**Stigmatizing views towards individuals with eating disorders: trends and associations from 1998 to 2008 using a repeated cross-sectional design.**

*Jennifer Guy1, Helen Bould1,2,3, Glyn Lewis4, Francesca Solmi4*

*1Gloucestershire Health and Care NHS Foundation Trust, Edward Jenner Court, Gloucester, Gloucester GL3 4AW*

*2 Centre for Academic Mental Health, Population Health Science, University of Bristol, Bristol, UK*

*3* *MRC Integrative Epidemiology Unit at the University of Bristol, Oakfield House, Oakfield Grove, Bristol, United Kingdom, BS82BN*

*3 Division of Psychiatry, University College London, London, UK*

**Corresponding author**

Francesca Solmi, PhD

UCL Division of Psychiatry,

Maple House, Wing A, 6th Floor

149 Tottenham Court Road,

W1T 7NF, London, UK

Email: Francesca.solmi@ucl.ac.uk

Phone: 02076799643 (ext: 09643)

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## Supplemental Table 1: Univariable logistic regression models testing the association between each predictor and missing data

|  |  |
| --- | --- |
|  | Missing data N=584 (20.5%)\* |
|  | Odds Ratio (95% CI) |
| **Sex** (female vs male)  | 0.94 (0.78, 1.13) |
| **Ethnicity** (ethnic minority vs white British) | 1.51 (1.12, 2.04) |
| **Housing tenure** (rent vs own) | 1.06 (0.87, 1.29) |
| **Highest education** (non-compulsory vs compulsory) | 0.63 (0.50, 0.80) |
| **Social class** (manual vs non-manual) | 1.48 (1.22, 1.80) |
| **Year** (2008 vs 1998) | 2.80 (2.32, 3.36) |
| **Age**  | 1.05 (1.04, 1.06) |

\*this figure does not add up to the missing data figure reported in the flowchart in figure one (i.e. 339+251=590) because, as noted in the footnote of that figure the 2008 dataset only included data on 1064 participants.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **People with \*condition\* have only themselves to blame for their condition** | **People with \*condition\* would not improve if given treatment** | **People with \*condition\* could pull themselves together if they wanted to** | **People with \*condition\* will never recover fully** |
|  | **1998** **Mean (95%CI)** | **2008****Mean (95%CI)** | **1998** **Mean (95%CI)** | **2008****Mean (95%CI)** | **1998** **Mean (95%CI)** | **2008****Mean (95%CI)** | **1998** **Mean (95%CI)** | **2008****Mean (95%CI)** |
| Eating Disorders | 3.13 (3.07, 3.20) | 2.93 (2.85, 3.02) | 1.99 (1.94, 2.06) | 2.10 (2.02, 2.18) | 3.25 (3.19, 3.31) | 3.09 (3.01, 3.17) | 2.26 (2.20, 2.31) | 2.46 (2.38, 2.54) |
| Severe Depression | 2.26 (2.20, 2.32) | 2.26 (2.18, 2.35) | 2.25 (2.19, 2.31) | 2.33 (2.24, 2.42) | 2.56 (2.51, 2.62) | 2.53 (2.45, 2.61) | 2.78 (2.72, 2.84) | 2.92 (2.84, 3.00) |
| Alcohol Addiction  | 3.81 (3.76, 3.88) | 3.57 (3.49, 3.67) | 2.16 (2.11, 2.23) | 2.34 (2.25, 2.43) | 3.60 (3.55, 3.67) | 3.54 (3.46, 3.63) | 2.81 (2.76, 2.88) | 2.92 (2.82, 3.02) |

## Supplemental table 2: Mean item score (with 95% confidence intervals) by survey year and psychiatric condition (n=2,270). Data presented in Figure 1

