)   | Wiedii (SL)   | Lifect 312e (3370 CI) |
| Primary outcome                        |               |               |                       |
| AAQ-II (7-49)                          |               |               |                       |
| Baseline                               | 21.50 (2.04)  | 20.86 (2.08)  |                       |
| Post-Treatment                         | 21.72 (2.52)  | 22.12 (2.53)  | 0.10 (-0.48,0.69)     |
| Follow-up (16 weeks)                   | 19.89 (2.07)  | 21.90 (2.15)  | 0.26 (-0.33,0.85)     |
| Follow-up (26 weeks)                   | 18.71 (2.24)  | 22.06 (2.29)  | 0.39 (-0.20,0.98)     |
| Secondary outcomes                     |               |               |                       |
| HRQoL/Functioning                      |               |               |                       |
| WHODAS 2.0 Total (0-100)               |               |               |                       |
| Baseline                               | 34.31 (4.68)  | 39.67 (4.79)  |                       |
| Post-Treatment                         | 32.79 (4.73)  | 37.23 (4.86)  | -0.05 (-0.64,0.54)    |
| Follow-up (16 weeks)                   | 32.65 (4.81)  | 37.45 (4.90)  | 0.07 (-0.52,0.66)     |
| Follow-up (26 weeks)                   | 31.27 (4.81)  | 41.92 (4.92)  | 0.30 (-0.29,0.89)     |
| ICECAP (0-20)                          |               |               |                       |
| Baseline                               | 13.46 (0.63)  | 13.19 (0.65)  |                       |
| Post-Treatment                         | 13.31 (0.65)  | 13.29 (0.68)  | -0.08 (-0.67,0.50)    |
| Follow-up (16 weeks)                   | 13.30 (0.68)  | 13.09 (0.69)  | -0.02 (-0.61,0.57)    |
| Follow-up (26 weeks)                   | 14.21 (0.68)  | 12.90 (0.69)  | 0.37 (-0.22,0.96)     |
|  |               |               |                       |
| EQ-5D-5L (Total value; -0.285 - 1.000) | 0.705 (0.060) | 0.700 (0.054) |                       |
| Baseline                               | 0.725 (0.063) | 0.703 (0.064) | 0.05 / 0.54.0.63      |
| Post-Treatment                         | 0.743 (0.064) | 0.751 (0.066) | 0.05 (-0.54,0.63)     |
| Follow-up (16 weeks)                   | 0.749 (0.066) | 0.685 (0.067) | 0.22 (-0.37,0.81)     |
| Follow-up (26 weeks)                   | 0.759 (0.066) | 0.716 (0.068) | 0.24 (-0.35,0.83)     |
| EQ-VAS (0-100)                         |               |               |                       |
| Baseline                               | 59.32 (4.79)  | 56.52 (4.89)  |                       |
| Post-Treatment                         | 63.43 (4.97)  | 56.75 (5.16)  | 0.17 (-0.42,0.76)     |
| Follow-up (16 weeks)                   | 67.35 (5.19)  | 52.66 (5.21)  | 0.52 (-0.08,1.12)     |
| Follow-up (26 weeks)                   | 67.15 (5.11)  | 54.95 (5.20)  | 0.41 (-0.18,1.01)     |
| Subjective cognitive symptoms          |               |               |                       |
| MMQ-Contentment (0-72)                 |               |               |                       |
| Baseline                               | 21.36 (2.12)  | 16.86 (2.17)  |                       |
| Post-Treatment                         | 24.73 (2.38)  | 18.87 (2.49)  | 0.13 (-0.45,0.72)     |
| Follow-up (16 weeks)                   | 28.67 (2.36)  | 17.00 (2.40)  | 0.71 (0.10,1.31)      |
| Follow-up (26 weeks)                   | 28.28 (2.28)  | 18.22 (2.34)  | 0.55 (-0.05,1.15)     |
| MMQ-Ability (0-80)                     |               |               |                       |
| Baseline                               | 33.27 (3.51)  | 28.29 (3.60)  |                       |
|  |               |               |                       |

