

The “birth hump”

A shape decomposition of perinatal excess mortality

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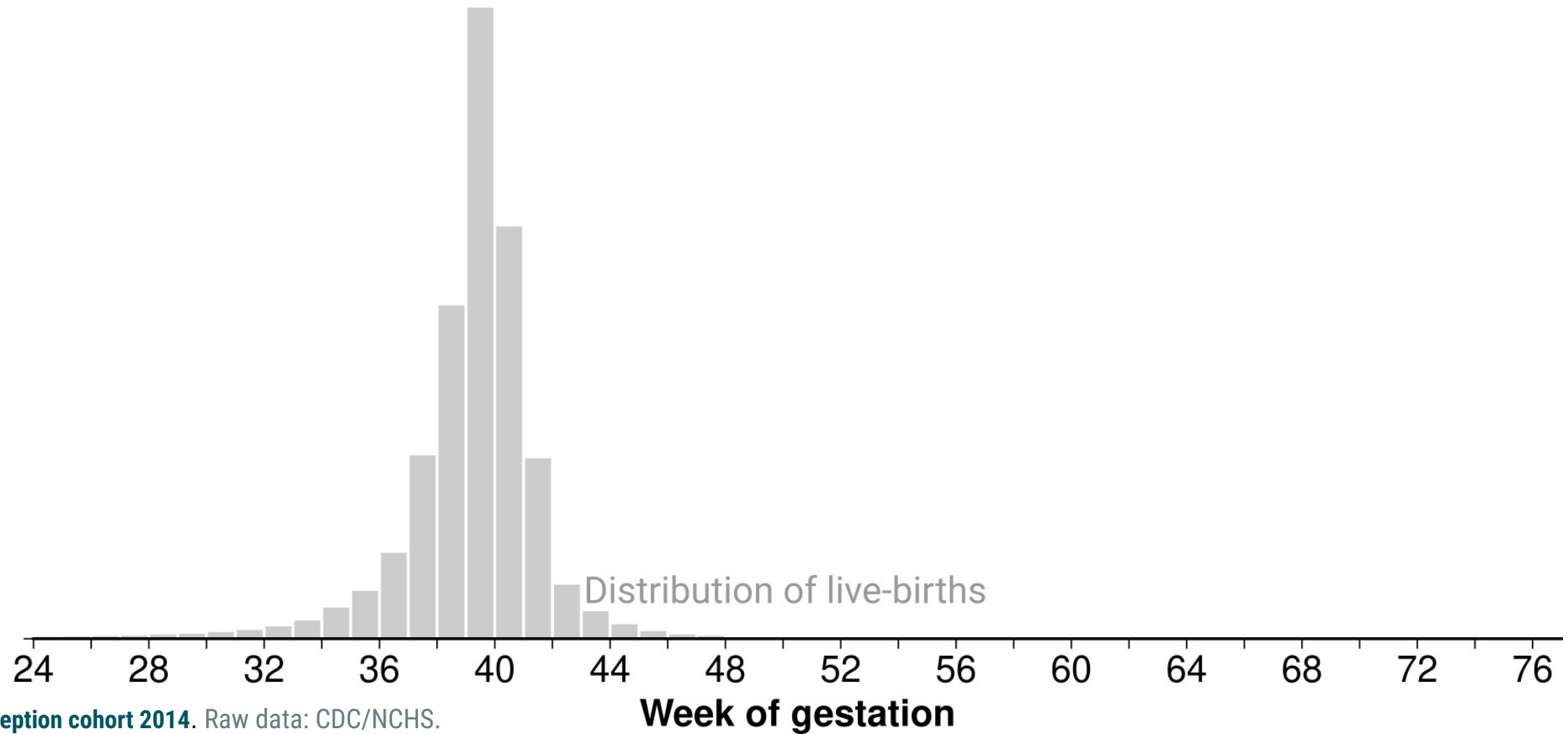
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kniffka@demogr.mpg.de

