How the AFCARS and NCANDS Can Provide Insight Into Linked Administrative Data

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¹The collector of the original data, the funder, the National Data Archive on Child Abuse and Neglect, and Cornell University and their agents or employees bear no responsibility for the analyses or⊚interpretations herein. ∋



My argument

Has two parts

- The first is that the AFCARS and NCANDS data can be used to show just how common various stages of CPS contact are.
- ► The second is that doing this presents some problems. And cross-state data linkages, which we talk about far, far less than cross-system linkages, could resolve these problems.

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Part one

- Using the AFCARS and NCANDS data.
- And synthetic cohort life tables (which I will explain)
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► National Child Abuse and Neglect Data System.

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1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

Age	$_{n}D_{\times}$	$_{n}N_{\times}$	$_{n}AN_{\times}$	$_{n}m_{\times}$	$_{n}q_{\times}$	0 <i>C</i> _X
1	1,997					
2	1,071					
3	1,001					
4	957					
5	924					
6	937					
7	905					
8	836					
9	763					
10	713					

cumulative risk of committee matrical by rige 10, 2005						<u>'</u>
Age	$_{n}D_{\times}$	$_{n}N_{\times}$	$_{n}AN_{\times}$	$_{n}m_{\times}$	$_{n}q_{\times}$	0 C _X
1	1,997	4,095,537				
2	1,071	4,098,288				
3	1,001	4,058,368				
4	957	4,049,968				
5	924	4,052,579				
6	937	3,931,274				
7	905	3,885,471				
8	836	3,890,518				
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2	1,071	4,098,288				
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Cumulative Risk of Confirmed Maltreatment by Age 10, 2005

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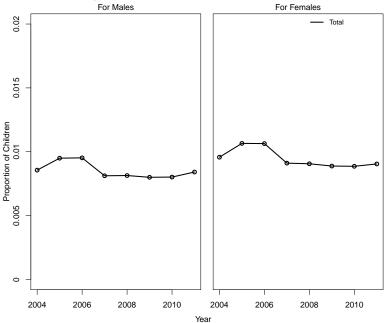
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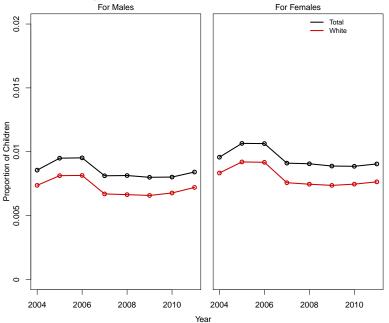
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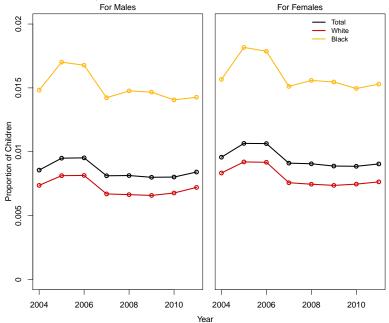
Proportion of Children with Confirmed Maltreatment



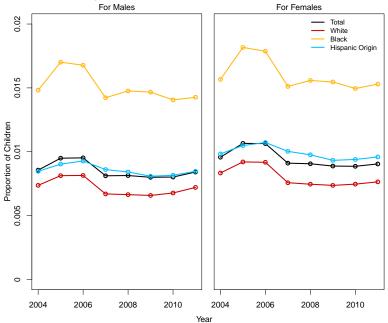
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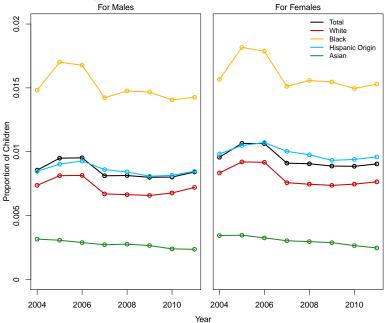
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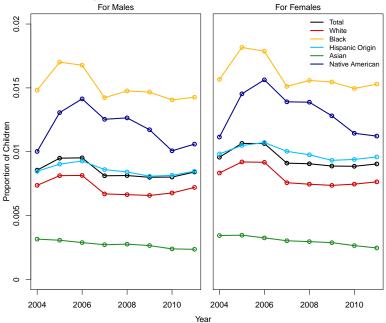
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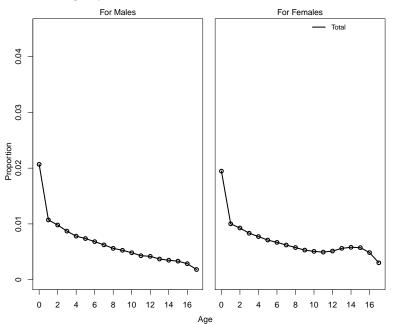