| Post-Treatment       | 33.16 (3.52) | 27.80 (3.63) | 0.02 (-0.56,0.61)  |
|----------------------|--------------|--------------|--------------------|
| Follow-up (16 weeks) | 36.02 (3.73) | 28.10 (3.81) | 0.18 (-0.41,0.76)  |
| • •                  |              | •            | 0.18 (-0.41,0.70)  |
| Follow-up (26 weeks) | 33.84 (3.58) | 28.62 (3.67) | 0.01 (-0.57,0.60)  |
| MMQ-Strategy (0-76)  |              |              |                    |
| Baseline             | 37.86 (2.76) | 39.57 (2.82) |                    |
| Post-Treatment       | 40.13 (3.02) | 40.10 (3.15) | -0.13 (-0.72,0.46) |
| Follow-up (16 weeks) | 39.69 (2.87) | 40.67 (2.89) | -0.06 (-0.64,0.53) |
| Follow-up (26 weeks) | 38.88 (2.43) | 42.52 (2.48) | 0.15 (-0.44,0.73)  |
| Depression / Anxiety |              |              |                    |
| PHQ-9 (0-27)         |              |              |                    |
| Baseline             | 8.55 (1.17)  | 9.29 (1.19)  |                    |
| Post-Treatment       | 8.18 (1.21)  | 10.13 (1.25) | 0.23 (-0.36,0.82)  |
| Follow-up (16 weeks) | 7.98 (1.24)  | 10.79 (1.26) | 0.40 (-0.20,0.99)  |
| Follow-up (26 weeks) | 7.54 (1.24)  | 10.74 (1.26) | 0.47 (-0.12,1.07)  |
| GAD-7 (0-21)         |              |              |                    |
| Baseline             | 7.59 (1.17)  | 5.38 (1.20)  |                    |
| Post-Treatment       | 5.31 (1.20)  | 6.50 (1.25)  | 0.63 (0.03,1.23)   |
| Follow-up (16 weeks) | 6.03 (1.16)  | 6.76 (1.19)  | 0.55 (-0.05,1.15)  |
| Follow-up (26 weeks) | 6.35 (1.19)  | 7.58 (1.22)  | 0.64 (0.04,1.24)   |

Note: AAQ-II = Acceptance and Action Questionnaire; HRQoL = Health-related quality of life; WHODAS 2.0 = WHO Disability Assessment Schedule version 2.0. WHODAS 2.0 mean (SD) values were calculated using complex scoring, based on item response theory-based scoring (which accounts for multiple levels of difficulty for each WHODAS item; Üstün, 2010): ICECAP = Investigating Choice Experiments Capability Measure for Adults; EQ-5D-5L = EQ-5D-5L health state evaluation; EQ-VAS = current overall health rating (today); MMQ = Multifactorial Memory Questionnaire; PHQ-9 = Patient Health Questionnaire-9; GAD-7 = Generalized Anxiety Disorder-7. Effect sizes = Hedge's g; Positive effect sizes represent an improvement in symptoms (for MMQ-Strategy improvement was considered as reduced strategy use given the negative correlation between strategy use and memory satisfaction/ability). Effect sizes for WHODAS 2.0, EQ-5D-5L Total value score and MMQ-Strategy were calculated using transformed data; raw (adjusted) mean data are shown.

Table 3. Clinical Global Impression Scale scores at 6-month follow-up.

|   | ACT +TAU    | TAU         |
|---|-------------|-------------|
|   | n = 15      | n = 15      |
|   | Mean (SD)   | Mean (SD)   |
| Perceived change in condition from beginning to now (1-7) | 3.33 (1.11) | 4.73 (0.96) |
|   | n (%)       | n (%)       |
| Very much improved  | 0 (0.0)     | 0 (0.0)     |
| Much improved   | 3 (20.0)    | 0 (0.0)     |
| Minimally improved  | 7 (46.7)    | 1 (6.7)     |
| No change   | 3 (20.0)    | 6 (40.0)    |
| Minimally worse   | 1 (6.7)     | 4 (26.7)    |
| Much worse  | 1 (6.7)     | 4 (26.7)    |
| Very much worse   | 0 (0.0)     | 0 (0.0)     |
| Collapsed   |             |             |
| Good outcome  | 10 (66.7)   | 1 (6.7)     |

Note: A rating of 'improved' or 'much improved' perceived change in condition was considered a 'good outcome'.

