



# FAMILY FUNCTIONING AND ADOLESCENT ADJUSTMENT

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Family functioning, hopelessness and adolescents' depressive symptoms: Moderating effects of gender, age and socio-economic status.

Carmen Rodríguez-Naranjo & Antonio Caño

Adolescents' perceptions of their reciprocal relationships with their parents: prospective associations with self-esteem, life satisfaction and depressive symptoms.

Diego Gómez-Baya & Ramón Mendoza

The adaptation of the children of different family modalities according to undergraduates.

Esperanza M<sup>a</sup> Ceballos-Vacas, Beatriz Triana-Pérez & Juan Antonio Rodríguez-Hernández

Exploratory analysis of the interaction between personal well-being in adolescence and the characteristics of family context: typological classification of the secondary students.

Ramón Mendoza, Diego Gómez-Baya & Antonia Rubio González





# FAMILY FUNCTIONING, HOPELESSNESS AND ADOLESCENTS' DEPRESSIVE SYMPTOMS: MODERATING EFFECTS OF GENDER, AGE AND SOCIO-ECONOMIC STATUS

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## Family functioning

Depressive symptoms  
during adolescence



**BROADBAND VARIABLES:**

**COHESION, WARMTH, ACCEPTANCE OR SUPPORT**

**Different impact depending on socio-demographic characteristics**

<b>Gender</b>	Protective effect of family cohesion on girls (Guassi, Moreira & Telzer, 2015) No gender differences (Houltberg, Henry, Merten & Robinson, 2011)
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<b>Age</b>	Protective effect of parental support in youngers (Sitjsema et al., 2014) No age differences (Garnefski, 2000)
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The need of more fine-grained analyses of the specific family variables that affect adolescent depressive symptoms

## SOCIO-ECONOMIC STATUS (SES)

in the development of emotional disorders in adolescents

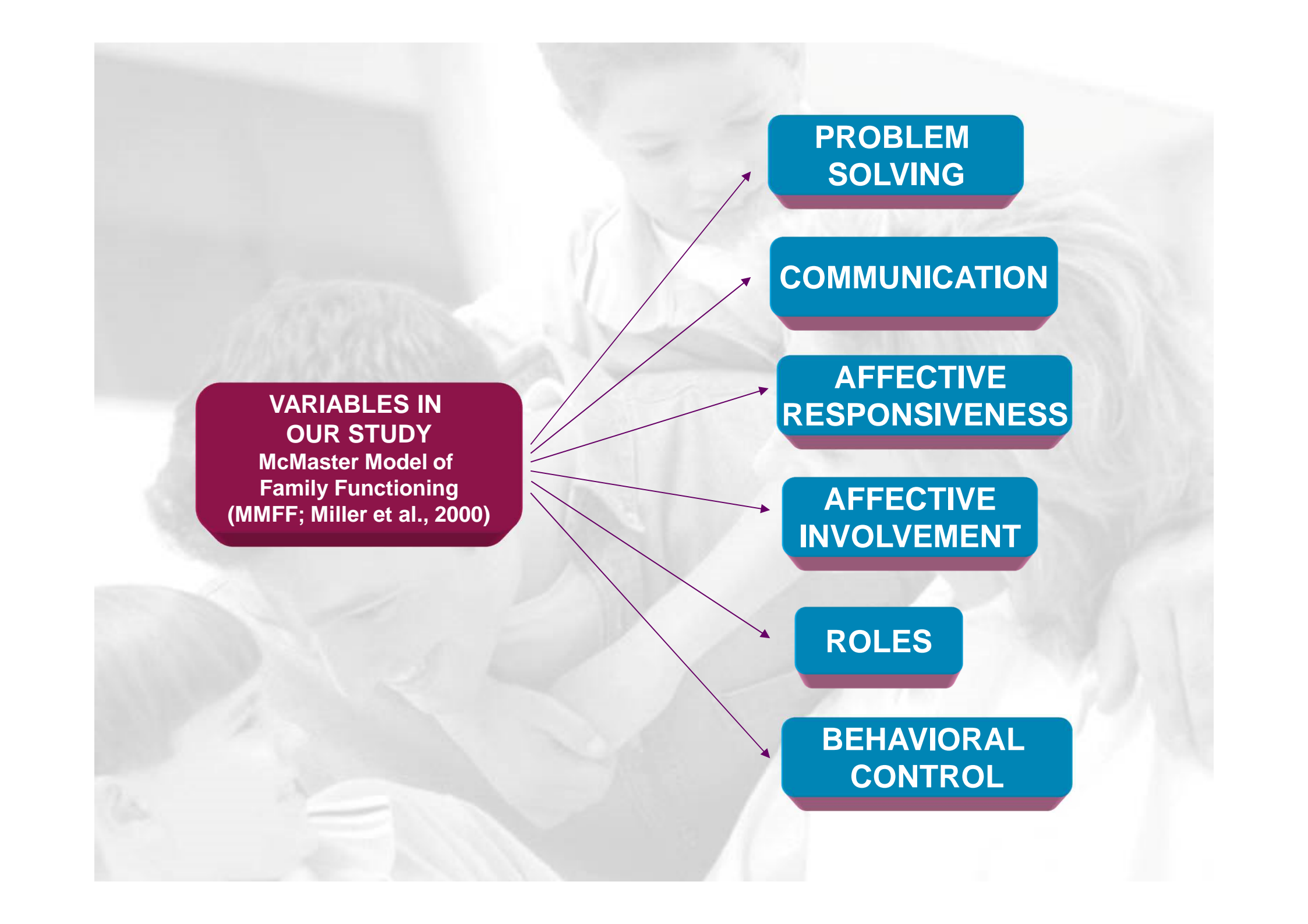
Parental education  $\Rightarrow$  Depressive symptoms (Eley et al., 2004)

