## SUPPLEMENTARY FILE

Table S1. Associations of using at least one medication for mental disorders with entering paid employment among secondary vocational education ( $\mathrm{N}=1004395$ ) and higher education graduates $(\mathrm{N}=1341998)$, and with exiting paid employment among secondary vocational education ( $\mathrm{N}=866545$ ) and higher education graduates ( $\mathrm{N}=969885$ ) who entered paid employment, stratified by sex and migration background.

| Secondary vocational education |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Among all graduates$(\mathrm{N}=1004395)$ |  | Among graduates who entered paid employment$(\mathrm{N}=866545)$ |  |
|  | Prevalence of medication N (\%) | Enter paid employment HR (95\% CI) ${ }^{1}$ | Prevalence of medication N (\%) | Exit paid employment HR ( $95 \% \mathrm{CI})^{1}$ |
| Sex <br> - Female <br> - Male <br> - Transgender | $\begin{gathered} 26046(5.5) \\ 26261(5.0) \\ 86(13.5) \\ \hline \end{gathered}$ | $\begin{array}{r} 0.72(0.71-0.73) \\ 0.70(0.69-0.71) \\ 0.76(0.57-0.998) \\ \hline \end{array}$ | $\begin{gathered} 20676(5.1) \\ 21503(4.6) \\ 60(12.8) \\ \hline \end{gathered}$ | $\begin{aligned} & 1.32(1.29-1.35) \\ & 1.51(1.47-1.55) \\ & 1.11(0.72-1.71) \\ & \hline \end{aligned}$ |
| Migration background <br> - Native Dutch <br> - Moroccan <br> - Turkish <br> - Antillean <br> - Other European <br> - Other non-European | $\begin{gathered} 43484(5.9) \\ 1017(2.6) \\ 1180(2.6) \\ 1581(3.3) \\ 1385(5.4) \\ 3746(3.6) \end{gathered}$ |  | $\begin{gathered} 35837(5.4) \\ 677(2.2) \\ 878(2.5) \\ 1083(2.8) \\ 1079(5.0) \\ 2685(3.5) \end{gathered}$ | $\begin{aligned} & 1.49(1.46-1.52) \\ & 1.27(1.15-1.41) \\ & 1.22(1.11-1.35) \\ & 1.14(1.05-1.25) \\ & 1.38(1.25-1.51) \\ & 1.13(1.07-1.20) \end{aligned}$ |
| Higher education |  |  |  |  |
|  | Among all graduates$(\mathrm{N}=1341998)$ |  | Among graduates who entered paid employment$(\mathrm{N}=969885)$ |  |
|  | Prevalence of medication N (\%) | Enter paid employment HR ( $95 \% \mathrm{CL})^{1}$ | Prevalence of medication N (\%) | Exit paid employment HR ( $95 \% \mathrm{CL})^{1}$ |
| Sex <br> - Female <br> - Male <br> - Transgender | $\begin{gathered} 31473(4.3) \\ 21214(3.5) \\ 96(15.6) \\ \hline \end{gathered}$ | $\begin{aligned} & 0.70(0.69-0.71) \\ & 0.67(0.66-0.68) \\ & 0.70(0.51-0.95) \end{aligned}$ | $\begin{gathered} 22435(4.2) \\ 14412(3.3) \\ 49(14.6) \\ \hline \end{gathered}$ | $\begin{aligned} & 1.38(1.35-1.42) \\ & 1.45(1.40-1.49) \\ & 1.30(0.78-2.16) \\ & \hline \end{aligned}$ |
| Migration background <br> - Native Dutch <br> - Moroccan <br> - Turkish <br> - Antillean <br> - Other European <br> - Other non-European | $\begin{gathered} 43206(4.4) \\ 688(3.0) \\ 843(3.3) \\ 1294(3.4) \\ 1812(4.4) \\ 4940(2.2) \end{gathered}$ | $\begin{aligned} & 0.65(0.64-0.66) \\ & 0.59(0.54-0.64) \\ & 0.71(0.66-0.78) \\ & 0.71(0.67-0.76) \\ & 0.78(0.73-0.82) \\ & 1.13(1.09-1.17) \end{aligned}$ | $\begin{gathered} 30455(4.0) \\ 490(2.7) \\ 593(3.1) \\ 890(3.0) \\ 1203(4.3) \\ 3265(2.8) \end{gathered}$ | $\begin{aligned} & 1.45(1.42-1.48) \\ & 1.30(1.12-1.51) \\ & 1.37(1.20-1.57) \\ & 1.18(1.05-1.32) \\ & 1.26(1.14-1.39) \\ & 1.28(1.20-1.35) \end{aligned}$ |

${ }^{1}$ Adjusted for sociodemographics (age at graduation, sex, migration background)

Table S2. Associations of medication use for mental disorders with entering paid employment among all secondary vocational education graduates ( $\mathrm{N}=1004395$ ), and with exiting paid employment among secondary vocational education graduates $(\mathrm{N}=866545)$ who entered to paid employment, stratified by sex and migration background.

