



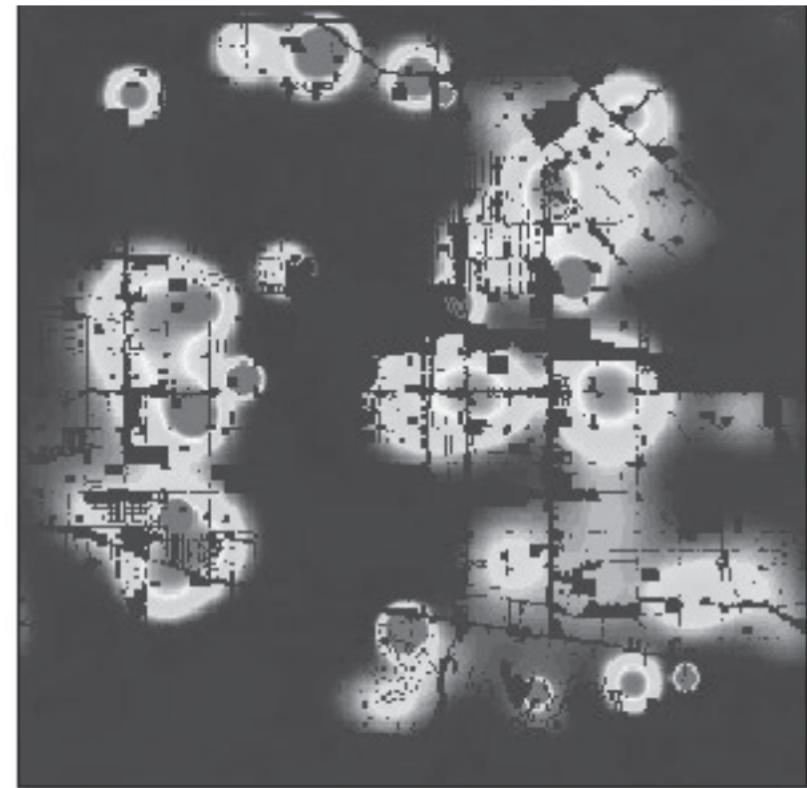
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A Practical Guide to Predictive Policing

policing crime patterns is hard



long-term resource allocation



chase overnight crime



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outline

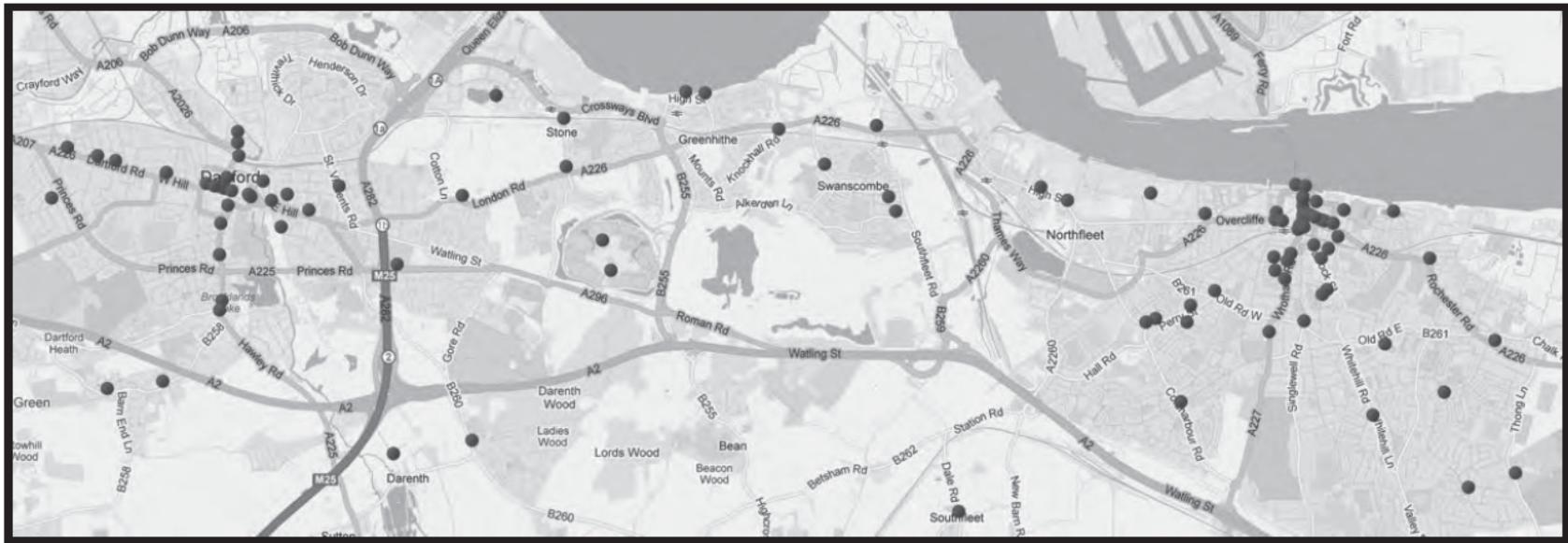
- how PredPol works
- does it work?
- day-to-day operations