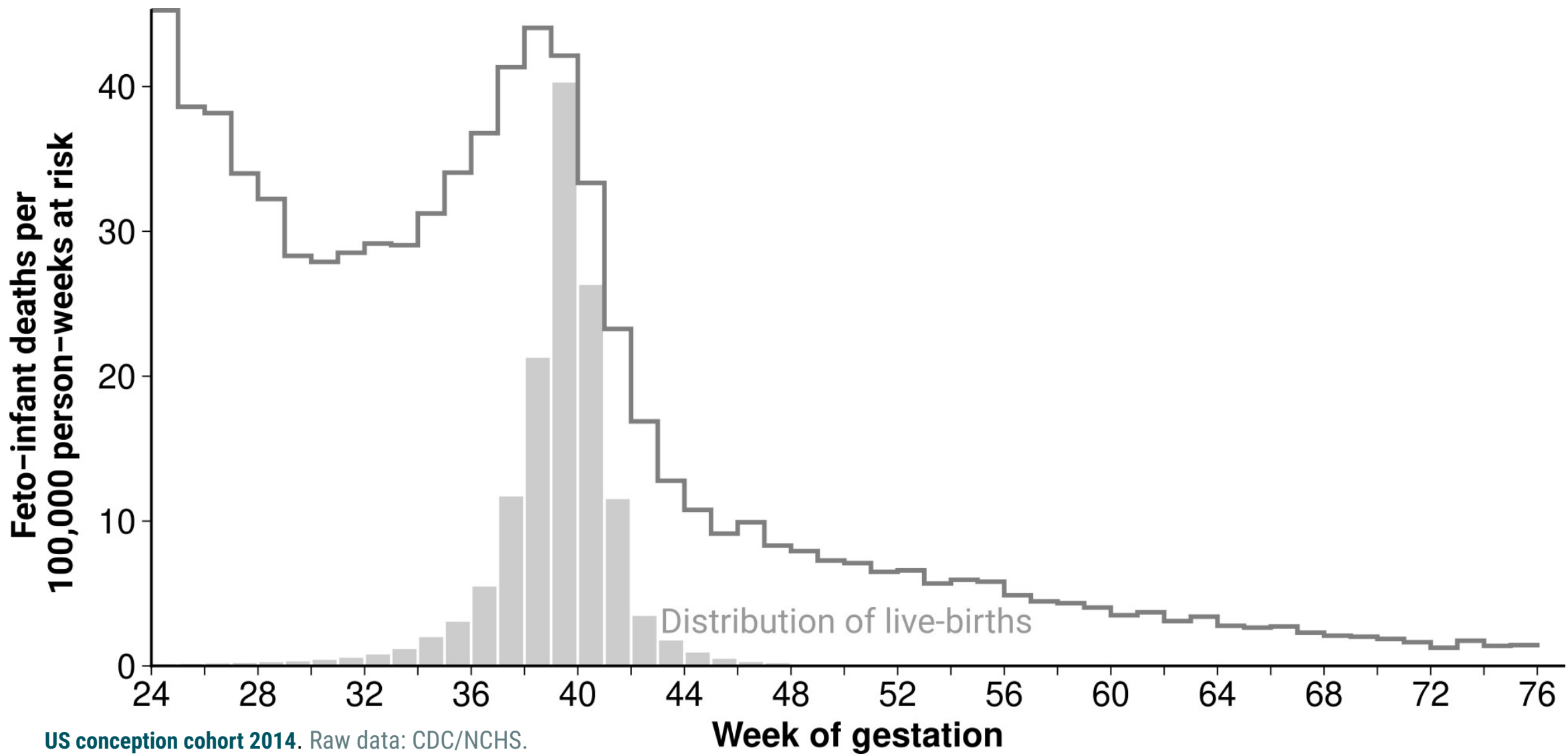


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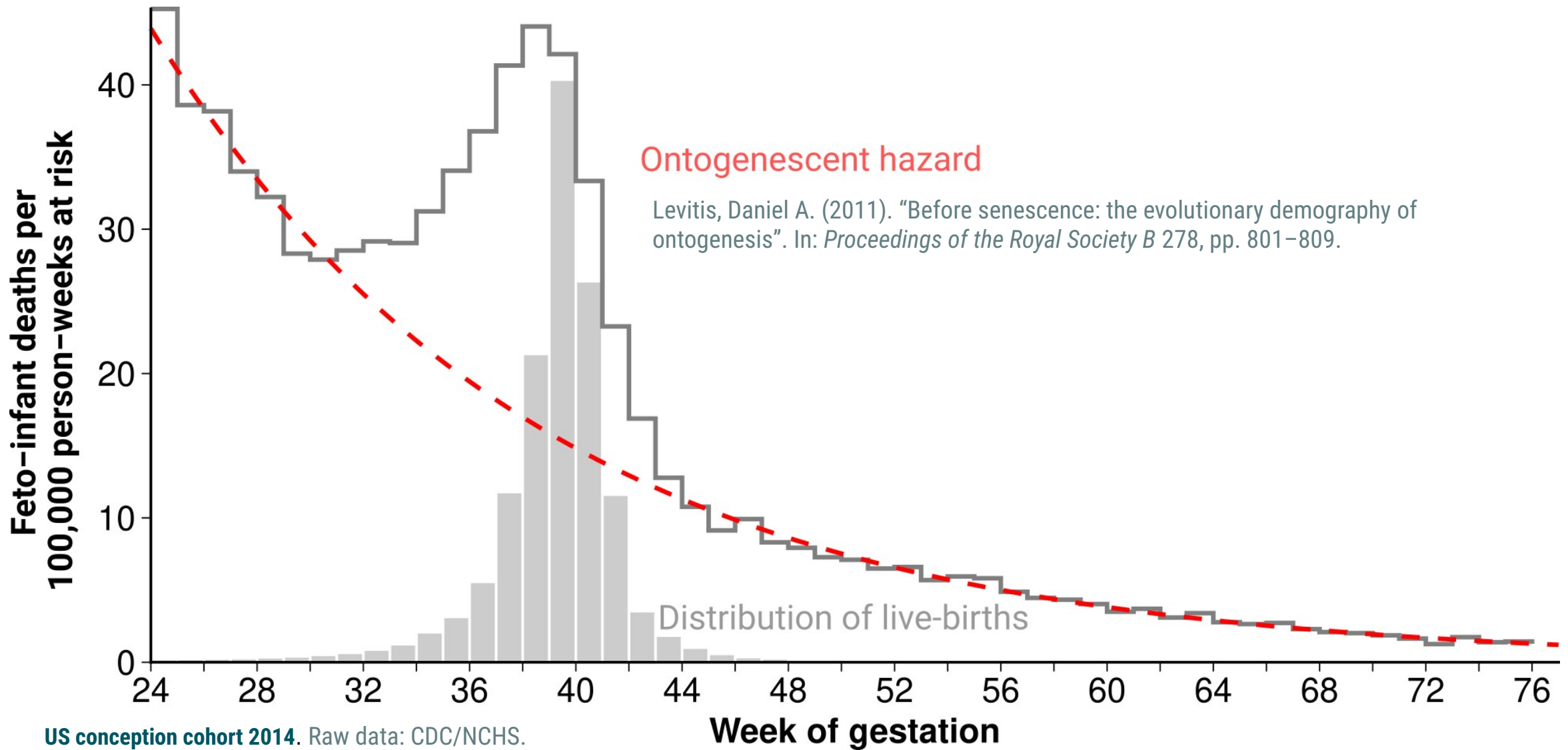
The transitional shock of birth



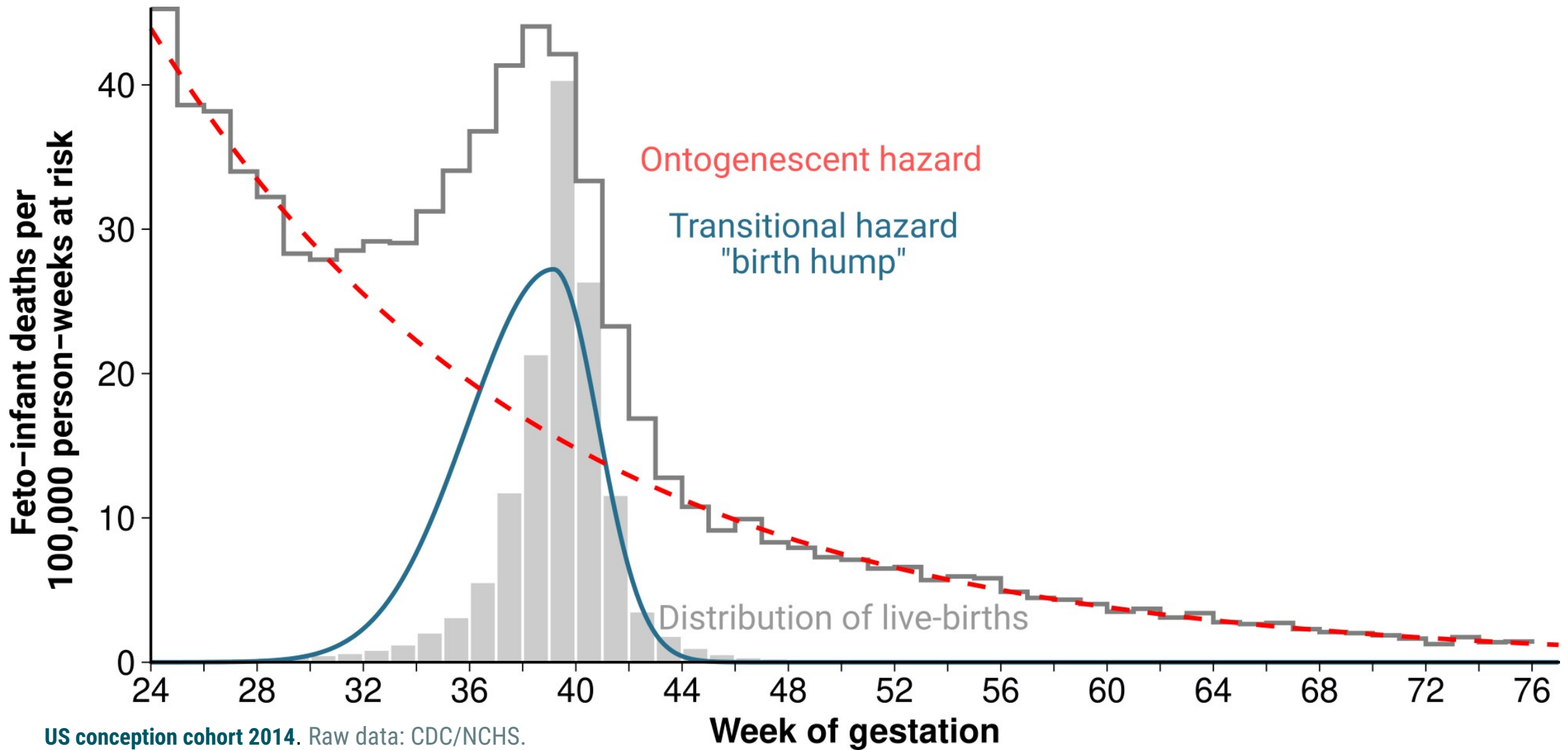
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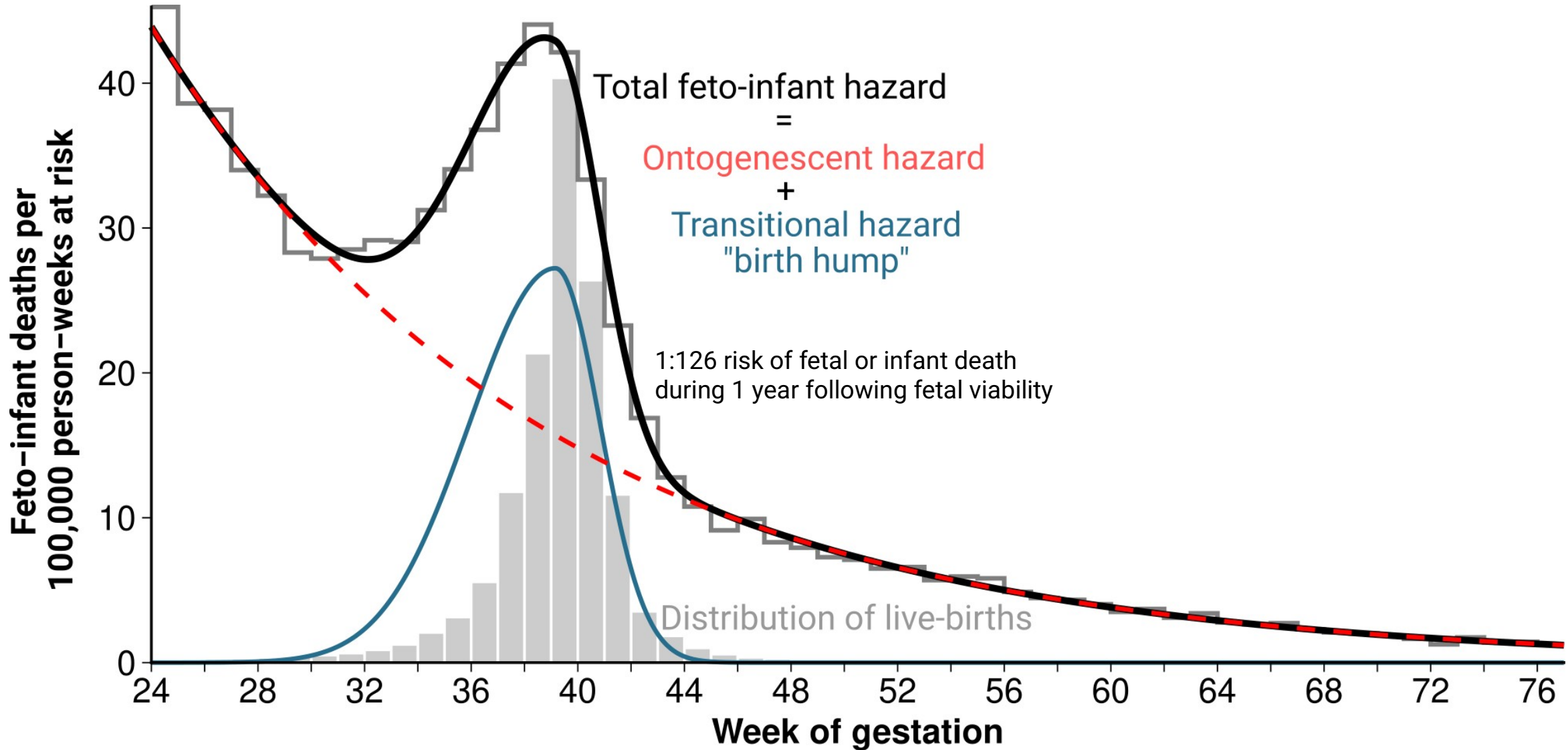


