Supplemental Online Content

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This supplemental material has been provided by the authors to give readers additional information about their work.

eTable 1: Comparisons of participants and non-participants on key variables based on unweighted values^a

	participants(n=1174)	non-participants(n=946)	p-value
Child characteristics			
Male, No. (%)	494(42.1)	586(61.9)	<.001
Birth weight (kg), mean (SD)	3.40(50)	3.40(.50)	.971
Non-Canadian, No., %	303(25.9)	297(31.7)	.004
Internalizing behaviors at 29 months ^b	0.90(1.21)	0.89(1.23)	.732
Externalizing behaviors at 29 months ^c	4.91(2.49)	5.24(3.00)	.014
Family Characteristics			
Maternal age at birth in years, mean (SD)	29.18(5.47)	28.51(5.46)	.004
Maternal depression ^d , mean (SD)	1.32(1.29)	1.50(1.40)	.002
Non-intact family (single or blended), No. (%)	190(16.2)	216(23.0)	<.001
Family socioeconomic status ^e	0.17(.96)	-0.19(1.00)	<.001

Data were compiled from the final master file of the Québec Longitudinal Study of Child Development (1998-2018), Québec Government, Québec Statistics Institute.

^aVariables were measured when the child was 5 months of age, unless otherwise indicated.

^bAssessed at 29 months, missing values were replaced with 17 months; 6 items from the Behavior Questionnaire(32, 49) (e.g., is too fearful or anxious), scores range from 0-8.

^cAssessed at 29 months, missing values were replaced with 17 months; 10 items from the Behavior Questionnaire(32, 49) (e.g., cannot sit still, is agitated), scores range from 0-18.

^dAssessed using a shortened version (12 items) of the Center for Epidemiologic Studies-Depression(25). Scores were standardized to range from 0-10. ^ez-scores reflecting an aggregate of parental educational level, annual gross income and parental education level(31).

eTable 2: Correlations between social support at 19 years, mental health problems and suicide-related outcomes at 20 years and adolescent confounders from 15-17 years†

	Social Support	Depression	Anxiety	Ideation	Attempts	
Family Characteristics 15-17y						
Sex	.09	.16	.22	01	01	
Socio-economic status	.12	04	06	01	03	
Hostile-Reactive Parenting	04	.01	.04	.01	03	
Family Structure at 17y	08	.05	.05	.05	.07	
Family Functioning	08	.07	.09	.03	01	
Mental Health 15-17y						
Anxiety	16	.38	.42	.15	.13	
Depression	20	.45	.40	.18	.17	
Conduct	14	.14	.11	.11	.10	
Oppositional/Defiant	14	.23	.22	.13	.11	
Inattention/Hyperactivity	12	.27	.26	.13	.11	
Suicide Ideation	10	.13	.17	.24	.19	
Suicide Attempts	05	.08	.11	.15	.11	

Data were compiled from the final master file of the Québec Longitudinal Study of Child Development (1998-2018), Québec Government, Québec Statistics Institute.

All continuous confounder scores measured in adolescence were standardized into z-scores and averaged across ages 15 and 17 years. Bolded estimates are statistically significant; p<.05.

[†]based on maximum n available ranging from 907 to 1174.

eTable 3: Prospective associations between social support at 19 years and mental health problems and suicide-related outcomes at 20 years; *n*=907, maximum available sample.

	Depressive symptoms		Anxiety symptoms		Suicide ideation	Suicide attempts
	β	<i>p</i> -value	β	<i>p</i> -value	OR (95% CI)	OR (95% CI)
Social support						
Adjusted for sex	-0.30	<.001	-0.17	<.001	0.57(0.48-0.68)	0.57(0.45-0.73)
Fully adjusted	-0.22	<.001	-0.09	.004	0.62(0.52-0.73)	0.61(0.46-0.81)

Data were compiled from the final master file of the Québec Longitudinal Study of Child Development (1998–2018), Québec Government, Québec Statistic Institute.

The fully adjusted model is additionally adjusted for mental health problems in adolescence (15-17 years) including anxiety, depressive, suicidal ideation/attempts, attention deficit hyperactivity-impulsivity, oppositional defiant and conduct symptoms; family characteristics in adolescence (15-17 years) including socioeconomic status and family functioning and family structure (17 years)

P-values for social support*sex interactions were for depressive (p=.942) and anxiety symptoms (p=.502), suicidal ideation (p=.826) and attempts (p=.228).

OR=odds ratio; 95%CI= 95% confidence intervals.

eTable 4: Prospective association between social support at 19 years and clinical threshold of MHPs at 20 years; n=907, maximum available sample.

	OR (95% CI)					
	Depressive	symptoms	Anxiety symptoms			
	Moderate	Severe	Moderate	Severe		
Social support						
Adjusted for sex	0.62(0.54-0.71)	0.46(0.38-0.57)	0.71(0.60-0.85)	0.65(0.53-0.80)		
Fully adjusted	0.72(0.61-0.85)	0.56(0.44-0.70)	0.86(0.69-1.06)	0.75(0.59-0.96)		

Data were compiled from the final master file of the Québec Longitudinal Study of Child Development (1998-2018), Québec Government, Québec Statistic Institute.

OR=odds ratio; 95%CI= 95% confidence intervals.

The fully adjusted model is additionally adjusted for mental health problems in adolescence (15-17 years) including anxiety, depressive, suicidal ideation/attempts, attention deficit hyperactivity-impulsivity, oppositional defiant and conduct symptoms; family characteristics in adolescence (15-17 years) including socioeconomic status, family functioning and family structure (17 years)

Reference categories: no/minimal symptoms for depressive/anxiety symptoms. P-values for social support*sex interactions were for moderate depressive (p=.105) and anxiety symptoms (p=.471) and for severe depressive (p=.955) and anxiety symptoms (p=.281).