

Association of Exposure to Trump's Presidency with the Perinatal Health of Minoritized Populations

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Background

- Increased stress during pregnancy can have negative effects on the health of pregnant mothers and their infants
- Donald Trump's political career included rhetoric targeting Hispanic, immigrant, and Black populations that has been explored as a chronic sociopolitical stressor with repercussions on the health and well-being of marginalized Americans

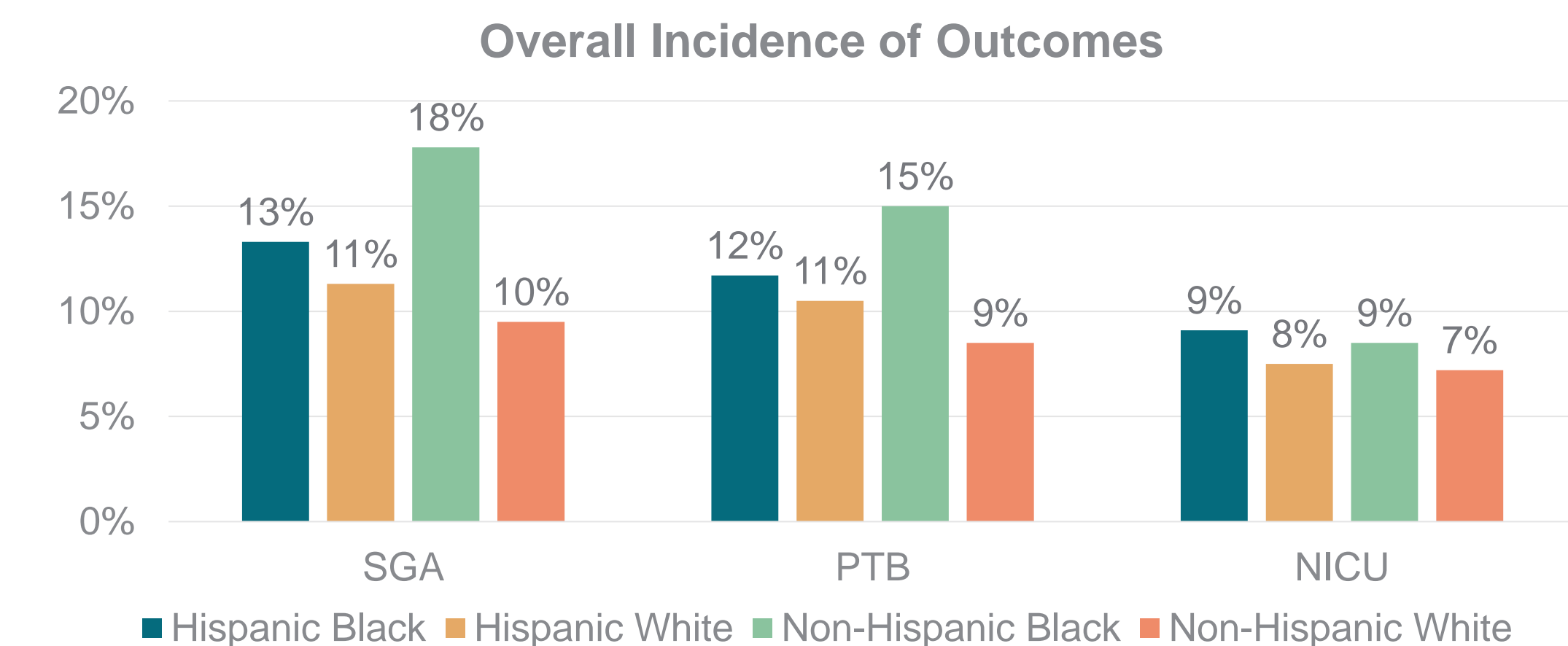
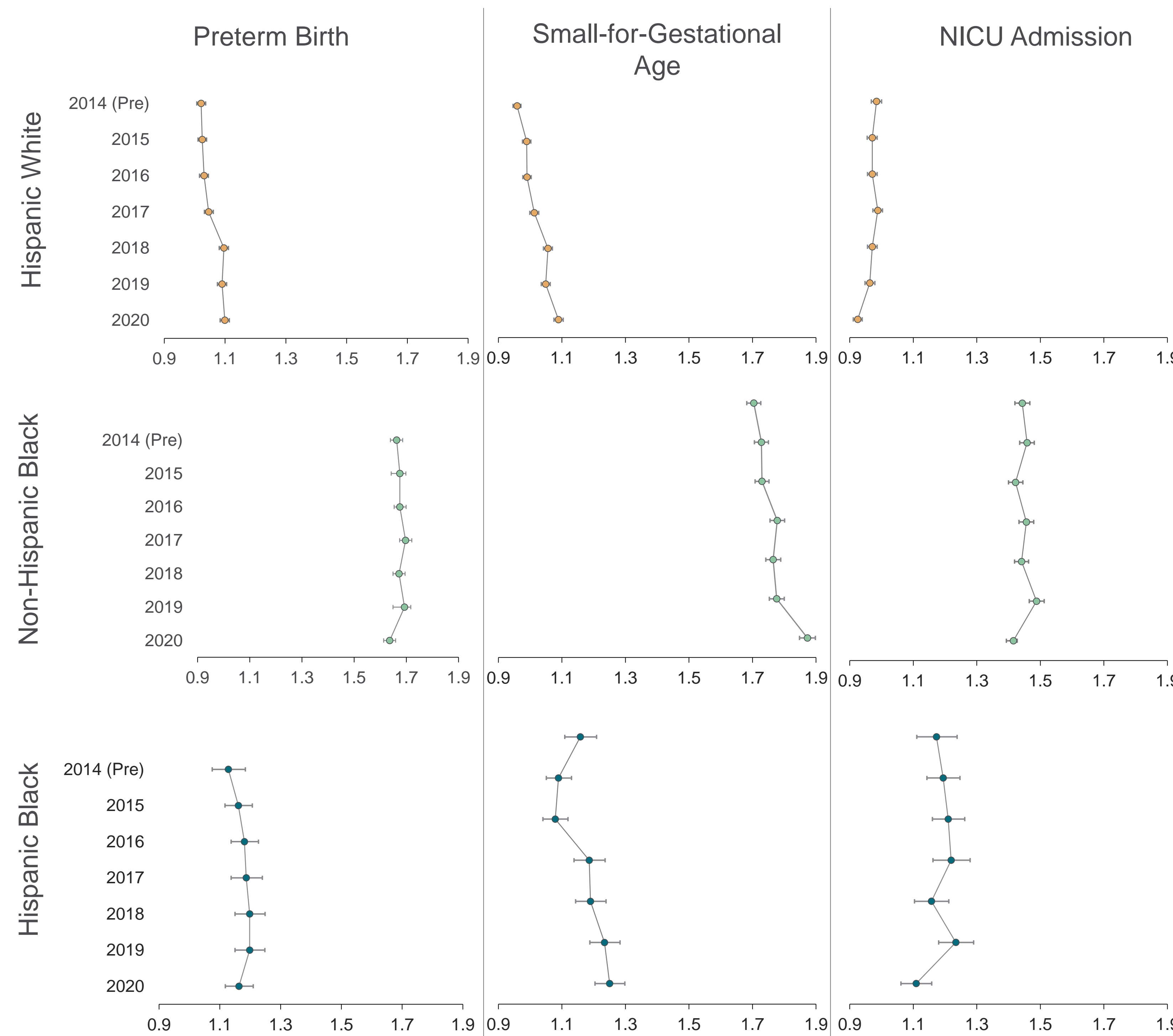
Objectives

