

SUPPLEMENTAL MATERIAL

Table S1. Average Change in All Parameters at Each Time Point

Parameter[§]	Drink A	Drink B	Placebo	P value*
QTcB, ms				
30 mins	0.1 (9.1)	-0.1 (10.7)	-0.1 (8.5)	0.99
60 mins	8.4 (15.0)	8.8 (14.5)	7.9 (11.8)	0.93
90 mins	9.0 (13.3)	6.3 (16.0)	5.4 (12.7)	0.32
120 mins	3.5 (13.7)	6.4 (14.7)	3.0 (11.4)	0.33
150 mins	1.0 (12.6)	2.7 (13.2)	-2.4 (12.8)	0.06
180 mins	2.7 (14.9) [†]	4.7 (18.0) [‡]	-4.5 (12.3)	<0.01
210 mins	7.2 (16.1) [†]	8.2 (14.8) [‡]	-2.4 (10.1)	<0.001
240 mins	10.2 (13.8) [†]	8.3 (15.1) [‡]	-1.1 (12.9)	<0.001
Max	17.9 (13.9) [†]	19.6 (15.8) [‡]	11.9 (11.1)	<0.01
QTcF, ms				
30 mins	1.0 (5.8)	1.4 (8.1)	-0.6 (5.7)	0.32
60 mins	5.4 (9.2)	6.2 (9.7)	2.5 (7.7)	0.07
90 mins	3.8 (8.1)	3.0 (9.6)	-0.1 (9.2)	0.05
120 mins	-0.6 (8.7)	1.9 (8.6)	-1.5 (8.6)	0.10
150 mins	-1.5 (8.5)	-0.6 (8.5)	-4.0 (9.0)	0.11
180 mins	2.0 (10.2) [†]	3.6 (14.0) [‡]	-3.8 (9.1)	<0.01
210 mins	7.8 (13.9) [†]	8.2 (10.9) [‡]	-0.7 (7.7)	<0.001
240 mins	12.3 (12.5) [†]	9.7 (12.0) [‡]	1.0 (9.5)	<0.001
Max	15.0 (11.8) [†]	15.2 (11.9) [‡]	6.9 (7.1)	<0.001
QT, ms				
30 mins	2.8 (9.3)	4.2 (10.7) [‡]	-1.4 (11.3)	0.03
60 mins	-0.5 (12.4) [†]	1.0 (11.9) [‡]	-7.8 (11.1)	<0.01

90 mins	-5.9 (14.3)	-3.7 (10.1)	-10.5 (12.7)	0.07
120 mins	-8.6 (14.0)	-7.0 (12.6)	-10.5 (12.9)	0.58
150 mins	-6.4 (12.8)	-7.3 (11.9)	-7.1 (12.6)	0.96
180 mins	0.3 (13.6)	1.0 (15.9)	-2.4 (13.8)	0.55
210 mins	8.9 (19.6)	8.0 (13.9)	2.5 (14.3)	0.15
240 mins	16.1 (18.3) [†]	12.0 (14.0)	5.3 (11.5)	<0.01
Max	18.4 (17.0) [†]	15.8 (13.3)	10.2 (12.2)	0.03
PR, ms				
30 mins	1.7 (6.4) [†]	2.2 (6.0)	5.1 (6.2)	0.03
60 mins	1.4 (8.8)	3.5 (8.3)	4.9 (8.0)	0.10
90 mins	-2.2 (8.6) [†]	-0.7 (7.6)	3.5 (7.3)	<0.01
120 mins	-2.3 (9.0)	-2.0 (8.7)	0.2 (7.2)	0.33
150 mins	-4.9 (9.8)	-3.0 (7.2)	-1.2 (6.1)	0.10
180 mins	-5.0 (9.3)	-5.2 (6.1)	-2.7 (6.0)	0.24
210 mins	-8.7 (9.7) [†]	-7.9 (7.4) [‡]	-2.7 (6.7)	<0.01
240 mins	-7.0 (8.5)	-7.7 (7.1) [‡]	-3.4 (6.9)	0.04
Max	5.4 (6.5)	6.1 (7.5)	8.6 (6.6)	0.08
QRSd, ms				
30 mins	3.8 (3.5)	3.0 (2.7)	3.1 (3.0)	0.37
60 mins	5.0 (3.5)	4.5 (3.8)	3.9 (3.2)	0.35
90 mins	4.0 (3.8)	3.0 (3.4)	2.8 (3.0)	0.16
120 mins	2.3 (3.0)	1.3 (3.6)	1.5 (3.5)	0.28
150 mins	0.9 (4.0)	1.0 (3.5)	0.3 (3.9)	0.64
180 mins	1.9 (3.8) [†]	0.6 (3.0)	-0.5 (3.4)	0.01
210 mins	2.4 (3.5) [†]	1.8 (3.7) [‡]	-0.3 (3.4)	<0.01

