Supplementary Online Content

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This supplementary material has been provided by the authors to give readers additional information about their work.
eAppendix 1. Program Sites

The programme sites were selected to maximise diversity and potential for comparisons both between and within sites and with existing data sets. The sites span three continents, are economically, socially, and culturally diverse, and are in countries undergoing rapid economic and social change (Supplementary Table 1). In each site, we identified catchment areas that comprise urban and rural areas with populations of around 500,000 adults aged 18–64 years. In India, the catchment area comprises 4 taluks, or sub-districts, of the Kancheepuram District (Chengelputtu, Thiruporur, Uthiramerur, and Maduranthakam), which is directly south of Chennai in Tamil Nadu, southern India. The area is mainly rural, with several urban centres, and has a total population of around 1,000,000 (based on projections from the 2011 Census to 2020), with population densities ranging from ~ 361–737 per km². In Nigeria, the catchment area comprises 3 local government areas in and around the city of Ibadan in Oyo State (Ibadan North East, Ibadan South East and Ona-Ara), which is north of Lagos in the south-west of Nigeria. The area comprises urban (Ibadan North East, Ibadan South East) and semi-rural (Ona Ara) areas and has a total population of around 900,000 (based on projections from the 2010 Census to 2016, the latest year for which projections are available), with population densities ranging from ~ 914–18,356 per km², with some areas of very high density reflecting the fact that Ibadan is the third most populous city in Nigeria. In Trinidad, the catchment area comprises 7 municipalities (Port of Spain, Arima, Chaguanas, Tunapuna-Piarco, San Juan-Laventille, Diego Martin, and Sangre Grande) in the northern half of the island. The area comprises urban and rural areas and has a total population of around 720,000 (based on projections from the 2011 Census to 2020), with population densities ranging from ~ 82–3,090 per km². Kancheepuram and Ibadan are ethnically homogenous. Kancheepuram is in Tamil Nadu state, in which around 90% are native Tamil speakers, with a range of other groups comprising around 10% (e.g., Telugu, Kannada). Ibadan predominantly comprises indigenous Yoruba people (~ 96%). Trinidad is ethnically heterogenous, in which around 38% are African-Trinidadian, 36% Indian Trinidadian, and 25% mixed, with a small number of other groups (e.g., White, Chinese) comprising around 1%.

eAppendix 2. Ethical Approvals

Ethical approvals for all aspects of the programme were provided by ethics review boards at each lead institution and, where necessary, by other relevant bodies. In the UK: King’s College London, UK (Reference: HR-17/18-5601); London School of Hygiene and Tropical Medicine, UK (Reference: 15807). In India: Health & Family Welfare Department, Government of Tamil Nadu (Letter No.14248/EAPI-2/2018-2, Dated 28.05.2018); Institutional Ethics Committee of SCARF (Date of issue: 28.11.2017); Institutional Ethics Committee, Madras Medical College (No.19082019, Dated 06.08.2019). In Nigeria: University of Ibadan and University College Hospital Ethics Committee (Registration number: NHREC/05/01/2008a; Study number: UI/EC/18/0099), Ibadan, Nigeria; Institute for Advanced Medical Research & Training (IAMRAT), College of Medicine, Ibadan, Nigeria). In Trinidad, Eastern (Reference: PHO: 24/1), North Central (Reference: 185-43 CD), and North West (approved on 9 July 2018, no reference number issued) Regional Health Authorities.

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**eTable 1. Economic, Development, and Health Indicators**

