*Supplementary Table 2*. Rate ratio (RR) and its corresponding Lower RR (LRR) and Upper RR (URR) 95% confidence interval (CI) for the association between count of monthly report requests and AD intervention among All, Early Adopters (≥ 25), Middle Adopters (1 - <25), and Late Adopters (<1). Post is the rate of requesting reports and Month\*Post is the monthly rate of change in report requests post-AD intervention compared to pre-AD intervention.

|  |  |  |  |
| --- | --- | --- | --- |
| **Adoption Status** | **Variables** | **PCP+DEL** | **PCP** |
| **RR** | **LRR** | **URR** | **p-value** | **RR** | **LRR** | **URR** | **p-value** |
| **Overall** | **Month** | 1.33 | 1.28 | 1.39 | <.0001 | 1.30 | 1.24 | 1.37 | <.0001 |
| **Post** | 39.01 | 14.89 | 102.16 | <.0001 | 62.68 | 22.02 | 178.45 | <.0001 |
| **Month\*Post** | 0.72 | 0.68 | 0.76 | <.0001 | 0.67 | 0.62 | 0.72 | <.0001 |
| **Patients** | 1.01 | 1.01 | 1.01 | <.0001\* | 1.01 | 1.01 | 1.01 | <.0001\* |
| **Early** **(≥ 25)** | **Month** | 1.22 | 1.17 | 1.27 | <.0001 | 1.15 | 1.08 | 1.22 | <.0001 |
| **Post** | 4.97 | 2.34 | 10.53 | <.0001 | 5.94 | 1.15 | 30.59 | 0.0333 |
| **Month\*Post** | 0.80 | 0.75 | 0.85 | <.0001 | 0.77 | 0.70 | 0.86 | <.0001 |
| **Patients** | 1.00 | 1.00 | 1.00 | 0.1069 | 1.00 | 1.00 | 1.01 | 0.4207 |
| **Middle (1 - < 25)** | **Month** | 1.49 | 1.39 | 1.60 | <.0001 | 1.48 | 1.38 | 1.59 | <.0001 |
| **Post** | 29.44 | 9.03 | 95.97 | <.0001 | 65.26 | 18.68 | 227.99 | <.0001 |
| **Month\*Post** | 0.66 | 0.59 | 0.73 | <.0001 | 0.58 | 0.52 | 0.65 | <.0001 |
| **Patients** | 1.01 | 1.00 | 1.02 | 0.0187\* | 1.01 | 1.00 | 1.02 | 0.0649 |
| **Late** **(< 1)** | **Month** | 1.12 | 0.93 | 1.35 | 0.2172 | 1.13 | 0.93 | 1.36 | 0.2239 |
| **Post** | 239.80 | 36.17 | 1590.02 | <.0001 | 273.17 | 38.64 | 1931.59 | <.0001 |
| **Month\*Post** | 0.80 | 0.65 | 0.99 | 0.036 | 0.76 | 0.61 | 0.95 | 0.0147 |
| **Patients** | 1.01 | 1.00 | 1.02 | 0.0041\* | 1.01 | 1.00 | 1.02 | 0.0215\* |

\*The RR for Patients (patients dispensed an opioid) are very close to 1 (though p-values are significant due to small standard error) showing there is no association between number of reports and number of patients.

Legend

PCP+DEL: Primary Care Prescriber and any associated PDMP Delegate(s)

PCP: Primary Care Prescriber

Early Adopters: Monthly mean average of ≥ 25 report requests pre-intervention

Middle Adopters: Monthly mean average of 1 - < 25 report requests pre-intervention

Late Adopters: Monthly mean average of < 1 report requests pre-intervention