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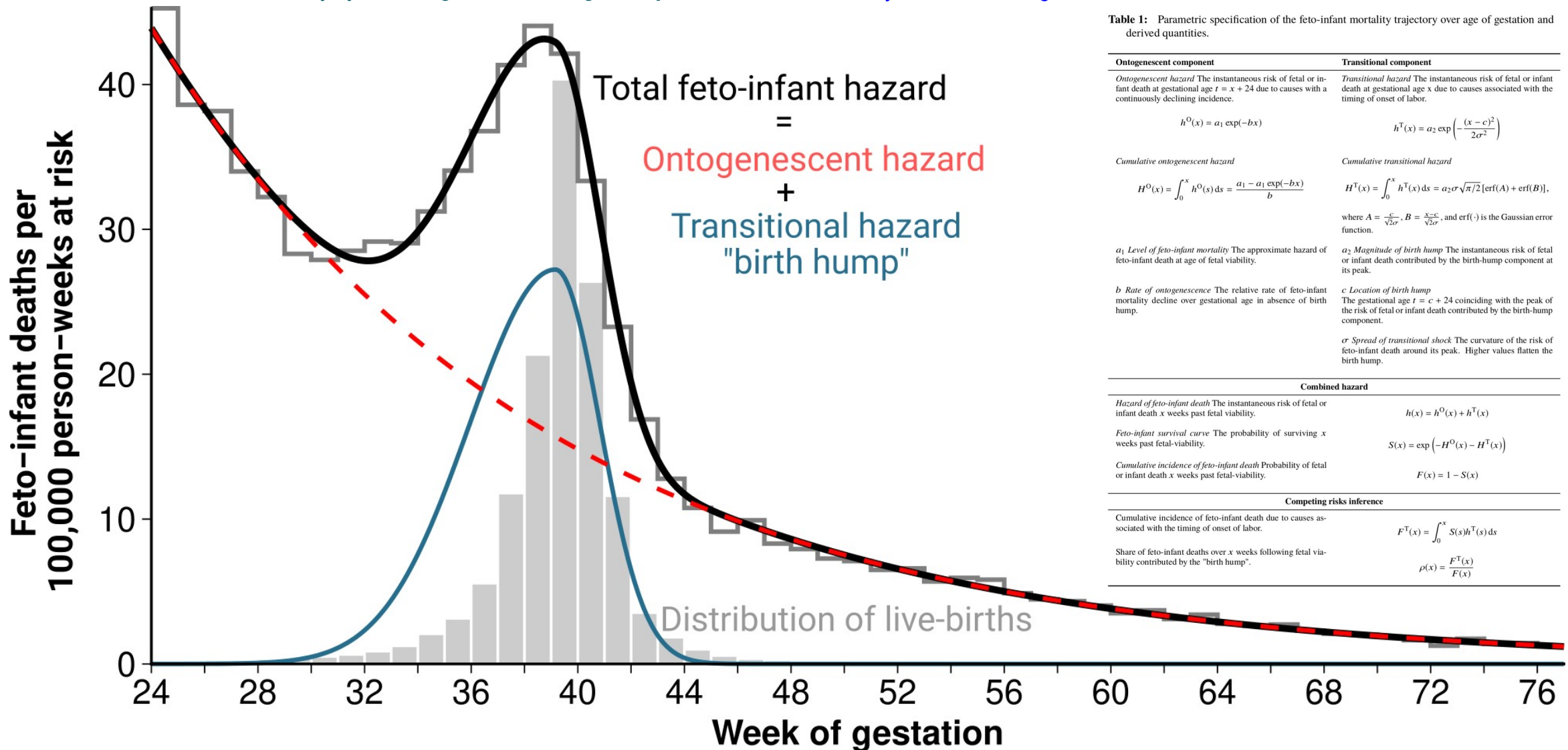
The transitional shock of birth

Combined feto-infant mortality by week of gestation among conception cohort 2014. [The dynamics of ontogenescence](#). Raw data: CDC/NCHS.

