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| **Table S1.** Risk of various outcomes in sex-reassigned subjects in Sweden compared to population controls matched for birth year and *birth sex*. |
| **Outcome** | **No. of events****(male-to-female/female-to-male)** | **Crude hazard ratio (95% CI)** | **Adjusted\* hazard ratio (95% CI)** |
| **All sex-reassignment persons****(N=324)** | **Male-to-female only** **(N=191)** | **Female-to-male only****(N=133)** | **All sex- reassignment persons** **(N=324)** | **Male-to-female only** **(N=191)** | **Female-to-male only****(N=133)** |
| Any death | 27 (17/10) | 2.9(1.9-4.5) | 2.6(1.5-4.5) | 3.7(1.8-7.7) | 2.8(1.8-4.3) | 2.4(1.4-4.1) | 3.8(1.8-7.9) |
|  | Death by suicide | 10 (6/4) | 19.1(6.5-55.9) | 13.9(3.9-49.6) | 40.0(4.5-357.9) | N/A | N/A | N/A |
|  | Death by cardiovascular disease | 9 (6/3) | 2.6(1.2-5.4) | 2.3(0.9-5.7) | 3.2(0.9-11.9) | N/A | N/A | N/A |
|  | Death by neoplasm | 8 (4/4) | 2.1(1.0-4.6) | 1.7(0.6-4.9) | 2.8(0.9-8.5) | N/A | N/A | N/A |
| Any psychiatric hospitalisation‡ | 64 (43/21) | 4.2(3.1-5.6) | 4.7(3.2-6.7) | 3.4(2.1-5.6) | 2.8(2.0-3.9) | 3.2(2.1-4.9) | 2.2(1.3-4.0) |
|  | Substance misuse | 22 (14/8) | 3.0(1.9-4.9) | 2.8(1.6-5.1) | 3.5(1.6-7.8) | 1.7(1.0-3.1) | 1.5(0.7-3.1) | 2.3(0.9-5.8) |
| Suicide attempt | 29 (22/7) | 7.6(4.7-12.4) | 15.4(7.9-30.2) | 2.9(1.3-6.8) | 4.9(2.9-8.5) | 10.4(4.9-22.1) | 1.9(0.7-4.8) |
| Any accident | 32 (19/13) | 1.6(1.1-2.3) | 1.4(0.9-2.2) | 1.9(1.0-3.4) | 1.4(1.0-2.1) | 1.2(0.7-2.0) | 1.8(1.0-3.3) |
| Any crime | 60 (33/27) | 1.9(1.4-2.5) | 1.2(0.8-1.7) | 5.6(3.5-9.1) | 1.3(1.0-1.8) | 0.8(0.5-1.2) | 4.1(2.5-6.9) |
|  | Violent crime | 14 (8/6) | 2.7(1.5-4.9) | 1.8(0.8-3.7) | 9.9(3.2-30.7) | 1.5(0.8-3.0) | 0.8(0.3-2.1) | 7.2(2.1-24.4) |
| **Notes:** N/A Not applicable due to sparse data. \*Adjusted for immigrant status and psychiatric morbidity up to baseline. ‡ Hospitalisations for gender identity disorder were excluded.  |