**COSTS**

|  |  |  |  |
| --- | --- | --- | --- |
| **Request** | **Data** | **Unfunded** | **Funded** |
| **Fees** | |
|  | MarketScan Commercial Claims and Medicare Supplement data | $2,500  ($1250 every 6 months) | $30,000 (not-for-profit)  $60,000 (for profit) |
|  | MarketScan Health Risk Assessment (HRA) data | $1000  ($500 every 6 months) | Included in above price |
|  | Medicare FFS | $2,750  ($1375 every 6 months)\* | Left number + $2000 one-time fee for re-use |
|  | Medicaid | $3000  ($1500 every 6 months)\* | Left number + $2000 one-time fee for re-use |
|  | Other Data† | CODES Voucher | $5,000 ($2,500 every 6 months) |
|  | Programming/Data Analysis Support | $35-$75 per hour, based on level of expertise required | |
| \*If specific to Medication-related project; otherwise re-use required  †Other Data Linked to Medicare FFS (see Medicare) | | | |

**STUDY DESIGN**

|  |  |
| --- | --- |
| Retrospective Cohort | Time-Series Analysis |
| Case-Control | Self-Controlled Analyses \_\_\_\_\_(Specify) |
| Cross-Sectional | Other |

**COHORT DISCOVERY/ENTRY**

|  |  |
| --- | --- |
|  | Definition (Medication Name(s), ICD Code(s) (9 + 10), CPT Code(s) |
| Primary Exposure  Incident Use |  |
| Exposure Type | Fixed  Time-Varying |
| Control  Incident Use |  |
| Continuous Enrollment Prior to Cohort Entry | 180 days  360 days  365 days  Other: \_\_\_\_\_ |
| Continuous Enrollment After to Cohort Entry | None  180 days  360 days  365 days  Other: \_\_\_\_\_ |
|  |  |

**INCLUSION/EXCLUSION**

|  |  |  |
| --- | --- | --- |
| Inclusion/  Exclusion | When Collected? | Definition: (Medication Name(s), ICD Code(s) (9 + 10), CPT Code(s), Demographic Characteristics (e.g., Age, Sex) |
| Inclusion  Exclusion | Prior to Cohort Entry  Other |  |
| Inclusion  Exclusion | Prior to Cohort Entry  Other |  |

**OUTCOME TYPE**

|  |  |
| --- | --- |
| Outcome Type  Dichotomous | Diagnosis Code  Medication Claim |
| Continuous | Adherence  Utilization/Visits  Costs |

**OUTCOMES**

|  |  |
| --- | --- |
|  | Definition (Medication Name(s), ICD Code(s) (9 + 10), CPT Code(s)  If CPT or ICD (Specify Care Setting), Utilization/Visit Types, Cost Types) |
| Primary Outcome  Single Outcome  Composite |  |
| Secondary Outcomes  Single Outcome  Composite |  |

**CENSORING CRITERIA**

|  |  |
| --- | --- |
| Death (if available)  End of Study Period  End of Enrollment  Cohort Entry + \_\_\_ Days  Medication Switching | Medication Discontinuation: \_\_\_\_\_\_\_\_\_\_\_\_\_(Specify Medication)  Select Grace Period: 7 Days 14 Days 30 Days 90 Days  1.5xDays’ Supply  Other  Diagnosis or Procedure: \_\_\_\_\_\_\_\_\_(Specify)  Define: |

**COVARIATES**

Measured Differences:  P-Value Std Diff

|  |  |  |
| --- | --- | --- |
| When Collected? | Inclusion | Definition: (Medication Name(s), ICD Code(s) (9 + 10), CPT Code(s), Demographic Characteristics (e.g., Age, Sex, Year) |
| Prior to Cohort Entry  Other | Any Coding  1 IPT; 2OPT  Other | Age (Specify \_\_\_\_\_\_\_\_\_\_\_) Year (Specific \_\_\_\_\_\_\_\_)  Race  Sex  Geographic Locations (Specify \_\_\_\_\_)  Charlson Elixhauser |
| *One Row Per Covariate* | | |
| Prior to Cohort Entry  Other | Any Coding  1 IPT; 2OPT  Other |  |
| Prior to Cohort Entry  Other | Any Coding  1 IPT; 2OPT  Other |  |

|  |  |
| --- | --- |
| Measured Differences | P-Value  Std Diff |
| Imputation | Yes ( Exposure  Outcome  Covariate)  No |

**CONFOUNDING REDUCTION**

|  |  |
| --- | --- |
| Type |  |
| Multivariable |  |
| PS Matching | Matching 1:1 Other  Caliper Width  0.5 Other |
| IPTW | Trimming |

**ANALYSIS**

|  |  |
| --- | --- |
| Type |  |
| Logistic Regression |  |
| GLM (Costs) |  |
| Linear Regression |  |
| Cox PH | Check Time-Varying Assumption |
| Poisson Regression |  |
| Other |  |

**DATA VISUALIZATION**

|  |  |
| --- | --- |
| Flow Chart |  |
| Table 1 (Compare Baseline Characteristics | Include Balance |
| Box & Whiskers for Covariates | Include Balance |
| Primary Findings Table | Number of Outcomes  Person-Time  HR / OR / RR  P-Value |
| Kaplan Meier / Incidence Plot |  |
| Propensity Score Distribution |  |
| Other |  |