|  | Secondary vocational education |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Antipsychotics |  |  |  | Anxiolytics |  |  |  |
|  | Among all graduates$(\mathrm{N}=1004395)$ |  | Among graduates who entered paid employment$(\mathrm{N}=866545)$ |  | Among all graduates$\text { (N = } 1004 \text { 395) }$ |  | Among graduates who entered paid employment$(\mathrm{N}=866545)$ |  |
|  | Prevalence N (\%) | Entrance to paid employment HR ( $95 \%$ CI) ${ }^{1}$ | Prevalence N (\%) | Exit from paid employment HR $(95 \% \mathrm{CI})^{1}$ | Prevalence $\mathrm{N}(\%)$ | Entrance to paid employment HR $(95 \% \mathrm{CI})^{1}$ | Prevalence N (\%) | Exit from paid employment HR ( $95 \% \mathrm{CI})^{1}$ |
| Sex <br> - Female <br> - Male <br> - Transgender | $\begin{gathered} 3196(0.7) \\ 4592(0.9) \\ 20(3.1) \\ \hline \end{gathered}$ | $\begin{aligned} & 0.44(0.42-0.46) \\ & 0.44(0.43-0.46) \\ & 0.40(0.22-0.76) \end{aligned}$ | $\begin{gathered} 1996(0.5) \\ 3250(0.7) \\ 10(2.1) \\ \hline \end{gathered}$ | $\begin{aligned} & 1.78(1.66-1.90) \\ & 1.99(1.88-2.09) \\ & 2.00(0.82-4.94) \end{aligned}$ | $\begin{gathered} 3262(0.7) \\ 1789(0.3) \\ x \\ \hline \end{gathered}$ | $\begin{aligned} & 0.69(0.66-0.71) \\ & 0.56(0.53-0.59) \\ & 1.37(0.57-3.32) \\ & \hline \end{aligned}$ | $\begin{gathered} 2530(0.6) \\ 1387(0.3) \\ x \\ \hline \end{gathered}$ | $\begin{aligned} & 1.36(1.27-1.44) \\ & 1.52(1.39-1.65) \\ & 2.24(0.71-7.05) \\ & \hline \end{aligned}$ |
| Migration background <br> - Native Dutch <br> - Moroccan <br> - Turkish <br> - Antillean <br> - Other European <br> - Other non-European | $\begin{gathered} 6090(0.8) \\ 178(0.5) \\ 171(0.4) \\ 360(0.7) \\ 240(0.9) \\ 769(0.7) \end{gathered}$ | $\begin{aligned} & 0.46(0.44-0.47) \\ & 0.40(0.33-0.49) \\ & 0.40(0.33-0.48) \\ & 0.36(0.31-0.42) \\ & 0.45(0.39-0.53) \\ & 0.48(0.44-0.53) \end{aligned}$ | $\begin{gathered} 4265(0.6) \\ 99(0.3) \\ 104(0.3) \\ 187(0.5) \\ 157(0.7) \\ 444(0.6) \end{gathered}$ | $\begin{aligned} & 2.08(1.99-2.18) \\ & 1.40(1.07-1.85) \\ & 1.66(1.29-2.14) \\ & 1.37(1.13-1.68) \\ & 1.69(1.35-2.12) \\ & 1.42(1.24-1.63) \end{aligned}$ | $\begin{gathered} 3634(0.5) \\ 211(0.5) \\ 247(0.6) \\ 287(0.6) \\ 143(0.6) \\ 535(0.5) \end{gathered}$ | $\begin{aligned} & 0.62(0.60-0.64) \\ & 0.65(0.55-0.76) \\ & 0.79(0.68-0.91) \\ & 0.72(0.63-0.82) \\ & 0.62(0.52-0.75) \\ & 0.70(0.63-0.78) \end{aligned}$ | $\begin{gathered} 2909(0.4) \\ 144(0.5) \\ 192(0.5) \\ 205(0.5) \\ 107(0.5) \\ 265(0.5) \end{gathered}$ | $\begin{aligned} & 1.55(1.46-1.65) \\ & 1.27(1.01-1.58) \\ & 1.31(1.08-1.59) \\ & 1.07(0.88-1.30) \\ & 1.51(1.14-2.00) \\ & 1.10(0.94-1.28) \end{aligned}$ |