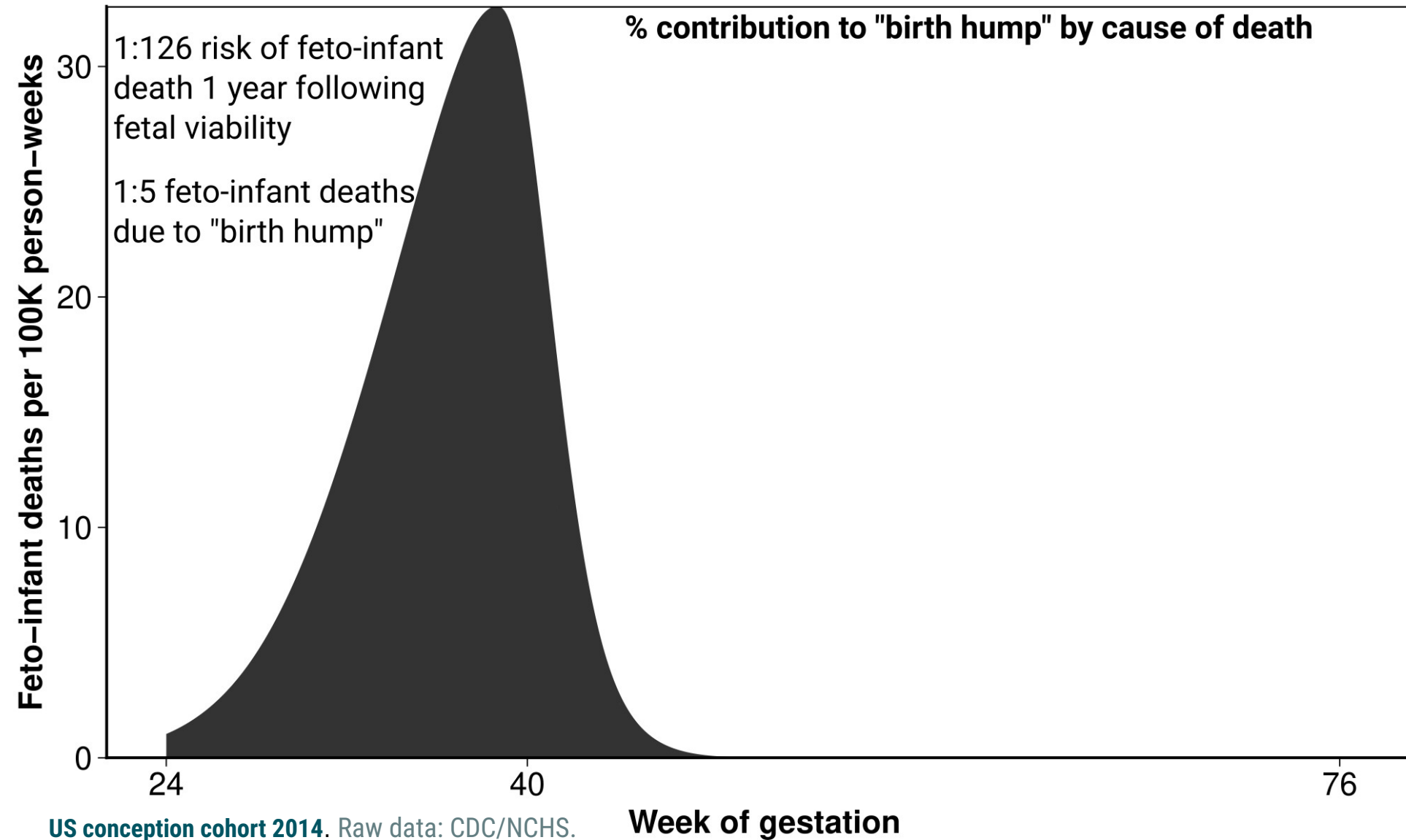


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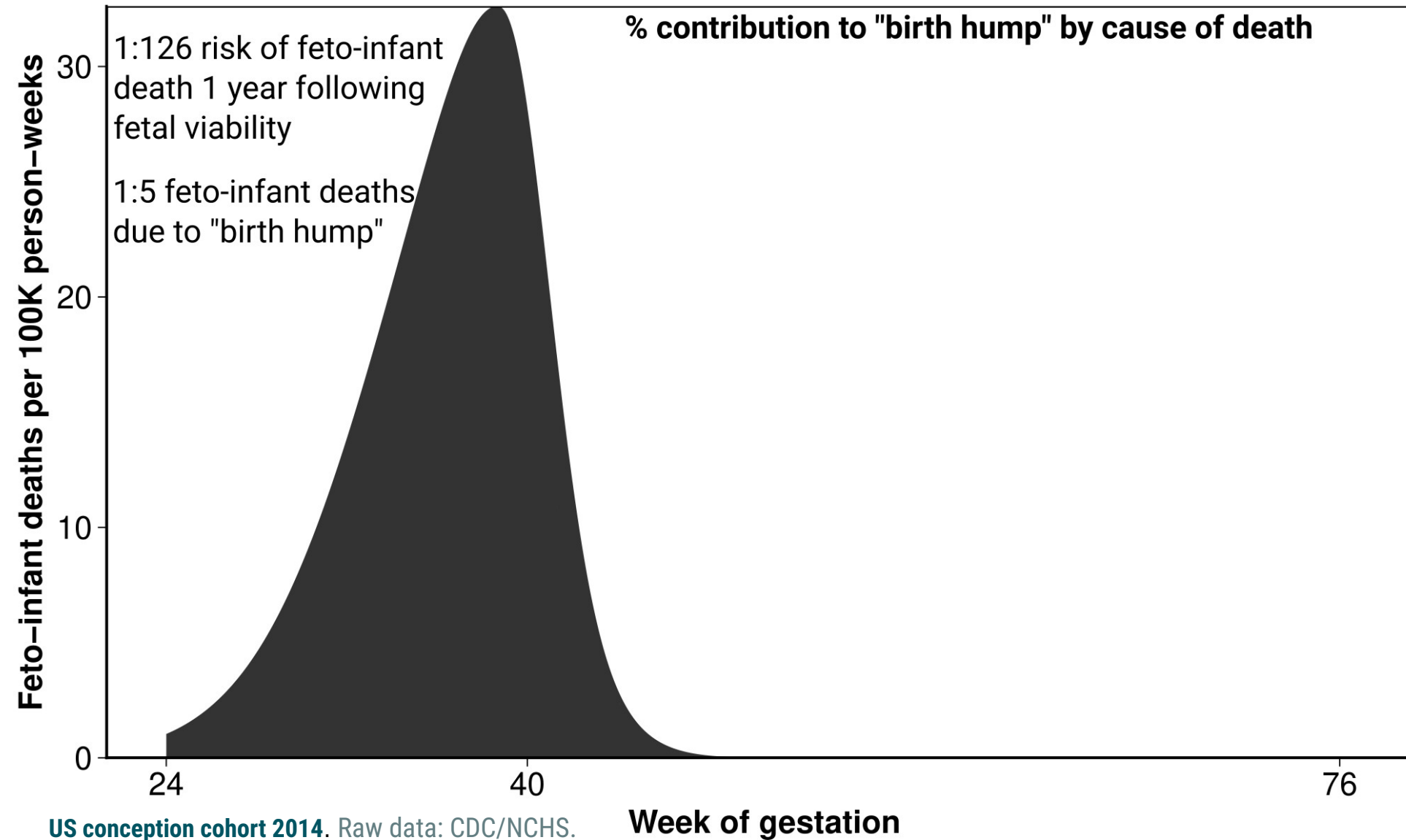
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Deconstructing the “birth hump”