Table 4. Adjusted means (SEs) and between-group effect sizes for 'per-protocol' participants completing measures at 2-, 4- and 6-month follow-ups.

|                           | <u>Base</u>      | <u>ine</u>       | <u>Follo</u>     | w-up (2 m        | onths)                  | <u>Fol</u>      | low-up (4 r      | months)                 | Follow-up (6 months) |                  | nonths)                 |
|---------------------------|------------------|------------------|------------------|------------------|-------------------------|-----------------|------------------|-------------------------|----------------------|------------------|-------------------------|
|                           | ACT<br>(n=18)    | TAU<br>(n=21)    | ACT<br>(n=15)    | TAU<br>(n=16)    | ACT vs TAU              | ACT<br>(n=12)   | TAU<br>(n=15)    | ACT vs TAU              | ACT<br>(n=12)        | TAU<br>(n=15)    | ACT vs TAU              |
|                           | Mean (SE)        | Mean<br>(SE)     | Mean (SE)        | Mean<br>(SE)     | Effect Size<br>(95% CI) | Mean<br>(SE)    | Mean<br>(SE)     | Effect Size<br>(95% CI) | Mean (SE)            | Mean<br>(SE)     | Effect Size<br>(95% CI) |
| Primary outcome           |                  |                  |                  |                  |                         |                 |                  |                         |                      |                  |                         |
| AAQ-II (7-49)             | 20.17            | 20.86            | 20.50            | 22.41            | 0.20                    | 15.88           | 21.42            | 0.57                    | 17.74                | 22.34            | 0.39                    |
|                           | (1.99)           | (2.29)           | (1.80)           | (1.74)           | (-0.40,0.78)            | (2.93)          | (2.50)           | (-0.03,1.17)            | (2.07)               | (1.85)           | (-0.20,0.98)            |
| Secondary outcomes        |                  |                  |                  |                  |                         |                 |                  |                         |                      |                  |                         |
| WHODAS 2.0 (0-100)        | 31.90            | 39.66            | 35.05            | 35.01            | 0.03                    | 34.98           | 35.82            | 0.18                    | 35.19                | 38.72            | 0.28                    |
|                           | (5.18)           | (3.88)           | (4.37)           | (3.57)           | (-0.56,0.61)            | (5.79)          | (3.58)           | (-0.41,0.77)            | (5.97)               | (3.72)           | (-0.31,0.87)            |
| ICECAP (5-20)             | 13.61            | 13.19            | 13.47            | 13.31            | 0.05                    | 13.17           | 13.21            | -0.01                   | 14.38                | 12.89            | 0.48                    |
|                           | (0.64)           | (0.60)           | (0.42)           | (0.41)           | (-0.54,0.63)            | (0.73)          | (0.63)           | (-0.60,0.58)            | (0.48)               | (0.43)           | (-0.11,1.08)            |
| EQ-VAS (0-100)            | 59.17            | 56.52            | 62.31            | 55.71            | 0.28                    | 66.23           | 52.37            | 0.52                    | 65.03                | 55.25            | 0.38                    |
|                           | (5.70)           | (4.96)           | (3.77)           | (3.65)           | (-0.31,0.87)            | (6.33)          | (5.61)           | (-0.08,1.11)            | (5.88)               | (5.13)           | (-0.22,0.97)            |
| EQ-5D-5L (-0.285 - 1.000) | 0.763<br>(0.068) | 0.703<br>(0.066) | 0.721<br>(0.064) | 0.746<br>(0.048) | 0.07<br>(-0.52,0.66)    | 0.733 (0.068)   | 0.663<br>(0.074) | 0.28<br>(-0.31,0.87)    | 0.717<br>(0.078)     | 0.746<br>(0.059) | 0.10<br>(-0.49,0.69)    |
| MMQ-Contentment (0-72)    | 22.61<br>(2.20)  | 16.86<br>(2.25)  | 24.67<br>(2.88)  | 20.40            | 0.39 (-0.20,0.98)       | 28.00<br>(3.57) | 16.20<br>(1.84)  | 1.20<br>(0.56,1.84)     | 26.25<br>(2.99)      | 18.13<br>(1.92)  | 0.85<br>(0.23,1.46)     |
| MMQ-Ability (0-80)        | 36.11            | 28.29            | 33.54            | 31.18            | 0.15                    | 36.71           | 28.81            | 0.46                    | 33.35                | 31.39            | 0.11                    |
|                           | (3.86)           | (3.28)           | (3.55)           | (2.72)           | (-0.44,0.74)            | (4.41)          | (3.09)           | (-0.13,1.06)            | (3.96)               | (3.05)           | (-0.48,0.70)            |
| MMQ-Strategy (0-76)       | 34.28            | 39.57            | 37.70            | 37.79            | -0.004                  | 40.11           | 39.32            | -0.08                   | 37.54                | 41.37            | 0.34                    |
|                           | (2.19)           | (2.87)           | (2.38)           | (2.31)           | (-0.59,0.58)            | (2.90)          | (2.48)           | (-0.66,0.51)            | (32.06)              | (1.84)           | (-0.26,0.93)            |
| PHQ-9 (0-27)              | 8.00             | 9.29             | 8.25             | 10.14            | 0.35                    | 7.78            | 11.05            | 0.60                    | 7.36                 | 10.45            | 0.56                    |
|                           | (1.06)           | (1.15)           | (1.00)           | (0.97)           | (-0.25,0.94)            | (1.27)          | (1.05)           | (-0.002,1.20)           | (1.39)               | (1.33)           | (-0.03,1.16)            |
| GAD-7 (0-21)              | 7.00             | 5.38             | 4.16             | 7.17             | 0.57                    | 3.51            | 7.33             | 0.68                    | 4.13                 | 8.10             | 0.76                    |
|                           | (1.16)           | (1.12)           | (0.93)           | (1.23)           | (-0.03,1.17)            | (0.89)          | (1.31)           | (0.08,1.29)             | (0.92)               | (1.23)           | (0.15,1.37)             |

