**Supplemental Table 1.** **Rate ratios (RR) and confidence intervals (CI) of IHD mortality by quintile of energy-adjusted flavonoid intake among men and women in the CPS II Nutrition cohort, 1999-2006.**

| Flavonoid | | Men (n = 38,180) | | | Women (n = 60,289) | | | Men and Women (n = 98,469)[1] | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Quintile | Median Intake (Range) (mg/d) | Deaths (n) | Age-adjusted RR | Multivariate-adjusted RR (CI)[2] | Deaths (n) | Age-adjusted RR | Multivariate-adjusted RR (CI)[2] | Deaths (n) | Age-adjusted RR[3] | Multivariate-adjusted RR (CI)[2] |
| Total Flavonoids | | | | | | | | | | |
| 1 | 94.5 (<121.5) | 163 | 1.00 (-) | 1.00 (-) | 119 | 1.00 (-) | 1.00 (-) | 282 | 1.00 (-) | 1.00 (-) |
| 2 | 146.5 (121.4-172.3) | 167 | 0.82 (0.66, 1.02) | 0.92 (0.74, 1.15) | 98 | 0.81 (0.62, 1.06) | 0.87 (0.66, 1.14) | 265 | 0.82 (0.69, 0.97) | 0.90 (0.76, 1.07) |
| 3 | 201.9 (172.4-238.0) | 171 | 0.82 (0.66, 1.01) | 0.96 (0.77, 1.19) | 86 | 0.70 (0.53, 0.92) | 0.77 (0.58, 1.02) | 257 | 0.77 (0.65, 0.91) | 0.88 (0.74, 1.05) |
| 4 | 286.0 (238.1-359.6) | 147 | 0.68 (0.54, 0.85) | 0.82 (0.65, 1.03) | 84 | 0.66 (0.50, 0.87) | 0.73 (0.55, 0.97) | 231 | 0.67 (0.56, 0.79) | 0.78 (0.65, 0.93) |
| 5 | 512.5 (≥359.7) | 155 | 0.75 (0.61, 0.94) | 0.90 (0.72, 1.13) | 96 | 0.75 (0.58, 0.99) | 0.84 (0.64, 1.10) | 251 | 0.75 (0.63, 0.89) | 0.87 (0.73, 1.03) |
| *p*-trend[4] | | | 0.03 | 0.4 | | 0.1 | 0.3 | | 0.005 | 0.1 |
| Anthocyanidin | | | | | | | | | | |
| 1 | 3.8 (<5.5) | 180 | 1.00 (-) | 1.00 (-) | 127 | 1.00 (-) | 1.00 (-) | 307 | 1.00 (-) | 1.00 (-) |
| 2 | 6.8 (5.5-8.1) | 131 | 0.69 (0.55, 0.86) | 0.78 (0.62, 0.97) | 99 | 0.73 (0.56, 0.95) | 0.79 (0.61, 1.03) | 230 | 0.71 (0.59, 0.84) | 0.79 (0.66, 0.94) |
| 3 | 9.8 (8.2-11.4) | 157 | 0.73 (0.59, 0.90) | 0.85 (0.68, 1.05) | 97 | 0.74 (0.57, 0.96) | 0.83 (0.63, 1.08) | 254 | 0.73 (0.61, 0.86) | 0.83 (0.71, 0.99) |
| 4 | 13.7 (11.5-16.6) | 176 | 0.72 (0.59, 0.89) | 0.90 (0.73, 1.11) | 82 | 0.65 (0.49, 0.85) | 0.75 (0.56, 0.99) | 258 | 0.70 (0.59, 0.82) | 0.84 (0.71, 0.99) |
| 5 | 22.2 (≥16.7) | 159 | 0.63 (0.51, 0.78) | 0.81 (0.65, 1.00) | 78 | 0.69 (0.52, 0.91) | 0.81 (0.60, 1.07) | 237 | 0.64 (0.54, 0.76) | 0.79 (0.67, 0.94) |
| *p*-trend[4] | | | 0.0007 | 0.2 | | 0.02 | 0.2 | | <0.0001 | 0.06 |
| Flavan-3-ols | | | | | | | | | | |
| 1 | 7.0 (<9.5) | 165 | 1.00 (-) | 1.00 (-) | 126 | 1.00 (-) | 1.00 (-) | 291 | 1.00 (-) | 1.00 (-) |
