

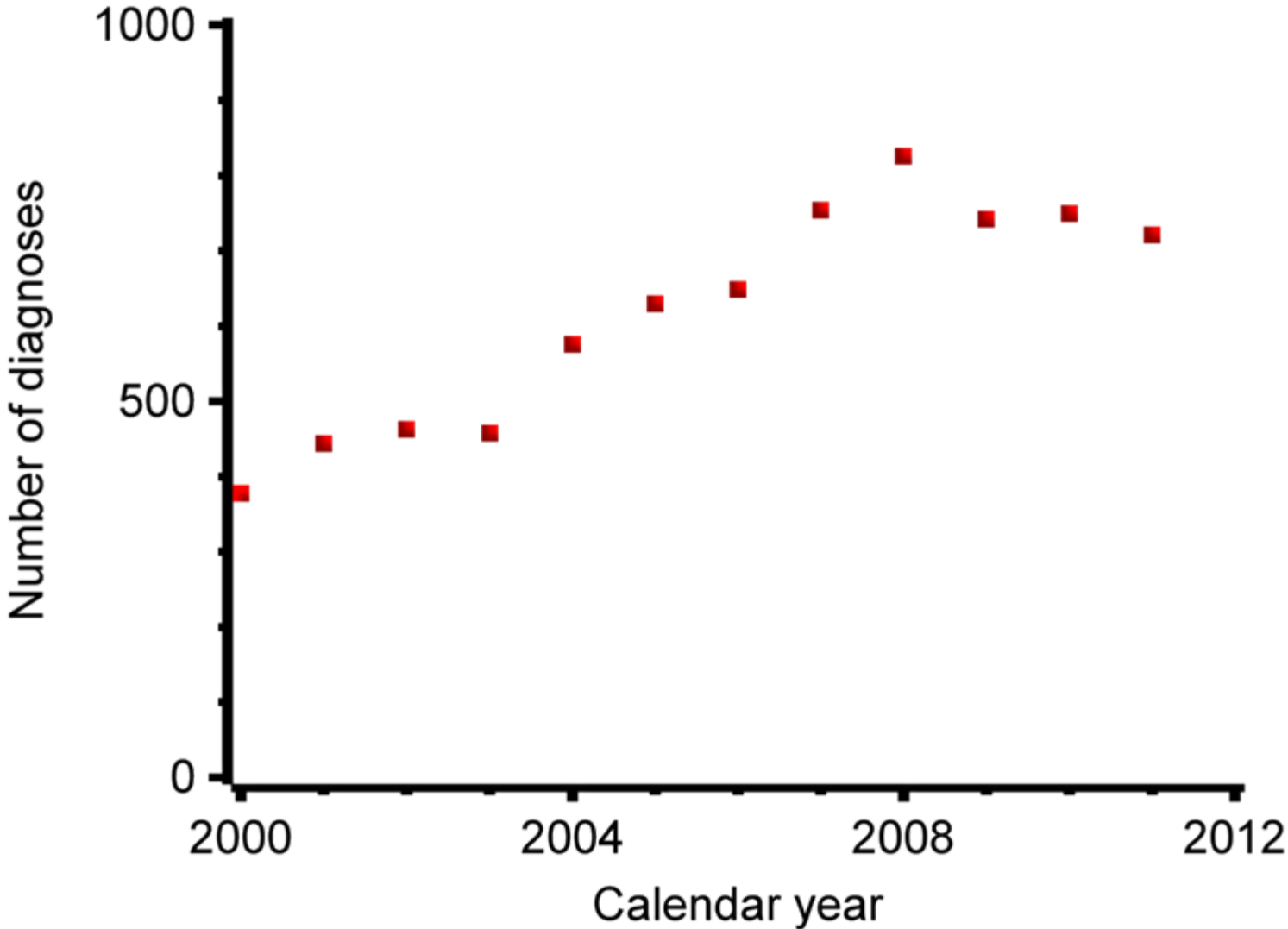
Pre-exposure prophylaxis amongst men who have sex with men in the Netherlands

