This sas program is to provide an example of sample size calculation under the stratified case-cohort design (SCC) using the proportional, balanced, and optimal sampling strategies.

The MORGRAM study is used as example. The cohort information is presented below:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **MORGAM Study Sample Size Calculation** | | | |  |  | |  | |  |
| *Full Cohort and Strata Information* | | | | | | | | | |
|  | *Stratum No.* | *Strata Description* |  | *Event* |  |  | |  | |
| 4,559 | 1 | Male | 2,282 | 96 | 0.042 | 0.5 | | 0.4 | |
|  | 2 | Female | 2,277 | 24 | 0.011 | 0.5 | | 0.4 | |
| Overall |  |  | 4,559 | 120 | 0.026 | 1.0 | | 0.4 | |
|  | | | | | | | | | |

Further instructions are included in the sas program.