

# SQF Codebook

## CSG Justice Center Project

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## Data

**2006-2016 SQF data in CSV format:** [Download here](#)

**arrest.offenses.tsv:** List of arrestable offenses and their digit codes

**offense-codes.tsv:** List of offenses and their digit codes

## File Descriptions

**sqf\_analysis.R:** Builds found.weapon classifier with logistic regression, generates calibration plots.

**sqf\_import.R:** Imports, combines, cleans, and standardizes all years, and writes out one csv file stop-and-frisk csv data for years 2008-2016.

**sqf\_library.R:** Runs packages and custom functions needed in sqf\_import.R.

**sqf\_plots.R:** Creates data visualizations.

## Variable Names

**id :** [numeric] unique id

**year :** [numeric] year of stop

**found.weapon :** [logical] weapon found

**found.gun :** [logical] gun found

**frisked :** [logical] suspect frisked

**arrested :** [logical] suspect arrested

**searched :** [logical] suspect searched

**suspect.race :** [factor] Asian, Black, Hispanic, Native American, Other, White

**suspect.age :** [numeric] suspect age

**suspect.build :** [factor] suspect build: heavy, medium, muscular, thin, unknown

**suspect.sex :** [factor] suspect sex

**suspect.height :** [numeric] suspect height

**suspect.weight :** [numeric] suspect weight

**stopped.bc.desc** : [logical] suspect stopped because  
**stopped.bc.violent** : [logical] suspect stopped because  
**stopped.bc.other** : [logical] suspect stopped because  
**stopped.bc.object** : [logical] suspect stopped because  
**stopped.bc.casing** : [logical] suspect stopped because  
**stopped.bc.lookout** : [logical] suspect stopped because  
**stopped.bc.drugs** : [logical] suspect stopped because  
**stopped.bc.clothing** : [logical] suspect stopped because  
**stopped.bc.furtive** : [logical] suspect stopped because  
**stopped.bc.bulge** : [logical] suspect stopped because  
**precinct** : [factor] precinct: 1-123  
**inside** : [logical] suspect stopped inside  
**location.housing** : [factor] location type: housing, transit, other  
**observation.period** : [numeric] length of observatiob period in minutes  
**officer.uniform** : [logical] officer in uniform  
**additional.report** : [logical] additional circumstances - report by victim/witness/officer  
**additional.investigation**: [logical] additional circumstances - ongoing investigation  
**additional.proximity** : [logical] additional circumstances - proximity to scene of offense  
**additional.evasive** : [logical] additional circumstances - evasive responsive to questioning  
**additional.associating** : [logical] additional circumstances - suspect associating with known criminals  
**additional.direction** : [logical] additional circumstances - change direction at sight of officer  
**additional.highcrime** : [logical] additional circumstances - area has high crime incidence  
**additional.time** : [logical] additional circumstances - time of day fits crime incidence  
**additional.sights** : [logical] additional circumstances - sights of sounds of criminal activity  
**additional.other** : [logical] additional circumstances - other  
**radio.run** : [logical] stop was the result of a radio call  
**day** : [factor] day of week: Monday-Friday  
**month** : [factor] month: January-December  
**time.period** : [factor] 6 four-hour-bins denoted by 1 through 6  
**timestamp** : [date] day and time of stop