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based only on crime records



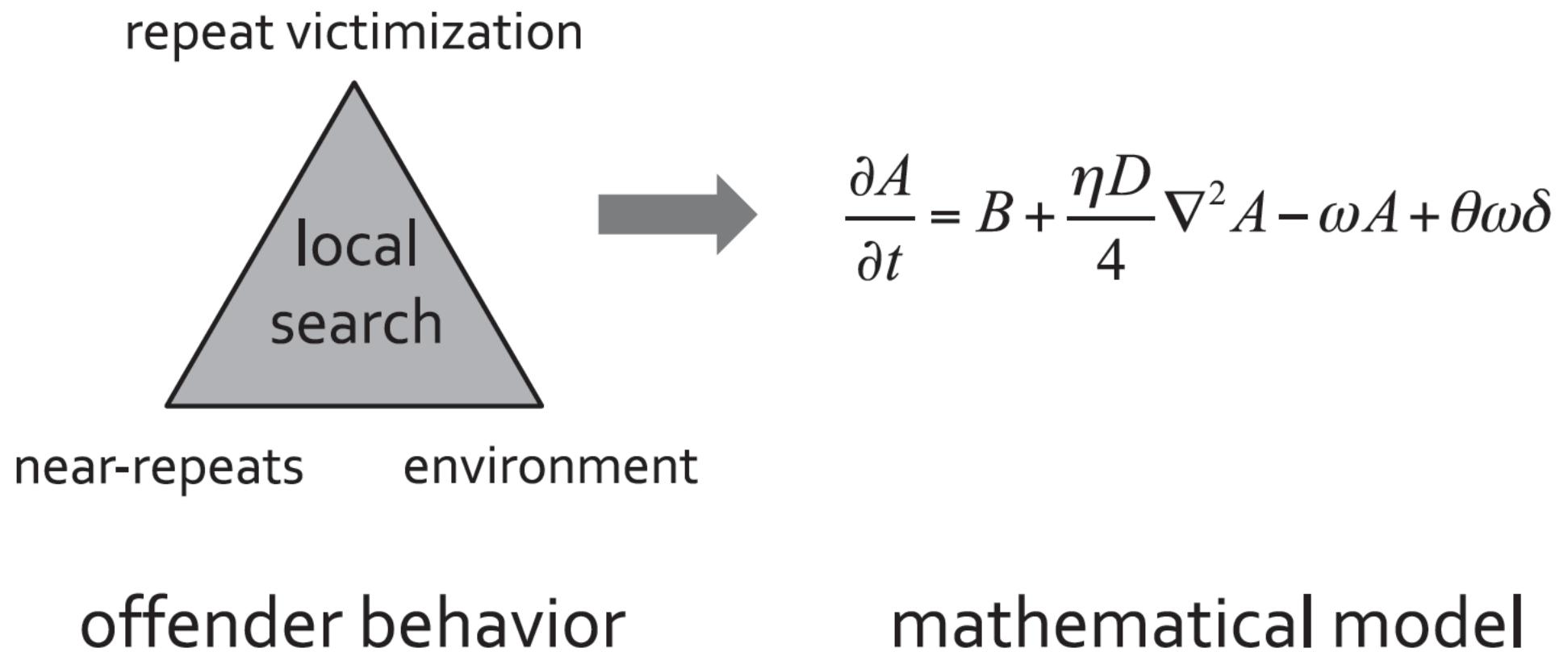
real-time crime data → *real-time* predictions



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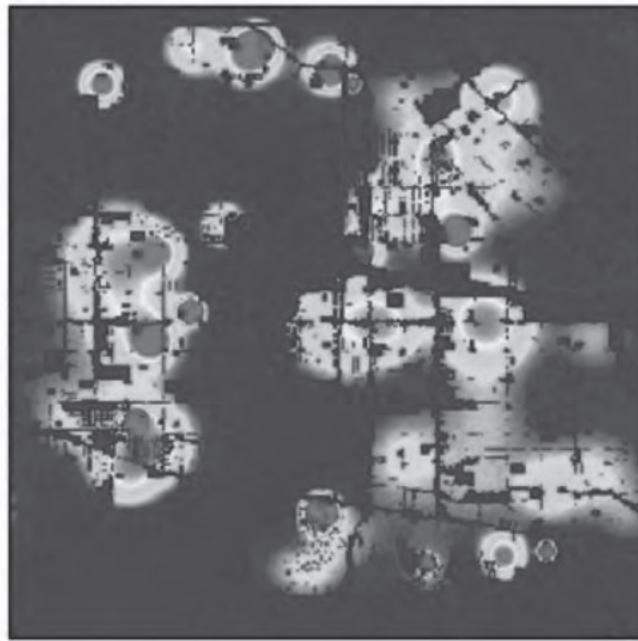
the science behind predicting crime