Ard van Sighem, Rob van den Hengel, Daniela Bezemer, Frank de Wolf

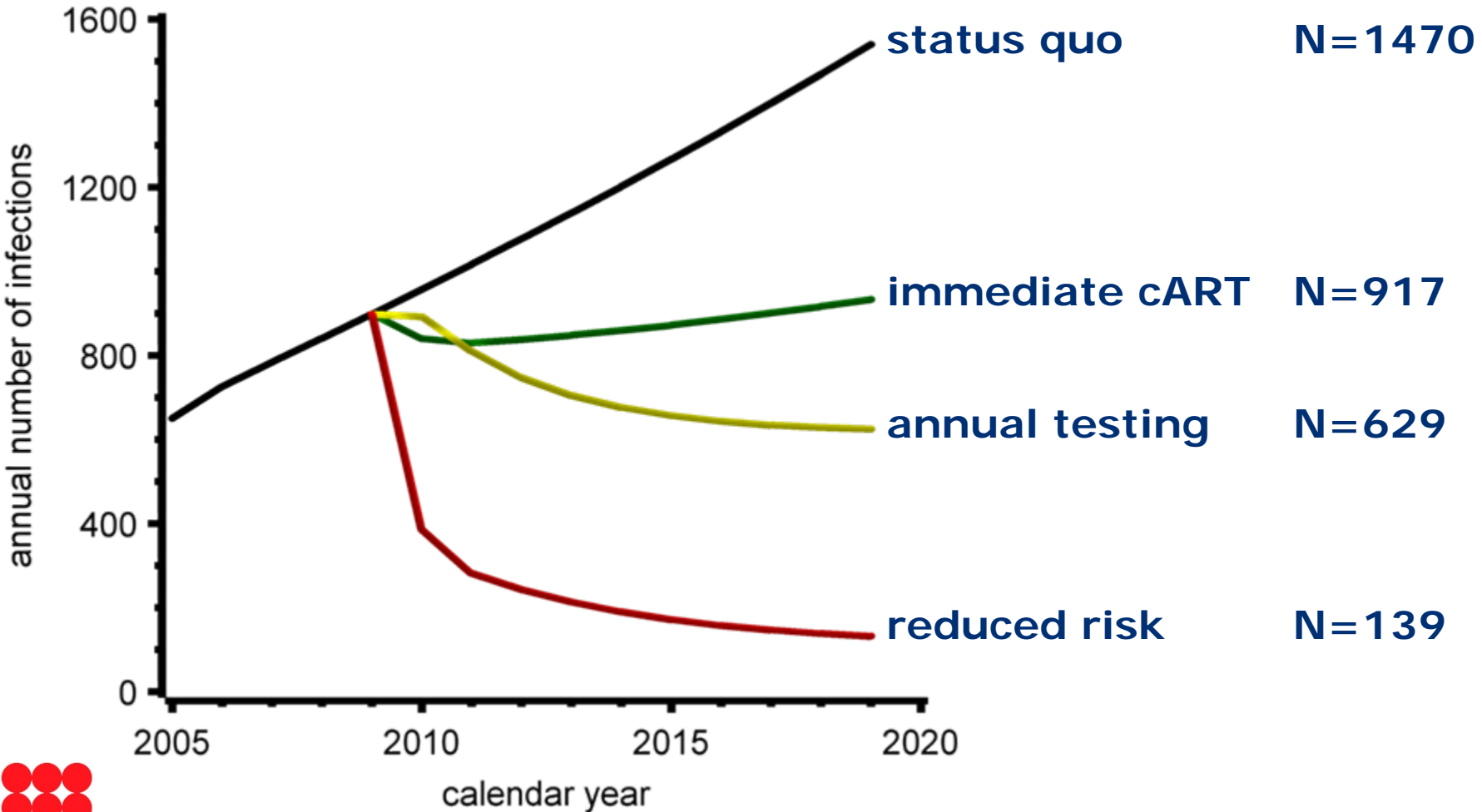
17th International Workshop on HIV Observational Databases
Cavtat, Croatia
11-13 April 2013



