

Table 1: Demographic and Psychosocial Characteristics of Mothers Giving Birth to Premature Infants by Race/Ethnicity

Characteristics	Latina (n = 97)	Black (n = 97)
Maternal age (yrs)**		
<20	10.3	27.8
20-24	55.7	51.5
25-34	17.5	10.3
35+	16.5	10.3
Maternal Education		
<HS	35.1	29.9
HS+	64.9	70.1
Parity		
Primiparous	35.1	44.3
Multiparous	64.9	55.7
Work Status		
Working (Full or Parttime)	35.1	43.3
Not Working	64.9	56.7
School Status**		
Enrolled in School	9.3	35.1
Not Enrolled in School	90.7	64.9
Children in household		

	1	24.7	21.6
	2	27.8	23.7
	3	23.7	19.6
	4	16.5	16.5
	5 or more	7.2	18.6
Adults in household**			
	1	5.2	25.8
	2	53.6	42.3
	3	19.6	21.6
	4 or more	21.6	10.3
Living Arrangement**			
Lives with Mother/ Grandmother		7.2	42.3
Lives with Baby's Father		70.1	25.8
Lives with Mother/Grandmother and Baby's Father		13.4	3.1
Lives with Neither		9.3	28.9
Income			
<185% FPL		88.3	90.6
185% FPL +		11.7	9.4
Lives in Disadvantaged Neighborhood			
(INDS)**			
Yes		20.6	56.7
No		79.4	43.3

History of Mental Illness

Yes	5.2	10.3
No	94.8	89.7

Postpartum Depression (PDSS)\*\*

Normal Adjustment	74.2	54.6
Significant Symptoms	13.4	30.9
Major Symptoms	12.4	14.4

Symptoms of Depression (CES-D)

Yes	29.9	24.5
No	70.1	75.5

Social Support (PRQ-2000), Mean (SD)\*\* 92.0 (13.1) 96.0 (10.3)

Trait Anxiety (STAI-Y2), Mean (SD)<sup>a</sup> 30.3 (8.0) 30.4 (9.2)

State Anxiety (STAI-Y1), Mean (SD)\*\* 32.3 (11.4) 27.9 (8.1)

# Days Postpartum at Time of Interview, 6.9 (7.5) 7.0 (6.5)

Mean (SD)

Infant Sex\*

Male	54.6	46.4
Female	45.4	53.6

Infant Gestational Age at birth (wks), 32.5 (1.6) 32.5 (1.5)

Mean (SD)

Newborn Risk Sub-score (POPRAS), 43.9 (10.4) 46.1 (11.4)

Mean (SD)

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<sup>a</sup>One Latina and one Black woman had missing values for trait anxiety due to partial

interviews.

\*\* $p < 0.05$  for chi-square test (categorical variables) or t-test (continuous variables)

\* $p < 0.10$

Table 2: Demographic and Psychosocial Characteristics of Latina Mothers Giving Birth to Premature Infants by Language Preference at Interview

Characteristics	Spanish Interview	English Interview
	(n = 64)	(n = 33)
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Maternal age (yrs)		
<20	6.3	18.2
20-24	56.3	54.5
25-34	18.8	15.2
35+	18.8	12.1
Maternal Education		
<HS	40.6	24.2
HS+	59.4	75.8
Parity		
Primiparous	35.9	33.3
Multiparous	64.1	66.7
Work Status**		
Working (Full or Part-time)	28.1	48.5
Not Working	71.9	51.5
School Status		
Enrolled in School	6.3	15.2
Not Enrolled in School	93.8	84.8
Children in household		

	1	28.1	18.2
	2	20.3	42.4
	3	26.6	18.2
	4	18.8	12.1
	5+	6.3	9.1
Adults in household			
	1	4.7	6.1
	2	51.6	57.6
	3	23.4	12.1
	4+	20.3	24.2
Living Arrangement*			
Lives with Mother/ Grandmother		3.1	15.2
Lives with Baby's Father		76.6	57.6
Lives with Both		10.9	18.2
Lives with Neither		9.4	9.1
Income			
<185% FPL		91.9	81.3
185% FPL +		8.1	18.8
Lives in Disadvantaged Neighborhood			
(INDS)			
Yes		21.9	18.2
No		78.1	81.8

History of Mental Illness

Yes	6.3	3.0
No	93.8	97.0

Postpartum Depression (PDSS)

Normal Adjustment	73.4	75.8
Significant Symptoms	14.1	12.1
Major Symptoms	12.5	12.1

Symptoms of Depression (CES-D)

Yes	29.7	30.3
No	70.3	69.7

Social Support (PRQ-2000), Mean (SD)\*\* 89.8 (13.3) 96.3 (11.8)

Trait Anxiety (STAI-Y2), Mean (SD)<sup>a</sup> 31.0 (7.5) 28.8 (8.7)

State Anxiety (STAI-Y1), Mean (SD)\* 33.7 (10.7) 29.6 (12.4)

# Days Postpartum at Time of Interview, 6.7 (7.6) 7.2 (7.3)

Mean (SD)

Infant Sex

Male	50.0	63.6
Female	50.0	36.4

Infant Gestational Age at birth (wks), 32.3 (1.7) 32.7 (1.5)

Mean (SD)

Infant Severity Score (POPRAS), 43.4 (9.9) 44.7 (11.5)

Mean (SD)

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<sup>a</sup>One Latina with a Spanish interview had a missing value for trait anxiety due to a

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partial interview.