|  | Hypnotics \& sedatives |  |  |  | Antidepressants |  |  |  |
|  | Among all graduates$(\mathrm{N}=1004395)$ |  | Among graduates who entered paid employment$(\mathrm{N}=866545)$ |  | Among all graduates$\text { ( } \mathrm{N}=1004 \text { 395) }$ |  | Among graduates who entered paid employment$(\mathrm{N}=866545)$ |  |
|  | Prevalence $\mathrm{N} \text { (\%) }$ | Entrance to paid employment HR ( $95 \% \mathrm{CI})^{1}$ | Prevalence N (\%) | Entrance to paid employment HR ( $95 \%$ CI) ${ }^{1}$ | Prevalence $\mathrm{N}(\%)$ | Entrance to paid employment HR ( $95 \%$ CI) ${ }^{1}$ | Prevalence $\mathrm{N}(\%)$ | Entrance to paid employment HR ( $95 \%$ CI) ${ }^{1}$ |
| Sex <br> - Female <br> - Male <br> - Transgender | $\begin{gathered} 1346(0.3) \\ 840(0.2) \\ x \\ \hline \end{gathered}$ | $\begin{aligned} & 0.57(0.53-0.60) \\ & 0.53(0.49-0.58) \\ & 1.45(0.53-3.96) \\ & \hline \end{aligned}$ | $\begin{gathered} 942(0.2) \\ 619(0.1) \\ \mathrm{x} \end{gathered}$ | $\begin{gathered} 1.41 \text { (1.27-1.57) } \\ 1.91 \text { (1.68-2.17) } \\ - \\ \hline \end{gathered}$ | $\begin{gathered} 14345(3.0) \\ 6106(1.2) \\ 47(7.4) \\ \hline \end{gathered}$ | $\begin{aligned} & 0.73(0.72-0.74) \\ & 0.65(0.63-0.67) \\ & 0.78(0.54-1.12) \\ & \hline \end{aligned}$ | $\begin{gathered} 11729(2.9) \\ 5041(1.1) \\ 33(7.1) \\ \hline \end{gathered}$ | $\begin{aligned} & 1.35(1.31-1.39) \\ & 1.64(1.57-1.72) \\ & 1.07(0.59-1.94) \\ & \hline \end{aligned}$ |
| Migration background <br> - Native Dutch <br> - Moroccan <br> - Turkish <br> - Antillean <br> - Other European <br> - Other non-European | $\begin{gathered} 1534(0.2) \\ 99(0.3) \\ 88(0.2) \\ 135(0.3) \\ 55(0.2) \\ 280(0.3) \end{gathered}$ | $\begin{aligned} & 0.53(0.50-0.57) \\ & 0.52(0.40-0.66) \\ & 0.72(056-0.92) \\ & 0.54(0.44-0.67) \\ & 0.50(0.36-0.69) \\ & 0.68(0.59-0.78) \end{aligned}$ | $\begin{gathered} 1130(0.2) \\ 63(0.2) \\ 64(0.2) \\ 85(0.2) \\ 35(0.2) \\ 188(0.2) \\ \hline \end{gathered}$ | $\begin{aligned} & 1.80(1.63-1.98) \\ & 1.26(0.89-1.78) \\ & 0.81(0.53-1.23) \\ & 1.17(0.86-1.60) \\ & 1.36(0.80-2.29) \\ & 1.48(1.20-1.83) \\ & \hline \end{aligned}$ | $\begin{gathered} 16628(2.2) \\ 437(1.1) \\ 597(1.3) \\ 544(1.1) \\ 564(2.2) \\ 1728(1.7) \end{gathered}$ | $\begin{aligned} & 0.70(0.69-0.71) \\ & 0.60(0.54-0.67) \\ & 0.67(0.61-0.74) \\ & 0.72(0.65-0.79) \\ & 0.72(0.65-0.79) \\ & 0.76(0.72-0.80) \end{aligned}$ | $\begin{gathered} 13952(2.1) \\ 314(1.0) \\ 454(1.3) \\ 384(1.0) \\ 447(2.1) \\ 1252(1.6) \\ \hline \end{gathered}$ | $1.50(1.45-1.54)$ $1.39(1.19-1.61)$ $1.23(1.08-1.40)$ $1.15(0.99-1.33)$ $1.33(1.15-1.54)$ $1.19(1.09-1.29)$ |
