**S5 Table. Incidence rates (IRs) and adjusted hazard ratios (HRs) with 95% confidence intervals (CIs) of high-risk HPV infection by severity of mental illness**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Any high risk-HPV**1 | | **HPV16/18** | | **Other high risk-HPV** | |
| Group | *Person-years* | *No. of infection* | *adjusted HR (95%CI)* 2 | *No. of infection* | *adjusted HR (95%CI)* 2 | *No. of infection* | *adjusted HR (95%CI)* 2 |
| **Any diagnosis of mental disorder** | | | | | | | |
| No | 436,011 | 1,557 | Reference | 300 | Reference | 1,332 | Reference |
| Only primary care 3 | 232,483 | 1,087 | 1·43 (1·33-1·55) | 189 | 1·28 (1·07-1·54) | 949 | 1·47 (1·35-1·60) |
| Secondary care 4 | 110,648 | 619 | 1·54 (1·40-1·69) | 108 | 1·39 (1·11-1·73) | 545 | 1·59 (1·44-1·75) |

1 High-risk HPV includes 14 types: 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, and 68

2 Adjusted for age, country of birth, educational level, HPV vaccination status, and maternal history of CIN3+

3 Only dispensed with psychotropic medication but not attended by a specialist

4 Secondary care with or without primary care, reflected by clinical diagnosis by a specialist