eTable 1. Cumulative hazards based on secondhand smoke exposure in subgroup of non-smokers

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| Outcome  | Levels of secondhand smoke exposure |
| None | 0-1 packs/day | >1 pack/day |
| HR(95%CI) | *P value* | HR(95%CI) | *P value* |
| Dementia | events/observations | 65/1065 | 38/325 | 50/328 |
|  | Crude | Ref.  | 1.72(1.13-2.64) | 0.012 | 2.08(1.40-3.08) | <0.001 |
|  | Model 1 | Ref.  | 1.66(1.05-2.63) | 0.030 | 2.38(1.57-3.60) | <0.001 |
|  | Model 2 | Ref.  | 1.59(1.04-2.67) | 0.046 | 2.72(1.73-4.29) | <0.001 |
| AD dementia | events/observations | 30/1065 | 18/325 | 23/328 |
|  | Crude | Ref.  | 2.00(1.07-3.74) | 0.030 | 1.93(1.04-3.57) | 0.037 |
|  | Model 1 | Ref.  | 1.84(1.08-3.45) | 0.047 | 2.14(1.15-3.96) | 0.016 |
|  | Model 2 | Ref.  | 1.35(1.09-3.08) | 0.041 | 2.71(1.36-5.39) | 0.005 |
| Stroke | events/observations | 93/1065 | 40/325 | 48/328 |
|  | Crude | Ref.  | 1.47(1.02-2.13) | 0.039 | 1.74(1.39-2.57) | <0.001 |
|  | Model 1 | Ref.  | 1.49(1.03-2.15) | 0.035 | 1.91(1.47-2.98) | <0.001 |
|  | Model 2 | Ref.  | 1.32(1.12-1.74) | 0.013 | 1.91(1.48-2.45) | <0.001 |

Abbreviations: AD, Alzheimer’s disease; HR, hazard ratio; CI, confidence interval.

Model 1 Sex and Age.

Model 2 in addition for hypertension, diabetes and body mass index.