**Supplementary Table 1.** Baseline characteristics of all FEP, those from the core sample of GAP and those for the subsample with Beads Task.

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| --- | --- | --- | --- | --- |
| **DESCRIPTIVE AT BASELINE** | Number (%) | Statistics |  |  |
| Gender  Male FemaleAge (years), mean (SD) | Sub-sample n= 123 (29%)75 (61.0)48 (39.0)29.4 (10.03) | GAP 207 (67.2)101 (32.8)28.65 (9.06) | Tests (df)Χ2(1)=1.51t(402)=-0.8 | Effect size (95% CI)V=.06 (.05 , .16)d=.09 (-.13, .3) | p value0.220.42 |
| ETHNICITYBy self-report White Black Other | 46 (37.4)52 (42.3)25 (20.3) | 113 (36.7)142 (46.1)53 (17.2) | Χ2(2)=0.77 | V=-.04 (-.07 , .14) | 0.68 |
| DIAGNOSIS ACCORDING TO ICD-10 AND DSM-IV (OPCRIT) Schizophrenia spectrumAffective psychosis | 92 (74.8)31 (25.2) | 164 (78.9)44 (21.1) | Χ2(1)=.72 | V=-.04 (-.05 , .16) | 0.39 |
| EDUCATION LEVEL No qualification School education Tertiary education | 21 (17.7)40 (33.6)58 (48.7) | 28 (17.1)63 (38.4)73 (44.5) | Χ2(2)=.72 | V=-.05 (-.08 , .17) | 0.7 |

JTC: jumping to conclusions; SD: standard deviation; IQR: interquartile range; df: degrees of freedom; FU: follow-up

**Supplementary Table 2.** Baseline characteristics of all FEP, those lost to follow-up, and those remaining to the end.

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| --- | --- | --- | --- | --- |
| **DESCRIPTIVE AT BASELINE** |  |  | Statistics |  |
| Gender  Male FemaleAge (years), mean (SD) | Lost participants n= 21 (17%)13 (61.9)8 (38.1)33.14 (3.29) | Remaining participantsn= 102 (83%)62 (60.8)40 (39.2)28.7 (0.85) | Tests (df)Χ2(1)=0.01t(121)=1.86 | Effect size (95%CI)V=.01 (-.09 , .16)d=.45 (-.03, .92) | p value0.920.06 |
| ETHNICITYBy self-report White Black Other | 10 (47.6)6 (28.6)5 (23.8) | 36 (35.3)46 (45.1)20 (19.6) | Χ2(2)=1.98 | V=.13 (-.13 , .31) | 0.37 |
| DIAGNOSIS ACCORDING TO ICD-10 AND DSM-IV (OPCRIT) Schizophrenia spectrum Affective psychosis | 17 (80.9)4 (19.1) | 75 (73.5)27 (26.5) | Χ2(1)=0.51 | V=-.06 (-.09 , .26) | 0.48 |
| EDUCATION LEVEL No qualification School education Tertiary education | 5 (25.0)6 (30.0)9 (45.0) | 16 (16.2)34 (34.3)49 (49.5) | Χ2(2)=0.9 | V=-.09 (-.13 , .27) | 0.64 |
| CLINICA STATUSPANSS Positive Scale, mean (SD) Negative Scale, mean (SD) General Scale, mean (SD) | 16.68 (1.52)14.72 (1.13)30.89 (1.95) | 13.52 (0.56)15.1 (0.65)8.78 (0.68) | t(113)=2.21t(113)=-0.31t(113)=1.2 | d=-.56 (.06 , 1.05)d=--.08 (-.57 , .42)d=-.3 (-.19 , .8) | **0.03**0.760.32 |
| IQ, mean (SD) | 92.42 (14.38) | 89.89 (14.9) | t(107)=0.68 | d=.17 (-.32 , .67) | 0.49 |
| GAF symptoms, mean (SD)GAF disability, mean (SD)CGI, mean (SD) | 42.22 (4.03)56.22 (3.76)3.94 (0.36) | 52.78 (2.11)58.92 (1.83)3.07 (0.14) | t(105)=-2.09t(104)=-0.62t(106)=2.47) | d=--.54 (-1.54 , -.03)d=-.16 (-.67 , .35)d=.64 (.12 , 1.15) | **0.04**0.54**0.02** |
|  |  |  |  |  |  |

