

# Ophthalmic Open Data Project

## Overview

Research project created to allow study trends in ophthalmic drug/device regulatory data

## Phase 1: Hypothesis generation

### **Endpoint - Device Classification**

Variables to analyze

- Number of devices
- device\_class
- Implant flag
- Submission\_type\_id (1: 510(k) , 2:PMA, ... )

### **Endpoint - Device 510(k) clearances**

Variables to analyze

- Number of devices
- Date\_received OR decision\_date (time)
- State
- Country\_code
- City
- product\_code (ophthalmic product codes are broken up into several intricate types)
- Device\_class

### **Endpoint - Device PMA**

Variables to analyze

- Number of devices
- City
- Date\_received OR decision\_date
- Expedited review flag
- product\_code
- State
- device\_class