| 2 | 11.8 (9.5-14.0) | 146 | 0.76 (0.61, 0.95) | 0.84 (0.67, 1.06) | 101 | 0.80 (0.62, 1.04) | 0.88 (0.67, 1.14) | 247 | 0.78 (0.66, 0.92) | 0.86 (0.72, 1.02) |
| 3 | 16.8 (14.1-20.3) | 164 | 0.73 (0.59, 0.91) | 0.87 (0.70, 1.09) | 86 | 0.74 (0.56, 0.97) | 0.82 (0.62, 1.09) | 250 | 0.73 (0.62, 0.87) | 0.85 (0.71, 1.00) |
| 4 | 26.3 (20.4-37.1) | 164 | 0.69 (0.56, 0.86) | 0.85 (0.68, 1.07) | 73 | 0.65 (0.49, 0.87) | 0.73 (0.55, 0.98) | 237 | 0.68 (0.57, 0.81) | 0.81 (0.68, 0.97) |
| 5 | 63.7 (≥37.2) | 164 | 0.73 (0.59, 0.91) | 0.87 (0.70, 1.09) | 97 | 0.79 (0.61, 1.03) | 0.88 (0.67, 1.15) | 261 | 0.75 (0.64, 0.89) | 0.87 (0.74, 1.04) |
| *p*-trend[4] | | | 0.1 | 0.6 | | 0.3 | 0.6 | | 0.06 | 0.5 |
| Flavanones | | | | | | | | | | |
| 1 | 3.5 (<7.0) | 156 | 1.00 (-) | 1.00 (-) | 123 | 1.00 (-) | 1.00 (-) | 279 | 1.00 (-) | 1.00 (-) |
| 2 | 10.4 (7.0-13.7) | 134 | 0.86 (0.68, 1.08) | 0.96 (0.76, 1.21) | 78 | 0.62 (0.46, 0.82) | 0.68 (0.51, 0.90) | 212 | 0.75 (0.62, 0.89) | 0.83 (0.69, 0.99) |
| 3 | 17.4 (13.8-21.2) | 157 | 0.86 (0.69, 1.07) | 1.03 (0.82, 1.29) | 95 | 0.73 (0.55, 0.95) | 0.83 (0.63, 1.09) | 252 | 0.80 (0.68, 0.95) | 0.94 (0.79, 1.12) |
| 4 | 27.3 (21.7-35.3) | 171 | 0.87 (0.70, 1.08) | 1.04 (0.84, 1.30) | 88 | 0.66 (0.50, 0.86) | 0.77 (0.58, 1.02) | 259 | 0.78 (0.66, 0.92) | 0.92 (0.78, 1.09) |
| 5 | 49.9 (≥35.4) | 185 | 0.81 (0.65, 1.00) | 0.98 (0.79, 1.22) | 99 | 0.70 (0.54, 0.92) | 0.80 (0.61, 1.05) | 284 | 0.76 (0.64, 0.89) | 0.89 (0.76, 1.06) |
| *p*-trend[4] | | | 0.1 | 1.0 | | 0.09 | 0.4 | | 0.02 | 0.5 |
| Flavones | | | | | | | | | | |
| 1 | 0.4 (<0.5) | 193 | 1.00 (-) | 1.00 (-) | 130 | 1.00 (-) | 1.00 (-) | 323 | 1.00 (-) | 1.00 (-) |
| 2 | 0.7 (0.5-0.8) | 171 | 0.98 (0.80, 1.20) | 1.08 (0.88, 1.33) | 104 | 0.81 (0.62, 1.04) | 0.88 (0.68, 1.15) | 275 | 0.90 (0.76, 1.05) | 0.99 (0.84, 1.16) |
| 3 | 1.1 (0.9-1.2) | 156 | 0.85 (0.69, 1.05) | 0.99 (0.80, 1.23) | 96 | 0.75 (0.58, 0.98) | 0.85 (0.65, 1.11) | 252 | 0.80 (0.67, 0.94) | 0.91 (0.77, 1.08) |
| 4 | 1.6 (1.3-2.0) | 147 | 0.79 (0.64, 0.99) | 0.96 (0.77, 1.19) | 95 | 0.74 (0.57, 0.97) | 0.86 (0.66, 1.13) | 242 | 0.77 (0.65, 0.91) | 0.91 (0.77, 1.08) |
| 5 | 3.0 (≥2.1) | 136 | 0.71 (0.57, 0.88) | 0.87 (0.70, 1.09) | 58 | 0.51 (0.37, 0.69) | 0.60 (0.44, 0.82) | 194 | 0.62 (0.52, 0.74) | 0.75 (0.62, 0.90) |
| *p*-trend[4] | | | 0.0006 | 0.1 | | <0.0001 | 0.002 | | <0.0001 | 0.0009 |

