Numerical values to check:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Expected value | Value from model  **Control**  **(no HCC screening)** | Value from model  **Intervention**  **(HCC screening)** | References for expected values |
| Checking age/timeline: |  |  |  |  |
| Average age of developing HCC | ~68-73 years | 64.1 years | 64.0 years | [Huang 2020](https://www.nature.com/articles/s41575-020-00381-6)  [Mohamad 2016](https://link.springer.com/article/10.1007/s12072-015-9679-0) |
| Average age of developing cirrhosis | ~65 years | 63.9 years | 63.2 years | [Orman 2019](https://pmc.ncbi.nlm.nih.gov/articles/PMC6604080/#H1-3-ZOI190254) |
| Average age of death from MASLD (no HCC or cirrhosis) | ~79 years (Should be similar to general population) | 78.2 years | 78.1 years | [Konyn 2022](https://pmc.ncbi.nlm.nih.gov/articles/PMC10029952/) |
| Checking final outcomes: |  |  |  |  |
| 10-year incidence of cirrhosis (censored) | 3.70-10% | 8.2% | 8.7% | [Le 2024](https://pmc.ncbi.nlm.nih.gov/articles/PMC11016479/) |
| 10-year incidence of HCC | ~0.21-6% | 5.6% | 6% | [Huang 2020](https://www.nature.com/articles/s41575-020-00381-6) |
| 5-year HCC survival rate | ~22% | 24.9% | 34.2% | [American Cancer Society](https://www.cancer.org/cancer/types/liver-cancer/detection-diagnosis-staging/survival-rates.html) |
| Mean/median HCC survival | 28-36 months | Mean: 3.0 years  Median: 2.0 years | Mean: 3.4 years  Median: 3.0 years | [Vitellius 2024](https://www.sciencedirect.com/science/article/pii/S2589555924001642)  [Yang 2023](https://pmc.ncbi.nlm.nih.gov/articles/PMC10315789/) |