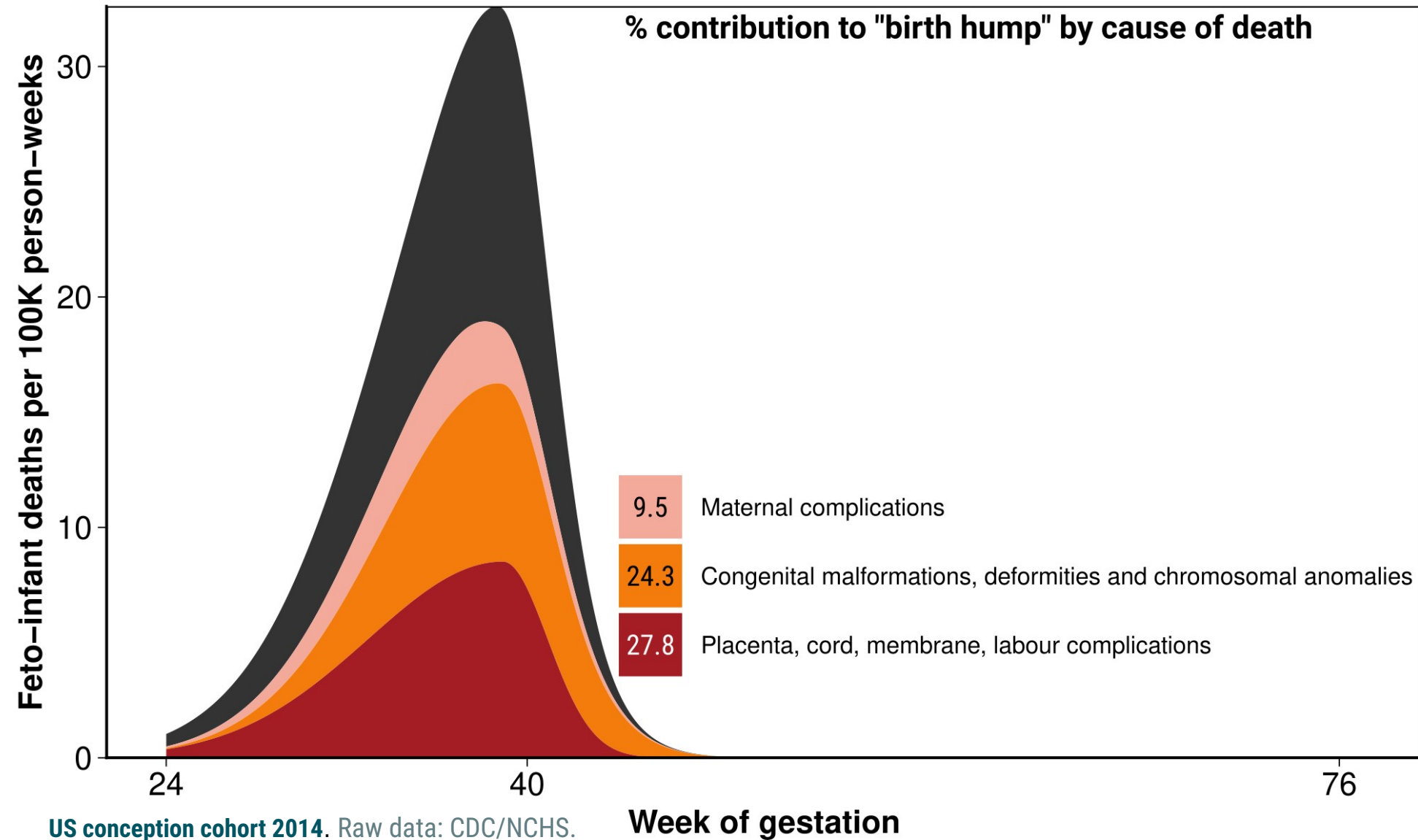


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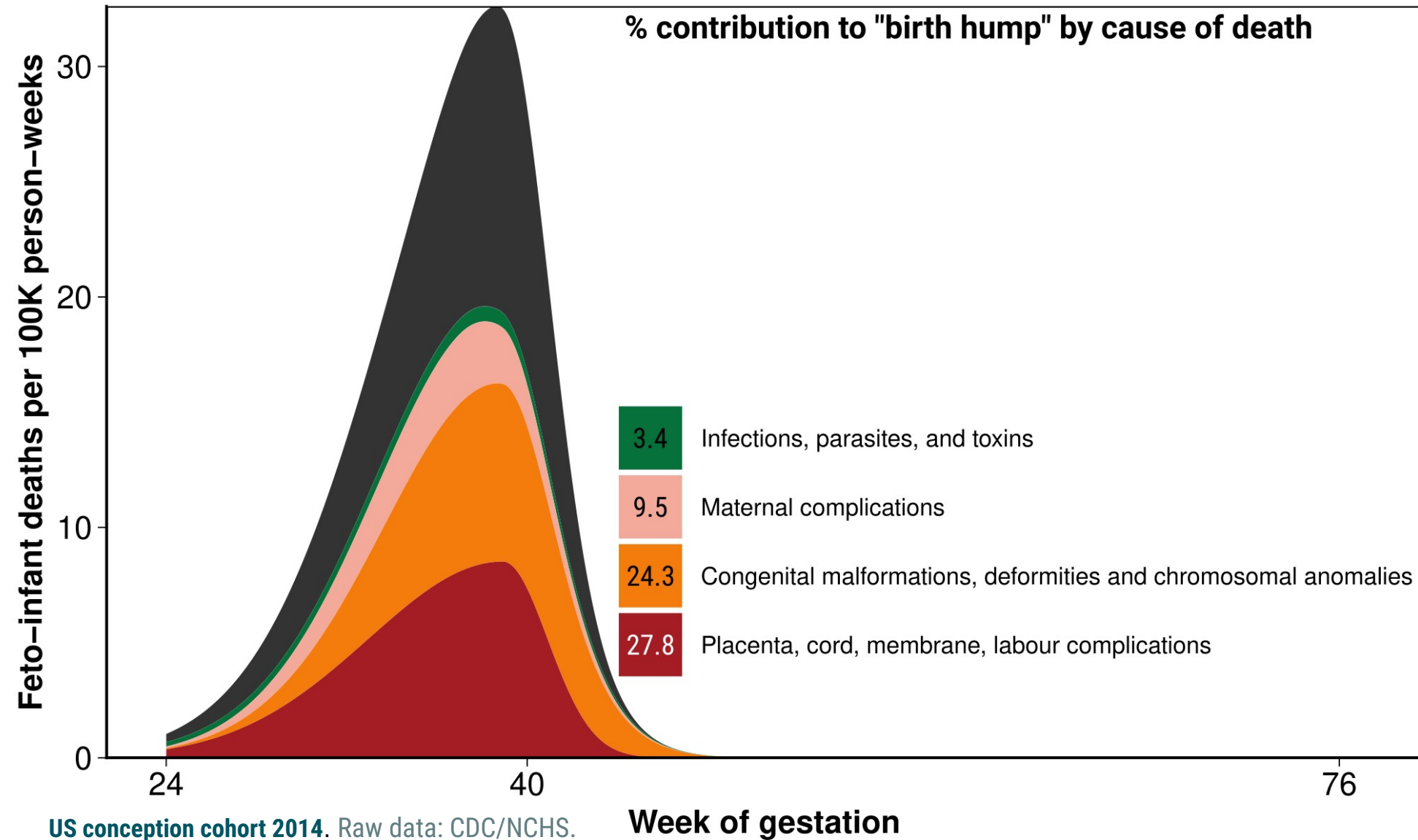
If a child dies in relation to the transition of birth, **what do they die of?**

Deconstructing the “birth hump”



