

Supplementary Table 5. Associations between beverage intake and stroke

Carbonated drink	None	≤1/day	2/day	>2/day		
Cases of all stroke	9,292	3,763	186	221		
Unadjusted	1.00 (Ref)	1.04 (0.97–1.11)	1.75 (1.37–2.22)	2.05 (1.59–2.63)		
Model 1*	1.00 (Ref)	1.20 (1.10–1.32)	1.97 (1.44–2.70)	2.78 (2.02–3.84)		
Model 2 [†]	1.00 (Ref)	1.24 (1.13–1.37)	1.83 (1.30–2.58)	2.24 (1.58–3.16)		
Model 3 (fully adjusted [‡])	1.00 (Ref)	1.22 (1.10–1.34)	1.76 (1.25–2.48)	2.29 (1.62–3.24)		
Cases of ischemic stroke	7,144	2,889	164	205		
Unadjusted	1.00 (Ref)	1.02 (0.94–1.10)	1.82 (1.41–2.37)	2.15 (1.65–2.80)		
Model 1*	1.00 (Ref)	1.16 (1.05–1.28)	2.03 (1.45–2.85)	3.06 (2.18–4.31)		
Model 2 [†]	1.00 (Ref)	1.17 (1.06–1.31)	1.83 (1.27–2.63)	2.48 (1.71–3.60)		
Model 3 (fully adjusted [‡])	1.00 (Ref)	1.17 (1.04–1.30)	1.75 (1.22–2.54)	2.39 (1.64–3.49)		
Cases of ICH	2,148	874	22	16		
Unadjusted	1.00 (Ref)	1.12 (0.95–1.31)	1.29 (0.68–2.45)	1.20 (0.53–2.72)		
Model 1*	1.00 (Ref)	1.48 (1.19–1.83)	1.42 (0.55–3.69)	1.10 (0.41–3.03)		
Model 2 [†]	1.00 (Ref)	1.67 (1.32–2.12)	1.83 (0.58–5.78)	1.15 (0.40–3.33)		
Model 3 (fully adjusted [‡])	1.00 (Ref)	1.58 (1.23–2.03)	1.75 (0.57–5.44)	1.29 (0.44–3.77)		
Fruit juice/drink	None	≤1/day	2/day	>2/day		
Cases of all stroke	7,313	5,656	338	155		
Unadjusted	1.00 (Ref)	1.00 (0.93–1.06)	1.06 (0.89–1.25)	0.97 (0.76–1.22)		
Model 1*	1.00 (Ref)	0.97 (0.89–1.06)	1.08 (0.87–1.35)	0.91 (0.68–1.22)		
Model 2 [†]	1.00 (Ref)	1.12 (1.01–1.23)	1.29 (1.02–1.63)	1.18 (0.87–1.61)		
Model 3 (fully adjusted [‡])	1.00 (Ref)	1.08 (0.98–1.19)	1.26 (0.99–1.58)	1.13 (0.83–1.55)		
Cases of ischemic stroke	5,467	4,519	283	133		
Unadjusted	1.00 (Ref)	0.96 (0.89–1.03)	1.02 (0.85–1.23)	0.96 (0.75–1.24)		
Model 1*	1.00 (Ref)	0.93 (0.84–1.03)	0.97 (0.76–1.23)	0.91 (0.66–1.25)		
Model 2 [†]	1.00 (Ref)	1.04 (0.94–1.16)	1.10 (0.85–1.42)	1.12 (0.80–1.58)		
Model 3 (fully adjusted [‡])	1.00 (Ref)	1.02 (0.92–1.14)	1.08 (0.83–1.40)	1.07 (0.76–1.52)		
Cases of ICH	1,846	1,137	55	22		
Unadjusted	1.00 (Ref)	1.17 (1.00–1.37)	1.21 (0.80–1.82)	0.94 (0.53–1.67)		
Model 1*	1.00 (Ref)	1.17 (0.95–1.45)	1.96 (1.12–3.45)	1.11 (0.56–2.21)		
Model 2 [†]	1.00 (Ref)	1.50 (1.19–1.89)	3.29 (1.77–6.10)	1.64 (0.76–3.51)		
Model 3 (fully adjusted [‡])	1.00 (Ref)	1.37 (1.08–1.75)	3.18 (1.69–5.97)	1.52 (0.68–3.41)		
Water	None	1–2 cups	3–4 cups	5–6 cups	7–8 cups	>8 cups
Cases of all stroke	1,706	2,515	2,792	2,359	1,745	2,345
Unadjusted	1.00 (Ref)	1.11 (1.01–1.22)	1.09 (0.99–1.21)	0.98 (0.88–1.09)	0.85 (0.75–0.95)	0.83 (0.74–0.94)
Model 1*	1.00 (Ref)	1.05 (0.93–1.19)	1.08 (0.95–1.22)	0.91 (0.80–1.04)	0.82 (0.71–0.95)	0.75 (0.65–0.88)
Model 2 [†]	1.00 (Ref)	1.10 (0.96–1.25)	1.14 (1.00–1.30)	1.00 (0.87–1.15)	0.91 (0.77–1.06)	0.84 (0.71–0.99)
Model 3 (fully adjusted [‡])	1.00 (Ref)	1.07 (0.94–1.23)	1.07 (0.93–1.23)	0.92 (0.79–1.07)	0.84 (0.71–0.99)	0.77 (0.65–0.91)
Cases of ischemic stroke	1,474	1,962	2,170	1,803	1,262	1,731
Unadjusted	1.00 (Ref)	1.08 (0.97–1.21)	1.04 (0.93–1.16)	0.91 (0.81–1.02)	0.82 (0.72–0.93)	0.80 (0.70–0.92)
Model 1*	1.00 (Ref)	1.00 (0.87–1.15)	1.01 (0.88–1.16)	0.83 (0.72–0.96)	0.79 (0.66–0.93)	0.69 (0.58–0.83)
Model 2 [†]	1.00 (Ref)	1.06 (0.91–1.22)	1.07 (0.92–1.23)	0.91 (0.78–1.07)	0.88 (0.74–1.06)	0.78 (0.65–0.94)
Model 3 (fully adjusted [‡])	1.00 (Ref)	1.03 (0.89–1.20)	1.01 (0.87–1.17)	0.85 (0.72–1.00)	0.82 (0.68–0.99)	0.72 (0.60–0.87)