|                                | India National | Tamil Nadu† | Nigeria National | Oyo State‡† | National‡‡†† |
|--------------------------------|----------------|-------------|-------------------|-------------|-------------|
| **Urban population (a, b) (2020)** | 34.9% (2.0% increase since 2010) | 48.4% (2011) | 52.0% (8.5% increase since 2010) | no data^ | 53.2% (8.8% increase since 2010) |
| **Projected annual rate of urbanization (a)** (2015 to 2020, estimated) | 2.4% | no data** | 3.9% | no data^ | 0.2% |
| **Economic (GDP) growth (d)** | 2010 to 2019 (average per year) | 6.7% | 7.2% | 3.7% | no data - 0.3% |
|                                | 2020 | - 8.0% | 2.0% | - 1.8% | no data - 7.8% |
| **Poverty (c)** (i.e. living on less than $1.90 per day) (2020) | 22.5% | 11.3% | 39.1% | no data | 0% |
| **Income Gini‡ Coefficient (c)** (2010) | 37.8 | no data | 43.0 | no data | no data |
| **Human Development Index (c)** (2020) | Index | 0.65 | no data | 0.54 | no data | 0.80 |
|                                | Rank | 131 | - | 161 | - | 61 |
| **Infant mortality per 1,000 live births (c)** (2020) | 29.9 | 15.0 | 75.7 | no data | 16.4 |
| **Life expectancy at birth (years) (c)** (2020) | 69.7 | 71.7 | 54.7 | no data | 73.5 |
| **Suicide Rate per 100,000 (c)** (2020) | Men | 18.5 | no data | 17.5 | no data |
|                                | Women | 14.5 | no data | 17.1 | no data |
| **Homicide Rate per 100,000 (c)** (2020) | 3.1 | no data | 34.5 | no data | 30.6 |
| **Literacy, 15+ years (c)** (2020) | Overall | 74.4% | 80.1% (Urban 87.0%) (Rural 73.5%) | 62.0% | no data | 98.7% |

† Our catchment area in India is in Tamil Nadu state

‡‡ Our catchment area in Nigeria is in Oyo state

‡‡‡ There are no data available for regions in Trinidad and Tobago
** Information on projected rate of urbanisation not available. Between the 1991 and 2011 census, the urban population in Tamil Nadu grew by 14.3% (from 34.2% to 48.4%)

^ Directly comparable information on urban populations in Oyo State not available. Ibadan is the third largest city in Nigeria (after Lagos and Kano), with (at 2006 census) a population of around 2,338,659

(a) World Urbanisation Prospectus, 2011 Revision. United Nations (http://esa.un.org/unpd/wup/CD-ROM/Urban-Rural-Population.htm)

(b) 2011 Indian Census

(c) Human Development Report 2020 (http://hdr.undp.org/en)

(d) The World Bank (http://data.worldbank.org/indicator/NY.GDP.MKTP.KD.ZG)
**eTable 2. Rates of Psychosis, by Sex**