Note. ACT = ACT (plus TAU); SE = standard error; AAQ-II = Acceptance and Action Questionnaire; WHODAS 2.0 = WHO Disability Assessment Schedule version 2.0; ICECAP = Investigating Choice Experiments Capability Measure for Adults; EQ-5D-5L = EQ-5D-5L health state evaluation; EQ-VAS = current overall health rating (today); MMQ = Multifactorial Memory Questionnaire; PHQ-9 = Patient Health Questionnaire-9; GAD-7 = Generalized Anxiety Disorder-7. Effect sizes = Hedge's g; Positive effect sizes

represent an improvement in symptoms (for MMQ-Strategy improvement was considered as reduced strategy use given the negative correlation between strategy use and memory satisfaction/ability). Effect sizes for WHODAS 2.0, EQ-5D-5L Total value score and MMQ-Strategy were calculated using transformed data; raw (adjusted) mean data are shown.

Table 5. FCD care satisfaction

|   | ACT +TAU    | TAU         |
|---|-------------|-------------|
|   | n = 14      | n = 15      |
|   | Mean (SD)   | Mean (SD)   |
| Satisfaction with overall care received for FCD (1-5) | 3.79 (0.89) | 2.40 (0.63) |
|   | n (%)       | n (%)       |
| Very Unsatisfied                                      | 0 (0.0)     | 1 (6.7)     |
| Unsatisfied   | 1 (7.1)     | 7 (46.7)    |
| Neutral   | 4 (28.6)    | 7 (46.7)    |
| Satisfied   | 6 (42.9)    | 0 (0.0)     |
| Very Satisfied  | 3 (21.4)    | 0 (0.0)     |
| Collapsed   |             |             |
| Satisfied/Very satisfied                              | 9 (64.3)    | 0 (0.0)     |

Table 6. Service use over follow-up, mean (SD), % using at least once by randomised group

