Supplementary Material 2. Association of tobacco exposure with abnormal blood pressure in 2,518 participants aged 13–18 years from 2011-2020 Korea National Health and Nutrition Examination Surveys controlled for survey year

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|  | Elevated Blood Pressure (n=133) a |  | Hypertension (n=84) b |
| Exposure Status f | Model 1c | Model 2d | Model 3e |  | Model 1c | Model 2d | Model 3e |
| No Tobacco Exposure(n=2090)  |  1 (ref) | 1 (ref) | 1 (ref) |  | 1 (ref) | 1 (ref) | 1 (ref) |
| Passive Tobacco Exposure (n=145)Active Smoking(n=283) | 0.75(0.22-2.55)1.34(0.57-3.18) | 0.79(0.23-2.75)2.31(0.94-5.70) | 0.79(0.25-2.49)2.89(1.09-7.71) |  | 0.99(0.24-4.07)1.89(0.65-5.51) | 1.17(0.26-5.33)3.06(1.01-9.29) | 1.16(0.27-5.00)3.62(1.12-11.70) |

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, sex, and survey year

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

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