|                          | Person years at risk | Cases | Rate * | 95% CI   | RR ** | 95% CI   |
|--------------------------|----------------------|-------|--------|----------|--------|----------|
| **All psychoses**        |                      |       |        |          |        |          |
| Kancheepuram             |                      |       |        |          |        |          |
| women                    | 681,291              | 154   | 24.1   | 20.3-28.0| 1.00   | -        |
| men                      | 683,368              | 114   | 17.2   | 14.1-20.4| 0.73   | 0.57-0.93|
| Ibadan                   |                      |       |        |          |        |          |
| women                    | 733,220              | 93    | 14.2   | 11.2-17.3| 1.00   | -        |
| men                      | 673,008              | 103   | 14.6   | 11.7-17.5| 1.21   | 0.91-1.60|
| Trinidad                 |                      |       |        |          |        |          |
| women                    | 512,170              | 235   | 48.2   | 42.0-54.5| 1.00   | -        |
| men                      | 507,640              | 339   | 70.0   | 62.5-77.6| 1.45   | 1.23-1.71|
| **Non-affective**        |                      |       |        |          |        |          |
| Kancheepuram             |                      |       |        |          |        |          |
| women                    | 681,291              | 90    | 14.1   | 11.2-17.0| 1.00   | -        |
| men                      | 683,368              | 57    | 8.7    | 6.4-11.0 | 0.62   | 0.45-0.87|
| Ibadan                   |                      |       |        |          |        |          |
| women                    | 733,220              | 59    | 8.8    | 6.4-11.2 | 1.00   | -        |
| men                      | 673,008              | 66    | 9.4    | 7.1-11.8 | 1.22   | 0.86-1.73|
| Trinidad                 |                      |       |        |          |        |          |
| women                    | 512,170              | 115   | 23.9   | 19.5-28.3| 1.00   | -        |
| men                      | 507,640              | 265   | 55.0   | 48.3-61.7| 2.32   | 1.86-2.88|
| **Affective**            |                      |       |        |          |        |          |
| Kancheepuram             |                      |       |        |          |        |          |
| women                    | 681,291              | 5     | 0.7    | 0.1-1.4  | 1.00   | -        |
| men                      | 683,368              | 4     | 0.6    | 0.11.1  | 0.78   | 0.21-2.92|
| Ibadan                   |                      |       |        |          |        |          |
| women                    | 733,220              | 21    | 3.3    | 1.8-4.8  | 1.00   | -        |
| men                      | 673,008              | 15    | 2.0    | 1.0-3.1  | 0.79   | 0.40-1.53|
| Trinidad                 |                      |       |        |          |        |          |
| women                    | 512,170              | 97    | 19.8   | 15.8-23.8| 1.00   | -        |
|          | 507,640 | 47   | 9.7  | 6.9-12.5 | 0.49   | 0.34-0.69 |
|----------|---------|------|------|----------|--------|-----------|
| Psychosis NOS |         |      |      |          |        |           |
| Kancheepuram |        |      |      |          |        |           |
| women     | 681,291 | 59   | 9.3  | 6.9-11.7 | 1.00   | -         |
| men       | 683,368 | 53   | 8.0  | 5.8-10.1 | 0.89   | 0.61-1.28 |
| Ibadan    |         |      |      |          |        |           |
| women     | 733,220 | 13   | 2.1  | 0.9-3.3  | 1.00   | -         |
| men       | 673,008 | 22   | 3.2  | 1.8-4.5  | 1.87   | 0.94-3.71 |
| Trinidad  |         |      |      |          |        |           |
| women     | 512,170 | 23   | 4.6  | 2.6-6.5  | 1.00   | -         |
| men       | 507,640 | 27   | 5.3  | 3.3-7.4  | 1.18   | 0.68-2.06 |

* Rate per 100,000 person years of risk

** Adjusted for age and sex; modelled using Poisson regression

RR Rate Ratio
| Age  | Person years at risk | Cases | Rate * | 95% CI  | Person years at risk | Cases | Rate * | 95% CI  | Person years at risk | Cases | Rate * | 95% CI  |
|------|----------------------|-------|--------|---------|----------------------|-------|--------|---------|----------------------|-------|--------|---------|
| 18-19| 37,032               | 3     | 8.1    | 0.1-17.3| 54,359               | 2     | 3.7    | 0.1-8.8 | 51,861               | 27    | 52.1   | 32.4-71.7|
| 20-24| 98,857               | 12    | 12.1   | 5.3-19.0| 120,426              | 19    | 15.8   | 8.7-22.9| 60,278               | 101   | 167.6  | 134.9-200.2|
| 25-29| 103,461              | 14    | 13.5   | 6.4-20.6| 112,479              | 24    | 21.3   | 12.8-29.9| 67,069               | 63    | 93.9   | 70.7-117.1|
| 30-34| 93,564               | 13    | 13.9   | 6.3-21.4| 93,357               | 19    | 20.4   | 11.2-29.5| 58,827               | 50    | 85.0   | 61.4-108.5|
| 35-39| 86,206               | 12    | 13.9   | 6.0-21.8| 75,587               | 12    | 15.9   | 6.9-24.9 | 50,067               | 40    | 79.9   | 55.1-104.6|
| 40-44| 72,984               | 12    | 16.4   | 7.1-25.7| 65,616               | 13    | 19.8   | 9.0-30.6 | 44,815               | 20    | 44.6   | 25.1-64.2|
| 45-49| 64,170               | 15    | 23.4   | 11.5-35.2| 53,130              | 8     | 15.1   | 4.6-25.5 | 50,907               | 14    | 27.5   | 13.1-41.9|
| 50-54| 50,277               | 12    | 23.9   | 10.4-37.4| 43,228              | 2     | 4.6    | 0.1-11.0 | 47,813               | 9     | 18.8   | 6.5-31.3|
| 55-59| 41,331               | 13    | 31.5   | 14.4-48.5| 26,958              | 2     | 7.4    | 0.1-17.7 | 40,878               | 9     | 22.0   | 7.6-36.4|
| 60-64| 35,486               | 8     | 22.5   | 6.9-38.2 | 27,868              | 2     | 7.2    | 0.1-17.1 | 35,125               | 6     | 17.1   | 3.4-30.7|