|  | Psychostimulants |  |  |  | Drugs for addiction |  |  |  |
|  | Among all graduates$\text { (N = } 1004 \text { 395) }$ |  | Among graduates who entered paid employment$(\mathrm{N}=866545)$ |  | Among all graduates$\text { ( } \mathrm{N}=1004 \text { 395) }$ |  | Among graduates who entered paid employment$(\mathrm{N}=866545)$ |  |
|  | Prevalence $\mathrm{N}(\%)$ | $\begin{gathered} \text { Entrance to paid } \\ \text { employment } \\ \text { HR }(95 \% \mathrm{CI})^{1} \\ \hline \end{gathered}$ | Prevalence $\mathrm{N}(\%)$ | $\begin{gathered} \text { Entrance to paid } \\ \text { employment } \\ \text { HR }(95 \% \mathrm{CI})^{1} \\ \hline \end{gathered}$ | Prevalence $\mathrm{N}(\%)$ | $\begin{aligned} & \text { Entrance to paid } \\ & \text { employment } \\ & \text { HR }(95 \% \mathrm{CD})^{1} \\ & \hline \end{aligned}$ | Prevalence $\mathrm{N}(\%)$ | $\begin{gathered} \text { Entrance to paid } \\ \text { employment } \\ \text { HR }(95 \% \mathrm{CI})^{1} \\ \hline \end{gathered}$ |
| Sex <br> - Female <br> - Male <br> - Transgender | $\begin{gathered} 8196 \text { (1.7) } \\ 16475(3.1) \\ 27(4.2) \\ \hline \end{gathered}$ | $\begin{aligned} & 0.76(0.74-0.78) \\ & 0.79(0.78-0.81) \\ & 0.82(0.52-1.30) \\ & \hline \end{aligned}$ | $\begin{gathered} 6404 \text { (1.6) } \\ 13716 \text { (3.0) } \\ 19(4.1) \\ \hline \end{gathered}$ | $\begin{aligned} & 1.23(1.18-1.28) \\ & 1.42(1.37-1.46) \\ & 1.22(0.62-2.41) \\ & \hline \end{aligned}$ | $\begin{gathered} 382(0.1) \\ 384(0.1) \\ \mathrm{x} \\ \hline \end{gathered}$ | $\begin{aligned} & 0.83(0.75-0.93) \\ & 0.78(0.70-0.86) \\ & 0.60(0.15-2.40) \\ & \hline \end{aligned}$ | $\begin{gathered} 328(0.1) \\ 349(0.1) \\ \mathrm{x} \\ \hline \end{gathered}$ | $\begin{aligned} & 1.20(0.99-1.46) \\ & 2.08(1.76-2.47) \end{aligned}$ |
| Migration background <br> - Native Dutch <br> - Moroccan <br> - Turkish <br> - Antillean <br> - Other European <br> - Other non-European | $\begin{gathered} 21983(3.0) \\ 262(0.7) \\ 239(0.5) \\ 506(1.0) \\ 605(2.4) \\ 1103(1.1) \\ \hline \end{gathered}$ | 0.78 (0.76-0.79) <br> 0.66 (0.56-0.78) <br> 0.77 (0.66-0.89) <br> 0.80 (0.71-0.89) <br> 0.85 (0.78-0.93) <br> 1.00 (0.94-1.07) | $\begin{gathered} 18155(2.7) \\ 