

Supplementary Table 1. Proportion Biochemically Confirmed Abstinent by 16 Randomized Treatment Groups (n=66 per group)

Group	Intervention	Abstinent (%)	OR	95% Confidence Limits		Adj OR*	95% Confidence Limits	
				REF	REF		REF	REF
1	None	2 (3.0)	REF	REF	REF	REF	REF	REF
2	Text Only	2 (3.0)	1.0	0.1	7.3	1.0	0.1	7.7
3	BNI Only	4 (6.2)	2.1	0.4	11.9	2.2	0.4	12.4
4	NRT Only	7 (10.6)	3.8	0.8	19.0	4.0	0.8	20.2
5	QL Only	5 (7.7)	2.7	0.5	14.3	2.6	0.5	14.2
6	Text + BNI	8 (12.1)	4.4	0.9	21.6	4.4	0.9	21.9
7	Text + NRT	12 (18.2)	7.1	1.5	33.2	6.9	1.5	32.4
8	Text + QL	5 (7.7)	2.7	0.5	14.3	2.5	0.5	13.5
9	BNI + NRT	7 (10.6)	3.8	0.8	19.0	3.8	0.8	19.0
10	BNI + QL	8 (12.1)	4.4	0.9	21.6	4.5	0.9	22.0
11	NRT + QL	7 (10.6)	3.8	0.8	19.0	3.7	0.7	18.7
12	Text + BNI + NRT	11 (16.7)	6.4	1.4	30.1	6.6	1.4	31.0
13	Text + BNI + QL	8 (12.1)	4.4	0.9	21.6	4.8	1.0	23.5
14	Text + NRT + QL	7 (10.6)	3.8	0.8	19.0	3.7	0.7	18.5
15	BNI + NRT + QL	17 (25.8)	11.1	2.4	50.3	12.0	2.6	54.5
16	Text + BNI + NRT + QL	8 (12.1)	4.4	0.9	21.6	4.4	0.9	21.6

*Adjusted for age, sex, race/ethnicity and baseline daily cigarette consumption

Supplementary Table 2. Parameter estimates (log odds) for the full factorial logistic regression.

Variable	Log Odds	95% Confidence		**Adj	95%		P value
	Estimate	Limits		OR	Confidence Limits		
Intercept	-2.17	-2.98	-1.36	-	-	-	<.000
text	0.05	-0.17	0.27	1.11	0.71	1.73	0.64
bni	0.29	0.07	0.51	1.78	1.14	2.77	0.01
nrt	0.37	0.14	0.59	2.08	1.34	3.24	0.001
ql	0.17	-0.05	0.39	1.40	0.90	2.17	0.14
text*bni	-0.01	-0.23	0.21	0.95	0.39	2.31	0.92
text*nrt	-0.04	-0.27	0.18	0.84	0.34	2.04	0.70
text*ql	-0.18	-0.40	0.04	0.49	0.20	1.19	0.12
bni*nrt	-0.13	-0.36	0.09	0.58	0.24	1.42	0.23
bni*ql	0.02	-0.20	0.25	1.10	0.45	2.66	0.83
nrt*ql	-0.16	-0.38	0.06	0.52	0.22	1.26	0.15
text*bni*nrt	-0.11	-0.33	0.11	0.41	0.07	2.41	0.32
text*bni*ql	-0.10	-0.32	0.12	0.46	0.08	2.71	0.39
text*nrt*ql	-0.09	-0.31	0.14	0.50	0.09	2.96	0.45
bni*nrt*ql	0.16	-0.06	0.38	3.52	0.60	20.62	0.16
text*bni*nrt*ql	-0.03	-0.25	0.19	0.64	0.02	22.28	0.81
sex (F)	0.17	-0.23	0.57	1.19	0.80	1.77	0.40

age	0.01	-0.01	0.02	1.01	0.99	1.02	0.45
White	-0.20	-0.73	0.33	0.82	0.48	1.39	0.46
Asian/Other	-0.25	-0.49	-1.43	0.45	0.24	1.57	0.31
Black	-0.28	-0.80	0.24	0.76	0.45	1.28	0.30
Baseline Daily Cigarette Consumption	-0.03	-0.06	0.00	0.97	0.94	1.00	0.04

*Effect coding was used for intervention parameters so log odds estimates can't be directly exponentiated to get odds ratios. For instance, the odds ratio for main effects are obtained by exponentiating $2 \cdot \log\text{odds}$.

**Adjusted for age, sex, race/ethnicity and baseline daily cigarette consumption