HIV diagnoses amongst MSM



Effective interventions

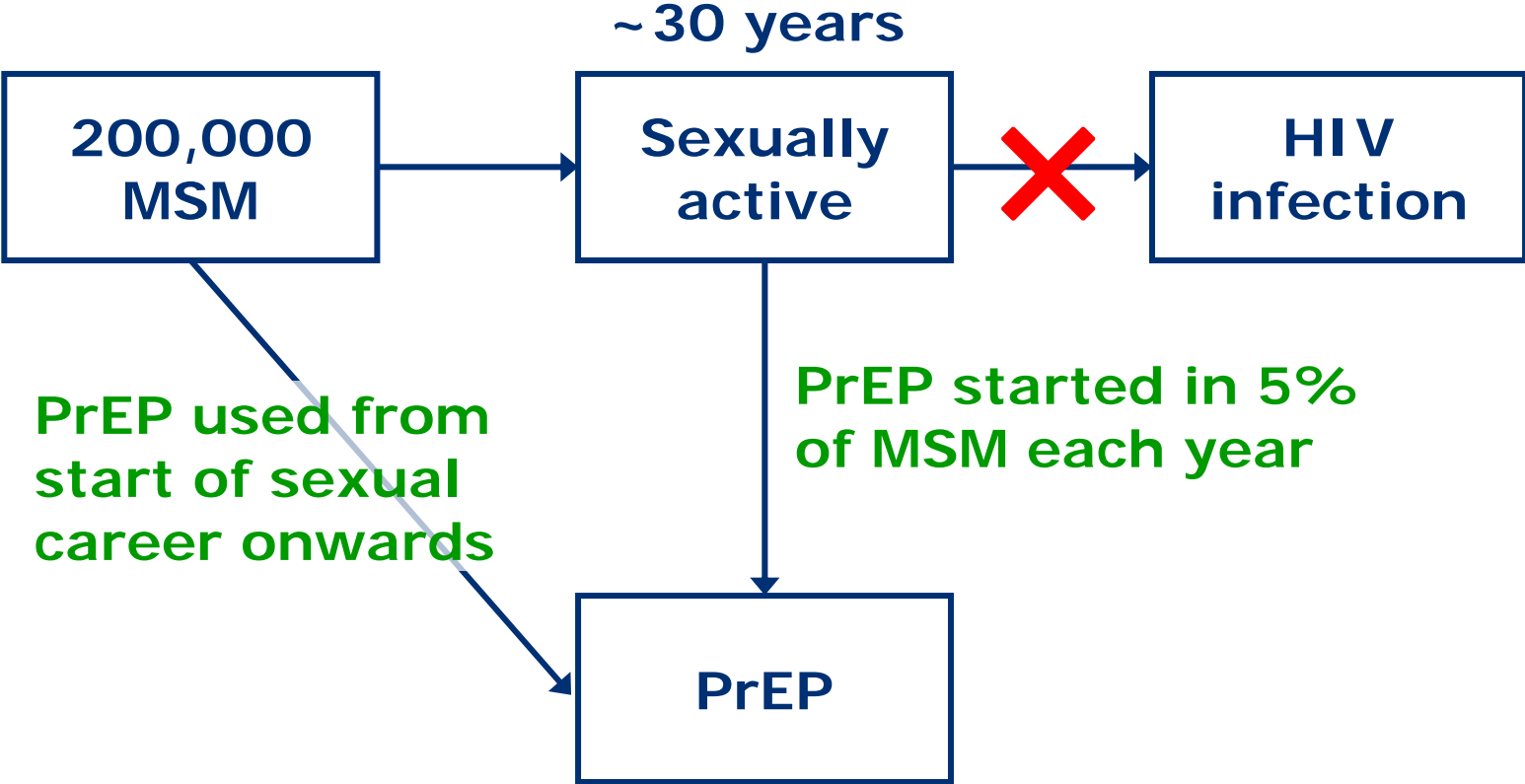


What is the impact of PrEP on the HIV epidemic amongst MSM?

