



A Randomized Controlled Trial of Impact on Use of Force, Citizen Complaints, and Community Trust

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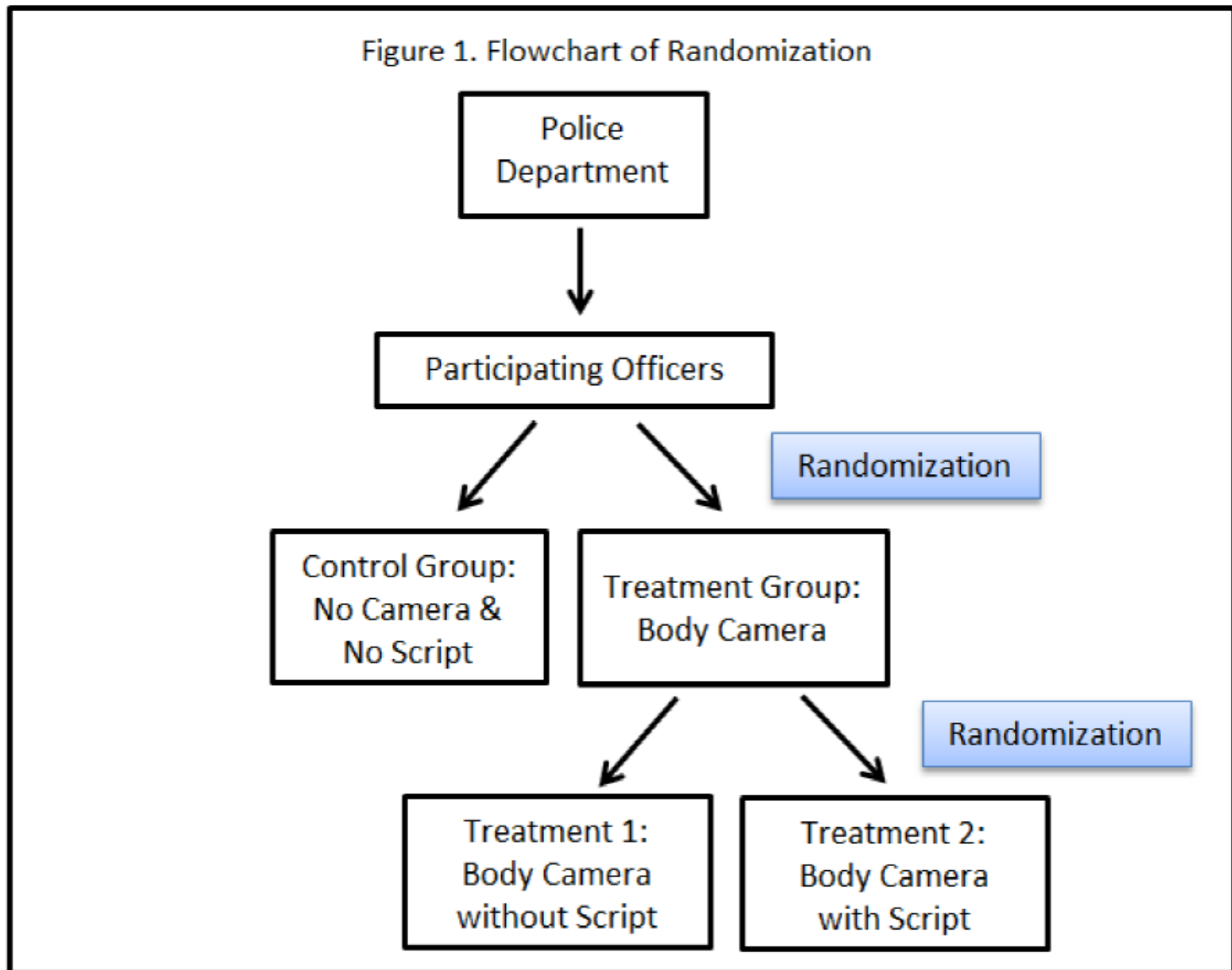
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- Agency
 - Mid-size agency in CA (>250 sworn officers)
 - 6-month, 60 officer pilot (2015)
- Three Data Sources
 - BWC Footage Coding
 - Administrative & Taser Records
 - Community Surveys
- RCT of Officers
 - No-Camera, Control Group
 - Camera, Treatment 1 Group
 - Camera w/ notification ,Treatment 2 Group