Positive family functioning  
decreases the effect of low SES on  
adolescents' aggression

(Stouthamer-Loeber et al., 2002)

✓ Does **POSITIVE FAMILY FUNCTIONING BUFFER** the effect of low SES  
on **ADOLESCENT DEPRESSIVE SYMPTOMS**?





**VARIABLES IN  
OUR STUDY**  
McMaster Model of  
Family Functioning  
(MMFF; Miller et al., 2000)

**PROBLEM  
SOLVING**

**COMMUNICATION**

**AFFECTIVE  
RESPONSIVENESS**

**AFFECTIVE  
INVOLVEMENT**

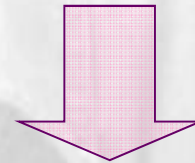
**ROLES**

**BEHAVIORAL  
CONTROL**

Adolescents' overall perceptions of family functioning (total MMFF scores)



DEPRESSIVE SYMPTOMS

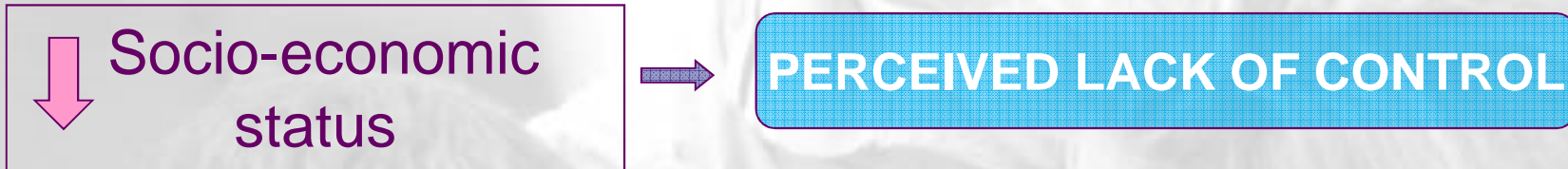


No study has examined the relationship between adolescents' perceptions of specific MMFF variables and their depressive symptoms



**Does HOPELESSNESS would EXPLAIN the effects of FAMILY FUNCTIONING on ADOLESCENT DEPRESSIVE SYMPTOMS?**





**Does HOPELESSNESS would EXPLAIN the effects of SES on ADOLESCENT DEPRESSIVE SYMPTOMS?**



**1**

**Which FAMILY FUNCTIONING variables do PREDICT adolescent depressive symptoms?**

**2**

**Do GENDER, AGE and SES MODERATE the effects of FAMILY FUNCTIONING variables on adolescent depressive symptoms?**

**3**

**Does HOPELESSNESS MEDIATE the effects of FAMILY FUNCTIONING and SES on adolescent depressive symptoms?**

**636** adolescents

327 girls – 309 boys

12-17 years ( $x = 14,7$ ;  $SD = 1,7$ )