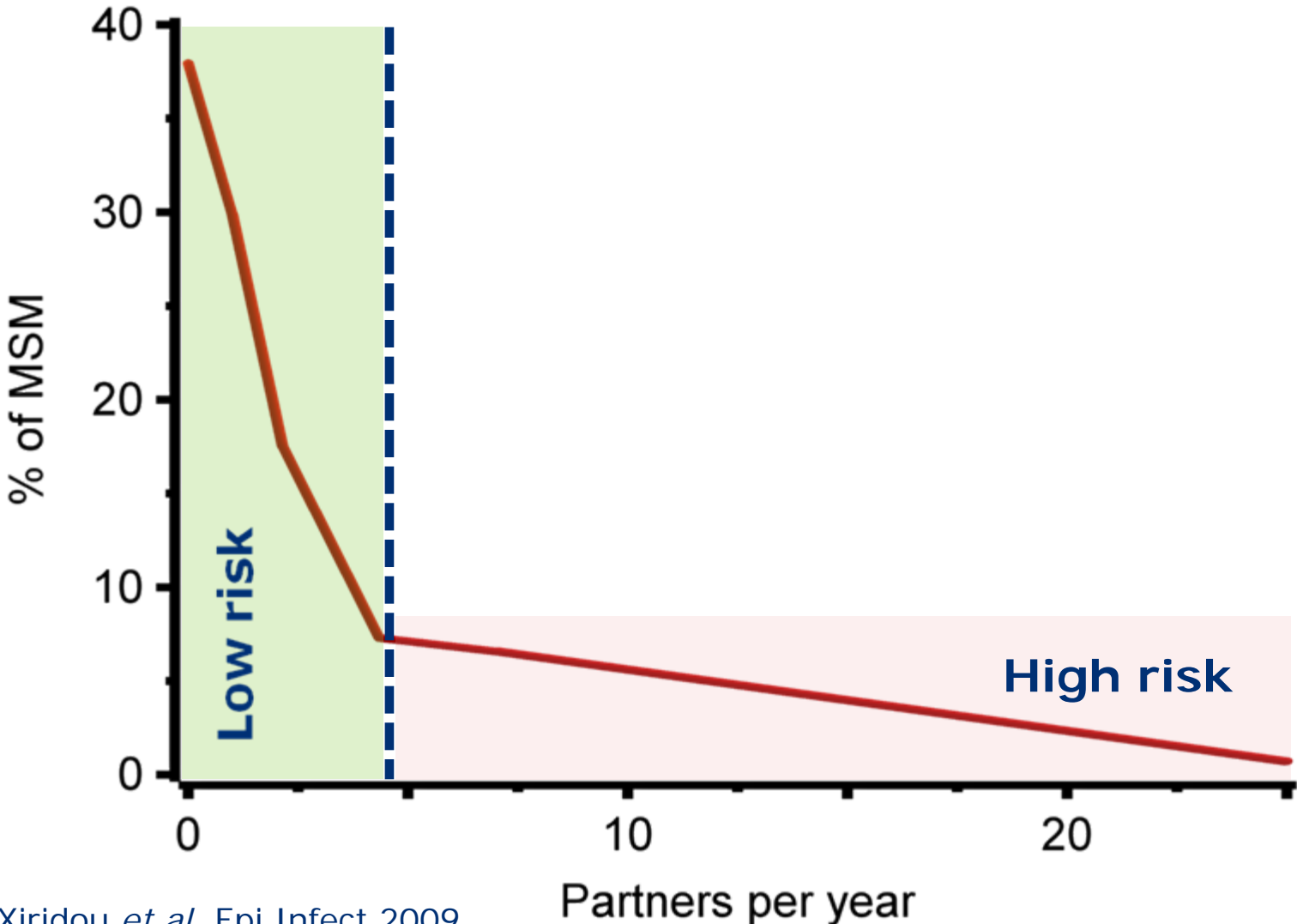
MSM and PrEP



MSM and PrEP



Unprotected sex partners



Sexual mixing