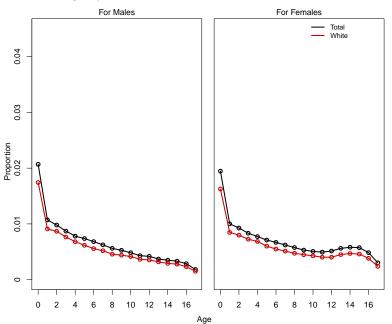
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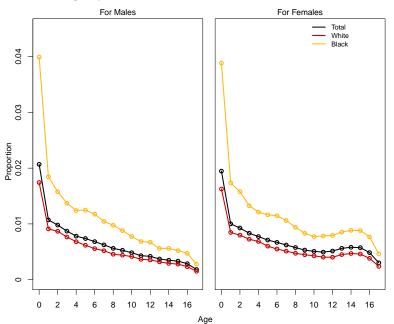


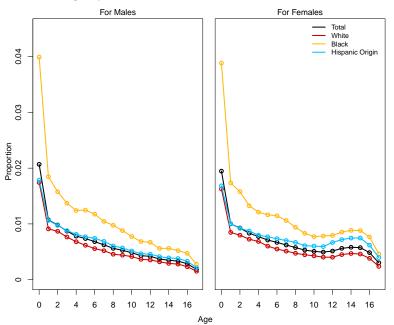
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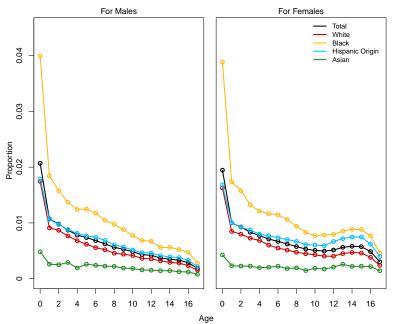


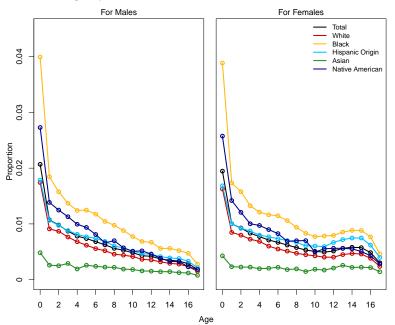


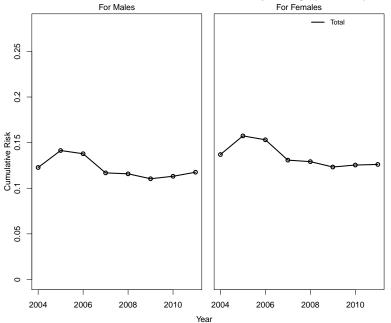


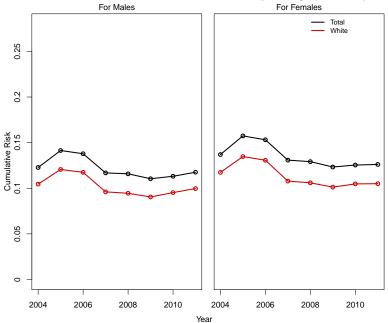


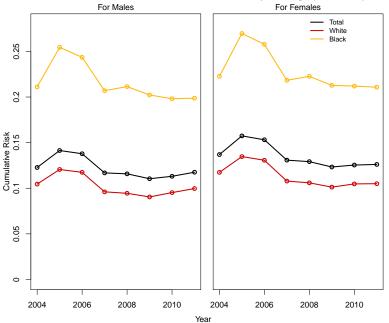


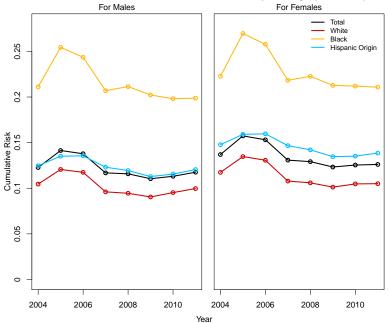


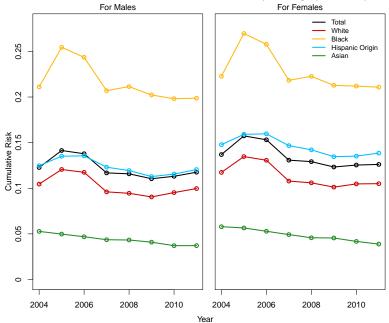


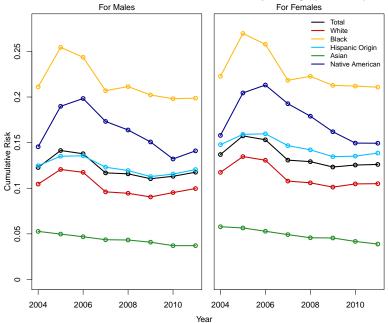




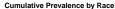


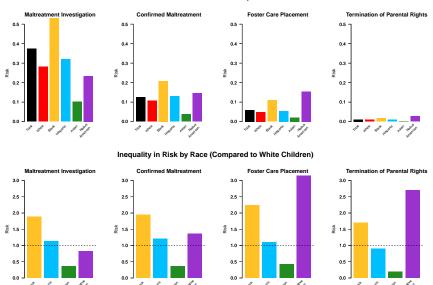






Inequality in the Cumulative Prevalence of Child Welfare System Contact





Part two

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- So children could be counted multiple times in different states

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- Get data from multiple states.
- ► Show how much bias not accounting for migration introduces
- Problem: Harmonizing data, only a marginally better estimate.

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