RCT of Officers



RCT of Officers (n=60)

| | No-Camera | Camera | Camera with Notification | Depart. |
|----------------------|-----------|--------|--------------------------|---------|
| <u>Unit</u> | | | | |
| Patrol | 65% | 70% | 65% | 74% |
| Traffic | 20% | 15% | 15% | 10% |
| Special | 15% | 15% | 20% | 16% |
| <u>Tenure</u> | | | | |
| Less than 10 yrs | 40% | 30% | 35% | 43% |
| 10 to 20 yrs | 40% | 45% | 40% | 38% |
| More than 20 yrs | 20% | 25% | 25% | 19% |
| <u>Race</u> | | | | |
| White | 80% | 65% | 60% | 69% |
| Non-White Race | 20% | 35% | 40% | 31% |

Community Survey



Community Survey

Methodology

- Each week, department sends researchers data on all community member contacts conducted with officers in the study.
- Filtered down to valid cases.
 - Exclusionary criteria: no listed telephone, listed business phone, sensitive cases, no name provided, among others.
- Telephone interviewers then repeatedly call the community member to survey them on the interaction. The interviewers are blind to the officer groupings.



Community Survey Sample

| | Sample | Census |
|----------------------|--------|--------|
| <u>Gender</u> | | |
| Female | 43.6% | 50.3% |
| | | |
| <u>Age</u> | | |
| 18 to 25 | 22.8% | 12.5% |
| 26 to 40 | 35.7% | 22.6% |
| 41 to 50 | 18.4% | 14.1% |
| 51+ | 23.1% | 23.5% |
| | | |
| <u>Race</u> | | |
| White | 31.5% | 27.5% |
| Hispanic | 47.4% | 52.8% |
| Other Race | 21.2% | 19.6% |



A total of 783 community members were involved in 350 unique police-community encounters, where at least one survey was completed

| Number of Community Members Present where survey was collected | Frequency | Total number of Community members |
|--|-----------|-----------------------------------|
| 1 | 177 | 177 |
| 2 | 85 | 170 |
| 3 | 42 | 126 |
| 4 | 18 | 72 |
| 5 to 10 individuals | 24 | 146 |
| 11 to 30 individuals | 4 | 92 |
| Total | 350 | 783 |



Community Survey

Domains

- Interaction Characteristics
 - Type & Result of encounter
 - Satisfaction
 - Fairness of Outcome
- Attitudes toward BWCs
- Departmental Legitimacy
- Community Member Crime Reporting/Officer Cooperation
- Community Member and Officer Use of Force
- Procedural Justice
- Demographics



Differences Across Camera Groupings



Satisfaction and Fairness with the Encounter

- What Doesn't Seem to Matter?
- What Does Seem to Matter?



BWC Metadata



BWC Metadata

- At the end of study period, department provided researchers with all Taser/Evidence.com metadata collected with the BWCs
 - Officer BWC is connected to
 - Date video recording is made
 - Tags officer added to footage
 - Case ID
- With this information, along with the administrative data, we were able to identify low-, medium-, and high-use camera officers.

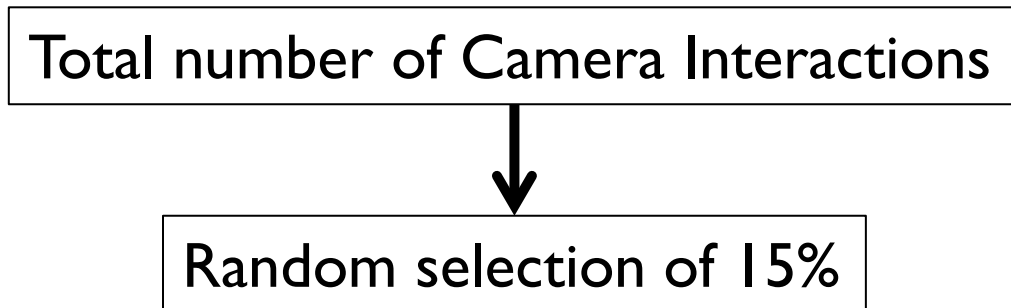


Footage Review



Footage Review Methodology

Two week delay:



Final sample frame included 278 cases, and of those 234 (84.71%) had video footage to review.

Of the 234 reviews, 74 had a completed community survey.



Footage Review

Domains

- Pre-Buffer Period
- Interaction Introduction
- Visible Behaviors during interaction
 - Officer
 - Community Member
- Community Member and Officer's Use of Force
- General Situational Questions
- Community Member Demographics



Fidelity Review

- First 5 minute review of **all** video footage with community survey.
- Able to assess implementation of 2nd treatment group.





Thank you

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