153(0.5) \\ 171(0.5) \\ 331(0.9) \\ 485(2.2) \\ 844(1.1) \\ \hline \end{gathered}$ | $\begin{aligned} & 1.42(1.38-1.46) \\ & 1.27(1.03-1.57) \\ & 1.17(0.94-1.44) \\ & 1.00(0.85-1.18) \\ & 1.30(1.12-1.49) \\ & 0.98(0.88-1.09) \\ & \hline \end{aligned}$ | $\begin{gathered} 600(0.1) \\ 15(0.0) \\ 27(0.1) \\ 33(0.1) \\ 24(0.1) \\ 70(0.1) \\ \hline \end{gathered}$ | $\begin{aligned} & 0.79(0.73-0.86) \\ & 0.60(0.33-1.09) \\ & 0.90(0.59-1.37) \\ & 0.87(0.60-1.27) \\ & 0.56(0.36-0.88) \\ & 1.14(0.88-1.47) \\ & \hline \end{aligned}$ | $\begin{gathered} 540(0.1) \\ 11(0.0) \\ 22(0.1) \\ 28(0.1) \\ 19(0.1) \\ 59(0.1) \\ \hline \end{gathered}$ | $\begin{aligned} & 1.79(1.54-2.07) \\ & 0.63(0.16-2.53) \\ & 1.16(0.64-2.09) \\ & 1.36(0.80-2.29) \\ & 1.34(0.64-2.82) \\ & 1.07(0.71-1.62) \\ & \hline \end{aligned}$ |

${ }^{1}$ Adjusted for sociodemographics (age at graduation, sex, migration background)
${ }^{\mathrm{x}}$ Number of individuals below 10 were not showed in the table due to the risk of disclosure

Table S3. Associations of medication use for mental disorders with entering paid employment among all higher education graduates ( $\mathrm{N}=1341998$ ), and with exiting paid employment among higher education graduates ( $\mathrm{N}=969885$ ) who entered to paid employment, stratified by sex and migration background.

|  | Higher education ${ }^{1}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Antipsychotics |  |  |  | Anxiolytics |  |  |  |
|  | Among all graduates$(\mathrm{N}=1341998)$ |  | Among graduates who entered paid employment$(\mathrm{N}=969885)$ |  | Among all graduates$(\mathrm{N}=1341998)$ |  | Among graduates who entered paid employment$(\mathrm{N}=969885)$ |  |
|  | Prevalence $\mathrm{N}(\%)$ | $\begin{gathered} \hline \text { Entrance to paid } \\ \text { employment } \\ \text { HR }(95 \% \mathrm{CI})^{1} \\ \hline \end{gathered}$ | Prevalence $\mathrm{N}(\%)$ | Exit from paid employment HR ( $95 \% \mathrm{CI})^{1}$ | Prevalence $\mathrm{N}(\%)$ | $\begin{aligned} & \hline \text { Entrance to paid } \\ & \text { employment } \\ & \text { HR }(95 \% \mathrm{CI})^{1} \\ & \hline \end{aligned}$ | Prevalence $\mathrm{N}(\%)$ | $\begin{gathered} \text { Entrance to paid } \\ \text { employment } \\ \text { HR }(95 \% \mathrm{CD})^{1} \\ \hline \end{gathered}$ |