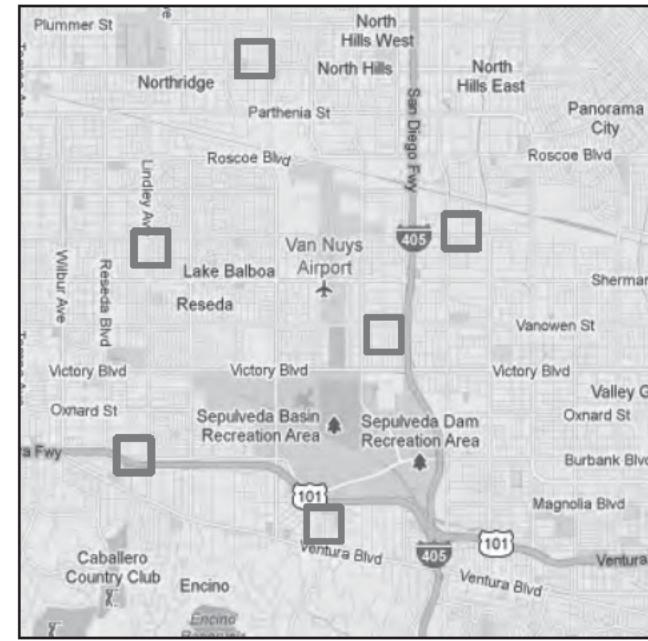
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making predictions usable