*Family Assessment Device (FAD)*

$\alpha$  from .65 to .79

(Epstein, Baldwin & Bishop, 1983)

Total:  $\alpha = .93$

*Beck Depression Inventory (BDI)*

$\alpha = .89$

(Beck, Ward, Mendelson, Mock & Erbaugh, 1961)

*Hopelessness Scale (HS)*

$\alpha = .84$

(Beck, Weissman, Lester & Trexler; 1974)

*Socio-economic Status index (SES)*

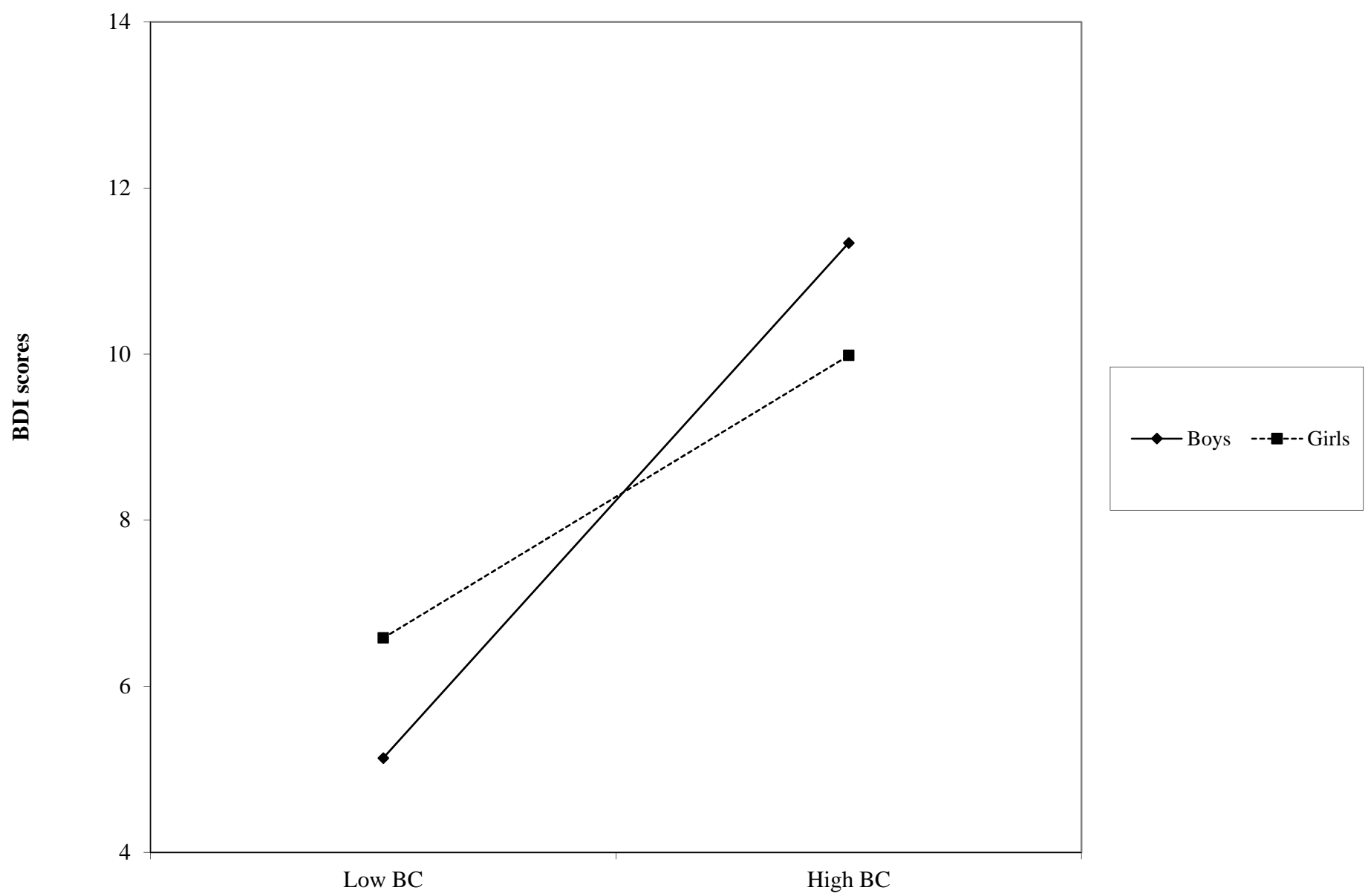
$\alpha = .71$

Parental education, occupation and housing conditions

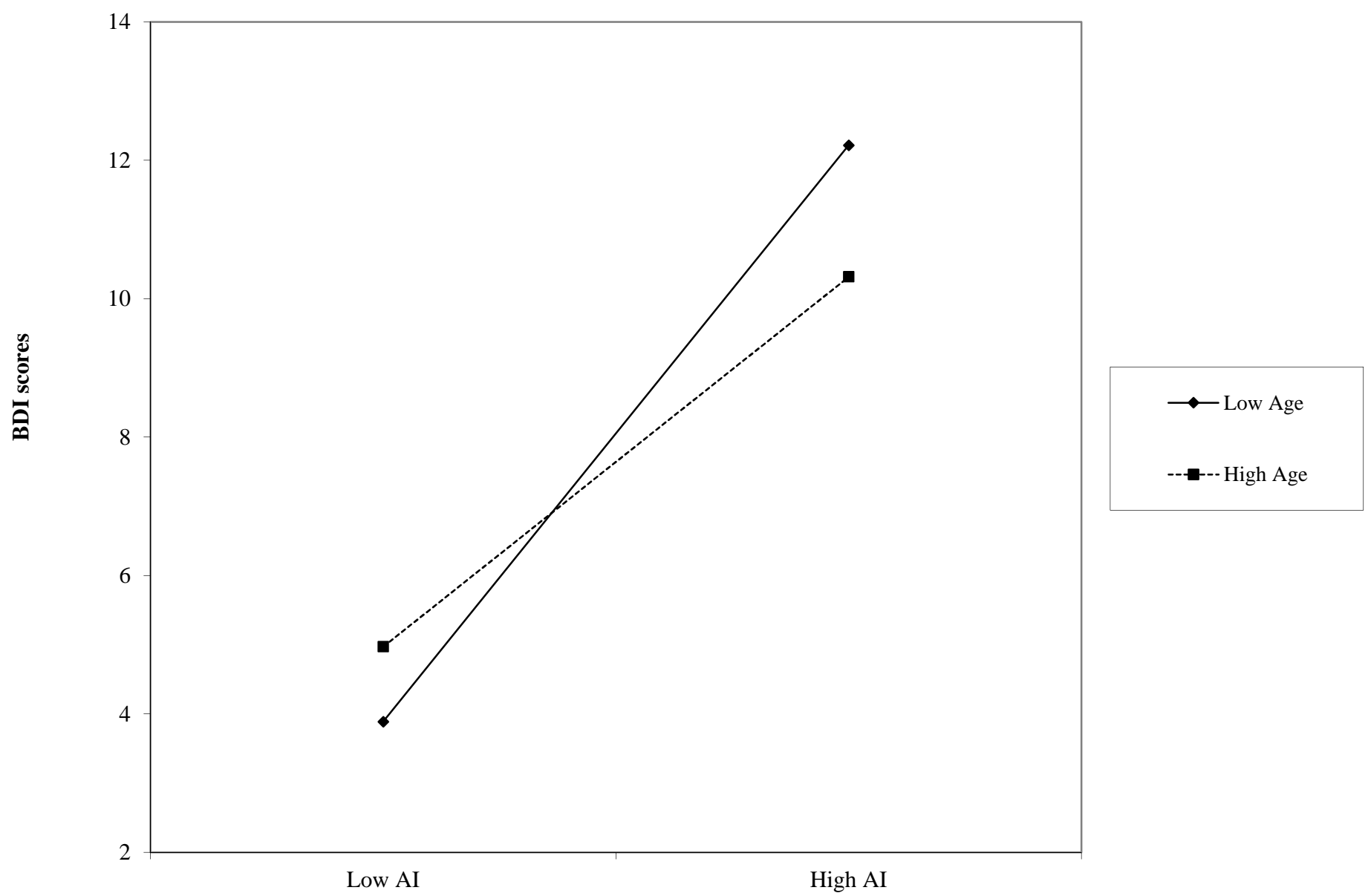
Predictors of BDI scores

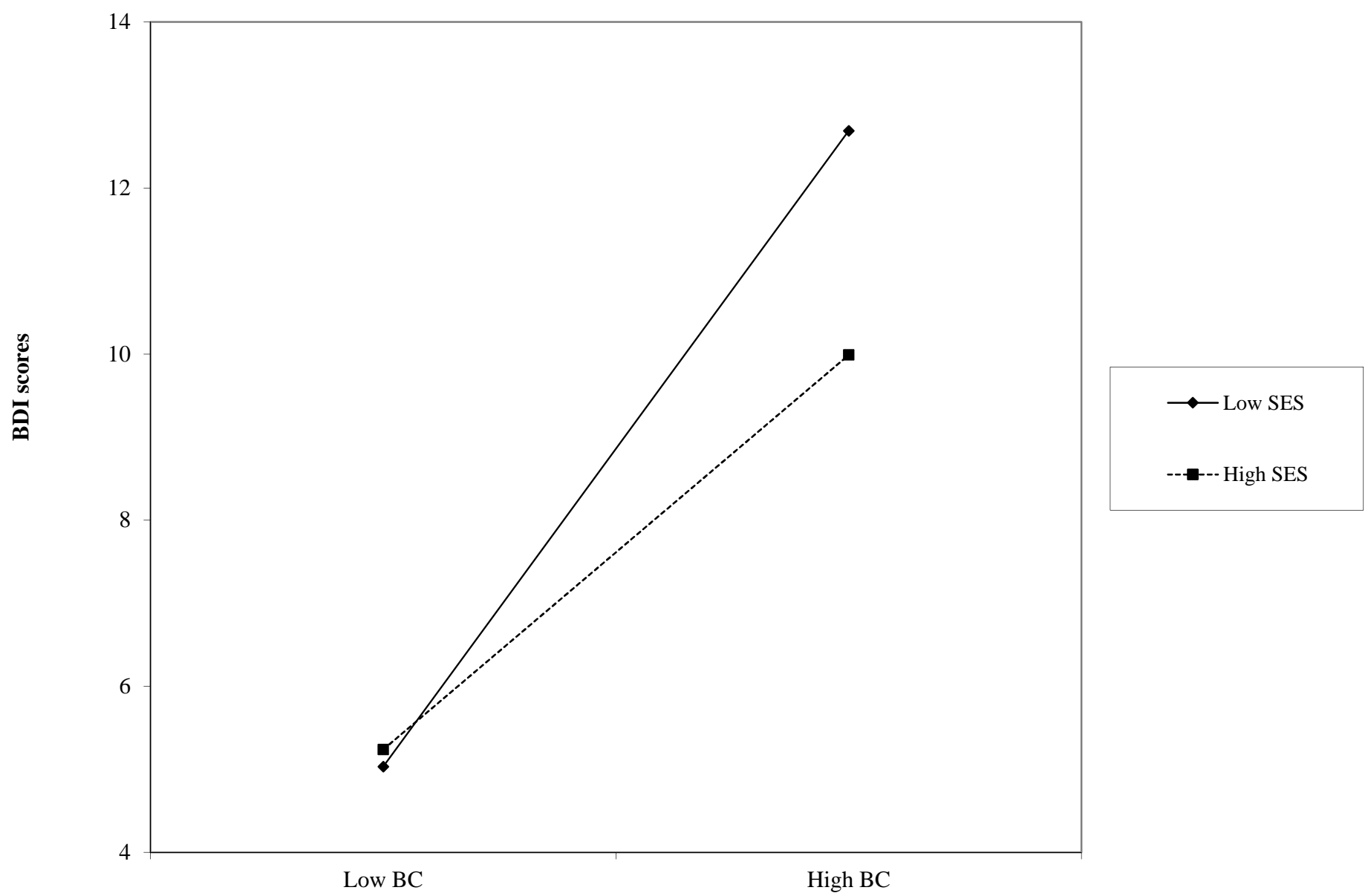
$\beta$

Step	Predictor	$\beta$
Step 1 Socio-demographics	Gender	.01
	Age	.04
	SES	-.12**
Step 2 Family functioning	Problem Solving (PS)	.24***
	Communication (CM)	.24***
	Affective Responsiveness (AR)	.34***
	Affective Involvement (AI)	.33***
	Roles (RL)	.29***
	Behavioral Control (BC)	.29***
Step 3 Moderation effects	RL x Gender	-.14*
	BC x Gender	-.12*
	AI x Age	-.09*
	CM x SES	-.09*
	AR x SES	-.11**
	RL x SES	-.11**
	BC x SES	-.09*









