

TABLE 3. Coefficients from ordinary least-squares regression analyses assessing the effects of selected measures on birth weight, and odds ratios from logistic regressions assessing the effects of those measures on the likelihood of low birth weight

Measure	Birth weight (coefficient)			Low birth weight (odds ratio)		
	Model 1	Model 2	Model 3	Model 1	Model 2	Model 3
Psychosocial/behavioral risk factors						
Threatened with eviction/homeless	-18.76	na	-9.37	1.01	na	0.96
Poor housing conditions	-22.02	na	-13.70	1.10	na	1.04
Inadequate financial resources	14.07***	na	11.33**	0.92**	na	0.94*
Caregiver	-7.05	na	6.97	0.87	na	0.78*
Involved with criminal justice system	-2.15	na	8.05	0.94	na	0.90
Violence/abuse in household	-12.34	na	-5.77	1.18*	na	1.13
Depression/other mental health problem	-2.56	na	5.44	1.07	na	1.02
Pregnancy unwanted	-26.79**	na	-15.35	1.15*	na	1.12
Smoked cigarettes during pregnancy	-122.67***	na	-107.82***	1.43***	na	1.39***
Drank alcohol during pregnancy	-28.74***	na	-19.62**	1.19***	na	1.16***
Used drugs during pregnancy						
Marijuana only	3.89	na	6.31	1.03	na	1.05
Hard drugs only	-137.44**	na	-106.03***	1.74***	na	1.58***
Marijuana and hard drugs	-83.49	na	-63.64***	1.45***	na	1.40***
Other risk factor	-4.89	na	-0.83	1.00	na	0.99
Initiation of prenatal care						
Second trimester	na	na	-14.77***	na	na	1.03
Third trimester	na	na	-13.86***	na	na	0.94*
Nutrition services						
Basic education	na	53.30***	51.48***	na	0.79**	0.78**
Specialized education	na	40.61***	35.73***	na	0.91**	0.89**
Extensive education	na	39.06***	7.34***	na	1.01	1.10
WIC	na	22.71***	21.94***	na	0.87***	0.87***
Social/psychological services						
Basic assessment	na	-5.77	-13.88	na	1.00	1.02
Specialized assessment/counseling	na	-20.31***	-7.70*	na	1.06	1.01
Other extensive/specialized services	na	1.64	-10.55	na	0.99	1.04
Substance abuse treatment	na	-102.32***	-58.33***	na	1.48***	1.19*
Health education services						
Basic	na	36.33*	28.78	na	0.92	0.95
Specialized						
Childbirth	na	39.06***	31.61***	na	0.81***	0.83***
Family planning	na	22.02***	21.36***	na	0.90***	0.89***
Smoking cessation	na	-79.00***	-21.14***	na	1.22***	1.02
Other	na	-26.00***	-25.34***	na	1.17***	1.17***
Home visits						
Professional	na	-44.12***	-28.35***	na	1.25***	1.13***
Paraprofessional	na	-14.29	-5.72	na	1.04	0.99
Both	na	-27.31	-18.26	na	1.08	1.02

*p<.05. **p<.01. ***p<.001. Notes: For drug use, reference category is none, and for prenatal care initiation, reference category is first trimester. For all other measures, reference category is not having the specific risk factor or not having received the service. All models include controls for the social and demographic variables in Table 1 (with finer breakdowns of age and race), plus county of residence and year of the birth. Model 3 also includes the medical and obstetric risk factors in Table 1 and other, less-prevalent medical risk factors. N=90,117 for all models. na=not applicable.