tactical ambiguity



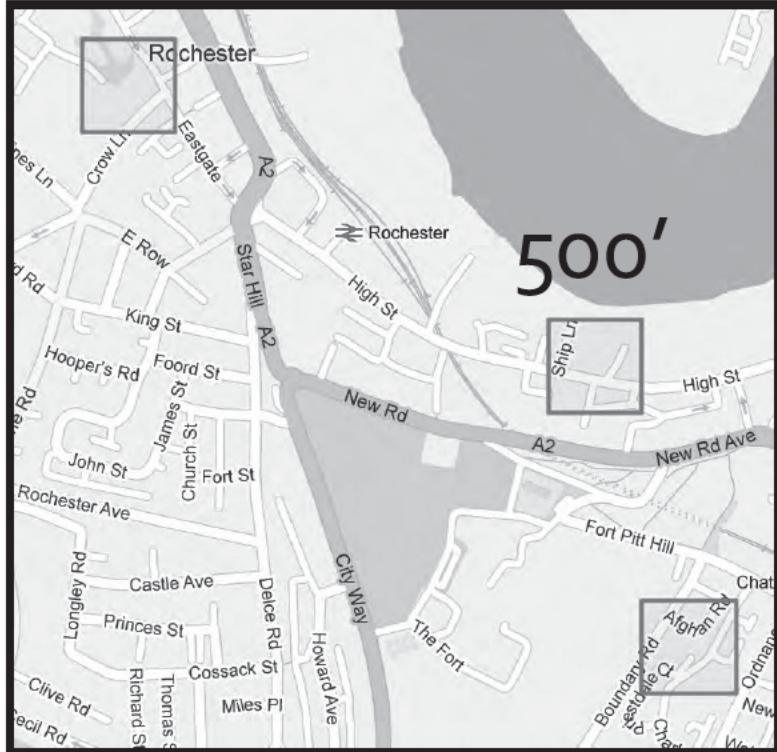
tactical clarity



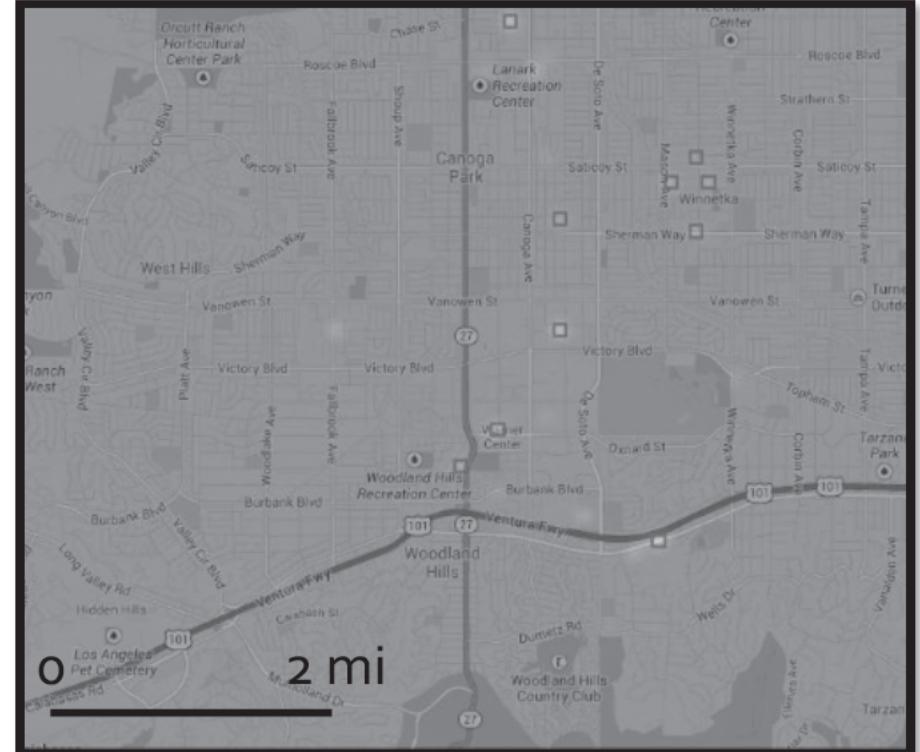
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dynamic micro-scale predictions



precision & tactical clarity



adaptive

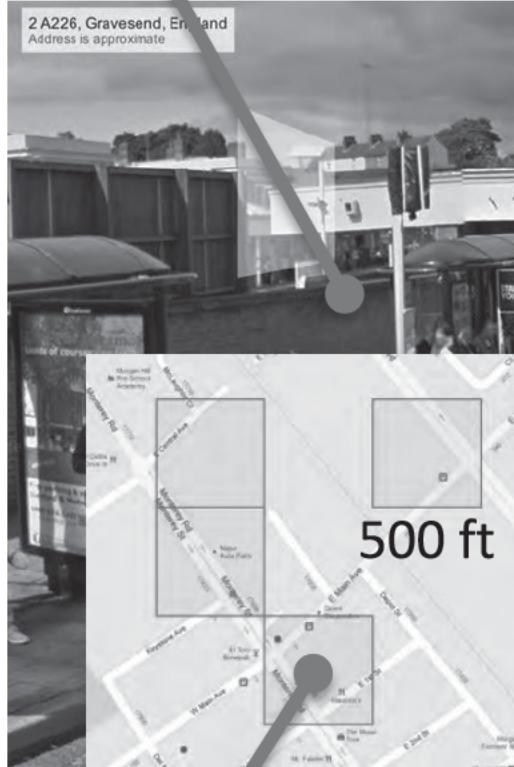


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knowledge, skills & experience

