**Table S4. Full Cox regression model with time varying exposure and age as underlying time scale**

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| --- | --- |
|  | **Hazard ratio (95% CI)** |
| Vapours, gases, dusts or fumes |  |
| No | 1 (ref) |
| Low | 1.0 (0.8;1.1) |
| High | 1.0 (0.8;1.3) |
| Sex |  |
| Male | 1 (ref) |
| Female | **1.5 (1.3;1.8)** |
| Education\* |  |
| Elementary | 1 (ref) |
| High School | 0.9 (0.8;1.2) |
| Academic | 0.8 (0.6;1.1) |
| Smoking\* |  |
| Never | 1 (ref) |
| Former | 1.1 (0.9;1.3) |
| Current | 1.1 (0.9;1.4) |
| Body mass indexI\* |  |
| <18.5 | 1.2 (0.6;2.3) |
| 18.5-24.9 | 1 (ref) |
| 25-29.9 | **1.3 (1.1;1.5)** |
| ≥30 | **1.5 (1.3;1.9)** |
| FEV1 % predicted\* |  |
| ≥80% | 1 (ref) |
| <80% | **1.5 (1.3;1.8)** |
| Exacerbations one year prior to inclusion |  |
| No | 1 (ref) |
| ≥ 1 | **6.9 (5.6;8.5)** |
| \* Status at baseline. Abbreviations; CI: confidence interval | |