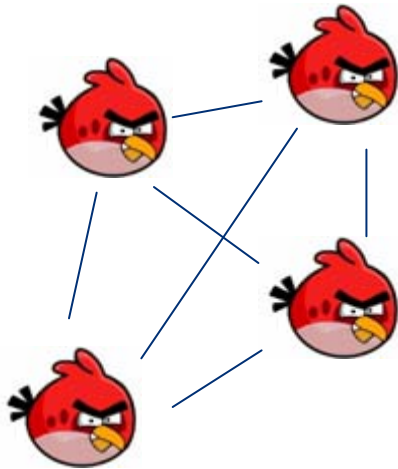


High risk

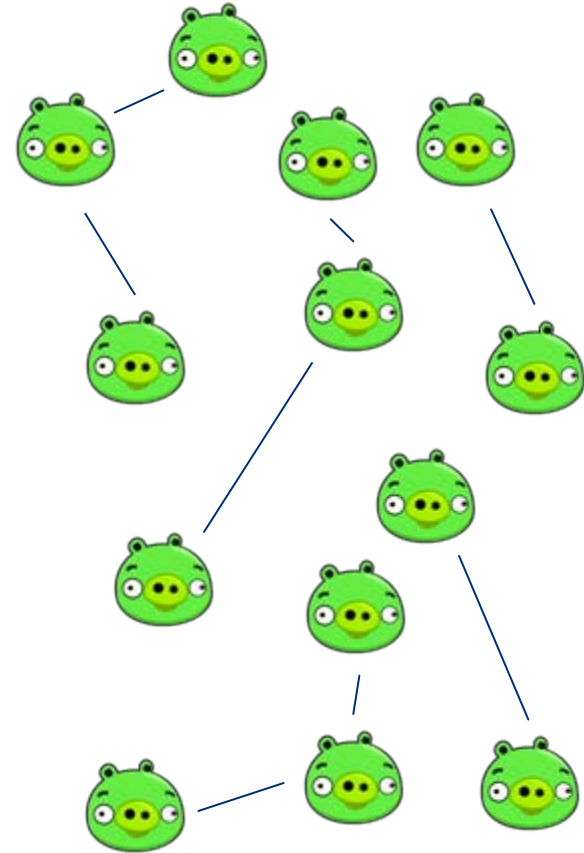


Low risk

Assortative mixing