**Supplemental Table 1 (continued). Rate ratios (RR) and confidence intervals (CI) of IHD mortality by quintile of energy-adjusted flavonoid intake among men and women in the CPS II Nutrition cohort, 1999-2006.**

| Flavonoid | | Men (n = 38,180) | | | Women (n = 60,289) | | | Men and Women (n = 98,469)[1] | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Quintile** | **Median Intake (Range) (mg/d)** | **Deaths (n)** | **Age-adjusted RR** | **Multivariate-adjusted RR (CI)[2]** | **Deaths (n)** | **Age-adjusted RR** | **Multivariate-adjusted RR (CI)[2]** | **Deaths (n)** | **Age-adjusted RR[3]** | **Multivariate-adjusted RR (CI)[2]** |
| Flavonols | | | | | | | | | | |
| 1 | 6.9 (<8.5) | 167 | 1.00 (-) | 1.00 (-) | 144 | 1.00 (-) | 1.00 (-) | 311 | 1.00 (-) | 1.00 (-) |
| 2 | 9.9 (8.5-11.3) | 173 | 0.87 (0.71, 1.08) | 0.97 (0.78, 1.20) | 82 | 0.59 (0.45, 0.78) | 0.64 (0.49, 0.84) | 255 | 0.75 (0.63, 0.88) | 0.82 (0.69, 0.97) |
| 3 | 13.0 (11.4-14.7) | 164 | 0.80 (0.64, 0.99) | 0.93 (0.74, 1.15) | 98 | 0.75 (0.58, 0.97) | 0.82 (0.63, 1.06) | 262 | 0.76 (0.65, 0.90) | 0.86 (0.73, 1.02) |
| 4 | 17.2 (14.8-20.5) | 144 | 0.71 (0.57, 0.89) | 0.85 (0.67, 1.06) | 73 | 0.54 (0.41, 0.72) | 0.61 (0.46, 0.81) | 217 | 0.63 (0.53, 0.76) | 0.74 (0.62, 0.88) |
| 5 | 27.2 (≥20.6) | 155 | 0.83 (0.67, 1.04) | 0.98 (0.78, 1.22) | 86 | 0.64 (0.49, 0.84) | 0.72 (0.55, 0.94) | 241 | 0.74 (0.63, 0.88) | 0.85 (0.72, 1.01) |
| *p*-trend[4] | | | 0.1 | 0.8 | | 0.007 | 0.05 | | 0.003 | 0.1 |
| Proanthocyanidins | | | | | | | | | | |
| 1 | 53.1 (<71.6) | 151 | 1.00 (-) | 1.00 (-) | 117 | 1.00 (-) | 1.00 (-) | 268 | 1.00 (-) | 1.00 (-) |
