## **S5 Table.** Cardiovascular mortality according to alcohol consumption frequency in complete case analysis (n=207,394).

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Life course SEP** | |  | **Current drinkers** | | | | |  | **Current  abstainer** |
| N with/without event or  HR (95% CI) for CVD mortality | |  | **Infrequent (n=47,363)** |  | **1/month to 1/week  (n=112,783)** | **2-3/week (n=24,684)** | **4-7/week (n=3803)** |  | **(n=18,761)** |
|  | All |  | 2829/44,534 |  | 2975/109,808 | 682/24,002 | 270/3533 |  | 1679/17,082 |
|  | High |  | 696/11,516 |  | 923/34,508 | 249/9429 | 129/1539 |  | 372/5051 |
|  | Middle |  | 1496/25,012 |  | 1592/60,449 | 353/12,193 | 103/1645 |  | 882/9259 |
|  | Low |  | 637/8006 |  | 460/14,851 | 80/2380 | 38/349 |  | 425/2772 |
| Model 1 | |  |  |  |  |  |  |  |  |
|  | All |  | 1.00 |  | 0.81 (0.77, 0.85) | 0.65 (0.60, 0.71) | 0.68 (0.60, 0.77) |  | 1.17 (1.10, 1.24) |
|  | High |  | 1.00 |  | 0.75 (0.68, 0.84) | 0.54 (0.47, 0.63) | 0.63 (0.52, 0.76) |  | 1.06 (0.94, 1.21) |
|  | Middle |  | 1.00 |  | 0.86 (0.80, 0.93) | 0.77 (0.69, 0.87) | 0.69 (0.57, 0.85) |  | 1.22 (1.12, 1.32) |
|  | Low |  | 1.00 |  | 0.84 (0.74, 0.95) | 0.77 (0.61, 0.98) | 1.25 (0.90, 1.75) |  | 1.16 (1.02, 1.31) |
| Model 2 | |  |  |  |  |  |  |  |  |
|  | All |  | 1.00 |  | 0.87 (0.83, 0.92) | 0.77 (0.70, 0.84) | 0.81 (0.72, 0.92) |  | 1.19 (1.11, 1.26) |
|  | High |  | 1.00 |  | 0.80 (0.72, 0.89) | 0.61 (0.53, 0.71) | 0.75 (0.62, 0.91) |  | 1.07 (0.94, 1.22) |
|  | Middle |  | 1.00 |  | 0.92 (0.85, 0.99) | 0.88 (0.78, 0.99) | 0.71 (0.58, 0.87) |  | 1.25 (1.15, 1.36) |
|  | Low |  | 1.00 |  | 0.86 (0.75, 0.97) | 0.82 (0.65, 1.04) | 1.36 (0.97, 1.89) |  | 1.16 (1.02, 1.32) |
| Effect modification | |  |  |  |  |  |  |  |  |
|  | Middle vs high (ref) |  |  |  | 1.13 (1.01, 1.28), p=0.04 | 1.42 (1.18, 1.71), p=0.0002 | 0.95 (0.73, 1.26), p=0.74 |  | 1.15 (0.99,01.34), p=0.07 |
|  | Low vs high (ref) |  |  |  | 1.10 (0.94, 1.28), p=0.23 | 1.38 (1.05, 1.82), p=0.02 | 1.86 (1.28, 2.71), p=0.001 |  | 1.10 (0.93, 1.32), p=0.27 |
|  | Low vs middle (ref) |  |  |  | 0.97 (0.84, 1.11), p=0.66 | 0.97 (0.75, 1.26), p=0.83 | 1.95 (1.33, 2.86), p=0.001 |  | 0.96 (0.83, 1.11), p=0.57 |
|  |  |  |  |  |  |  |  |  |  |

Abbreviations: CVD=cardiovascular disease; SEP=socioeconomic position. Hazard ratios (HRs) and 95% confidence intervals (CIs) derived from Cox models. HRs among current drinkers (ordinal) and among current abstaining (dichotomous) were assessed in separate models, both with infrequent consumers as reference category. Models (1) included age and gender, and (2) smoking, body mass index, diabetes, physical activity, history of CVD, family history of coronary heart disease, systolic blood pressure, heart rate, triglycerides, and life course SEP (if not used as a stratifying variable). Effect modification (using model 2) was tested on a multiplicative scale and used the high or middle SEP strata as reference category.