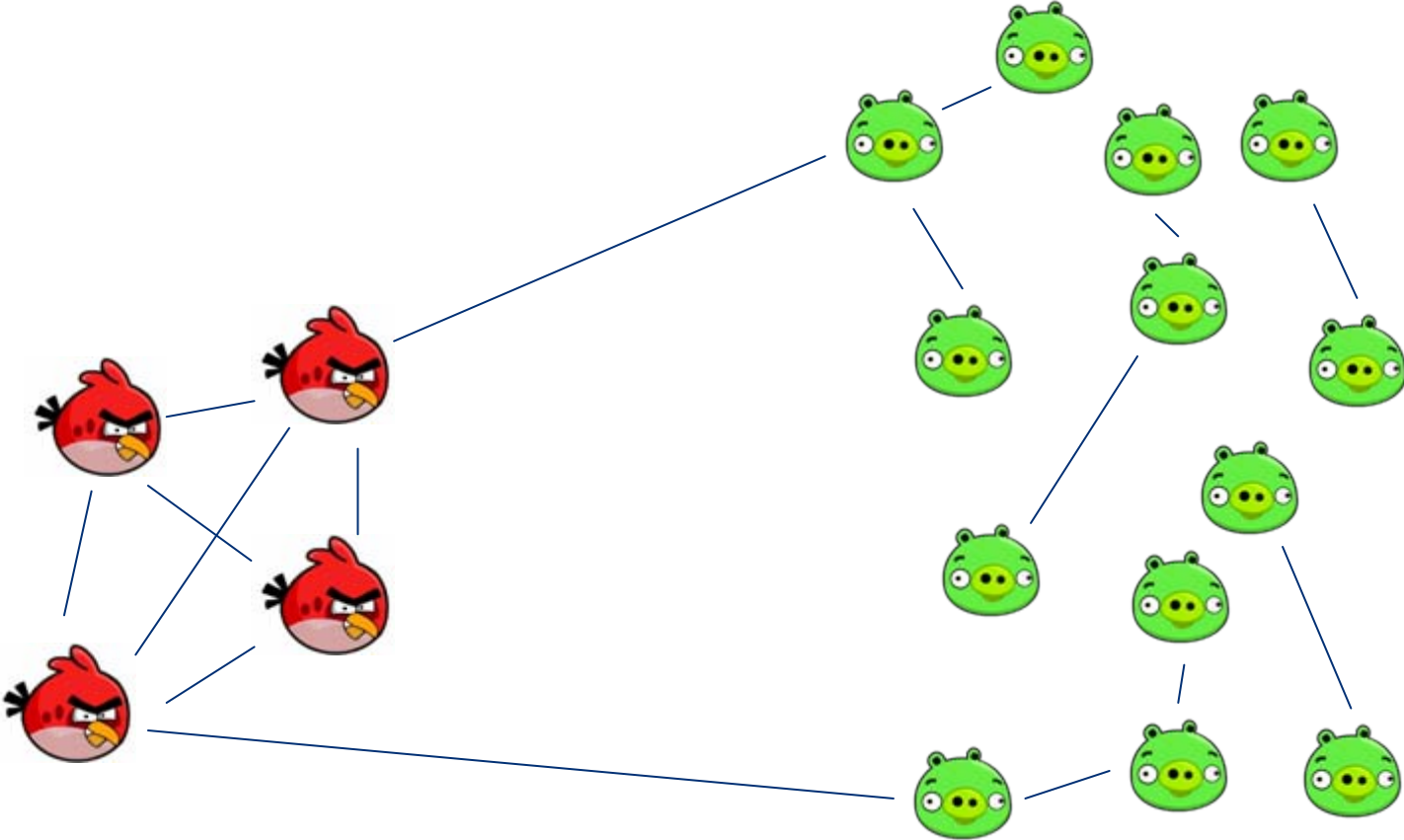


High risk



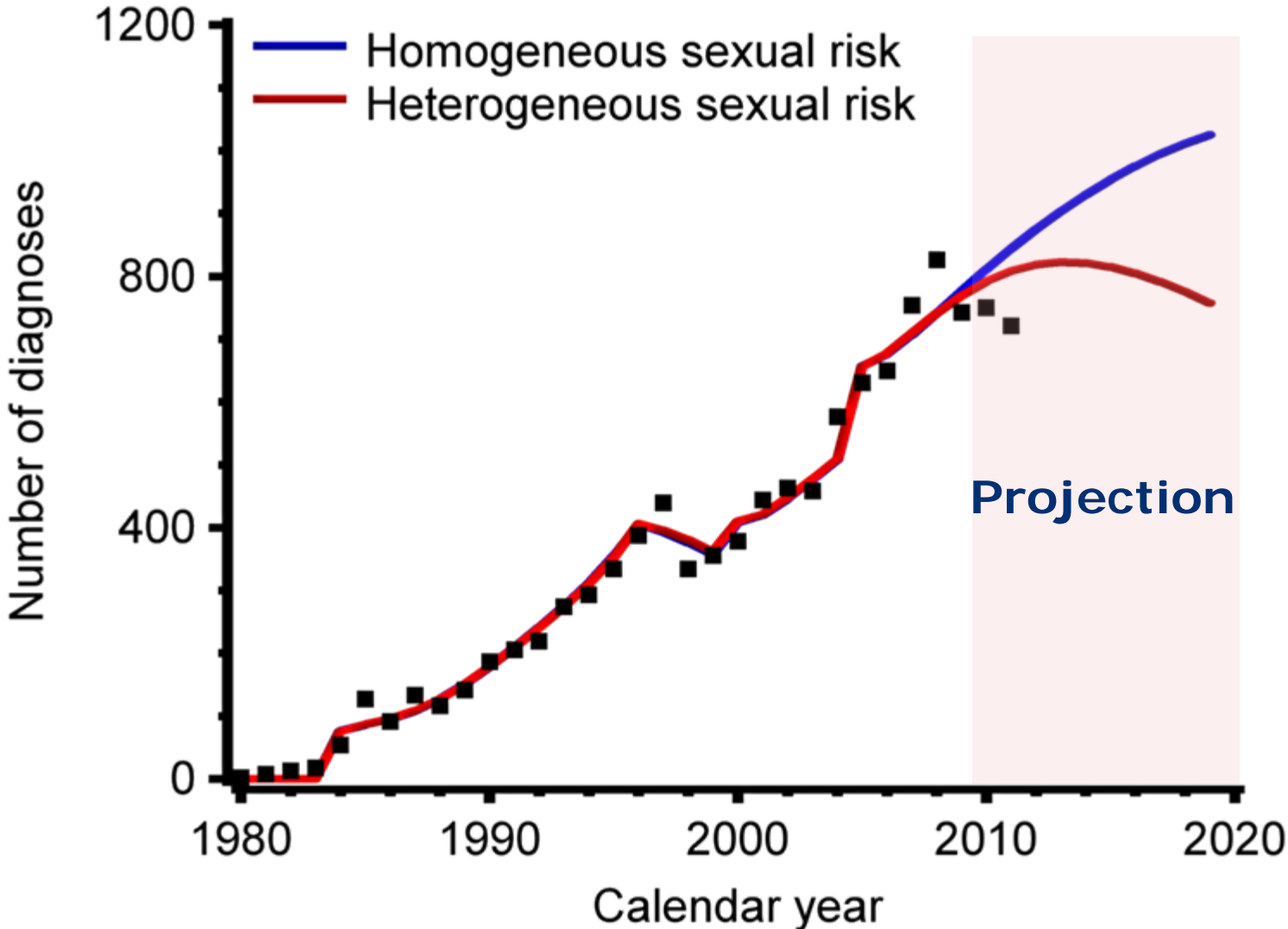
Low risk

Proportionate mixing