problem-oriented



environmental design



community policing

place-based

intelligence-led

broken-windows

experimental testing



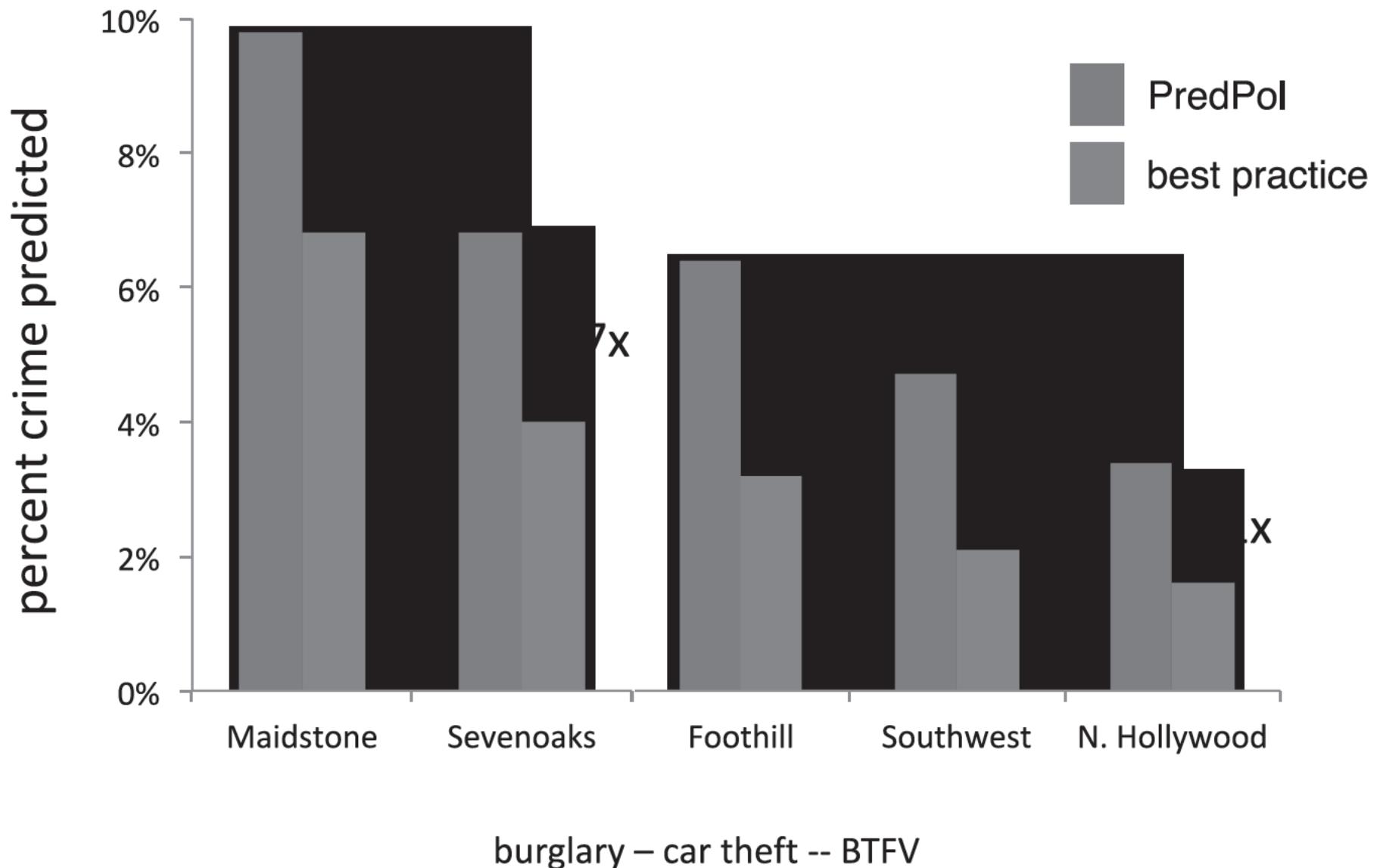
randomized controlled trials • matched areas • natural dosage experiments



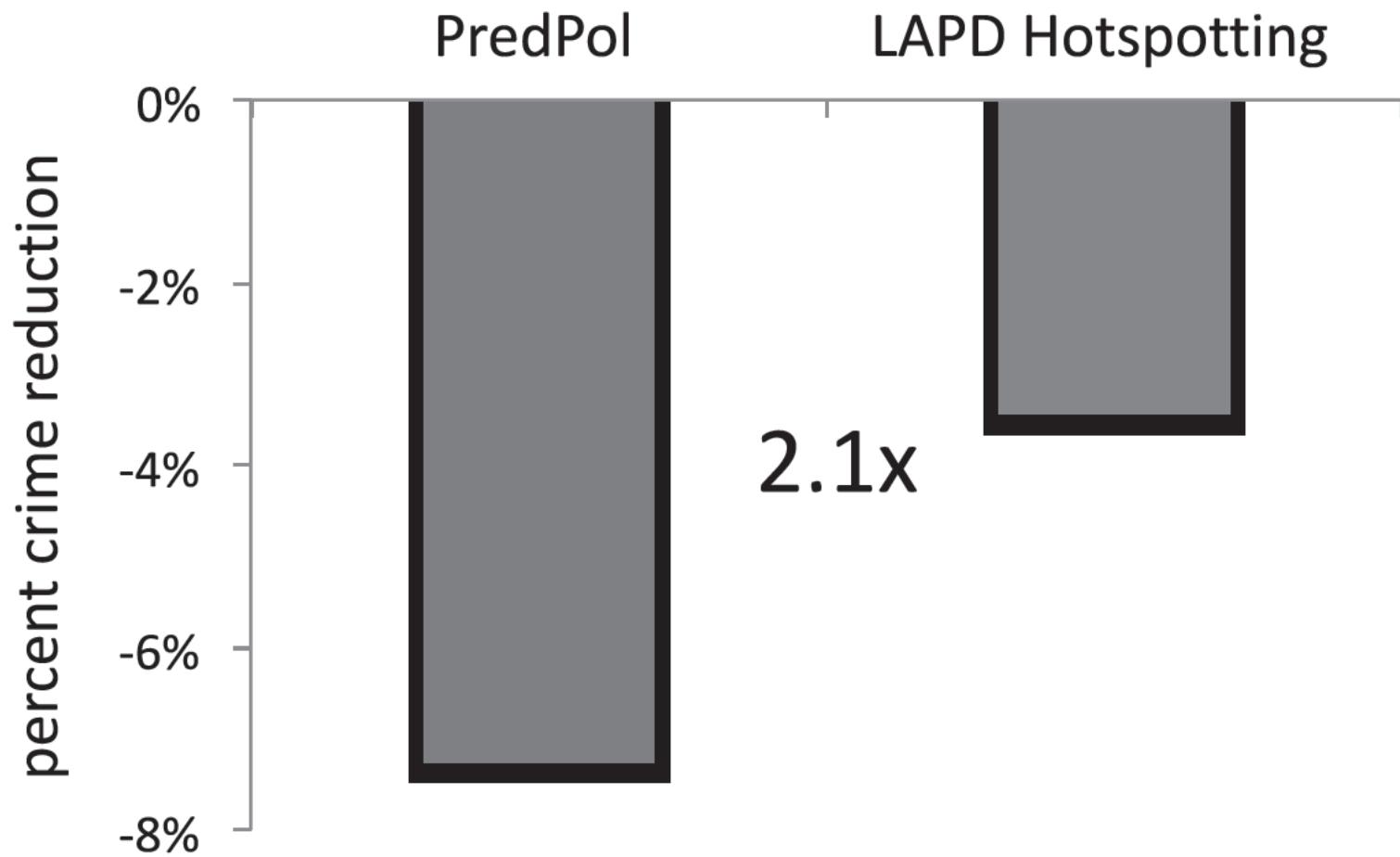
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head-to-head accuracy