* Rate per 100,000 person years of risk

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eTable 4. Age (at Detection)–Specific Rates of Psychosis (Women)

| Age  | Kancheepuram | | | | Ibadan | | | | | | Trinidad | | | | | |
|------|--------------|------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|      | Person years at risk | Cases | Rate * | 95% CI | Person years at risk | Cases | Rate * | 95% CI | Person years at risk | Cases | Rate * | 95% CI |
| 18-19 | 34,782 | 1 | 2.9 | 0.1-8.5 | 53,313 | 2 | 3.8 | 0.1-9.0 | 51,546 | 15 | 29.1 | 14.4-43.8 |
| 20-24 | 104,170 | 9 | 8.6 | 3.0-14.3 | 136,313 | 10 | 7.3 | 2.8-11.9 | 61,144 | 31 | 50.7 | 32.9-68.5 |
| 25-29 | 110,928 | 5 | 4.5 | 0.6-8.5 | 142,135 | 10 | 7.0 | 2.7-11.4 | 68,116 | 34 | 49.9 | 33.1-66.7 |
| 30-34 | 88,700 | 18 | 20.3 | 10.9-29.7 | 108,610 | 16 | 14.7 | 7.5-21.9 | 57,285 | 33 | 57.6 | 38.0-77.3 |
| 35-39 | 86,664 | 24 | 27.7 | 16.6-38.8 | 82,151 | 16 | 19.5 | 9.9-29.0 | 49,343 | 36 | 73.0 | 49.1-96.8 |
| 40-44 | 68,005 | 26 | 38.2 | 23.5-52.9 | 65,676 | 11 | 16.7 | 6.9-26.6 | 45,968 | 30 | 65.3 | 41.9-88.6 |
| 45-49 | 62,551 | 26 | 41.6 | 25.6-57.5 | 47,903 | 10 | 20.9 | 7.9-33.8 | 51,355 | 15 | 29.2 | 14.4-44.0 |
| 50-54 | 49,260 | 19 | 38.6 | 21.2-55.9 | 44,545 | 7 | 15.7 | 4.1-27.4 | 48,931 | 23 | 47.0 | 27.8-66.2 |
| 55-59 | 41,160 | 15 | 36.4 | 18.0-54.9 | 22,991 | 3 | 13.0 | 0.1-27.8 | 43,203 | 9 | 20.8 | 7.2-34.4 |
| 60-64 | 35,071 | 11 | 31.4 | 12.8-49.9 | 29,583 | 8 | 27.0 | 8.3-45.8 | 35,279 | 9 | 25.5 | 8.8-42.2 |

* Rate per 100,000 person years of risk
**eTable 5. Age (at Onset)–Specific Rates of Psychosis (Men)**