- Identify differences in adverse perinatal outcomes between mothers of minoritized racial and ethnic groups compared to Non-Hispanic White mothers over the Trump candidacy/presidency

Methods

- US Birth Certificate Data: July-Dec 2014-2020, n = 11,158,445
- Exposure: Year of Trump candidacy/presidency at conception, 2014 defined as Pre-Trump period
- Multivariable logistic regression model for each year and outcome; adjusted for age, educational attainment, and WIC enrollment

Adjusted Odds of PTB, SGA, and NICU Admission for Hispanic White, Non-Hispanic Black, and Hispanic Black mothers compared to Non-Hispanic White Mothers



Results

- Hispanic White mothers experienced a slight increase in odds of PTB over the Trump era (aOR 1.02 vs. 1.10).
- Non-Hispanic Black mothers experienced a significant increase in odds of SGA (aOR 1.70 vs. 1.87) and consistently had higher odds of all outcomes across the study period
- Hispanic Black mothers experienced some fluctuations in odds of PTB, SGA, and NICU admission with no significant changes

Conclusions

- Exposure to the Trump candidacy/presidency could be responsible for the observed increase in PTB and SGA in the Hispanic population.
- Healthcare institutions should be aware of the potential impact of sociopolitical stress on the perinatal health of vulnerable minoritized populations and take proactive steps to support their needs and health

Background

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Recommendations

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