Supplementary Table 5. Continued

Water	None	1–2 cups	3–4 cups	5–6 cups	7–8 cups	>8 cups
Cases of ICH	232	553	622	556	483	614
Model 1*	1.00 (Ref)	1.27 (1.01–1.60)	1.37 (1.08–1.72)	1.36 (1.06–1.74)	1.02 (0.79–1.33)	1.02 (0.78–1.34)
Model 2 [†]	1.00 (Ref)	1.31 (0.97–1.75)	1.34 (0.99–1.81)	1.27 (0.92–1.76)	0.97 (0.69–1.38)	1.00 (0.70–1.43)
Model 3 (fully adjusted [‡])	1.00 (Ref)	1.28 (0.94–1.76)	1.48 (1.07–2.06)	1.44 (1.02–2.03)	1.02 (0.70–1.48)	1.05 (0.72–1.55)
Adjusted [‡]	1.00 (Ref)	1.26 (0.91–1.75)	1.32 (0.94–1.86)	1.25 (0.86–1.81)	0.88 (0.59–1.30)	0.92 (0.61–1.38)

Values are presented as odds ratios (95% confidence intervals) unless otherwise indicated.

ICH, intracerebral hemorrhage.

*Conditional logistic regression models adjusted for age, ethnicity, body mass index (BMI), apolipoprotein B:A ratio (apoB:apoA), diabetes, hypertension, and cardiac risk factors; [†]Conditional logistic regression models adjusted for age, ethnicity, BMI, apoB:apoA, diabetes, hypertension, cardiac risk factors, education, occupation, physical activity, alcohol intake, smoking, diet (tertile), and global stress; [‡]Conditional logistic regression models adjusted for age, ethnicity, BMI, apoB:apoA, diabetes, hypertension, cardiac risk factors, education, occupation, physical activity, alcohol intake, smoking, diet (tertile), global stress, and other beverage types.