| 2 | 90.0 (71.6-109.2) | 185 | 1.08 (0.87, 1.34) | 1.20 (0.97, 1.49) | 101 | 0.83 (0.64, 1.09) | 0.88 (0.67, 1.15) | 286 | 0.98 (0.83, 1.15) | 1.07 (0.90, 1.26) |
| 3 | 132.0 (109.3-160.2) | 171 | 0.95 (0.76, 1.18) | 1.08 (0.87, 1.35) | 80 | 0.65 (0.49, 0.87) | 0.71 (0.53, 0.94) | 251 | 0.82 (0.69, 0.98) | 0.92 (0.77, 1.09) |
| 4 | 196.8 (160.3-253.5) | 145 | 0.80 (0.64, 1.01) | 0.94 (0.75, 1.19) | 86 | 0.68 (0.51, 0.90) | 0.74 (0.55, 0.97) | 231 | 0.75 (0.63, 0.89) | 0.85 (0.71, 1.01) |
| 5 | 379.4 (≥253.6) | 151 | 0.89 (0.71, 1.11) | 1.03 (0.82, 1.29) | 99 | 0.77 (0.59, 1.01) | 0.84 (0.64, 1.10) | 250 | 0.83 (0.70, 0.99) | 0.94 (0.79, 1.12) |
| *p*-trend[4] | | | 0.08 | 0.5 | | 0.2 | 0.4 | | 0.02 | 0.2 |
| Isoflavones | | | | | | | | | | |
| 1 | 0.024 (<0.027) | 128 | 1.00 (-) | 1.00 (-) | 111 | 1.00 (-) | 1.00 (-) | 239 | 1.00 (-) | 1.00 (-) |
| 2 | 0.029 (0.027-0.031) | 148 | 0.87 (0.69, 1.11) | 0.90 (0.71, 1.15) | 113 | 1.17 (0.90, 1.53) | 1.20 (0.92, 1.56) | 261 | 1.01 (0.85, 1.21) | 1.04 (0.87, 1.25) |
| 3 | 0.036 (0.032-0.041) | 192 | 0.91 (0.72, 1.14) | 0.96 (0.76, 1.20) | 117 | 1.31 (1.01, 1.71) | 1.35 (1.04, 1.76) | 309 | 1.08 (0.91, 1.28) | 1.13 (0.95, 1.34) |
| 4 | 0.055 (0.042-0.141) | 214 | 0.76 (0.61, 0.95) | 0.79 (0.64, 0.99) | 70 | 1.01 (0.75, 1.37) | 1.02 (0.75, 1.37) | 284 | 0.87 (0.73, 1.04) | 0.90 (0.75, 1.07) |
| 5 | 0.713 (≥0.142) | 121 | 0.64 (0.50, 0.83) | 0.76 (0.59, 0.98) | 72 | 0.92 (0.68, 1.24) | 1.06 (0.78, 1.43) | 193 | 0.76 (0.63, 0.92) | 0.88 (0.73, 1.07) |
| *p*-trend[4] | | | 0.002 | 0.09 | | 0.1 | 0.6 | | 0.0008 | 0.08 |

