|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 |
| simpolicies | initialize\_pop | interpolate\_cumsurv | rate\_to\_cumsurv |  |
| format\_age |  |  |
| sim\_multinom |  |  |
| return\_value\_from\_id |  |  |
| calc\_ac\_lifespan\_pop | build\_simpop? |  |
| calc\_ac\_lifespan | sim\_KM |
| sim\_clinical\_incidence | build\_simpop? |  |
| sim\_KM |  |
| add\_features | sim\_multinom |  |  |
| create\_stageshift\_map |  |  |  |
| stageshift\_indicator |  |  |  |
| shift\_stages |  |  |  |
| shifttreatment\_indicator |  |  |  |
| treatments\_by\_policy | sim\_treatments\_by\_subgroup | sim\_multinom |  |
| update\_treat\_stageshift |  |  |  |
| timetocancerdeath\_by\_policy | rexp\_matrix |  |  |
| update\_time\_stageshift | sim\_same\_qexp |  |  |
| cuminc, cummort, cumyears, calcarr, calcmrr |  |  |  |
| compile\_outcomes | returnstats4matrix |  |  |
| data | incratesf, allmortratesf, agestructure, ex1 |  |  |  |

**Function Guide**: Functions in a given column call functions in the corresponding cells of the column to the right. Grey text indicates a 2nd reference to a function that is already named above. Green indicates that documentation is fairly complete, i.e.

1. Help page with inputs specified
2. Exported; return value
3. Example with ex1 - or, say "See tests in test\_initialize.R"