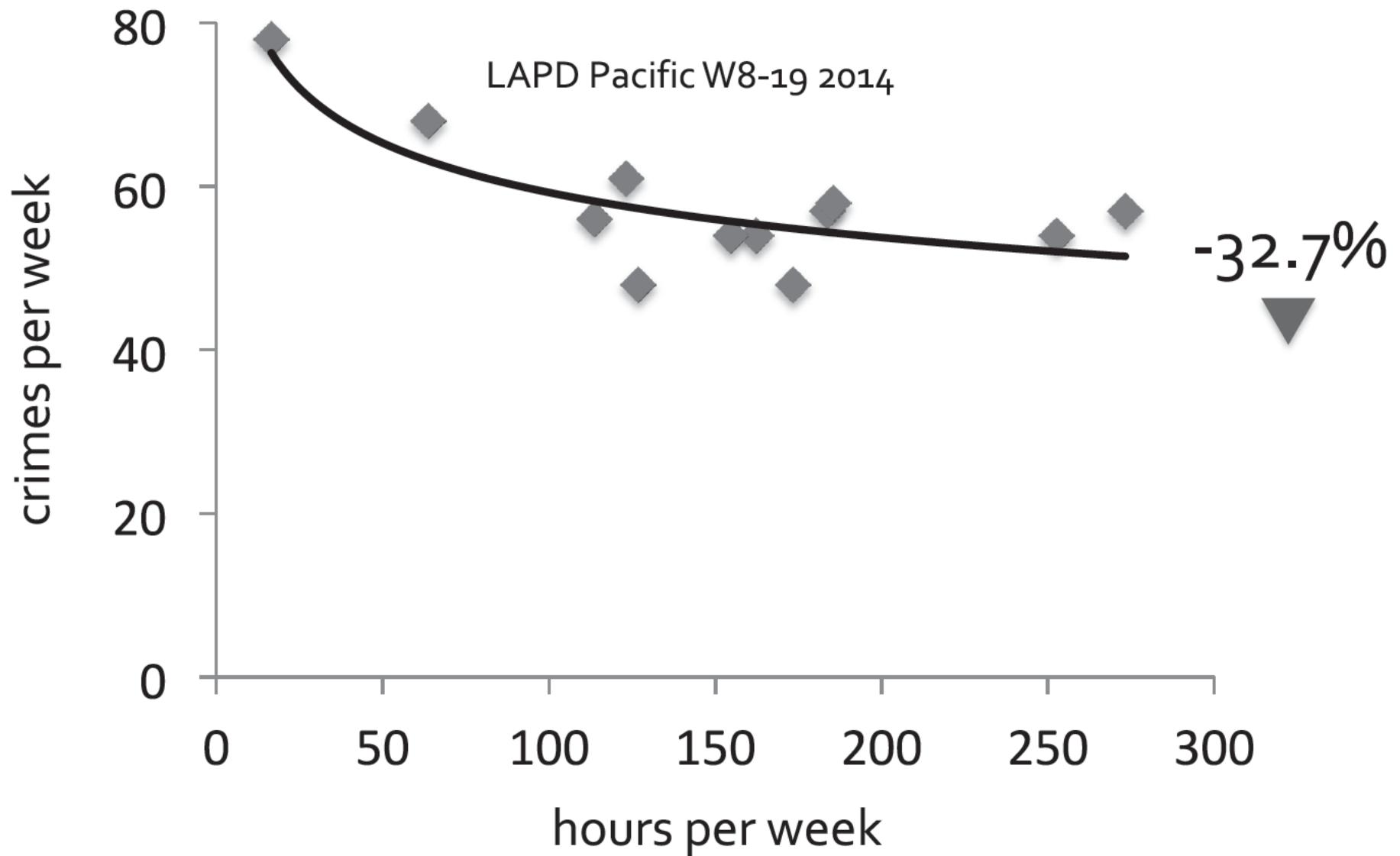


head-to-head crime reduction

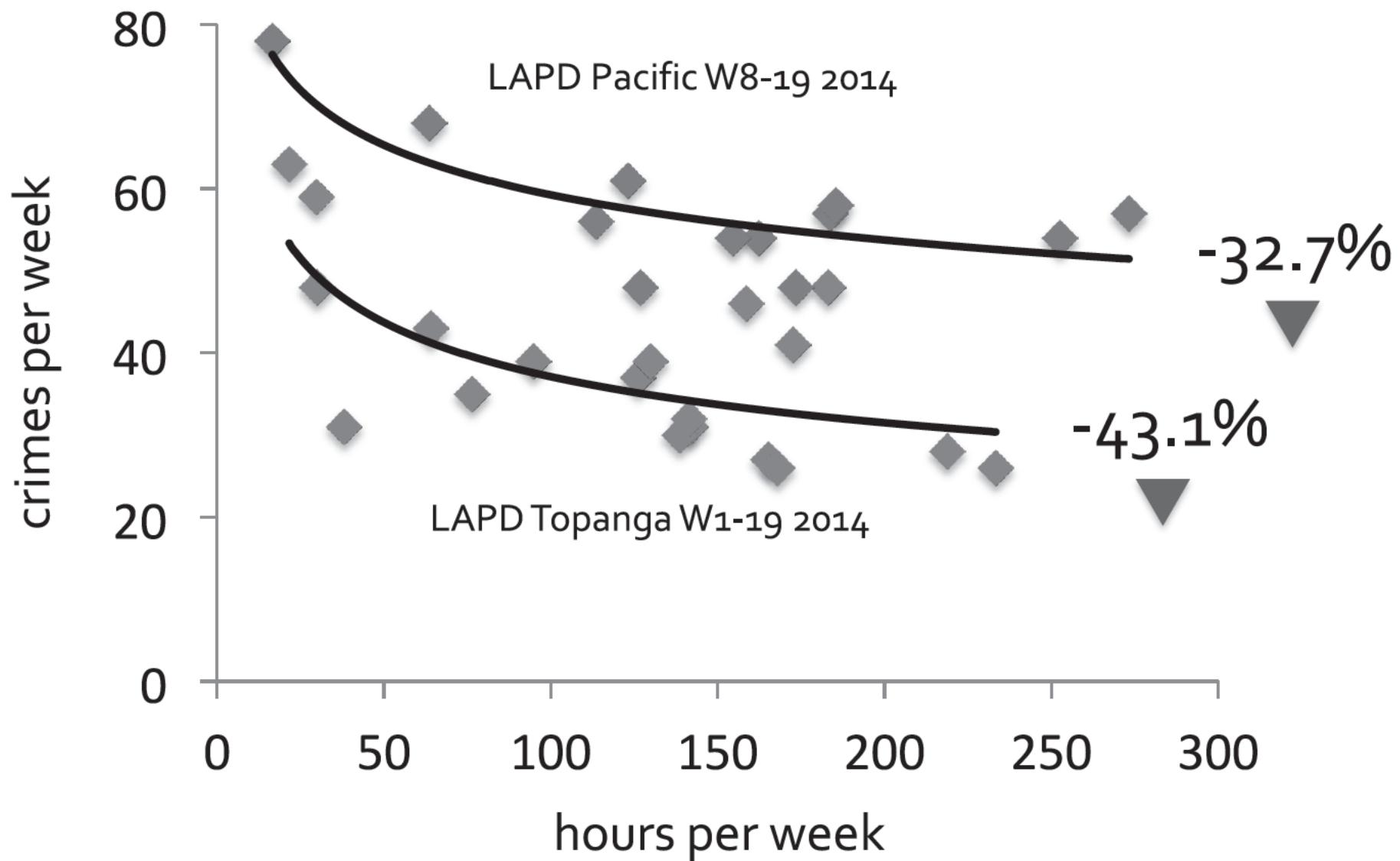


Impact of patrolling PredPol or LAPD hotspot prediction boxes in Foothill, North Hollywood & Southwest Divisions calculated for mean patrol levels of 614 min per day