|  |  |  |
| --- | --- | --- |
|  | **People with \*condition\* have only themselves to blame for their condition** | **People with \*condition\* could pull themselves together if they wanted to** |
| *Eating disorders* | *Depression* | *Alcohol dependence* | *Eating disorders* | *Depression* | *Alcohol dependence* |
| Mean diff (95%CI) | Mean diff (95%CI) | Mean diff (95%CI) | Mean diff (95%CI) | Mean diff (95%CI) | Mean diff (95%CI) |
| **Sex** |  |  |  |  |  |  |
| Male (vs. female) | 0.24 (0.13, 0.35)P<0.0001 | 0.26 (0.16, 0.36)P<0.0001 | 0.08 (-0.02, 0.18)P=0.133 | 0.37 (0.27, 0.46)P<0.0001 | 0.25 (0.15, 0.35)P<0.0001 | 0.21 (0.10, 0.31)P<0.0001 |
| **Age** | 0.12 (0.06, 0.19)P<0.0001 | -0.04 (-0.10, 0.01)P=0.145 | 0.03 (-0.03, 0.08)P=0.355 | -0.04 (-0.10, 0.02)P=0.159 | -0.02 (-0.08, 0.04)P=0.426 | -0.09 (-0.15, -0.03)P=0.002 |
| **Ethnicity**  |  |  |  |  |  |  |
| BAME (vs white) | 0.09 (-0.14, 0.32) p=0.48 | 0.57 (0.37, 0.77)P<0.0001 | -0.06 (-0.28, 0.16)P=0.605 | 0.26 (0.05, 0.46)P=0.014 | 0.36 (0.15, 0.57)P=0.001 | 0.08 (-0.12, 0.89)P=0.454 |
| **Year** |  |  |  |  |  |  |
| 2008 (vs 1998) | -0.17 (-0.29, -0.05)P=0.006 | 0.05 (-0.06, 0.16), p=0.399 | -0.24 (-0.35, -0.13)P<0.0001 | -0.17 (-0.28, -0.06)P=0.002 | 0.01 (-0.10, 0.11)P=0.897 | -0.08 (-0.19, 0.03)P=0.151 |
| **Education**  |  |  |  |  |  |  |
| Non-compulsory (vs compulsory) | -0.26 (-0.37, -0.15)P<0.0001 | -0.10 (-0.21, -0.01)P=0.048 | -0.27 (-0.37, -0.16)P<0.0001 | -0.15 (-0.26, -0.05)P=0.003 | -0.19 (-0.29, -0.09)P<0.0001 | -0.15 (-0.25, -0.05)P=0.004 |
| **Social class** |  |  |  |  |  |  |
| Non-manual (vs manual) | 0.15 (0.03, 0.26)P=0.011 | 0.25 (0.14, 0.35)P<0.0001 | 0.22 (0.11, 0.32)P<0.0001 | 0.12 (0.02, 0.23)P=0.019 | 0.19 (0.09, 0.29)P<0.0001 | 0.18 (0.07, 0.28)P=0.001 |
| **Housing Tenure** |  |  |  |  |  |  |
| Rent (vs own) | 0.07 (-0.05, 0.20)P=0.253 | 0.01 (-0.10, 0.12)P=0.876 | 0.11 (-0.01, 0.23)P=0.068 | 0.09 (-0.02, 0.21)P=0.108 | 0.10 (-0.01, 0.21)P=0.089 | 0.13 (0.02, 0.25)P=0.024 |

## Supplemental Table 3: Univariable linear regression models testing the association between each predictor and the four outcomes by mental health disorder. Sample based on complete cases (n=2,270)

Supplemental Table 3 (continued)

|  |  |  |
| --- | --- | --- |
|  | **People with \*condition\* will never recover fully** | **People with \*condition\* would not improve if given treatment** |
|  | *Eating disorders* | *Depression* | *Alcohol dependence* | *Eating disorders* | *Depression* | *Alcohol dependence* |
|  | Mean diff (95%CI) | Mean diff (95%CI) | Mean diff (95%CI) | Mean diff (95%CI) | Mean diff (95%CI) | Mean diff (95%CI) |
| **Sex** |  |  |  |  |  |  |
| Male (vs. female) | -0.17 (-0.27, -0.07)P=0.001 | -0.03 (-0.14, 0.07)P=0.489 | -0.11 (-0.22, 0.01)P=0.052 | -0.07 (-0.17, 0.02)P=0.143 | -0.02 (-0.13, 0.09)P=0.710 | -0.10 (-0.21, 0.01)P=0.054 |
| **Age** | 0.09 (.04, 0.14)P=0.001 | 0.09 (0.04, 0.14)P<0.0001 | 0.13 (0.08, 0.19)P<0.0001 | 0.14 (0.09, 0.20)P<0.0001 | 0.15 (0.09, 0.21)P<0.0001 | 0.18 (0.13, 0.24)P<0.0001 |
| **Ethnicity**  |  |  |  |  |  |  |
| BAME (vs white) | 0.02 (-0.16, 0.20)P=0.825 | -0.23 (-0.40, -0.05)P=0.013 | -0.15 (-0.35, 0.05)P=0.130 | 0.01 (-0.18, 0.20)P=0.896 | 0.02 (-0.20, 0.24)P=0.864 | 0.06 (-0.18, 0.30)P=0.606 |
| **Year** |  |  |  |  |  |  |
| 2008 (vs 1998) | 0.21 (0.11, 0.31)P<0.0001 | 0.14 (0.04, 0.24)P=0.005 | 0.10 (-0.01, 0.22)P=0.074 | 0.11 (0.01, 0.21)P=0.032 | 0.09 (-0.03, 0.21)P=0.148 | 0.22 (0.11, 0.34)P<0.0001 |
| **Education**  |  |  |  |  |  |  |
| Non-compulsory (vs compulsory) | -0.05 (-0.15, 0.05)P=0.312 | -0.10 (-0.20, -0.01)P=0.035 | -0.03 (-0.14, 0.08)P=0.582 | -0.18 (-0.27, -0.08)P<0.0001 | -0.32 (-0.43, -0.22)P<0.0001 | -0.22 (-0.33, -0.12)P<0.0001 |
| **Social class** |  |  |  |  |  |  |
| Non-manual (vs manual) | 0.06 (-0.03, 0.16)P=0.203 | 0.09 (-0.01, 0.18)P=0.070 | -0.09 (-0.19, 0.02)P=0.103 | 0.16 (0.06, 0.26)P=0.001 | 0.22 (0.11, 0.33)P<0.0001 | 0.13 (0.02, 0.24)P=0.017 |
| **Housing Tenure** |  |  |  |  |  |  |
| Rent (vs own) | 0.06 (-0.04, 0.16)P=0.259 | 0.04 (-0.06, 0.13)P=0.480 | 0.05 (-0.06, 0.16)P=0.389 | 0.16 (0.05, 0.27)P=0.004 | 0.16 (0.03, 0.28)P=0.016 | 0.12 (0.01, 0.24)P=0.043 |