| Sex <br> - Female <br> - Male <br> - Transgender | $\begin{gathered} 2707(0.4) \\ 1878(0.3) \\ 21(3.4) \\ \hline \end{gathered}$ | $\begin{aligned} & 0.45(0.43-0.47) \\ & 0.42(0.39-0.44) \\ & 0.69(0.39-1.24) \\ & \hline \end{aligned}$ | $1682(0.3)$ $1164(0.3)$ $12(3.6)$ | $\begin{aligned} & 1.80(1.66-1.95) \\ & 1.86(1.69-2.05) \\ & 1.37(0.53-3.49) \\ & \hline \end{aligned}$ | $\begin{gathered} 3530(0.5) \\ 1581(0.3) \\ x \\ \hline \end{gathered}$ | 0.66 (0.64-0.69) 0.64 (0.60-0.67) 2.23 (0.98-5.07) | $\begin{gathered} 2565(0.5) \\ 1146(0.3) \\ x \\ \hline \end{gathered}$ | 1.35 (1.26-1.44) <br> 1.48 (1.34-1.64) <br> 1.30 (0.18-9.39) |
| Migration background <br> - Native Dutch <br> - Moroccan <br> - Turkish <br> - Antillean <br> - Other European <br> - Other non-European | $\begin{gathered} 3590(0.4) \\ 71(0.3) \\ 80(0.3) \\ 140(0.4) \\ 186(0.4) \\ 539(0.2) \\ \hline \end{gathered}$ | $\begin{aligned} & 0.41(0.40-0.43) \\ & 0.38(0.28-0.50) \\ & 0.44(0.33-0.59) \\ & 0.41(0.33-0.51) \\ & 0.45(0.37-0.55) \\ & 0.76(0.68-0.85) \\ & \hline \end{aligned}$ | $\begin{gathered} 2253(0.3) \\ 50(0.3) \\ 48(0.2) \\ 77(0.3) \\ 110(0.3) \\ 320(0.3) \\ \hline \end{gathered}$ | $\begin{aligned} & 1.92(1.79-2.06) \\ & 1.20(0.74-1.97) \\ & 1.40(0.88-2.22) \\ & 1.23(0.84-1.80) \\ & 1.24(0.85-1.81) \\ & 1.52(1.12-2.06) \\ & \hline \end{aligned}$ | $\begin{gathered} 3814(0.4) \\ 123(0.5) \\ 157(0.6) \\ 225(0.6) \\ 205(0.5) \\ 593(0.3) \\ \hline \end{gathered}$ | $\begin{aligned} & 0.61(0.59-0.63) \\ & 0.70(0.58-0.86) \\ & 0.75(0.63-0.90) \\ & 0.64(0.55-0.75) \\ & 0.67(0.56-0.79) \\ & 1.11(1.01-1.23) \\ & \hline \end{aligned}$ | $\begin{gathered} 2808(0.4) \\ 98(0.5) \\ 118(0.6) \\ 153(0.5) \\ 138(0.5) \\ 402(0.3) \\ \hline \end{gathered}$ | $\begin{aligned} & 1.46(1.37-1.56) \\ & 1.36(0.98-1.89) \\ & 1.78(1.38-2.30) \\ & 1.06(0.81-1.40) \\ & 1.33(1.01-1.74) \\ & 1.09(0.92-1.29) \\ & \hline \end{aligned}$ |
|  | Hypnotics \& sedatives |  |  |  | Antidepressants |  |  |  |
|  | Among all graduates$(\mathrm{N}=1341998)$ |  | Among graduates who entered paid employment$(\mathrm{N}=969885)$ |  | Among all graduates$(\mathrm{N}=1341998)$ |  | Among graduates who entered paid employment$(\mathrm{N}=969885)$ |  |
|  | Prevalence $\mathrm{N}(\%)$ | $\begin{gathered} \hline \text { Entrance to paid } \\ \text { employment } \\ \text { HR }(95 \% \mathrm{CI})^{1} \\ \hline \end{gathered}$ | Prevalence $\mathrm{N}(\%)$ | $\begin{gathered} \hline \text { Entrance to paid } \\ \text { employment } \\ \text { HR }(95 \% \mathrm{CI})^{1} \\ \hline \end{gathered}$ | Prevalence $\mathrm{N}(\%)$ | Entrance to paid employment HR ( $95 \%$ CI) ${ }^{1}$ | Prevalence $\mathrm{N}(\%)$ | $\begin{gathered} \text { Entrance to paid } \\ \text { employment } \\ \text { HR }(95 \% \mathrm{CD})^{1} \\ \hline \end{gathered}$ |