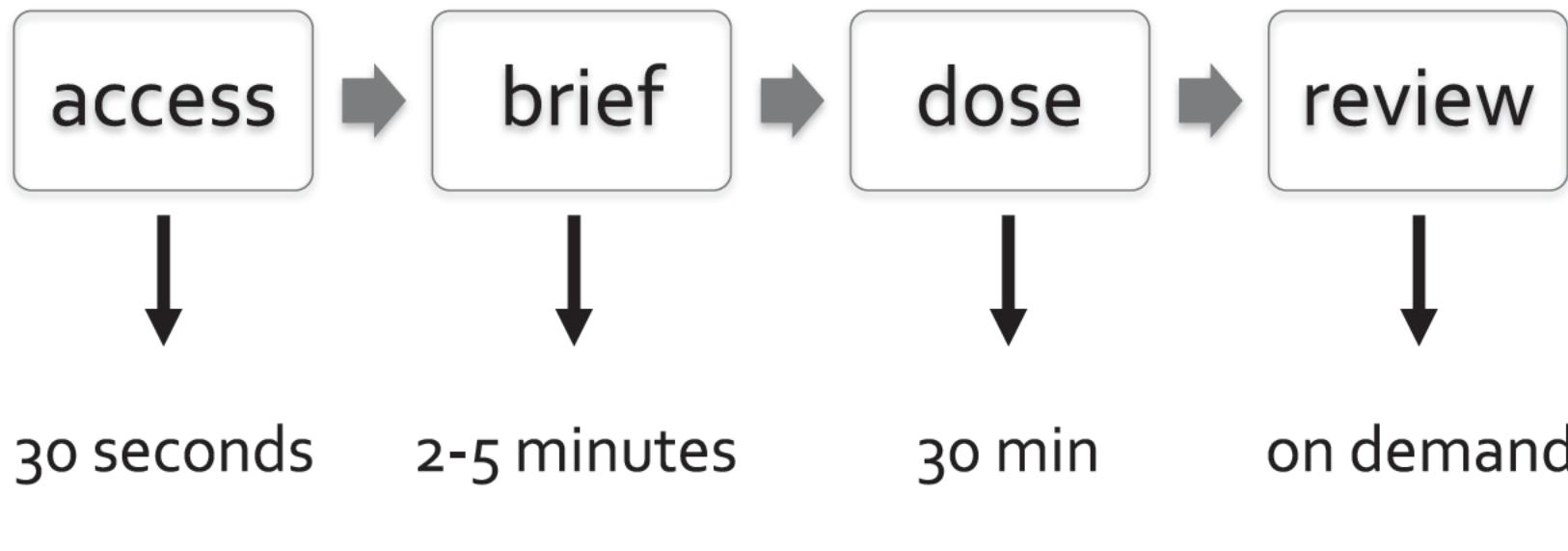
dosage and crime reduction



dosage and crime reduction



easy demand management



sustainable routine



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PredPol

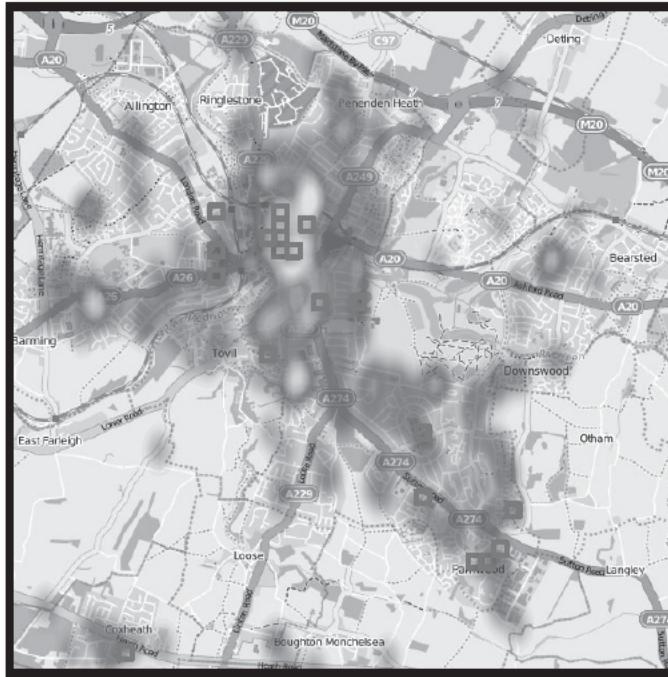
is NOT:

- a replacement for knowledge, skills & experience
- profiling of individuals
- new infrastructure

IS:

- accurate prediction of crime location & time
- focal points for effective local policing
- easy to use

Questions?



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