| Age   | Kancheepuram |        |        | Ibadan |        |        | Trinidad |        |        |        |
|-------|--------------|--------|--------|--------|--------|--------|----------|--------|--------|--------|
|       | Person years at risk | Cases | Rate * | 95% CI | Person years at risk | Cases | Rate * | 95% CI | Person years at risk | Cases | Rate * | 95% CI |
| 18-19 | 37,032        | 4      | 10.8   | 0.2-21.4 | 54,359 | 6      | 11.01  | 2.2-19.9 | 51,861 | 48     | 92.6   | 66.4-118.7 |
| 20-24 | 98,857        | 26     | 26.3   | 16.2-36.4 | 120,426 | 24     | 19.9   | 12.0-27.9 | 60,278 | 89     | 147.6  | 117.0-178.3 |
| 25-29 | 103,461       | 16     | 15.5   | 7.9-23.0 | 112,479 | 24     | 21.3   | 12.8-29.9 | 67,069 | 50     | 74.6   | 53.9-95.2 |
| 30-34 | 93,564        | 19     | 20.3   | 11.2-29.4 | 93,357 | 19     | 20.4   | 11.2-29.5 | 58,827 | 44     | 74.8   | 52.7-96.9 |
| 35-39 | 86,206        | 9      | 10.4   | 3.6-17.3 | 75,587 | 10     | 13.2   | 5.0-21.4 | 50,067 | 22     | 43.9   | 25.6-62.3 |
| 40-44 | 72,984        | 6      | 8.2    | 1.6-14.8 | 65,616 | 4      | 6.1    | 0.1-12.1 | 44,815 | 12     | 26.8   | 11.6-41.9 |
| 45-49 | 64,170        | 6      | 9.4    | 1.9-16.8 | 53,130 | 4      | 7.5    | 0.2-14.9 | 50,907 | 8      | 15.7   | 4.8-26.6 |
| 50-54 | 50,277        | 9      | 17.9   | 6.2-29.6 | 43,228 | 2      | 4.6    | 0.1-11.0 | 47,813 | 6      | 12.5   | 2.5-22.6 |
| 55-59 | 41,331        | 5      | 12.1   | 1.5-22.7 | 26,958 | 2      | 7.4    | 0.1-17.7 | 40,878 | 4      | 9.8    | 0.2-19.4 |
| 60-64 | 35,486        | 2      | 5.6    | 0.1-13.4 | 27,868 | 1      | 3.6    | 0.1-10.6 | 35,125 | 2      | 5.7    | 0.1-13.6 |

* Rate per 100,000 person years of risk

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### eTable 6. Age (at Onset)–Specific Rates of Psychosis (Women)

| Age   | Kancheepuram | Person years at risk | Cases | Rate * | 95% CI | Person years at risk | Cases | Rate * | 95% CI | Person years at risk | Cases | Rate * | 95% CI |
|-------|--------------|----------------------|-------|--------|--------|----------------------|-------|--------|--------|----------------------|-------|--------|--------|
| 18-19 |              | 34,782               | 4     | 11.5   | 0.2-22.8 | 53,313               | 4     | 7.5    | 0.2-14.9 | 51,546               | 14    | 27.2   | 12.9-41.4 |
| 20-24 |              | 104,170              | 18    | 17.3   | 9.3-25.3 | 136,313              | 14    | 10.3   | 4.9-15.7 | 61,144               | 26    | 42.5   | 26.2-58.9 |
| 25-29 |              | 110,928              | 18    | 16.2   | 8.7-23.7 | 142,135              | 19    | 13.4   | 7.4-19.4 | 68,116               | 36    | 52.9   | 35.6-70.1 |
| 30-34 |              | 88,700               | 25    | 28.2   | 17.1-39.2 | 108,610              | 14    | 12.9   | 6.1-19.6 | 57,285               | 28    | 48.9   | 30.8-67.0 |
| 35-39 |              | 86,664               | 25    | 28.8   | 17.5-40.2 | 82,151               | 11    | 13.4   | 5.5-21.3 | 48,343               | 35    | 70.9   | 47.4-94.4 |
| 40-44 |              | 68,005               | 15    | 22.1   | 10.9-33.2 | 65,676               | 8     | 12.2   | 3.7-20.6 | 45,968               | 18    | 39.2   | 21.1-57.2 |
| 45-49 |              | 62,551               | 17    | 27.2   | 14.3-40.1 | 47,903               | 4     | 8.4    | 0.2-16.5 | 51,355               | 12    | 23.4   | 10.1-36.6 |
| 50-54 |              | 49,260               | 8     | 16.2   | 5.0-27.5 | 44,545               | 5     | 11.2   | 1.4-21.1 | 48,931               | 14    | 28.6   | 13.6-43.6 |
| 55-59 |              | 41,160               | 7     | 17.0   | 4.4-29.6 | 22,991               | 7     | 30.4   | 7.9-53.0 | 43,203               | 10    | 23.1   | 8.8-37.5 |
| 60-64 |              | 35,071               | 1     | 2.9    | 0.1-8.4 | 29,583               | 2     | 6.8    | 0.1-16.1 | 35,279               | 4     | 11.3   | 0.2-22.4 |

