Appendix Exhibit 1. Questionnaire Items Assessing Secondary Psychosocial Outcomes

Construct (Source)	# of items	Items	Response scale	Reliabilitya
Behavioral intentions				
Intentions to limit consumption of beverages with added sugar (1)	3	In the next week, I want to drink less than 1 beverage with added sugar.	1=Not at all 3=A little 5=Somewhat 7=Very much	0.91
		In the next week, I plan to drink less than 1 beverage with added sugar.	1=Not at all 3=A little 5=Somewhat 7=Very much	
		In the next week, I am likely to drink less than 1 beverage with added sugar.	1=Not at all likely 3=A little likely 5=Somewhat likely 7=Very likely	
Intentions to limit consumption of specific SSBs (1)	5	In the next week, I am likely to drink less than 1 [beverage category] like these. <sup>b</sup> regular (non-diet) soda or soft drinkregular (non-diet) energy drinkregular (non-diet) sports drink or regular flavored waterfruit-flavored drink (not 100% juice)sweetened pre-packaged tea or coffee	1=Not at all likely 3=A little likely 5=Somewhat likely 7=Very likely	0.78
Responses to trial labels				
Noticed trial label <sup>c</sup> ( <sup>2,3</sup> )	1	Some of the beverages in the store may have had extra red stop sign [white rectangle] labels (stickers) added on top of the regular packaging, like in this picture. Did you see these labels?	0=No 1=Yes	NA
Attention to label <sup>d</sup> ( <sup>4</sup> )	2	The labels grabbed my attention.  I read and looked closely at the labels.	1=Strongly disagree 2=Disagree	0.83

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			3=Neither agree	
			nor disagree	
			4=Agree	
			5=Strongly agree	
Thinking about warning	2	How much did you think about the information that	1=Not at all	0.87
message/harms <sup>d,e</sup> ( <sup>5,6</sup> )		the labels convey?	2=A little bit	
		How much did the labels make you think about the	3=Somewhat	
		health problems caused by drinking beverages with	4=Quite a bit	
		added sugar?	5=Very much	
Negative emotions elicited	6	How much did the labels on the beverages make you	1=Not at all	0.90
by label <sup>d,f</sup> ( <sup>7,8</sup> )		feel	2=A little	
		anxious?	3=Somewhat	
		scared?	4=Very	
		ashamed?	5=Extremely	
		guilty?		
		disgusted?		
		regretful?		
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Social interactions about	1	How likely are you to talk about the labels with others in the next week?	1=Not at all likely	NA
label ( <sup>7,8</sup> )		in the next week?	2=A little likely	
			3=Somewhat	
			likely	
			4=Very likely	
			5=Extremely	
			likely	
SSB perceptions and attitudes				
Perceived amount of added	5	A normal can of soda is 12 ounces. How much <u>added</u>	1=None	0.57
sugar in SSBs ( <sup>2</sup> )		sugar do you think is in one 12-ounce serving of	2=A little	
		[beverage category] like these? <sup>b</sup>	3=Some	
		regular (non-diet) sodas or soft drinks	4=A lot	
		regular (non-diet) energy drinks		
		regular (non-diet) sports drinks or regular flavored		
		water		
		fruit-flavored drinks (not 100% juice)		
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		sweetened pre-packaged tea or coffee		
Perceived healthfulness of SSB consumption (9)	5	For each beverage, say how healthy or unhealthy it is for you to drink that beverage every day. <sup>b</sup>	1= Unhealthy	0.74
		regular (non-diet) sodas or soft drinks like these	7=Healthy	
		regular (non-diet) energy drinks like these		
		regular (non-diet) sports drinks or regular flavored waters like these		
		fruit-flavored drinks (not 100% juice) like these		
		sweetened pre-packaged teas or coffees like these		
Positive SSB product	10	Say how unappealing or appealing you think each	1=Unappealing	0.79
attitudes ( <sup>9</sup> )		beverage is. <sup>b</sup>	1	
		regular (non-diet) sodas or soft drinks like these	7=Appealing	
		regular (non-diet) energy drinks like these		
		regular (non-diet) sports drinks or regular flavored		
		waters like these		
		fruit-flavored drinks (not 100% juice) like these		
		sweetened pre-packaged teas or coffees like these		
		Say how uncool or cool you think each beverage is. <sup>b</sup>	1=Uncool	
		regular (non-diet) sodas or soft drinks like these	<b></b>	
		regular (non-diet) energy drinks like these	7=Cool	
		regular (non-diet) sports drinks or regular flavored		
		waters like these		
		fruit-flavored drinks (not 100% juice) like these		
		sweetened pre-packaged teas or coffees like these		
Negative outcome	4	Drinking beverages with added sugar every day	1=Not at all	0.78
expectations ( <sup>2</sup> )		would increase my risk of	 7=A lot	
		weight gain		
		diabetes		
		tooth decay		
		heart disease		

<sup>&</sup>lt;sup>a</sup>Chronbach's α for measures with three or more items, Spearman's rho for two-item measures, and NA for single-item measures. <sup>b</sup>These items included images of the products in this beverage category sold in the trial store. For example, items about "regular (non-diet) sodas or soft drinks" showed images of the 5 regular sodas sold in the trial store.

<sup>c</sup>This item had two versions, one for the health warning arm and one for the control arm. Participants responded to their arm's version of the item. Items displayed a mocked up generic bottle of soda with a blank trial label (i.e., no text or image, but the appropriate color and shape) on the front-of-package.

<sup>d</sup>Items were only asked of participants who indicated they had noticed the trial label.

<sup>e</sup>Listed as "cognitive elaboration" in the Clinical Trials Registry.

<sup>f</sup>Listed as "emotional reactions" in the Clinical Trials Registry.

SSB, sugar-sweetened beverage.

#### Appendix

### Sugar-Sweetened Beverage Health Warnings and Purchases: A Randomized Controlled Trial Grummon et al.

### APPENDIX REFERENCES

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### **Appendix**

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