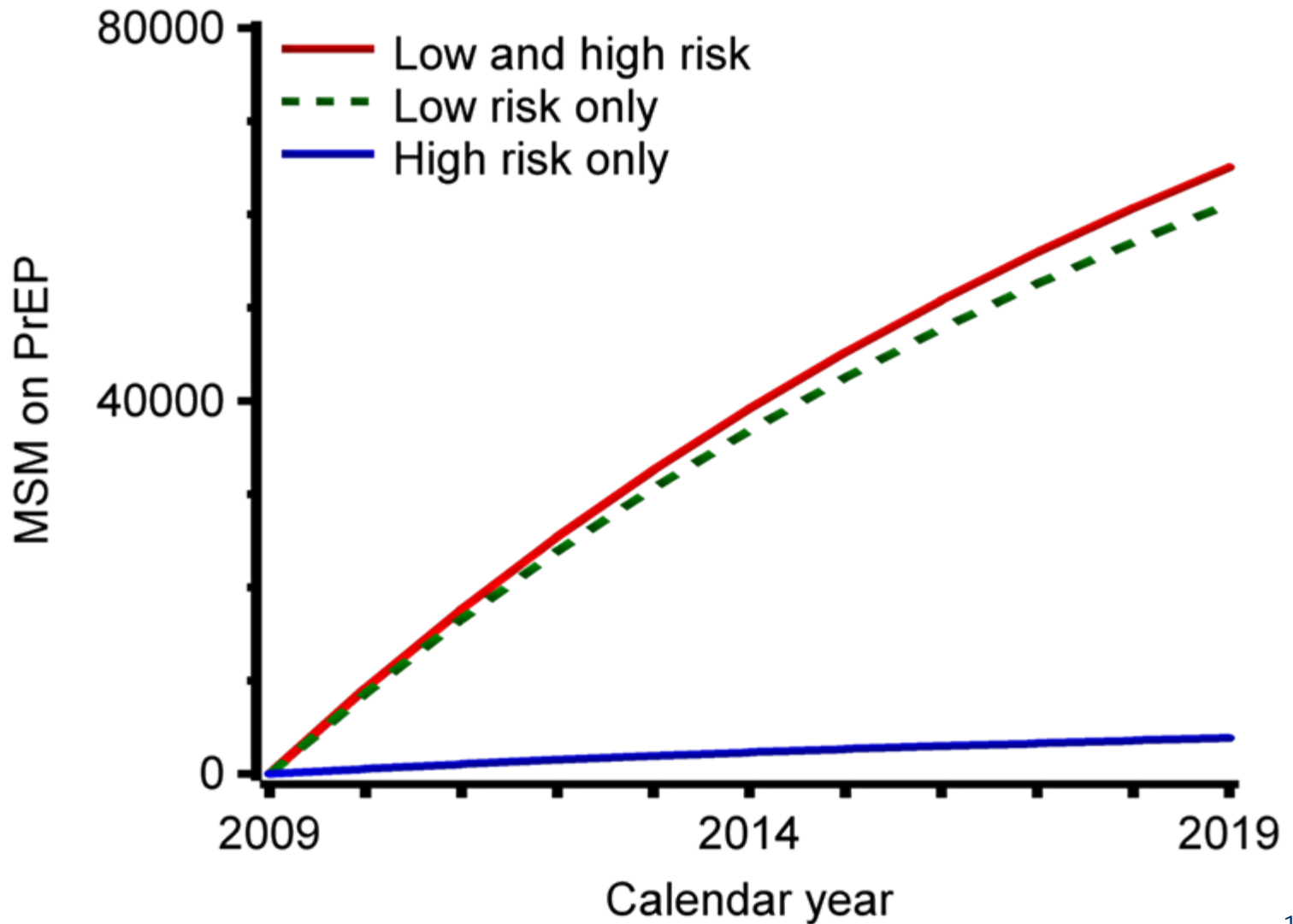


| | | |
|-----|--------------|-----|
| 7% | Size | 93% |
| 38% | Partnerships | 62% |