* Rate per 100,000 person years of risk
### eTable 7. Age- and Sex-Standardized Rates of Untreated Psychoses by Ethnic Group and Sex. (Trinidad Only)

| Ethnic Group | Person Years | Cases | Rate * | 95% CI | RR ** | 95% CI |
|--------------|--------------|-------|--------|--------|--------|--------|
| **All psychoses** |              |       |        |        |        |        |
| Men          |              |       |        |        |        |        |
| Indian       | 134,798       | 67    | 53.3   | 40.4-66.2 | 1.00   | -      |
| Mixed        | 121,083       | 81    | 63.8   | 49.9-77.8 | 1.18   | 0.85-1.63 |
| African      | 193,375       | 185   | 99.6   | 85.2-114.0 | 1.83   | 1.38-2.42 |
| Women        |              |       |        |        |        |        |
| Indian       | 134,015       | 46    | 34.6   | 24.4-44.8 | 1.00   | -      |
| Mixed        | 131,998       | 49    | 37.6   | 27.0-48.1 | 1.05   | 0.70-1.57 |
| African      | 192,062       | 133   | 71.2   | 59.0-83.4 | 2.00   | 1.43-2.80 |

* Rate per 100,000 person years of risk

** Adjusted for age and sex; modelled using Poisson regression

**RR** Rate Ratio
### eTable 8. Age- and Sex-Standardized Rates of All and of Short-Duration Psychosis (for All and Short Duration Cases)

|                      | All cases | Rate (1) * | 95% CI       | RR ** | 95% CI       | Rate (2) * | 95% CI | RR ** | 95% CI |
|----------------------|-----------|------------|--------------|-------|--------------|------------|-------|-------|-------|
| All psychoses        |           |            |              |       |              |            |       |       |       |
| Kancheepuram         | 268       | 20.7       | 18.2-23.2    | 1.00  | -            | 76         | 5.7   | 4.4-6.9 | 1.00  | -     |
| Ibadan               | 196       | 14.4       | 12.3-16.5    | 0.71  | 0.59-0.85    | 108        | 7.8   | 6.3-9.4 | 1.32  | 0.98-1.77 |
| Trinidad             | 574       | 59.1       | 54.2-64.0    | 3.03  | 2.62-3.51    | 406        | 41.6  | 37.5-45.7 | 7.68  | 6.01-8.92 |

(1) All cases

(2) Recent onset (i.e., duration of psychosis of less than 2 years) cases only

* Rate per 100,000 person years of risk

^ Duration of psychosis less than 2 years

** Adjusted for age and sex; modelled using Poisson regression

RR Rate Ratio
**eTable 9. Rate Ratios for Men vs Women, by Age (at Detection) Category**

| Age  | Rate Ratio (men vs. women) | 95% CI     | Rate Ratio (men vs. women) | 95% CI     | Rate Ratio (men vs. women) | 95% CI     |
|------|---------------------------|------------|---------------------------|------------|---------------------------|------------|
| 18-19| 2.82                      | 0.29-27.09 | 0.98                      | 0.14-6.96  | 1.79                      | 0.95-3.36  |
| 20-24| 1.40                      | 0.59-3.33  | 2.15                      | 1.00-4.63  | 3.30                      | 2.21-4.94  |
| 25-29| 3.00                      | 1.08-8.33  | 3.03                      | 1.45-6.34  | 1.88                      | 1.24-2.86  |
| 30-34| 0.68                      | 0.34-1.40  | 1.38                      | 0.71-2.69  | 1.48                      | 0.95-2.29  |
| 35-39| 0.50                      | 0.25-1.01  | 0.82                      | 0.39-1.72  | 1.10                      | 0.70-1.72  |
| 40-44| 0.43                      | 0.22-0.85  | 1.18                      | 0.53-2.64  | 0.68                      | 0.39-1.20  |
| 45-49| 0.56                      | 0.30-1.06  | 0.72                      | 0.28-1.83  | 0.94                      | 0.45-1.95  |
| 50-54| 0.62                      | 0.30-1.27  | 0.29                      | 0.06-1.42  | 0.40                      | 0.19-0.87  |
| 55-59| 0.86                      | 0.41-1.81  | 0.57                      | 0.10-3.40  | 1.06                      | 0.42-2.66  |
| 60-64| 0.72                      | 0.29-1.79  | 0.27                      | 0.06-1.25  | 0.67                      | 0.24-1.88  |