240 mins	2.6 (3.8) [†]	1.7 (2.8) [‡]	-0.3 (2.9)	<0.01
Max	6.2 (3.3)	5.9 (3.0)	5.0 (2.9)	0.16
HR, bpm				
30 mins	-0.8 (4.2)	-1.4 (4.6)	0.6 (4.9)	0.10
60 mins	3.0 (7.9)	2.3 (6.4)	5.2 (6.2)	0.07
90 mins	5.2 (8.4)	3.0 (7.1)	5.2 (6.3)	0.23
120 mins	4.0 (7.9)	4.0 (7.6)	4.3 (5.7)	0.95
150 mins	2.4 (6.9)	2.9 (6.4)	1.6 (5.8)	0.63
180 mins	0.6 (7.2)	0.8 (6.7)	-0.5 (5.6)	0.62
210 mins	-0.6 (7.4)	0.1 (6.8)	-1.3 (5.3)	0.60
240 mins	-1.9 (6.5)	-1.4 (5.5)	-1.8 (5.2)	0.92
Max	7.7 (7.4)	7.2 (6.8)	7.4 (5.9)	0.92
SBP, mmHg				
30 mins	9.5 (5.0) [†]	8.0 (4.6) [‡]	5.0 (5.0)	<0.01
60 mins	13.5 (5.5) [†]	11.5 (5.5) [‡]	7.3 (6.2)	<0.001
90 mins	11.1 (6.7) [†]	9.7 (6.5) [‡]	4.7 (5.4)	<0.001
120 mins	10.7 (5.5) [†]	8.0 (6.0) [‡]	3.5 (5.0)	<0.001
150 mins	7.2 (4.0) [†]	7.7 (5.5) [‡]	1.5 (4.8)	<0.001
180 mins	6.8 (5.5) [†]	7.5 (5.1) [‡]	1.5 (5.5)	<0.001
210 mins	6.8 (5.1) [†]	5.9 (5.2) [‡]	2.5 (5.1)	<0.001
240 mins	9.0 (4.6) [†]	7.8 (5.4) [‡]	4.2 (4.5)	<0.001
Max	15.9 (5.0) [†]	14.4 (4.8) [‡]	9.8 (4.8)	<0.001
DBP, mmHg				
30 mins	4.5 (4.7) [†]	4.5 (4.4) [‡]	1.7 (4.2)	0.01
60 mins	6.9 (4.2) [†]	6.8 (5.3) [‡]	2.8 (3.9)	<0.001

90 mins	6.4 (4.6) [†]	5.5 (4.6) [‡]	2.2 (4.2)	<0.001
120 mins	5.8 (4.3) [†]	5.2 (3.9) [‡]	1.2 (3.1)	<0.001
150 mins	5.5 (4.5) [†]	6.1 (5.1) [‡]	1.1 (4.0)	<0.001
180 mins	4.6 (5.9) [†]	4.3 (6.1) [‡]	0.8 (3.8)	<0.001
210 mins	1.4 (5.1)	2.7 (5.2)	1.1 (3.9)	0.28
240 mins	3.0 (4.6)	3.3 (5.3)	2.4 (4.6)	0.69
Max	9.6 (4.1) [†]	9.6 (4.9) [‡]	6.1 (3.8)	<0.001
cSBP, mmHg				
30 mins	6.6 (5.2) [†]	5.7 (4.9) [‡]	2.8 (4.2)	<0.01
60 mins	8.9 (5.2) [†]	7.4 (5.6) [‡]	3.2 (4.6)	<0.001
90 mins	6.8 (5.9) [†]	5.5 (5.5) [‡]	1.7 (5.2)	<0.001
120 mins	6.4 (5.1) [†]	4.6 (5.3) [‡]	0.7 (3.9)	<0.001
150 mins	4.6 (3.8) [†]	4.7 (5.3) [‡]	-0.5 (4.5)	<0.001
180 mins	4.0 (4.8) [†]	4.6 (5.3) [‡]	-0.6 (4.7)	<0.001
210 mins	2.9 (4.5)	3.3 (5.2) [‡]	0.6 (4.8)	0.02
240 mins	4.9 (4.6) [†]	4.1 (5.0)	1.9 (4.7)	0.02
Max	11.1 (4.7) [†]	10.1 (4.8) [‡]	6.5 (3.5)	<0.001
cDBP, mmHg				
30 mins	4.6 (4.6) [†]	4.5 (4.7)	2.1 (4.2)	0.03
60 mins	7.6 (4.3) [†]	6.9 (5.3) [‡]	3.4 (3.8)	<0.001
90 mins	7.0 (5.1) [†]	6.0 (4.9) [‡]	2.9 (4.2)	<0.001
120 mins	6.3 (4.6) [†]	5.8 (4.1) [‡]	2.0 (3.2)	<0.001
150 mins	5.5 (4.4) [†]	6.2 (5.3) [‡]	1.6 (4.1)	<0.001

180 mins	4.6 (6.0) [†]	4.1 (6.4) [‡]	1.2 (3.7)	<0.01
210 mins	1.5 (5.2)	2.7 (5.2)	1.3 (4.0)	0.34
240 mins	3.0 (4.5)	3.3 (5.3)	2.6 (4.5)	0.81
Max	9.9 (4.2) [†]	9.8 (5.1) [‡]	6.7 (3.5)	<0.001

All data reported as mean (standard deviation). cDBP, central diastolic blood pressure; DBP, diastolic blood pressure; cSBP, central systolic blood pressure; HR, heart rate; PR, PR interval; QRSd, QRS duration; QT, QT interval; QTcB indicates Bazett's corrected QT interval; QTcF, Fridericia's corrected QT interval; SBP, systolic blood pressure.

* $P < 0.05$ for analysis of variance adjusted for subject variability

[†]Statistically significant difference between Drink A and Placebo

[‡]Statistically significant difference between Drink B and Placebo

[§]No statistically significant difference was noted between Drink A and Drink B for any parameter