| Service (unit)                        | ACT + TAU (n=14) |         |    | T     | AU (n=14) |    |
|---------------------------------------|------------------|---------|----|-------|-----------|----|
|                                       | Mean             | (SD)    | %  | Mean  | SD        | %  |
| Employment                            |                  |         |    |       |           |    |
| Full time (months)                    | 2.14             | (2.98)  | 36 | 2.14  | (2.85)    | 43 |
| Part-time (months)                    | 1.71             | (2.81)  | 29 | 0.57  | (1.60)    | 21 |
| Unemployed (months)                   | 1.29             | (2.55)  | 21 | 1.71  | (2.81)    | 29 |
| Education/training (months)           | 0.57             | (1.65)  | 14 | 0.43  | (1.60)    | 7  |
| Absent due to ill health (days)       | 15.86            | (35.76) | 50 | 22.21 | (40.63)   | 50 |
| Primary healthcare                    |                  |         |    |       |           |    |
| GP (number)                           | 1.79             | (1.85)  | 79 | 3.21  | (3.72)    | 79 |
| Practice nurse (number)               | 0.29             | (0.61)  | 21 | 0.29  | (0.61)    | 21 |
| Community mental health team (number) | 0.57             | (1.65)  | 14 | 0.29  | (0.73)    | 14 |
| Psychologist/counsellor (number)      | 0.21             | (0.58)  | 14 | 5.86  | (16.16)   | 36 |
| Physiotherapist/OT/SLT (number)       | 0.43             | (1.60)  | 7  | 1.50  | (3.28)    | 36 |
| NHS 111 (number)                      | 0.00             | (0.00)  | 0  | 0.29  | (0.61)    | 21 |
| Secondary healthcare                  |                  |         |    |       |           |    |
| Inpatient stay (nights)               | 0.00             | (0.00)  | 0  | 0.00  | (0.00)    | 0  |
| A&E (attendances)                     | 0.00             | (0.00)  | 0  | 0.00  | (0.00)    | 0  |
| Ambulance (call outs)                 | 0.00             | (0.00)  | 0  | 0.00  | (0.00)    | 0  |
| Diagnostic tests (number)             | 0.29             | (0.61)  | 21 | 1.64  | (3.10)    | 57 |
| Outpatient appointments (number)      | 0.29             | (0.61)  | 21 | 2.21  | (3.51)    | 50 |
| Medication                            |                  |         |    |       |           |    |
| Antidepressant                        |                  |         | 14 |       |           | 43 |
| Sleeping tablet                       |                  |         | 21 |       |           | 0  |
| Anti-anxiety                          |                  |         | 14 |       |           | 14 |
| Mood stabiliser                       |                  |         | 7  |       |           | 0  |
| ADHD medication                       |                  |         | 0  |       |           | 0  |

Table 7. Total cost (£) at baseline and follow-up, mean (SD) by randomised group

|                                 | ACT+TAU (n=14) |          | TAU     | (n=14)    |
|---------------------------------|----------------|----------|---------|-----------|
|                                 | Mean           | (SD)     | Mean    | (SD)      |
| BASELINE                        |                |          |         |           |
| Primary healthcare              | 373.71         | (566.78) | 686.25  | (1026.33) |
| Secondary healthcare            | 314.86         | (403.43) | 699.43  | (749.09)  |
| Medication                      | 5.71           | (0.56)   | 5.86    | (0.48)    |
| Total cost health & social care | 694.29         | (683.80) | 1391.53 | (1417.15) |
| Productivity losses             | 73.32          | (54.49)  | 66.52   | (55.44)   |
| Total societal cost             | 766.60         | (667.02) | 1458.05 | (1407.91) |
| FOLLOW-UP                       |                |          |         |           |
| Intervention                    | 238.33         | (0.00)   | 0.00    | (0.00)    |
| Primary healthcare              | 264.51         | (530.16) | 583.15  | (914.03)  |
| Secondary healthcare            | 21.39          | (52.03)  | 338.70  | (555.74)  |
| Medication                      | 5.71           | (0.47)   | 5.43    | (1.60)    |
| Total cost health & social care | 529.95         | (522.84) | 927.28  | (1084.08) |
| Productivity losses             | 67.64          | (54.55)  | 61.61   | (57.15)   |
| Total societal cost             | 597.59         | (503.23) | 988.89  | (1084.79) |

Table 8. EQ-5D-5L utility score, QALYs, mean (SD)

|                                   | ACT+TAU |        | TAU    |        |
|-----------------------------------|---------|--------|--------|--------|
|                                   | Mean    | (SD)   | Mean   | (SD)   |
| EQ-5D-5L VAS baseline (n=43)      | 59.318  | 22.076 | 56.524 | 22.728 |
| EQ-5D-5L VAS follow-up (n=29)     | 65.929  | 27.280 | 52.800 | 24.063 |
| EQ-5D-5L utility baseline (n=43)  | 0.657   | 0.315  | 0.652  | 0.292  |
| EQ-5D-5L utility follow-up (n=29) | 0.645   | 0.358  | 0.607  | 0.375  |
| QALY over follow-up (n=29)        | 0.314   | 0.179  | 0.321  | 0.163  |

## Adverse events

There were no adverse events associated with this study.