[1]No heterogeneity in RRs by sex, tested using Likelihood Ratio Tests of models with and without an interaction term of flavonoid/s (quintiles) and sex.

[2]Multivariate model adjusted for age, smoking, beer and liquor intake, history of hypertension, history of cholesterol, family history of myocardial infarction, BMI, physical activity, energy intake, aspirin use, hormone replacement therapy (in women only), and gender (in combined model only) using Cox Proportional Hazards regression.

[3]Age-adjusted models for men and women combined were additionally adjusted for sex.

[4]Test for trend using median value for each quintile and modeling as a continuous variable.

**Supplemental Table 2.** **Rate ratios (RR) and confidence intervals (CI) of stroke mortality by quartile of energy-adjusted flavonoid intake among men and women in the CPS II Nutrition cohort, 1999-2006.**

| Flavonoid | | Men (n = 38,180) | | | Women (n = 60,289) | | | Men and Women (n = 98,469)[1] | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Quartile | Median Intake (Range) (mg/d) | Deaths (n) | Age-adjusted RR | Multivariate-adjusted RR (CI)[2] | Deaths (n) | Age-adjusted RR | Multivariate-adjusted RR (CI)[2] | Deaths (n) | Age-adjusted RR[3] | Multivariate-adjusted RR (CI)[2] |
| Total Flavonoids | | | | | | | | | | |
| 1 | 102.0 (<134.3) | 79 | 1.00 (-) | 1.00 (-) | 85 | 1.00 (-) | 1.00 (-) | 164 | 1.00 (-) | 1.00 (-) |
| 2 | 165.7 (134.3-201.8) | 63 | 0.65 (0.46, 0.90) | 0.69 (0.49, 0.96) | 54 | 0.65 (0.46, 0.91) | 0.70 (0.50, 0.99) | 117 | 0.65 (0.52, 0.83) | 0.70 (0.55, 0.89) |
| 3 | 248.8 (201.9-318.5) | 82 | 0.80 (0.59, 1.09) | 0.87 (0.63, 1.19) | 69 | 0.79 (0.57, 1.08) | 0.87 (0.63, 1.20) | 151 | 0.80 (0.64, 1.00) | 0.88 (0.70, 1.10) |
| 4 | 458.5 (≥318.6) | 57 | 0.59 (0.42, 0.83) | 0.63 (0.44, 0.89) | 84 | 0.91 (0.67, 1.24) | 1.02 (0.75, 1.38) | 141 | 0.75 (0.60, 0.94) | 0.83 (0.66, 1.04) |
| *p*-trend[4] | | | 0.02 | 0.04 | | 0.8 | 0.4 | | 0.2 | 0.5 |
| Anthocyanidin | | | | | | | | | | |
| 1 | 4.3 (<6.2) | 64 | 1.00 (-) | 1.00 (-) | 84 | 1.00 (-) | 1.00 (-) | 148 | 1.00 (-) | 1.00 (-) |
| 2 | 7.9 (6.2-9.7) | 73 | 1.02 (0.73, 1.43) | 1.10 (0.78, 1.55) | 69 | 0.80 (0.58, 1.11) | 0.88 (0.64, 1.21) | 142 | 0.90 (0.71, 1.13) | 0.97 (0.77, 1.22) |
| 3 | 12.0 (9.8-14.9) | 79 | 0.98 (0.70, 1.36) | 1.08 (0.77, 1.51) | 70 | 0.83 (0.60, 1.14) | 0.94 (0.68, 1.30) | 149 | 0.90 (0.71, 1.13) | 1.01 (0.80, 1.28) |
| 4 | 20.4 (≥15.0) | 65 | 0.74 (0.52, 1.04) | 0.84 (0.59, 1.20) | 69 | 0.91 (0.66, 1.25) | 1.05 (0.76, 1.46) | 134 | 0.81 (0.64, 1.03) | 0.95 (0.75, 1.20) |
| *p*-trend[4] | | | 0.05 | 0.2 | | 0.8 | 0.6 | | 0.1 | 0.7 |
| Flavan-3-ols | | | | | | | | | | |
