# Additional file 1: Figure S4a-c

**Figure S4a**

Title: Redeemed prescriptions of antidepressants and mental health among the young



Legend: Forest plot of hazard ratio (HR) for redeeming prescriptions of antidepressants adjusted for covariates with 95% confidence intervals (CI) for the young (16–29 years of age) from the North Denmark Region Health Survey 2010 [24]. n=2,731.

**Figure S4b**

Title: Redeemed prescriptions of antidepressants and mental health among the adults



Legend: Forest plot of hazard ratio (HR) for redeeming prescriptions of antidepressants adjusted for covariates with 95% confidence intervals (CI) for the adults (30–59 years of age) from the North Denmark Region Health Survey 2010 [24]. n=8,739.

**Figure S4c**

Title: Redeemed prescriptions of antidepressants and mental health among the elderly



Legend: Forest plot of hazard ratio (HR) for redeeming prescriptions of antidepressants adjusted for covariates with 95% confidence intervals (CI) for the elderly (≥60 years of age) from the North Denmark Region Health Survey 2010 [24]. n=4,763.