

BRIEF SCHOOL-BASED ALCOHOL PREVENTION PROGRAMS

SUPPLEMENTARY MATERIAL

Table S1

Descriptive Statistics and Bivariate Correlations between Study Characteristics, by Intervention Delivery Format

	Effect size	Follow-up timing (weeks)	Duration (minutes)	RCT ^a	Average attrition	United States ^a	Percent male	Percent White	Average age (years)	Hazardous use ^a	MET ^a	Personal feedback ^a
	<i>M</i>	15.7	130	.56	.12	.33	55	56	15.63	.44	.11	.11
	<i>(SD)</i>	(8.93)	(78.10)	(0.53)	(0.15)	(0.5)	(18)	(31)	(1.34)	(0.53)	(0.33)	(0.33)
Effect size	—	-.78*	.28	.18	-.59	.93*	.32	.00	.52	.30	.01	-.08
Follow-up timing	16.31 (6.17)	-.04	.07	-.27	.22	-.61 [†]	-.35	-.06	-.13	-.30	.42	.06
Duration	68.29 (39.35)	.63	.37	.15	-.18	.29	-.57	-.30	-.18	-.52	-.19	.24
RCT ^a	.75 (0.46)	-.04	-.95*	-.29	-.03	.63 [†]	-.41	.89*	-.35	-.55	-.40	.32
Average attrition	.14 (0.19)	.55	-.22	.27	.28	-.30	-.43	-.60	-.19	.17	-.33	-.18
United States ^a	.5 (0.53)	-.11	.03	-.37	0	-.56	-.23	.12	.07	-.16	-.25	-.25
Percent male	51 (7)	.62	-.35	.42	.22	.78 [†]	-.72 [†]	.80 [†]	.33	.38	.18	-.13
Percent White	27 (31)	-.48	.67 [†]	-.08	-.55	-.45	.83*	-.79 [†]	-.23	-.51		.49
Average age	15.53 (1.34)	.12	.55	.83*	-.35	.40	-.38	-.02	-.01	.64 [†]	.41	.01
Hazardous use ^a	.63 (0.52)	.43	.40	.86*	-.45	.36	-.77*	.61	-.44	.54	.40	-.32
MET ^a	1 (0)											-.13
Personal feedback ^a	.75 (0.46)	-.41	-.16	-.00	.33	.42	-.58	.17	-.26	.27	.15	

Note. Bivariate correlations for individually-delivered studies are presented below the diagonal (means and standard deviations in the first column), and bivariate correlations for group-delivered studies are presented above the diagonal (means and standard deviations in the first row).

^a Indicates dichotomous variable where 1= yes (i.e., RCT, located in America, hazardous alcohol use, use of MET, personal feedback) and 0 = else.

[†] $p < .10$. * $p < .05$.

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Table S2

Effect of Study Method and Quality on Outcomes

Study Quality Variables	Model 1 ^a		Model 2 (<i>k</i> = 17)		Model 3 (<i>k</i> = 17)		Model 4 (<i>k</i> = 15)	
	<i>b</i>	95% CI	<i>b</i>	95% CI	<i>b</i>	95% CI	<i>b</i>	95% CI
Format (Group = 1)	-0.49 [†]	[-1.00, 0.01]	-0.49 [†]	[-1.02, 0.03]	-0.44	[-0.98, 0.10]	-0.68 *	[-1.19, -0.17]
RCT (yes = 1)	0.32	[-0.30, 0.94]	0.29	[-0.29, 0.86]				
Monitoring (yes = 1)	0.38	[-0.23, 0.98]			0.25	[-0.35, 0.84]		
Average attrition	1.02	[-1.04, 3.09]					1.11	[-0.61, 2.82]
Constant			0.36	[-0.18, 0.90]	0.47 *	[0.05, 0.90]	0.54 *	[0.15, 0.93]
τ^2			0.16		0.16		0.11	
I^2 res (%)			69.46		68.18		64.29	
Adjusted R ²			13.69		13.18		45	

Note: *k* = number of studies. *b* = unstandardized coefficient from meta-regression model. CI = confidence interval. RCT = randomized control trial.

^aModel 1 column includes coefficients from four separate bivariate meta-regression models.

[†]*p* < .10. **p* < .05.