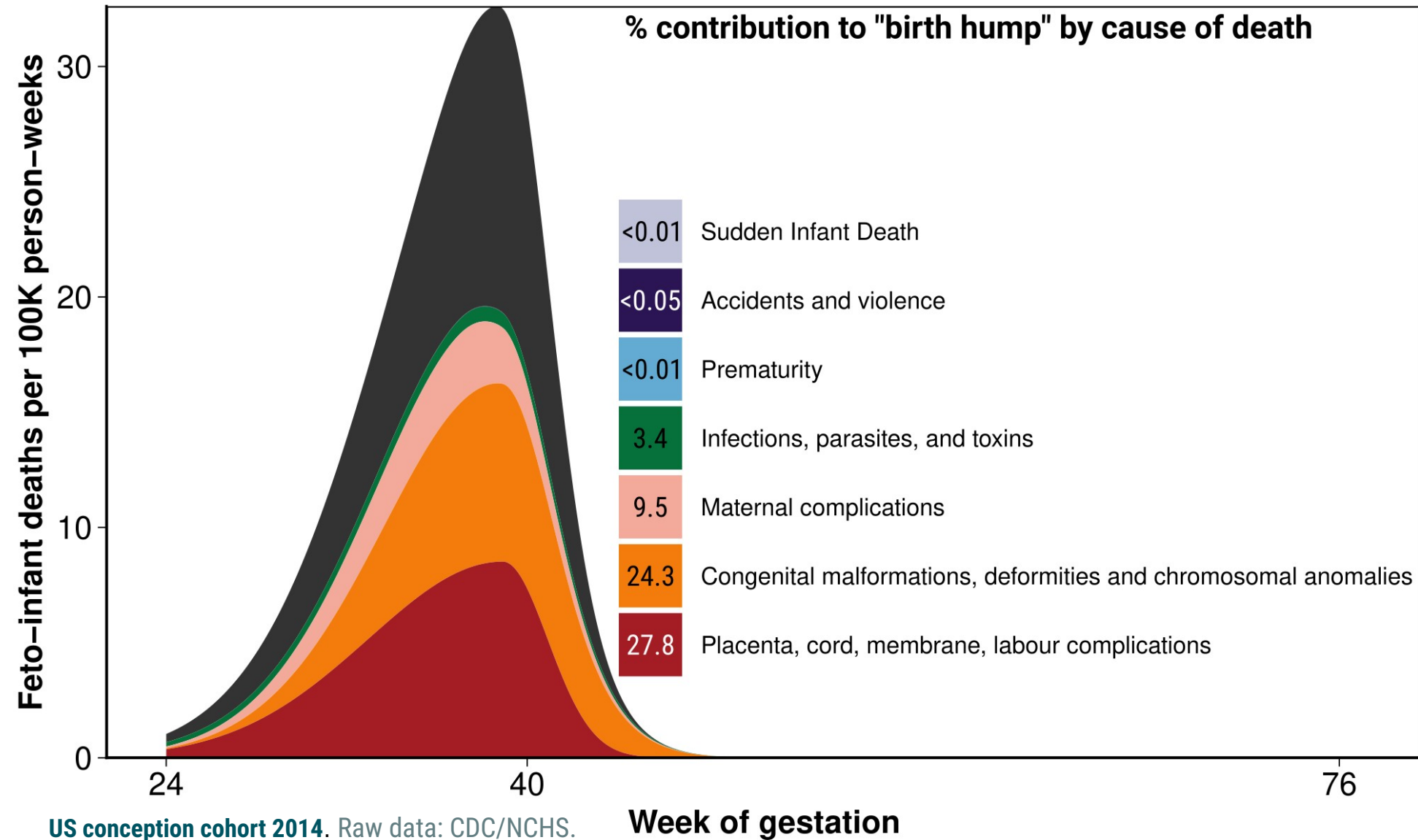
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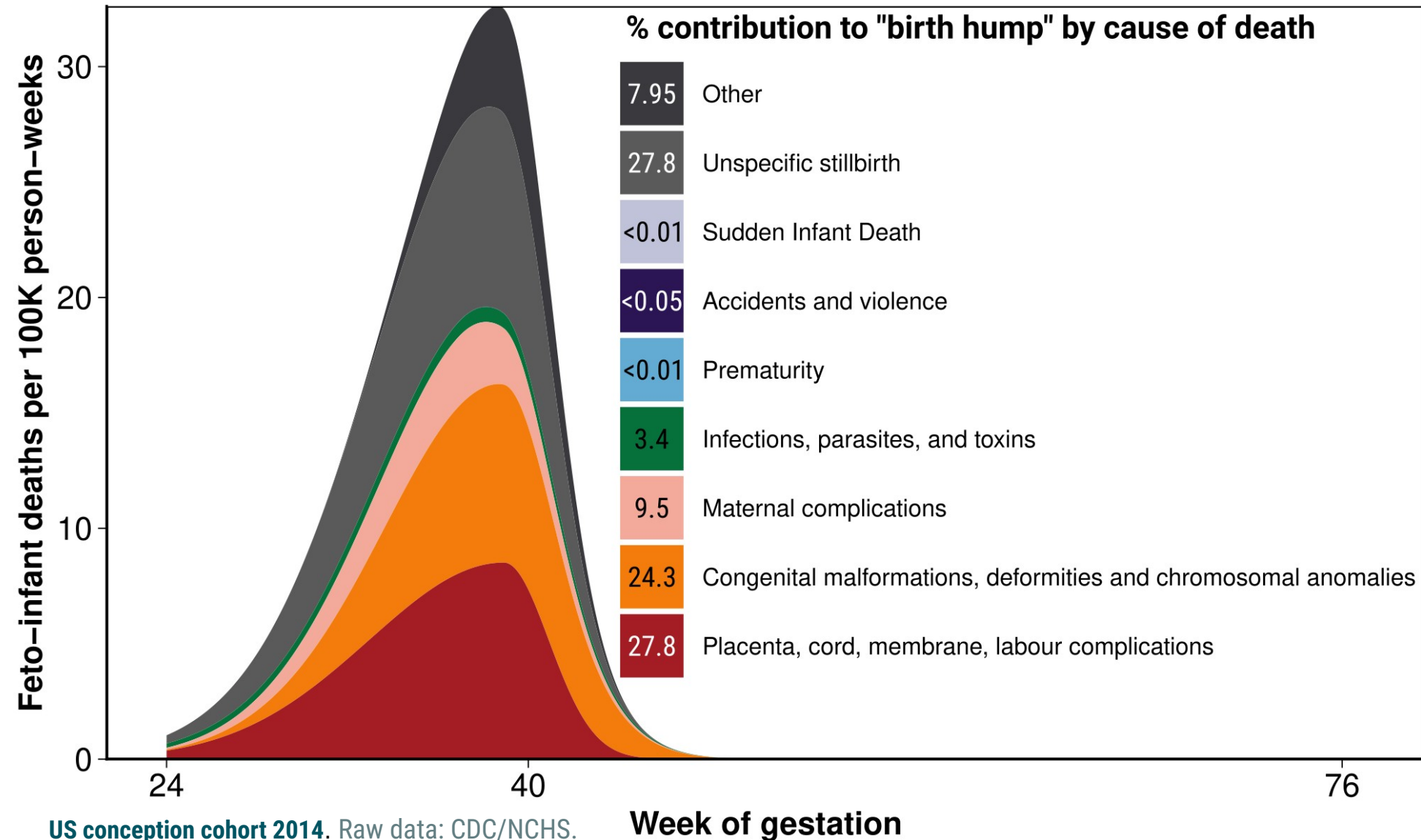
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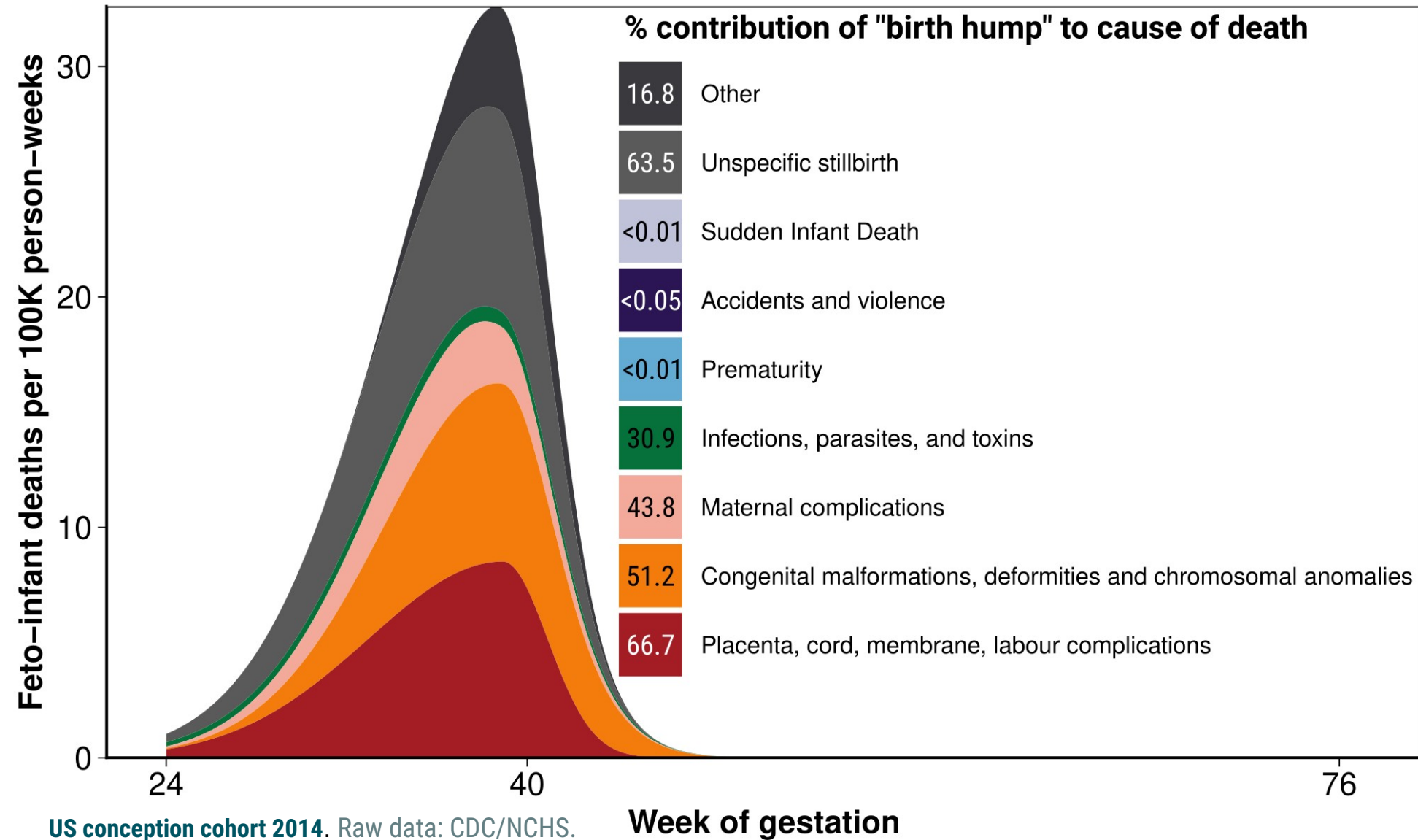
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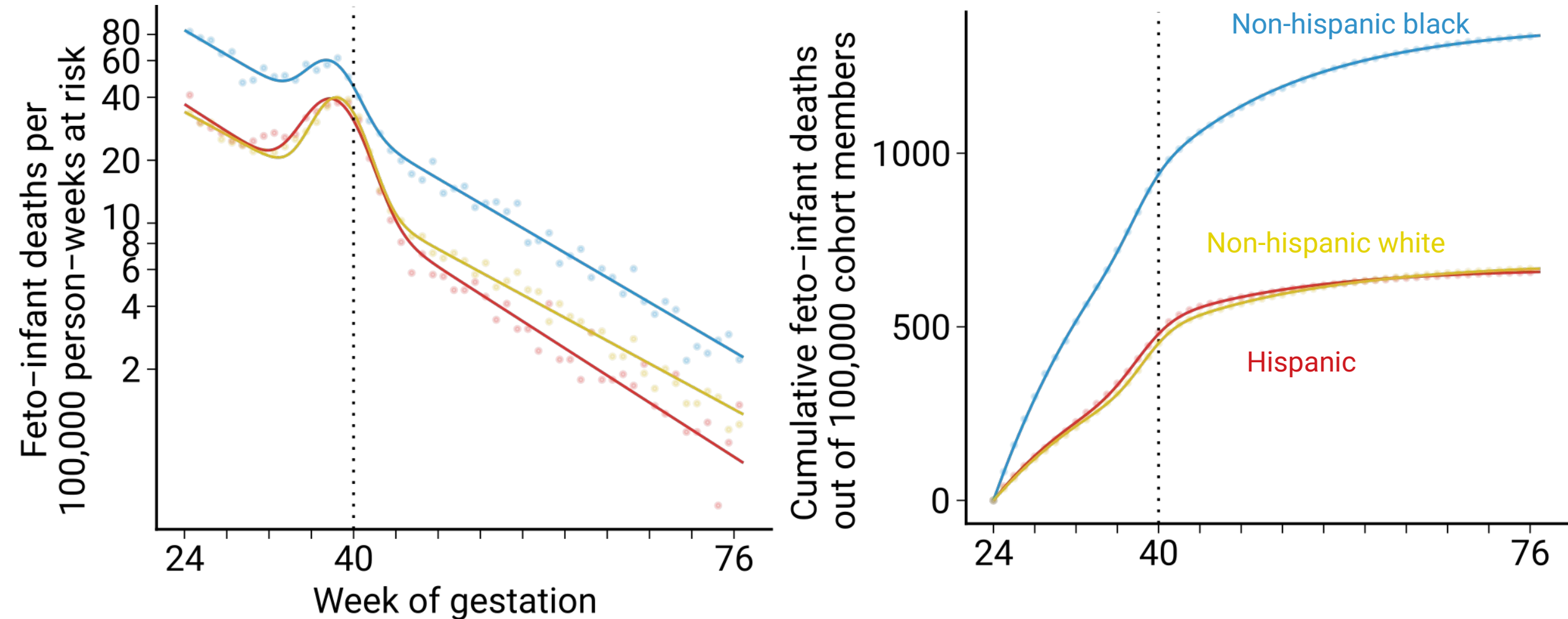
Deconstructing the “birth hump”