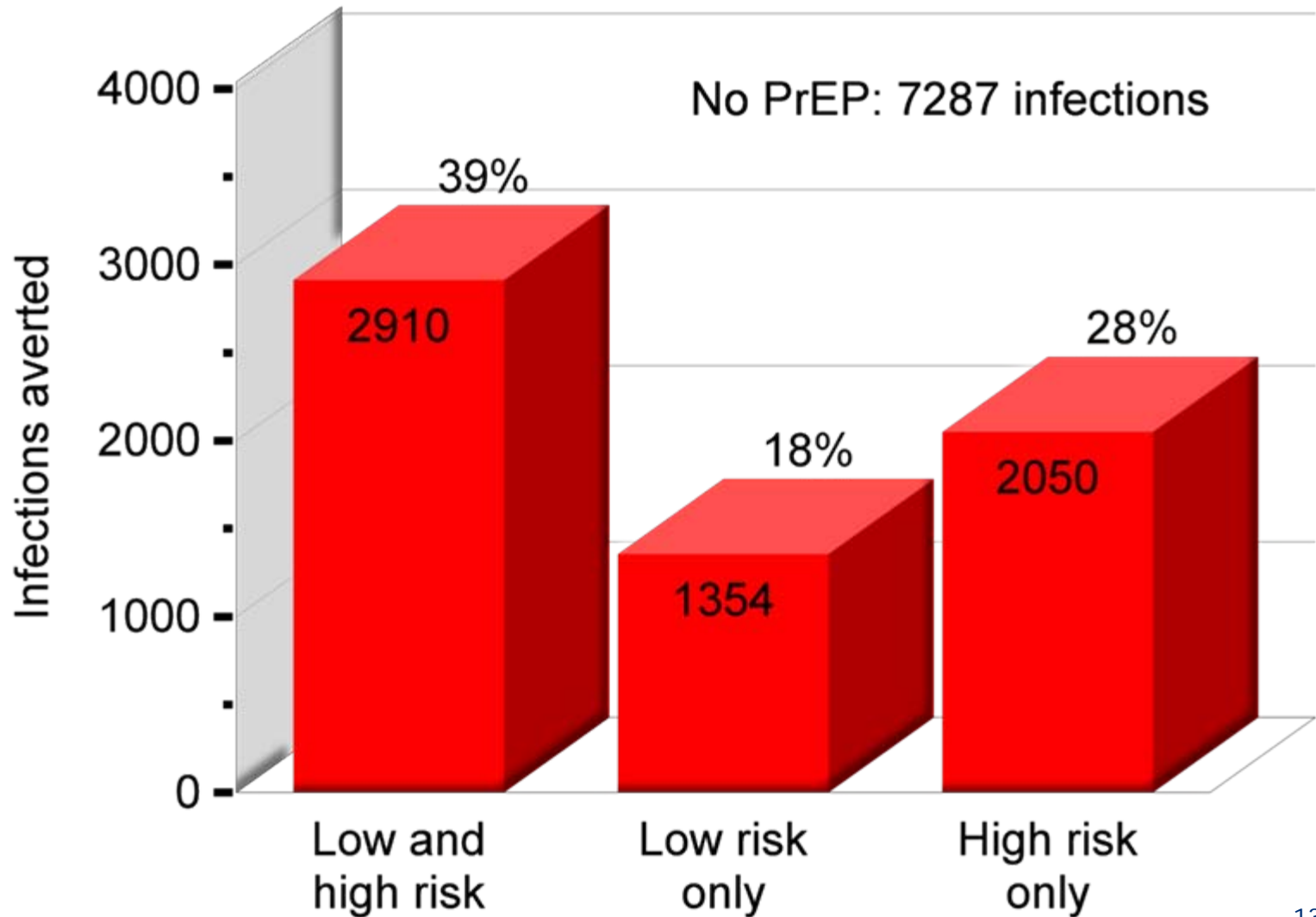
Diagnoses over time



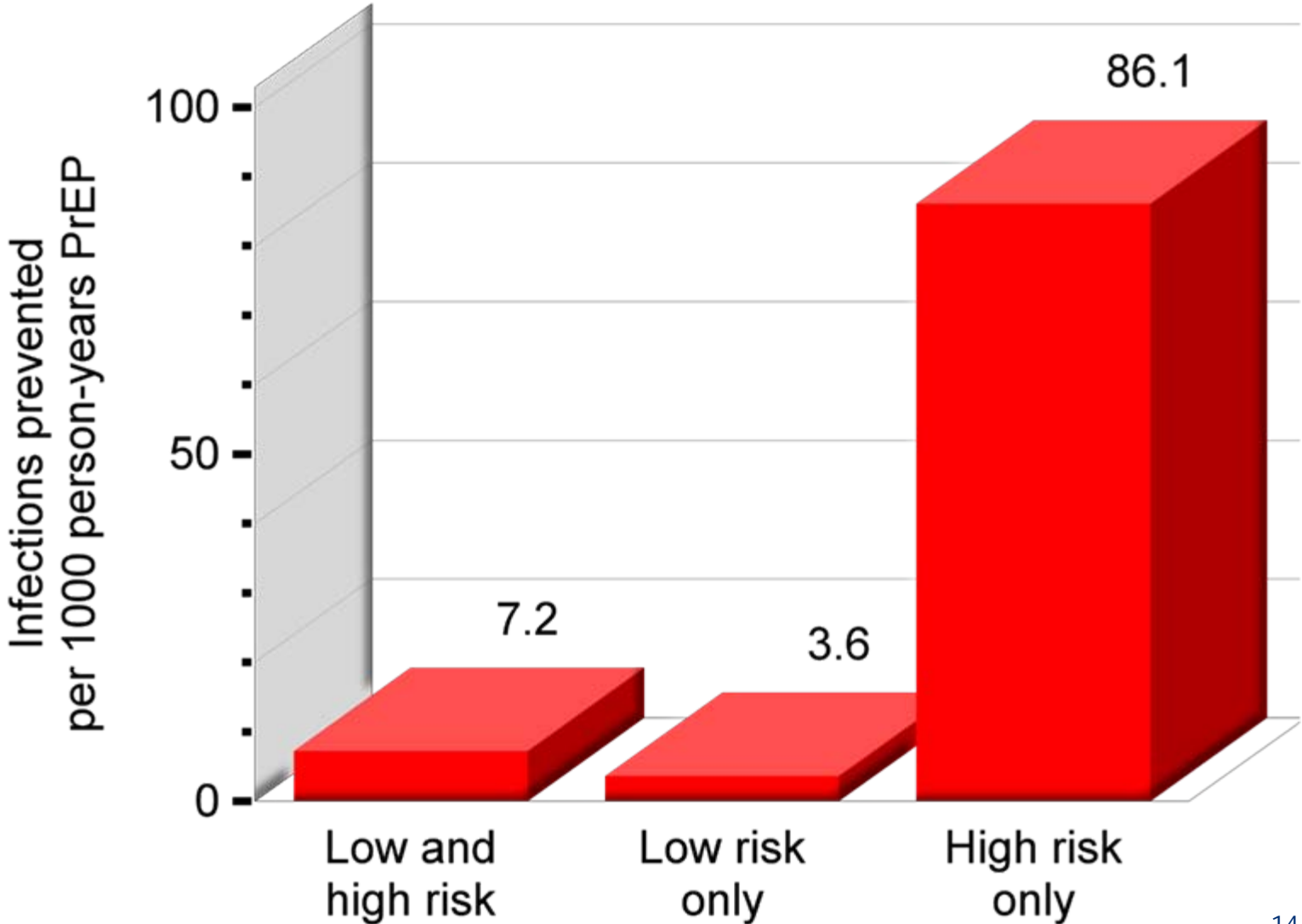
MSM on PrEP



Infections averted 2010-2019



Effectiveness



Conclusion & Discussion

- PrEP may be a useful prevention measure.
- Target men with highest sexual risk behaviour.
- Danger of risk compensation.
- Implementation.
- Use PrEP as part of combination prevention.

Acknowledgements

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