| Sex <br> - Female <br> - Male <br> - Transgender | $\begin{gathered} 1493(0.2) \\ 727(0.1) \\ x \\ \hline \end{gathered}$ | $\begin{aligned} & 0.55(0.51-0.58) \\ & 0.52(0.48-0.57) \\ & 0.51(0.19-1.37) \\ & \hline \end{aligned}$ | $\begin{gathered} 1016(0.2) \\ 469(0.1) \\ x \\ \hline \end{gathered}$ | $\begin{array}{r} 1.52(1.37-1.70) \\ 1.47(1.24-1.75) \\ 1.55(0.21-11.23) \\ \hline \end{array}$ | $\begin{gathered} 17910(2.4) \\ 7327 \text { (1.2) } \\ 54(8.8) \\ \hline \end{gathered}$ | 0.72 (0.70-0.73) 0.69 (0.67-0.71) 0.60 (0.39-0.91) | $\begin{gathered} 13466(2.5) \\ 5515(1.3) \\ 25(7.4) \\ \hline \end{gathered}$ | $\begin{aligned} & 1.39(1.35-1.44) \\ & 1.46(1.39-1.53) \\ & 2.15(1.16-3.97) \\ & \hline \end{aligned}$ |
| Migration background <br> - Native Dutch <br> - Moroccan <br> - Turkish <br> - Antillean <br> - Other European <br> - Other non-European | $\begin{gathered} 1670(0.2) \\ 52(0.2) \\ 72(0.3) \\ 104(0.3) \\ 98(0.2) \\ 231(0.1) \\ \hline \end{gathered}$ | $\begin{aligned} & 0.51(0.48-0.54) \\ & 0.41(0.29-0.57) \\ & 0.53(0.40-0.71) \\ & 0.51(0.40-0.65) \\ & 0.62(0.48-0.78) \\ & 0.93(0.79-1.09) \\ & \hline \end{aligned}$ | $\begin{gathered} 1130(0.1) \\ 34(0.2) \\ 46(0.2) \\ 66(0.2) \\ 66(0.2) \\ 147(0.1) \\ \hline \end{gathered}$ | $\begin{aligned} & 1.58(1.42-1.75) \\ & 1.26(0.70-2.28) \\ & 1.60(1.01-2.54) \\ & 1.28(0.84-1.95) \\ & 1.71(1.18-2.48) \\ & 1.19(0.89-1.61) \\ & \hline \end{aligned}$ | $\begin{gathered} 20639(2.1) \\ 367(1.6) \\ 440(1.7) \\ 590(1.5) \\ 866(2.1) \\ 2389(1.1) \\ \hline \end{gathered}$ | $\begin{aligned} & 0.67(0.66-0.68) \\ & 0.53(0.47-0.60) \\ & 0.66(0.59-0.74) \\ & 0.72(0.65-0.79) \\ & 0.81(0.75-0.88) \\ & 1.16(1.10-1.22) \\ & \hline \end{aligned}$ | $\begin{gathered} 15720(2.1) \\ 263(1.4) \\ 312(1.6) \\ 432(1.5) \\ 612(2.2) \\ 1667(1.4) \\ \hline \end{gathered}$ | $\begin{aligned} & 1.45(1.41-1.49) \\ & 1.31(1.08-1.60) \\ & 1.40(1.17-1.67) \\ & 1.28(1.09-1.49) \\ & 1.30(1.14-1.49) \\ & 1.31(1.21-1.42) \end{aligned}$ |
|  | Psychostimulants |  |  |  | Drugs for addiction |  |  |  |
|  | Among all graduates$(\mathrm{N}=1341998)$ |  | Among graduates who entered paid employment$(\mathrm{N}=969885)$ |  | Among all graduates$(\mathrm{N}=1341998)$ |  | Among graduates who entered paid employment$(\mathrm{N}=969885)$ |  |