Among those dying one year post fetal viability due to a given cause, **what share dies in relation to the birth hump?**

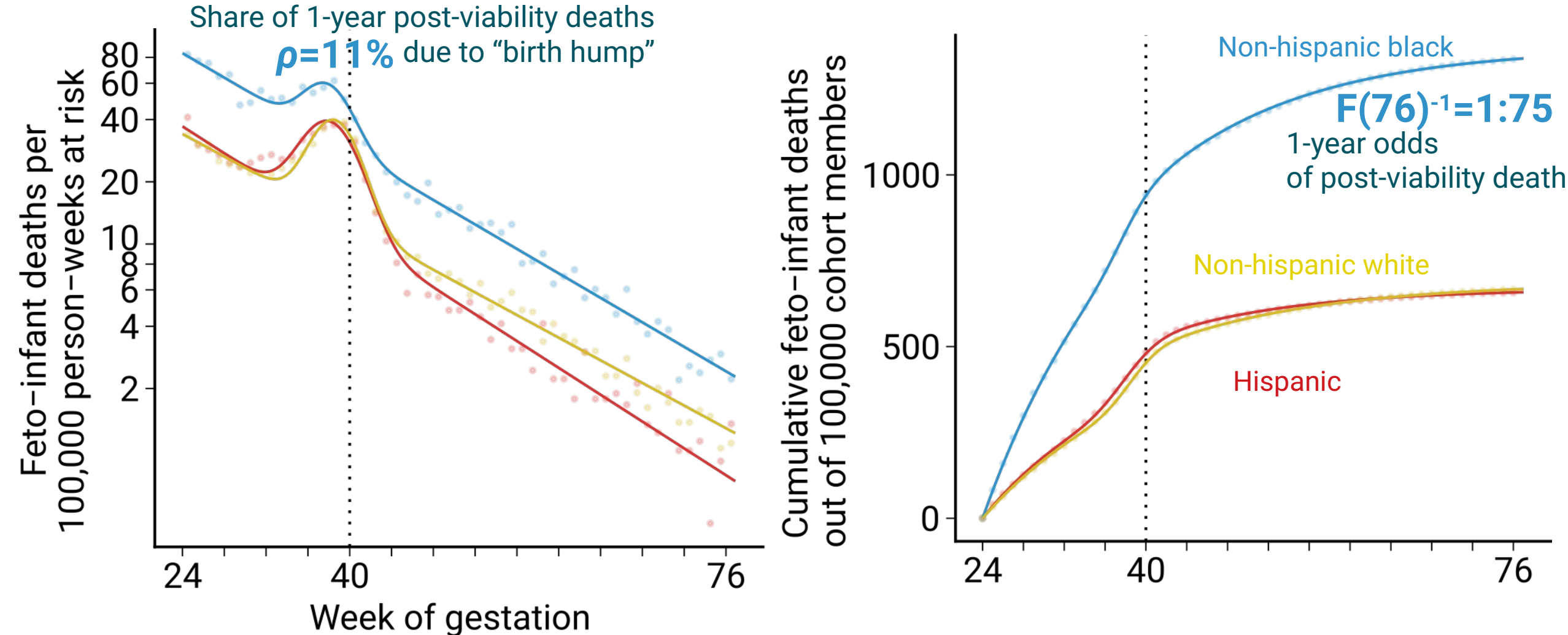
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Combined fetο-infant mortality by maternal origin among conception cohort 2014. *The dynamics of ontogenesis*. Raw data: CDC/NCHS.



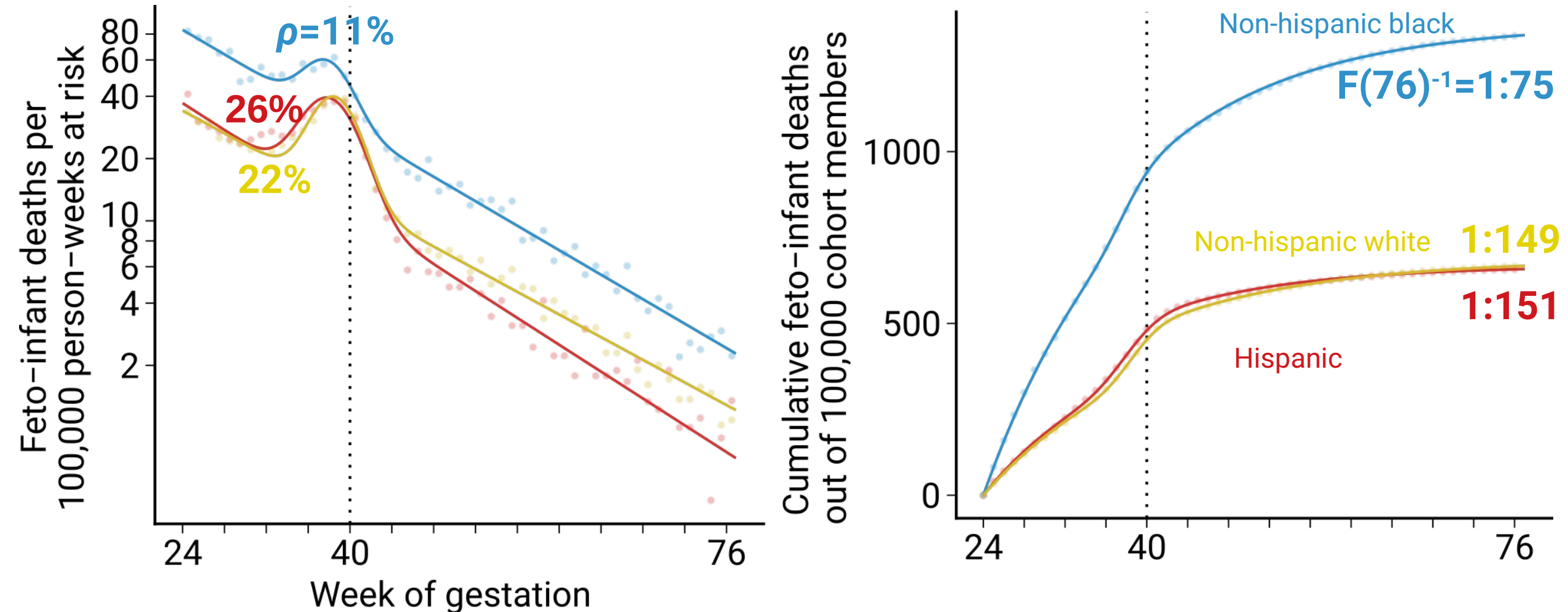
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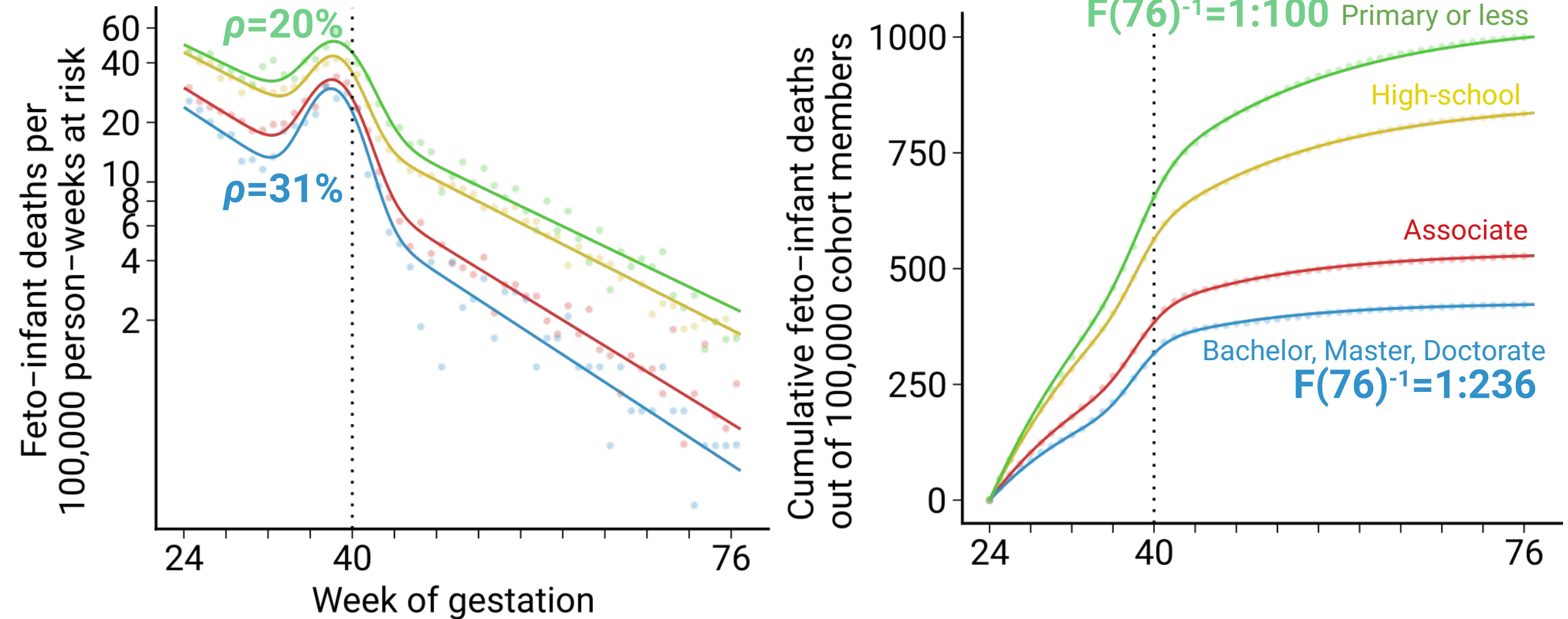
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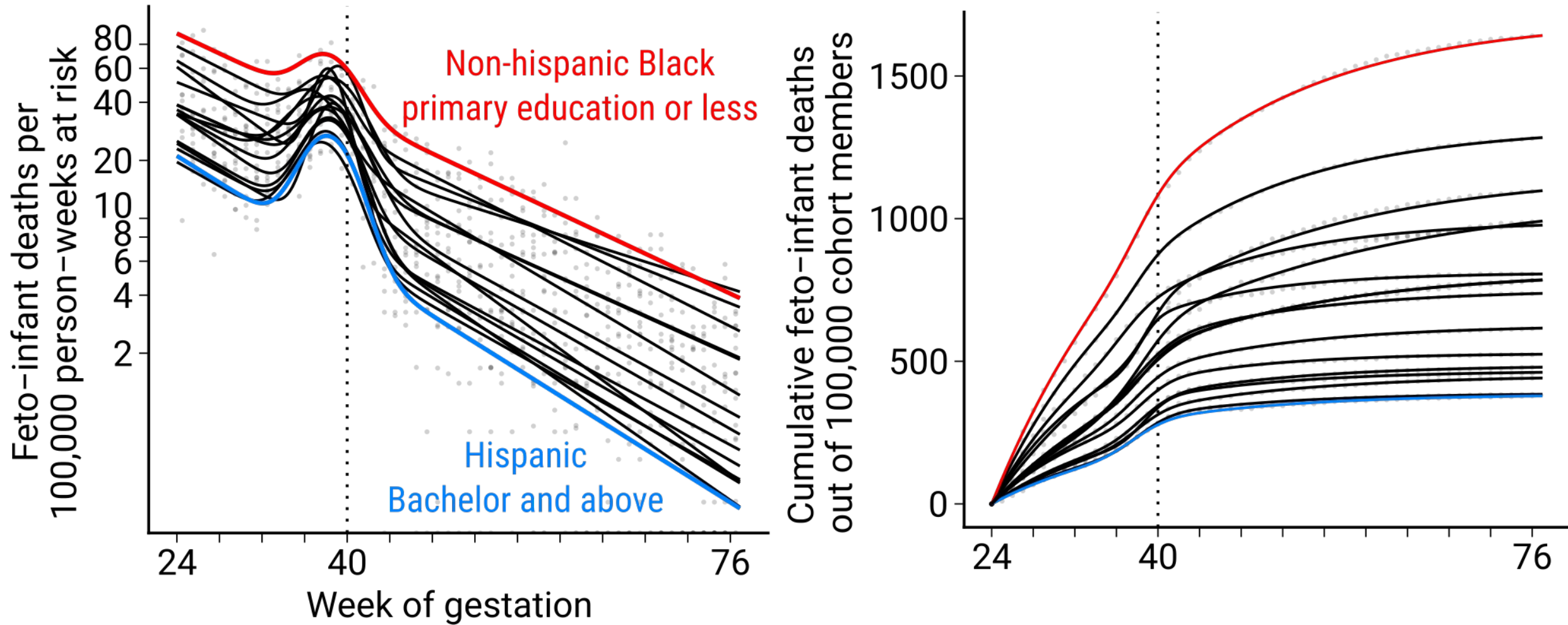
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Combined fetο-infant mortality by maternal education among conception cohort 2014. Raw data: CDC/NCHS.