| 1 | 7.7 (<10.6) | 64 | 1.00 (-) | 1.00 (-) | 86 | 1.00 (-) | 1.00 (-) | 150 | 1.00 (-) | 1.00 (-) |
| 2 | 13.5 (10.6-16.7) | 78 | 1.01 (0.72, 1.40) | 1.11 (0.80, 1.55) | 73 | 0.89 (0.65, 1.21) | 0.97 (0.71, 1.33) | 151 | 0.95 (0.75, 1.19) | 1.04 (0.83, 1.30) |
| 3 | 21.6 (16.8-30.7) | 77 | 0.86 (0.62, 1.20) | 0.99 (0.70, 1.39) | 62 | 0.82 (0.59, 1.14) | 0.91 (0.66, 1.27) | 139 | 0.85 (0.67, 1.07) | 0.96 (0.76, 1.22) |
| 4 | 54.3 (≥30.8) | 62 | 0.74 (0.52, 1.04) | 0.84 (0.58, 1.20) | 71 | 0.84 (0.61, 1.15) | 0.94 (0.68, 1.29) | 133 | 0.80 (0.63, 1.01) | 0.90 (0.71, 1.14) |
| *p*-trend[4] | | | 0.05 | 0.2 | | 0.4 | 0.7 | | 0.06 | 0.2 |
| Flavanones | | | | | | | | | | |
| 1 | 4.4 (<8.7) | 69 | 1.00 (-) | 1.00 (-) | 87 | 1.00 (-) | 1.00 (-) | 156 | 1.00 (-) | 1.00 (-) |
| 2 | 13.0 (8.7-17.3) | 55 | 0.72 (0.50, 1.02) | 0.77 (0.54, 1.11) | 63 | 0.71 (0.51, 0.98) | 0.77 (0.55, 1.06) | 118 | 0.72 (0.56, 0.91) | 0.78 (0.61, 0.99) |
| 3 | 22.9 (17.4-30.9) | 80 | 0.93 (0.67, 1.28) | 1.03 (0.74, 1.42) | 67 | 0.71 (0.52, 0.98) | 0.81 (0.59, 1.12) | 147 | 0.82 (0.65, 1.02) | 0.92 (0.73, 1.16) |
| 4 | 45.1 (≥31.0) | 77 | 0.78 (0.56, 1.08) | 0.86 (0.62, 1.20) | 75 | 0.74 (0.54, 1.01) | 0.83 (0.61, 1.14) | 152 | 0.75 (0.60, 0.94) | 0.84 (0.67, 1.06) |
| *p*-trend[4] | | | 0.3 | 0.6 | | 0.1 | 0.4 | | 0.07 | 0.4 |
| Flavones | | | | | | | | | | |
| 1 | 0.4 (<0.6) | 100 | 1.00 (-) | 1.00 (-) | 76 | 1.00 (-) | 1.00 (-) | 176 | 1.00 (-) | 1.00 (-) |
| 2 | 0.8 (0.6-1.0) | 53 | 0.57 (0.41, 0.79) | 0.61 (0.44, 0.85) | 88 | 1.13 (0.83, 1.54) | 1.23 (0.90, 1.67) | 141 | 0.82 (0.66, 1.02) | 0.89 (0.71, 1.11) |
| 3 | 1.4 (1.1-1.7) | 67 | 0.68 (0.50, 0.93) | 0.76 (0.56, 1.04) | 65 | 0.89 (0.64, 1.25) | 1.03 (0.74, 1.44) | 132 | 0.76 (0.61, 0.95) | 0.87 (0.69, 1.09) |
| 4 | 2.7 (≥1.8) | 61 | 0.61 (0.44, 0.84) | 0.70 (0.50, 0.97) | 63 | 0.94 (0.67, 1.31) | 1.12 (0.79, 1.57) | 124 | 0.74 (0.59, 0.93) | 0.88 (0.69, 1.11) |
| *p*-trend[4] | | | 0.02 | 0.1 | | 0.4 | 0.8 | | 0.02 | 0.3 |
| Flavonols | | | | | | | | | | |
| 1 | 7.3 (<9.2) | 87 | 1.00 (-) | 1.00 (-) | 84 | 1.00 (-) | 1.00 (-) | 171 | 1.00 (-) | 1.00 (-) |
| 2 | 11.0 (9.2-12.9) | 67 | 0.65 (0.47, 0.89) | 0.71 (0.51, 0.98) | 62 | 0.79 (0.57, 1.10) | 0.86 (0.62, 1.19) | 129 | 0.73 (0.58, 0.92) | 0.80 (0.63, 1.00) |
| 3 | 15.3 (13.0-18.6) | 62 | 0.60 (0.43, 0.83) | 0.68 (0.49, 0.94) | 68 | 0.87 (0.63, 1.19) | 0.97 (0.70, 1.33) | 130 | 0.73 (0.58, 0.92) | 0.83 (0.66, 1.04) |
| 4 | 25.0 (≥18.7) | 65 | 0.67 (0.48, 0.92) | 0.74 (0.53, 1.03) | 78 | 0.99 (0.73, 1.35) | 1.11 (0.82, 1.52) | 143 | 0.83 (0.66, 1.03) | 0.93 (0.74, 1.16) |
| *p*-trend[4] | | | 0.05 | 0.2 | | 0.7 | 0.3 | | 0.3 | 0.9 |