Likelihood Ratio Tests: $\chi^2$ and p-values for interactions by age category and sex:

- Kancheepuram: $\chi^2 17.12$, df 9, p 0.047
- Ibadan: $\chi^2 20.51$, df 9, p 0.015
- Trinidad: $\chi^2 44.88$, df 9, p < 0.001
**eTable 10.** Rate Ratios for Men vs Women, by Age (at Onset) Category

| Age   | Kancheepuram Rate Ratio (men vs. women) | 95% CI   | Kancheepuram Rate Ratio (men vs. women) | 95% CI   | Ibadan Rate Ratio (men vs. women) | 95% CI   | Trinidad Rate Ratio (men vs. women) | 95% CI   |
|-------|----------------------------------------|----------|----------------------------------------|----------|-----------------------------------|----------|-------------------------------------|----------|
| 18-19 | 0.94                                   | 0.23-3.76| 1.47                                   | 0.42-5.21| 3.40                             | 1.88-6.18|                                     |          |
| 20-24 | 1.53                                   | 0.83-2.78| 1.94                                   | 1.00-3.75| 3.47                             | 2.24-5.37|                                     |          |
| 25-29 | 0.95                                   | 0.49-1.87| 1.60                                   | 0.87-2.91| 1.41                             | 0.92-2.16|                                     |          |
| 30-34 | 0.72                                   | 0.40-1.31| 1.47                                   | 0.75-2.90| 1.53                             | 0.95-2.46|                                     |          |
| 35-39 | 0.36                                   | 0.17-0.78| 1.09                                   | 0.45-2.61| 0.62                             | 0.36-1.06|                                     |          |
| 40-44 | 0.37                                   | 0.14-0.96| 0.50                                   | 0.15-1.66| 0.68                             | 0.33-1.42|                                     |          |
| 45-49 | 0.34                                   | 0.14-0.87| 1.13                                   | 0.30-4.20| 0.67                             | 0.27-1.65|                                     |          |
| 50-54 | 1.10                                   | 0.43-2.86| 0.41                                   | 0.08-2.12| 0.44                             | 0.17-1.14|                                     |          |
| 55-59 | 0.71                                   | 0.23-2.24| 0.24                                   | 0.05-1.17| 0.42                             | 0.13-1.35|                                     |          |
| 60-64 | 1.98                                   | 0.18-21.80| 0.53                                   | 0.05-5.85| 0.50                             | 0.09-2.74|                                     |          |

Likelihood Ratio Tests: $\chi^2$ and p-values for interactions by age category and sex:

- Kancheepuram: $\chi^2 16.49, df 9, p 0.057$
- Ibadan: $\chi^2 12.87, df 9, p 0.169$
- Trinidad: $\chi^2 57.18, df 9, p < 0.001$

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**eFigure.** Sex- and Age-Specific Rates of Untreated Psychosis by Site

(a) Kancheepuram, Tamil Nadu, India

![Graph showing sex-specific rates of untreated psychosis by age group in Kancheepuram, Tamil Nadu, India.](image)

Likelihood Ratio Test for interaction: $\chi^2 16.49$, df 9, $p = 0.057$

(b) Ibadan, Nigeria

![Graph showing sex-specific rates of untreated psychosis by age group in Ibadan, Nigeria.](image)

Likelihood Ratio Test for interaction: $\chi^2 12.87$, df 9, $p = 0.169$

(c) Trinidad

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Likelihood Ratio Test for interaction: $\chi^2 57.18$, df 9, $p < 0.001$