SD: standard deviation; df: degrees of freedom

**Supplementary Table 3.** Full adjusted regressions models.

|  |  |  |  |
| --- | --- | --- | --- |
| **DAYS OF ADMISSION** | IRR. (95% CI) | Z | P value |
| JTCAgeGenderEthnicityIQPositive dimensionNegative dimensionExcited dimensionConcrete/disorganised dimensionDepressed dimensionGAF disabilityMHA interventionPolice intervention | **5.03\*** (1.91 , 13.24)0.99 (0.95 , 1.03)0.32 (0.13 , 0.76)0.81 (0.47 , 1.40)1.03 (0.98 , 1.07)1.45 (0.80 , 2.61)1.58 (0.76 , 3.27)0.61 (0.13 , 2.89)0.39 (0.14 , 1.07)0.70 (0.28 , 1.76)1.01 (0.98 , 1.04)0.80 (0.34 , 1.89)1.36 (0.51 , 3.62) | 3.27-0.46-2.56-0.751.191.231.22-0.63-1.82-0.760.55-0.510.62 | <0.0010.6480.0100.4560.2320.2180.2220.5290.0680.4440.5790.6100.538 |
| **CLINICAL REMISSION** | OR. (95% CI) | Z | P value |
| JTCAgeGenderEthnicityIQPositive dimensionNegative dimensionExcited dimensionConcrete/disorganised dimensionDepressed dimensionGAF disability | 0.47 (0.12 , 1.88)0.98 (0.91 , 1.06)0.54 (0.12 , 2.31)0.71 (0.30 , 1.68)1.02 (0.98 , 1.07)0.48 (0.18 , 1.24)0.32 (0.10 , 1.03)1.63 (0.25 , 10.64)3.91 (0.58 , 26.20)4.06 (0.95 , 17.35)0.98 (0.94 , 1.03) | -1.06-0.58-0.83-0.770.92-1.52-1.910.511.401.89-0.69 | 0.2870.5650.4040.4400.3560.1280.0570.6100.1610.0580.489 |
| **MENTAL HEALTH ACT** | OR. (95% CI) | Z | P value |
| JTCAgeGenderEthnicityIQPositive dimensionNegative dimensionExcited dimensionConcrete/disorganised dimensionDepressed dimensionGAF disability | **15.62\*** (2.92 , 83.54)0.98 (0.90 , 1.06)1.14 (0.20 , 6.50)1.12 (0.40 , 3.11)0.97 (0.90 , 1.03)2.35 (0.71 , 7.79)2.21 (0.53 , 9.30)0.50 (0.04 , 6.74)0.73 (0.06 , 8.77)0.29 (0.05 , 1.55)1.00 (0.95 , 1.05) | 3.21-0.490.150.22-0.971.401.08-0.53-0.24-1.45-0.01 | <0.0010.6240.8820.8290.3300.1610.2790.5990.8070.1460.989 |
| **POLICE INTERVENTION** | OR. (95% CI) | Z | P value |
| JTCAgeGenderEthnicityIQPositive dimensionNegative dimensionExcited dimensionConcrete/disorganised dimensionDepressed dimensionGAF disability | **14.95\*** (2.68 , 83.34)0.96 (0.89 , 1.05)0.57 (0.11 , 3.08)0.55 (0.19 , 1.56)0.97 (0.9 , 1.04)1.49 (0.51 , 4.36)2.07 (0.56 , 7.56)0.89 (0.07 , 10.95)0.34 (0.04 , 2.79)0.19 (0.04 , 2.79)0.98 (0.93 , 1.03) | 3.09-0.87-0.65-1.13-0.800.731.10-0.093-1.01-1.74-0.69 | 0.0020.3860.5150.2590.4220.4630.2730.9260.3130.0820.492 |

JTC: jumping to conclusions; IRR: incident rate ratio; OR: odds ratio; CI: confident interval