Supplementary Table 6. Association* between beverage intake and all stroke: stratified by age

Carbonated drink	None	≤1/day	2/day	>2/day	<i>P</i> _{int}		
Overall	1.00 (Ref)	1.22 (1.10–1.34)	1.76 (1.25–2.48)	2.29 (1.62–3.24)	-		
<65 years	1.00 (Ref)	1.18 (1.02–1.36)	1.40 (0.89–2.21)	2.37 (1.48–3.80)	0.469		
≥65 years	1.00 (Ref)	1.33 (1.14–1.56)	2.46 (1.31–4.61)	1.85 (0.97–3.52)			
Fruit juice/drink	None	≤1/day	2/day	>2/day	<i>P</i> _{int}		
Overall	1.00 (Ref)	1.08 (0.98–1.19)	1.26 (0.99–1.58)	1.13 (0.83–1.55)	-		
<65 years	1.00 (Ref)	1.06 (0.92–1.22)	1.36 (0.96–1.91)	1.03 (0.66–1.62)	0.079		
≥65 years	1.00 (Ref)	1.09 (0.93–1.27)	1.20 (0.84–1.72)	1.10 (0.67–1.83)			
Water	None	1–2 cups	3–4 cups	5–6 cups	7–8 cups	>8 cups	<i>P</i> _{int}
Overall	1.00 (Ref)	1.07 (0.94–1.23)	1.07 (0.93–1.23)	0.92 (0.79–1.07)	0.84 (0.71–0.99)	0.77 (0.65–0.91)	-
<65 years	1.00 (Ref)	1.09 (0.89–1.33)	1.21 (0.99–1.48)	1.04 (0.84–1.29)	0.97 (0.77–1.22)	0.88 (0.70–1.11)	0.002
≥65 years	1.00 (Ref)	1.09 (0.89–1.32)	0.99 (0.80–1.22)	0.86 (0.68–1.08)	0.72 (0.55–0.95)	0.70 (0.53–0.93)	

Values are presented as odds ratios (95% confidence intervals).

*P*_{int}, *P* for interaction.

*Conditional logistic regression models adjusted for ethnicity, education, occupation, body mass index, physical activity, alcohol, smoking, diet (tertile), apolipoprotein B:A ratio (apoB:apoA), diabetes, hypertension, cardiac risk factors, global stress, and other beverage types.

Supplementary Table 7. Association* between beverage intake and all stroke: stratified by sex

Carbonated drink	None	≤1/day	2/day	>2/day	<i>P</i> _{int}		
Overall	1.00 (Ref)	1.22 (1.10–1.34)	1.76 (1.25–2.48)	2.29 (1.62–3.24)	-		
Male	1.00 (Ref)	1.22 (1.07–1.39)	1.96 (1.31–2.94)	1.94 (1.28–2.94)	0.585		
Female	1.00 (Ref)	1.22 (1.04–1.44)	1.29 (0.66–2.52)	3.19 (1.63–6.25)			
Fruit juice/drink	None	≤1/day	2/day	>2/day	<i>P</i> _{int}		
Overall	1.00 (Ref)	1.08 (0.98–1.19)	1.26 (0.99–1.58)	1.13 (0.83–1.55)	-		
Male	1.00 (Ref)	0.97 (0.85–1.10)	1.12 (0.82–1.53)	0.88 (0.59–1.32)	0.004		
Female	1.00 (Ref)	1.25 (1.07–1.47)	1.50 (1.03–2.19)	1.82 (1.08–3.07)			
Water	None	1–2 cups	3–4 cups	5–6 cups	7–8 cups	>8 cups	<i>P</i> _{int}
Overall	1.00 (Ref)	1.07 (0.94–1.23)	1.07 (0.93–1.23)	0.92 (0.79–1.07)	0.84 (0.71–0.99)	0.77 (0.65–0.91)	-
Male	1.00 (Ref)	1.05 (0.89–1.23)	1.10 (0.93–1.30)	0.93 (0.77–1.13)	0.84 (0.68–1.04)	0.78 (0.63–0.96)	0.940
Female	1.00 (Ref)	1.15 (0.91–1.46)	1.08 (0.85–1.37)	0.94 (0.73–1.20)	0.90 (0.68–1.19)	0.80 (0.60–1.08)	

Values are presented as odds ratios (95% confidence intervals).

*P*_{int}, *P* for interaction.

*Conditional logistic regression models adjusted for age, ethnicity, education, occupation, body mass index, physical activity, alcohol, smoking, diet (tertile), apolipoprotein B:A ratio (apoB:apoA), diabetes, hypertension, cardiac risk factors, global stress, and other beverage types.