## Mediation Process Analysis (Hayes, 2013)



Controlling gender, age and SES

## Mediation Process Analysis (Hayes, 2013)



Controlling gender, age and SES

**Direct effect: 4.43\*\***

## Mediation Process Analysis (Hayes, 2013)



Controlling gender, age and SES

**Direct effect: 4.43\***

**Indirect effect through hopelessness: 1.34\***

## Mediation Process Analysis (Hayes, 2013)



Controlling gender, age and FAD



## Mediation Process Analysis (Hayes, 2013)



Controlling gender, age and FAD

**Direct effect: n.s.**

## Mediation Process Analysis (Hayes, 2013)

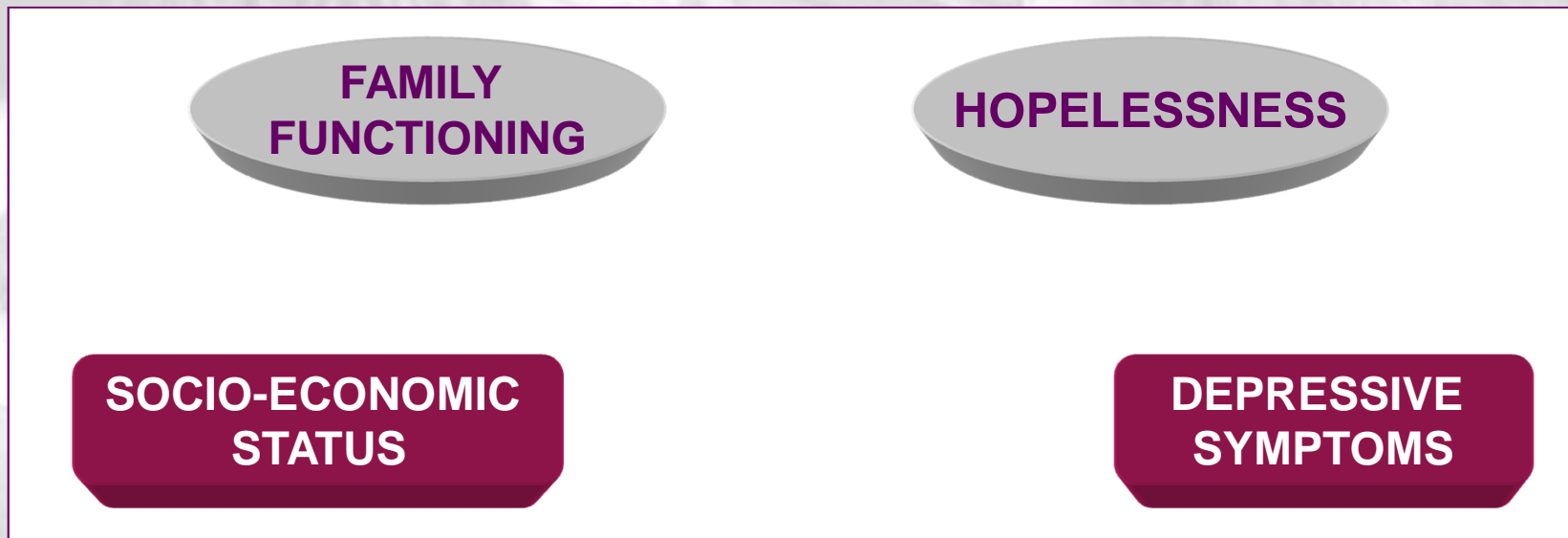


Controlling gender, age and FAD

**Direct effect: n.s.**

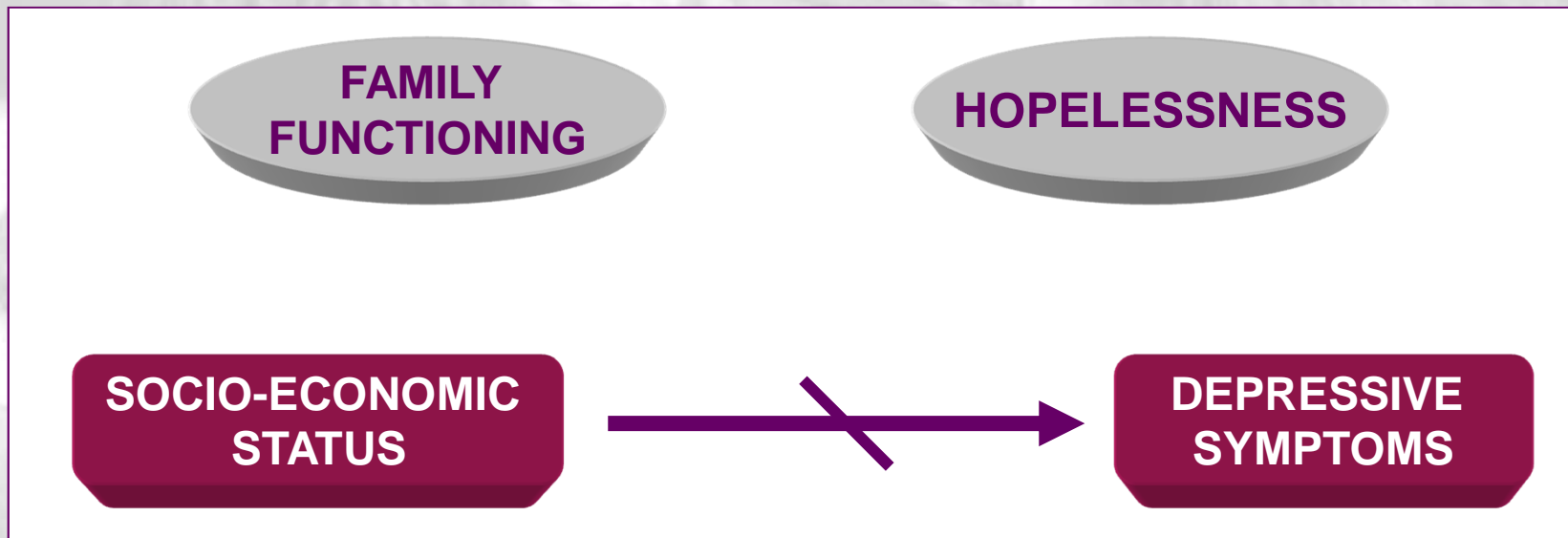
**Indirect effect through hopelessness:  $-.54^*$**

Dual mediational role of family functioning and hopelessness in the relationship between SES and depressive symptoms



Controlling gender and age

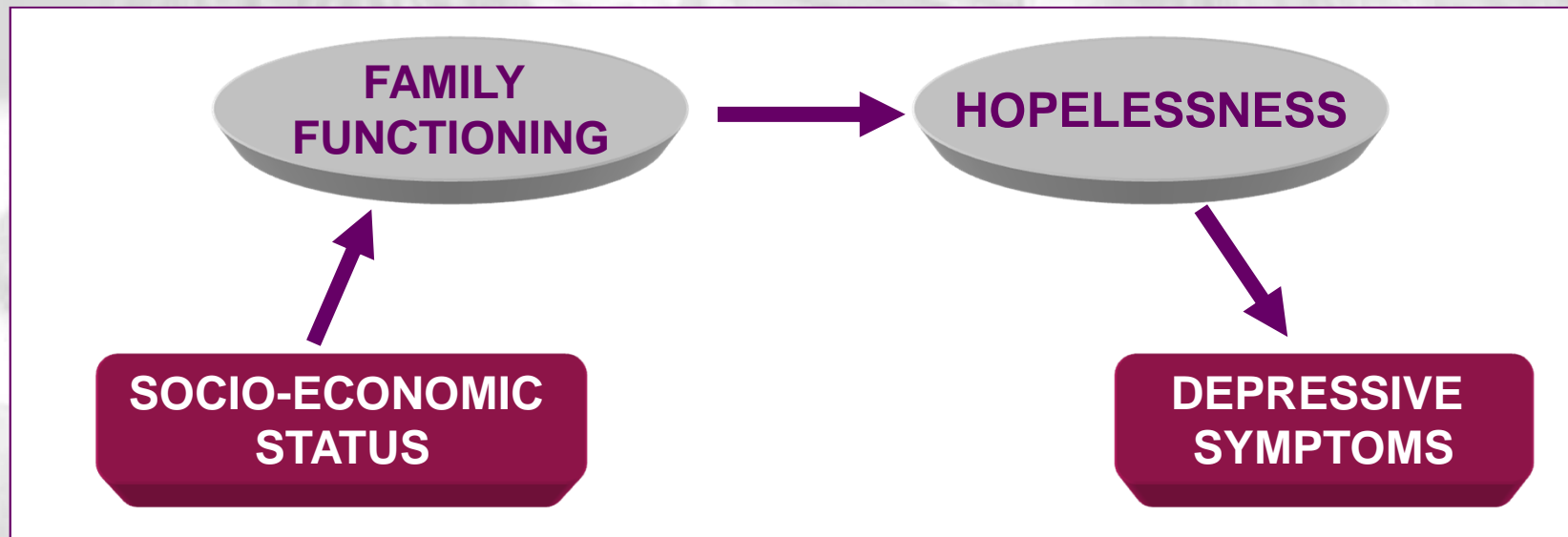
Dual mediational role of family functioning and hopelessness in the relationship between SES and depressive symptoms



