**S1 Table. Power of the sample size for combined cohorts to detect increases in OR for asthma exacerbation.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Asthma onset | Ethnicity | Cohort | OR=1.2 | OR=1.5 | OR=3 |
| Late  | Europeans | UKBiobank, GoSHARE (a) | 82% | 99% | 100% |
| Early  | Europeans | GoSHARE (b), BREATHE, Tayside RCT, PAGES | 31% | 86% | 100% |
| Early | Europeans, African Americans, Hispanics/Latinos | GoSHARE (b), BREATHE, Tayside RCT, PAGES, SAGE, GALA II | 64% | 97% | 100% |

GoSHARE (a) is the late-onset population (>18 years-old)

GoSHARE (b) is the early-onset population (<= 18 years-old)