\* $p < 0.10$

\*\* $p < 0.05$



Table 3: Prevalence of High State Anxiety by Demographic Characteristics of Mothers Giving Birth to Premature Infants

Demographic Characteristic		High State Anxiety (%)
Maternal age		
	<20 yrs	10.8
	20-24 yrs	18.3
	25-34 yrs	22.2
	35 yrs+	11.5
Maternal Education		
	<HS	14.3
	HS+	17.6
Parity		
	Primiparous	11.7
	Multiparous	19.7
Work Status		
	Working	14.5
	Not Working	17.8
School Status		
	Enrolled in School	11.6
	Not Enrolled in School	17.9

Children in household

1	13.3
2	22.0
3	21.4
4	9.4
5+	12.0

Adults in household

1	13.3
2	17.2
3	12.5
4+	22.6

Living Arrangement\*

Lives with Mother/ Grandmother	10.4
Lives with Baby's Father	23.7
Lives with Mother/ Grandmother and Baby's Father	6.3
Lives with Neither	10.8

Income

<185% FPL	15.9
185% FPL +	15.0

Lives in Disadvantaged Neighborhood (INDS)\*\*

Yes	9.3
No	21.0

History of Mental Illness

	Yes	20.0
	No	16.2
Postpartum Depression (PDSS)**		
	Normal Adjustment	9.6
	Significant Symptoms	18.6
	Major Symptoms	46.2
Symptoms of Depression (CES-D)**		
	Yes	40.4
	No	7.2
Low Social Support (PRQ-2000)**		
	Yes	28.3
	No	12.8
Trait Anxiety <sup>a</sup> **		
	High (40+)	48.5
	Low/Moderate (<40)	10.1
# Days Postpartum at Time of Interview		
	<7	19.2
	7 or more	11.6
Infant Sex		
	Male	16.3
	Female	16.7
Infant Gestational Age at birth (wks)		
	29-30	20.0

31-32 16.7

33-34 15.2

Newborn Risk Sub-score (POPRAS)\*\*

High (51+) 24.6

Low/Moderate (<51) 12.3

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<sup>a</sup>One Latina and one Black woman had missing values for trait

anxiety due to partial interviews.

\*p<0.10

\*\*p<0.05

Table 4: Crude and Adjusted Prevalence Ratios (PR) for High State Anxiety from Regression Models Comparing Latinas to Blacks and Spanish to English Language Preference among Latinas

	Crude PR (95% CI)	Adjusted PR (95% CI)
<i>Analysis 1: Race/Ethnicity Comparison (n = 194)</i>		
Latina vs Black	2.55 (1.24, 5.23)**	2.17 (1.05, 4.50)**
Social Support (PRQ-2000) <sup>a</sup>	--	0.97 (0.95, 0.99)**
<i>Analysis 2: Among Latinas Only (n = 97)</i>		
Spanish vs English Language Preference	2.45 (0.91, 6.61)*	2.08 (0.76, 5.67)
Social Support (PRQ-2000) <sup>a</sup>	--	0.98 (0.96, 0.99)**

\*p<0.10

\*\*p<0.05

<sup>a</sup>The PR for social support represents the decreased risk of high anxiety with each increasing point on the PRQ-2000 scale.

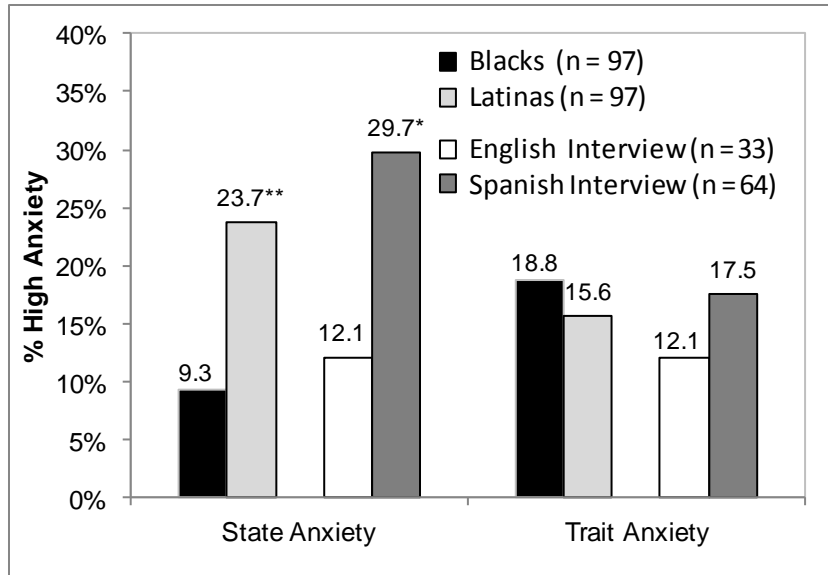


Figure 1: Percent of women reporting high state and trait anxiety, by race/ethnicity (blacks and Latinas) and language preference among Latinas (\*\* $p < 0.05$ , \* $p < 0.10$ )