Predictors: size, sponsor type, year of start, phase

Outcome: yes answer to IPD sharing

Share rates for size of study:

Based on the results it looks like the higher the enrollment the more likely to share

|  |  |  |  |
| --- | --- | --- | --- |
| Enrollment | Yes\_plan\_to\_share | Answered\_plan\_to\_share | Rate\_yes |
| 1-49 | 2569 | 25232 | 0.101815 |
| 50-200 | 3213 | 28358 | 0.113301 |
| 200+ | 3632 | 19994 | 0.181654 |

Share rates for phase:

Where phase 3 studies seem to be an outlier from the others

|  |  |  |  |
| --- | --- | --- | --- |
| phase | Yes\_Share | Answered | percentage\_share |
| Early Phase 1 | 88 | 836 | 0.105263 |
| N/A | 3021 | 33918 | 0.089068 |
| Phase 1 | 1002 | 5096 | 0.196625 |
| Phase 1/Phase 2 | 259 | 2246 | 0.115316 |
| Phase 2 | 1451 | 8093 | 0.179291 |
| Phase 2/Phase 3 | 149 | 1079 | 0.138091 |
| Phase 3 | 1760 | 5381 | 0.327077 |
| Phase 4 | 866 | 5540 | 0.156318 |

Sponsor\_type

|  |  |  |  |
| --- | --- | --- | --- |
| agency\_class | Yes\_Share | Answered | percentage\_share |
| Industry | 4813 | 22835 | 0.210773 |
| NIH | 1127 | 4844 | 0.232659 |
| Other | 12102 | 103565 | 0.116854 |
| U.S. Fed | 320 | 2302 | 0.13901 |

Start Year

|  |  |  |  |
| --- | --- | --- | --- |
| Start\_year | Yes\_Share | Answered | percentage\_share |
| 1984 | 1 | 1 | 1 |
| 1989 | 1 | 3 | 0.333333 |
| 1990 | 1 | 1 | 1 |
| 1992 | 2 | 4 | 0.5 |
| 1993 | 1 | 7 | 0.142857 |
| 1994 | 1 | 8 | 0.125 |
| 1995 | 2 | 9 | 0.222222 |
| 1998 | 2 | 15 | 0.133333 |
| 1999 | 3 | 25 | 0.12 |
| 2000 | 4 | 37 | 0.108108 |
| 2001 | 5 | 33 | 0.151515 |
| 2002 | 8 | 41 | 0.195122 |
| 2003 | 15 | 57 | 0.263158 |
| 2004 | 21 | 89 | 0.235955 |
| 2005 | 40 | 134 | 0.298507 |
| 2006 | 80 | 186 | 0.430108 |
| 2007 | 127 | 267 | 0.475655 |
| 2008 | 133 | 312 | 0.426282 |
| 2009 | 144 | 411 | 0.350365 |
| 2010 | 151 | 486 | 0.3107 |
| 2011 | 177 | 606 | 0.292079 |
| 2012 | 178 | 849 | 0.209658 |
| 2013 | 238 | 1231 | 0.193339 |
| 2014 | 265 | 1800 | 0.147222 |
| 2015 | 378 | 2982 | 0.126761 |
| 2016 | 768 | 7048 | 0.108967 |
| 2017 | 1275 | 15042 | 0.084763 |
| 2018 | 1034 | 10779 | 0.095927 |