

**Table S1 Exploration of other brain regions**

Beverage type	Genes	PWAS (Permutation <i>P</i> value)		TWAS (Permutation <i>P</i> value)				
		ROS/MAP	Banner	Frontal Cortex	Amygdala	Cerebellum	Anterior cingulate cortex	Hippocampus
Bitter beverages								
Total	<i>ABCG2</i>	2.99×10 <sup>-3</sup>	3.05×10 <sup>-3</sup>	/	/	/	/	/
Total	<i>CPNE1</i>	4.96×10 <sup>-3</sup>	1.34×10 <sup>-3</sup>	1.6×10 <sup>-12</sup>	4.61×10 <sup>-08</sup>	/	1.02×10 <sup>-07</sup>	7.2×10 <sup>-10</sup>
Alcoholic bitter beverages	<i>FLOT2</i>	2.68×10 <sup>-2</sup>	1.76×10 <sup>-5</sup>	/	/	/	/	/
Tea	<i>ABCG2</i>	7.65×10 <sup>-3</sup>	8.79×10 <sup>-3</sup>	/	/	/	/	/
Sweet beverages								
Total	<i>FLOT2</i>	5.04×10 <sup>-3</sup>	4.04×10 <sup>-7</sup>	/	/	/	/	/
Artificially sweetened beverages	<i>ACTR1B</i>	9.62×10 <sup>-3</sup>	1.59×10 <sup>-2</sup>	/	/	1.91×10 <sup>-02</sup>	/	/

Note: PWAS, proteome-wide association study; TWAS, transcriptome-wide association study. ROS/MAP and Banner means human brain proteomes for PWAS analysis; Frontal Cortex, Amygdala, Cerebellum, Anterior cingulate cortex and Hippocampus means five datasets of human brain gene expressions for TWAS analysis.