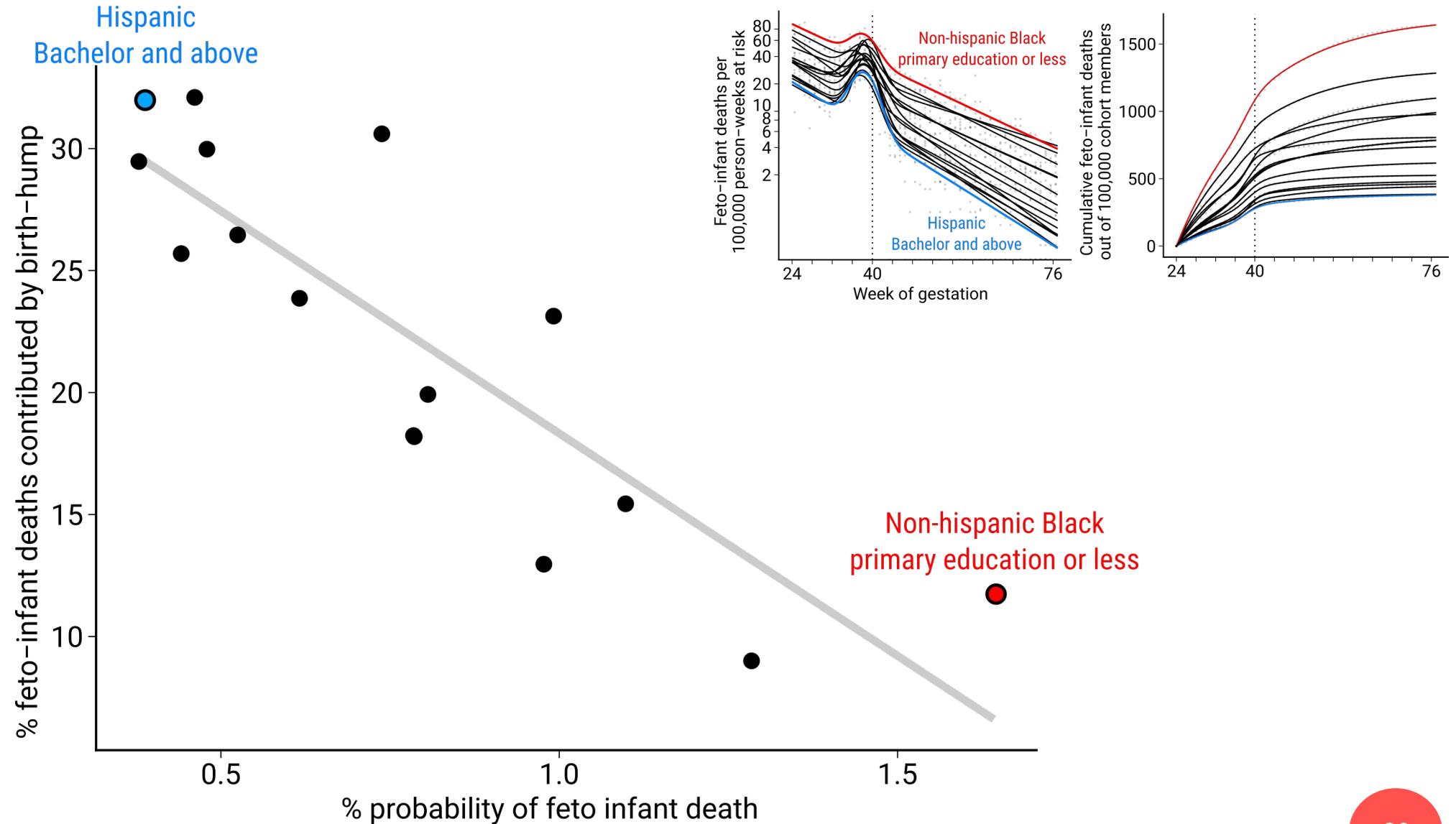


Mortality compression towards birth

Combined fetο-infant mortality by maternal origin and education among conception cohort 2014. Raw data: CDC/NCHS.



Mortality compression towards birth



Reproducible analysis

github.com/jschoeley/bhump

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