Controlling gender and age

**Direct effect: n.s.**

Dual mediational role of family functioning and hopelessness in the relationship between SES and depressive symptoms



Controlling gender and age

**Direct effect: n.s.**

**Indirect effect through family functioning and hopelessness:  $-.86^*$**

## *Family Functioning and SES on depressive symptoms*

Family functioning in all the MMFF variables contribute to adolescents' depressive symptoms

Socio-economic status contributes to adolescents' depressive symptoms



## Moderation effects of socio-demographic characteristics

Roles assignment

Behavior control

Affective involvement

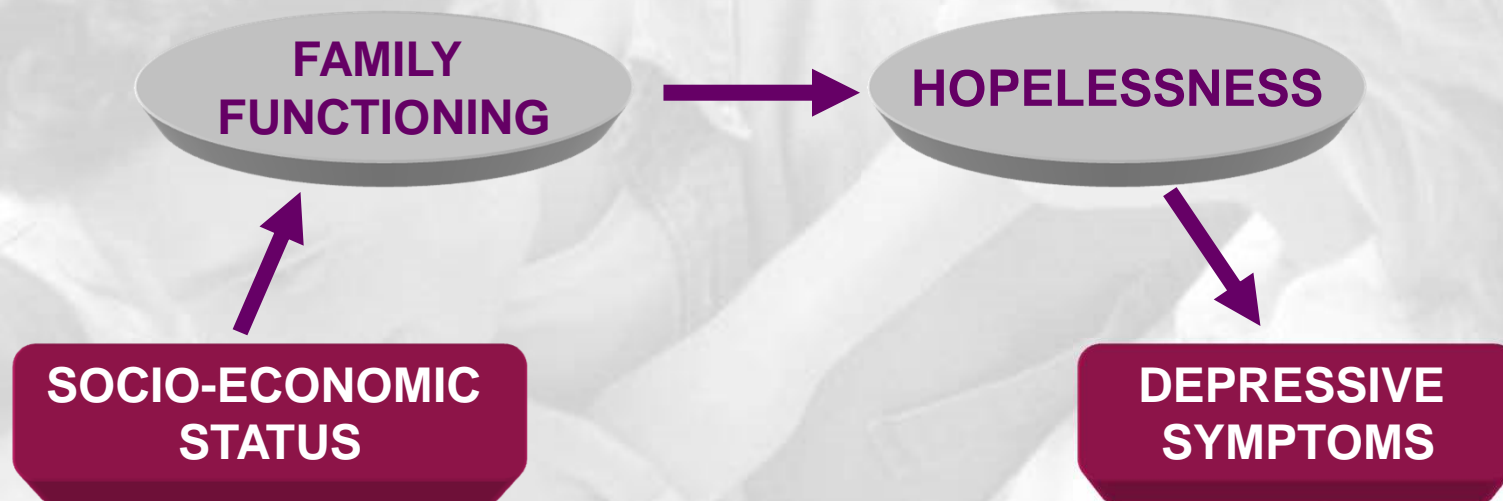
**BOYS**

**YOUNGER  
ADOLESCENTS**

A good family functioning buffered the effect of **LOW SES**

## *Mediation effect of hopelessness*

**THE EFFECT OF LOW SES ON DEPRESIVE SYMPTOMS  
IS MEDIATED BY FAMILY FUNCTIONING AND HOPELESSNESS**



A grayscale photograph of a group of people, including a man and a woman, looking at a laptop screen. The image is semi-transparent, serving as a background for the text. The man is on the left, looking down at the screen, and the woman is on the right, looking towards the screen. Other people are partially visible in the background.

THANK YOU