|  | Prevalence $\mathrm{N}(\%)$ | Entrance to paid employment $\operatorname{HR}(95 \% \mathrm{CI})^{1}$ | Prevalence $\mathrm{N}(\%)$ | Entrance to paid employment HR ( $95 \%$ CI) ${ }^{1}$ | Prevalence $\mathrm{N}(\%)$ | $\begin{gathered} \hline \text { Entrance to paid } \\ \text { employment } \\ \text { HR }(95 \% \text { CI })^{1} \\ \hline \end{gathered}$ | Prevalence $\mathrm{N}(\%)$ | $\begin{aligned} & \text { Entrance to paid } \\ & \text { employment } \\ & \text { HR }\left(95 \% \text { CI) }{ }^{1}\right. \\ & \hline \end{aligned}$ |
| Sex <br> - Female <br> - Male <br> - Transgender | $\begin{gathered} 11212(1.5) \\ 12418(2.1) \\ 30(4.9) \end{gathered}$ | $\begin{aligned} & 0.67(0.66-0.69) \\ & 0.69(0.67-0.70) \\ & 0.83(0.49-1.39) \end{aligned}$ | $\begin{gathered} 7172(1.3) \\ 7876(1.8) \\ 15(4.5) \end{gathered}$ | $\begin{aligned} & 1.38(1.32-1.44) \\ & 1.42(1.36-1.49) \\ & 0.91(0.37-2.22) \end{aligned}$ | $\begin{gathered} 236(0.0) \\ 200(0.0) \\ x \end{gathered}$ | $\begin{gathered} 0.77(0.66-0.88) \\ 0.79(0.67-0.92) \\ 10.02(2.46-40.90) \end{gathered}$ | $\begin{gathered} 193(0.0) \\ 152(0.0) \\ \mathrm{x} \end{gathered}$ | $\begin{aligned} & 1.39(1.08-1.80) \\ & 1.66(1.24-2.23) \\ & 1.25(0.17-9.00) \end{aligned}$ |
| Migration background <br> - Native Dutch <br> - Moroccan <br> - Turkish <br> - Antillean <br> - Other European <br> - Other non-European | $\begin{gathered} 19876(2.0) \\ 201(0.9) \\ 246(1.0) \\ 495(1.3) \\ 810(1.9) \\ 2032(0.9) \end{gathered}$ | $\begin{aligned} & 0.65(0.64-0.66) \\ & 0.69(0.58-0.82) \\ & 0.70(0.59-0.81) \\ & 0.71(0.64-0.80) \\ & 0.80(0.73-0.88) \\ & 1.12(1.06-1.18) \end{aligned}$ | $\begin{gathered} 12716(1.7) \\ 132(0.7) \\ 155(0.8) \\ 309(1.0) \\ 503(1.8) \\ 1248(1.1) \end{gathered}$ | $\begin{aligned} & 1.45(1.41-1.50) \\ & 1.22(0.90-1.65) \\ & 1.09(0.81-1.48) \\ & 1.02(0.82-1.26) \\ & 1.14(0.97-1.35) \\ & 1.29(1.17-1.42) \end{aligned}$ | $\begin{gathered} 328(0.0) \\ \text { x } \\ 13(0.1) \\ 11(0.0) \\ 17(0.0) \\ 62(0.0) \end{gathered}$ | $\begin{aligned} & 0.72(0.64-0.81) \\ & 1.03(0.49-2.16) \\ & 0.83(0.45-1.55) \\ & 0.79(0.40-1.58) \\ & 0.55(0.30-0.99) \\ & 1.40(1.05-1.85) \end{aligned}$ | $\begin{gathered} 263(0.0) \\ x \\ 10(0.1) \\ x \\ 11(0.0) \\ 48(0.0) \end{gathered}$ | $\begin{aligned} & 1.63(1.29-2.05) \\ & 2.94(1.10-7.84) \\ & 0.78(0.25-2.43) \\ & 1.37(0.44-4.25) \\ & 2.37(1.06-5.28) \\ & 1.01(0.60-1.70) \end{aligned}$ |

Adjusted for sociodemographics (age at graduation, sex, migration background)
${ }^{\mathrm{x}}$ Number of individuals below 10 were not showed in the table due to the risk of disclosure

