Supplementary Material 3. Association of tobacco exposure with abnormal blood pressure in 1398 male participants aged 13–18 years from 2011-2020 Korea National Health and Nutrition Examination Surveys

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Elevated Blood Pressure (n=83) a | | |  | Hypertension (n=74) b | | |
| Exposure Status f | Model 1c | Model 2d | Model 3e |  | Model 1c | Model 2d | Model 3e |
| No Tobacco Exposure  (n=1092) | 1 (ref) | 1 (ref) | 1 (ref) |  | 1 (ref) | 1 (ref) | 1 (ref) |
| Passive Tobacco Exposure (n=87)  Active Smoking  (n=219) | 0.73  (0.20-2.71)  1.73  (0.72-4.14) | 0.79  (0.21-2.96)  2.11  (0.85-5.25) | 0.83  (0.25-2.75)  2.58  (0.95-6.70) |  | 0.86  (0.19-3.95)  2.90  (0.96-8.72) | 0.85  (0.18-3.97)  2.81  (0.87-9.05) | 0.79  (0.17-3.71)  3.21  (0.93-11.05) |

a SBP/DBP is defined as greater than 120/80mmHg.

b SBP/DBP is defined as greater than 130/80mmHg.

c unadjusted

d Adjusted for age and sex

e Adjusted for age, sex, BMI, economic status, family smoking, stress, family history of hypertension-father and mother.

f No tobacco exposure is defined as urine cotinine level is below 5ng/ml, Passive Tobacco exposure is defined as urine cotinine is greater than or equal to 5ng/ml and less than 100ng/ml, Active Smoking is defined as urine cotinine is greater than or equal to 100ng/ml