**Supplemental Table 2 (continued).** **Rate ratios (RR) and confidence intervals (CI) of stroke mortality by quartile of energy-adjusted flavonoid intake among men and women in the CPS II Nutrition cohort, 1999-2006.**

| Flavonoid | | Men (n = 38,180) | | | Women (n = 60,289) | | | Men and Women (n = 98,469)[1] | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Quartile | Median Intake (Range) (mg/d) | Deaths (n) | Age-adjusted RR | Multivariate-adjusted RR (CI)[2] | Deaths (n) | Age-adjusted RR | Multivariate-adjusted RR (CI)[2] | Deaths (n) | Age-adjusted RR[3] | Multivariate-adjusted RR (CI)[2] |
| Proanthocyanidins | | | | | | | | | | |
| 1 | 57.9 (<80.9) | 80 | 1.00 (-) | 1.00 (-) | 82 | 1.00 (-) | 1.00 (-) | 162 | 1.00 (-) | 1.00 (-) |
| 2 | 104.3 (80.9-131.9) | 60 | 0.63 (0.45, 0.88) | 0.66 (0.47, 0.92) | 59 | 0.74 (0.53, 1.04) | 0.80 (0.57, 1.12) | 119 | 0.69 (0.54, 0.87) | 0.73 (0.57, 0.92) |
| 3 | 168.3 (132.0-221.8) | 80 | 0.83 (0.61, 1.14) | 0.87 (0.64, 1.20) | 66 | 0.78 (0.56, 1.08) | 0.84 (0.61, 1.18) | 146 | 0.81 (0.65, 1.02) | 0.87 (0.69, 1.09) |
| 4 | 334.2 (≥221.9) | 61 | 0.68 (0.49, 0.95) | 0.70 (0.50, 0.99) | 85 | 0.95 (0.70, 1.28) | 1.04 (0.76, 1.41) | 146 | 0.82 (0.65, 1.02) | 0.88 (0.70, 1.10) |
| *p*-trend[4] | | | 0.1 | 0.2 | | 0.7 | 0.4 | | 0.5 | 0.8 |
| Isoflavones | | | | | | | | | | |
| 1 | 0.025 (<0.028) | 57 | 1.00 (-) | 1.00 (-) | 82 | 1.00 (-) | 1.00 (-) | 139 | 1.00 (-) | 1.00 (-) |
| 2 | 0.031 (0.028-0.035) | 69 | 0.89 (0.62, 1.27) | 0.93 (0.65, 1.32) | 70 | 0.91 (0.66, 1.26) | 0.94 (0.68, 1.31) | 139 | 0.93 (0.73, 1.18) | 0.97 (0.77, 1.23) |
| 3 | 0.045 (0.036-0.068) | 90 | 0.86 (0.62, 1.20) | 0.90 (0.64, 1.26) | 78 | 1.26 (0.92, 1.73) | 1.31 (0.96, 1.80) | 168 | 1.06 (0.84, 1.33) | 1.10 (0.88, 1.39) |
| 4 | 0.567 (≥0.069) | 65 | 0.69 (0.48, 0.98) | 0.75 (0.53, 1.08) | 62 | 1.13 (0.81, 1.58) | 1.29 (0.92, 1.81) | 127 | 0.90 (0.70, 1.14) | 1.00 (0.78, 1.28) |
| *p*-trend[4] | | | 0.05 | 0.1 | | 0.5 | 0.2 | | 0.3 | 0.8 |

[1]No heterogeneity in RRs by sex, tested using Likelihood Ratio Tests of models with and without an interaction term of flavonoid/s (quintiles) and sex.

[2]Multivariate model adjusted for age, smoking, beer and liquor intake, history of hypertension, history of cholesterol, family history of myocardial infarction, BMI, physical activity, energy intake, aspirin use, hormone replacement therapy (in women only), and gender (in combined model only) using Cox Proportional Hazards regression.

[3]Age-adjusted models for men and women combined were additionally adjusted for sex.

[4]Test for trend using median value for each quintile and modeling as a continuous variable.