

| | MONTH | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|---|--|--|--|------|--|--|------|------|------|--|--|--|------|------|--|------|--|------|------|--|------|--|--|------|------|
| WP1 | Clinical Utility Evaluation | | | | | | | | | | | | | | | | | | | | | | | | | |
| T1.1 | Adaptation of the decision curve analysis method | | | | D1.1 | | | | | | | | | | | | | | | | | | | | | |
| T1.2 | Run analyses | | | | M1.1 | | | M1.2 | | | | | | | | | | | | | | | | | | |
| WP2 | Risk-based benefit prediction models | | | | | | | | | | | | | | | | | | | | | | | | | |
| T2.1 | Development of risk-based BPMs | | | | | | | | | | | | | | D2.1 | | | | | | | | | | | |
| T2.2 | Development of a simulation framework | | | | | | | | | | | | | | M2.1 | | | | | | | | | | | |
| T2.3 | Run analyses | | | | | | | | | | | | | M2.2 | | | M2.3 | | | | | | | | | |
| WP3 | Ensemble Benefit Prediction Models | | | | | | | | | | | | | | | | | | | | | | | | | |
| T3.1 | Identification of methods to include in the ensembles | | | | | | | | | | | | | | | | | | D3.1 | | | | | | | |
| T3.2 | Run analyses | | | | | | | | | | | | | | | | | | M3.1 | | | M3.2 | | | | |
| WP4 | Dissemination and Communication Management | | | | | | | | | | | | | | | | | | | | | | | | | |
| T4.1 | Manuscript preparation | | | | | | | | M4.1 | D4.1 | | | | | | | | | M4.2 | D4.2 | | | | | M4.3 | |
| WP5 | Project Management | | | | | | | | | | | | | | | | | | | | | | | | | |
| T5.1 | Application for data use | | | | | | | | M5.1 | | | | | | | | | | M5.2 | | | | | | M5.3 | |
| T5.2 | Meetings with the Advisory Committee | | | | | | | | | | | | | | D5.1 | | | | | | | | | | | D5.2 |

Milestones

M1.1: Protocol for the clinical utility evaluation study
M1.2: Open-source code for the clinical utility evaluation study
M2.1: Open-source R-package for of the simulation framework
M2.2: Protocol for the simulation study and the application
M2.3: Open-source code for the risk-based BPM study
M3.1: Protocol for the ensemble benefit prediction modeling study
M3.2: Open-source code for the execution of the ensemble BPM study
M4.1: Clinical utility evaluation paper preprint
M4.2: Risk-based BPM paper preprint
M4.3: Ensemble BPM paper preprint
M5.1: Ethics approval for clinical utility evaluation study
M5.2: Ethics approval for risk-based benefit prediction study
M5.3: Ethics approval for ensemble benefit prediction study

Deliverables

D1.1: R-package for the evaluation of clinical utility
D2.1: R-package for training risk-based BPMs
D3.1: R-package for training ensemble BPMs
D4.1: Publication of paper about the BPM clinical utility in peer-reviewed journal
D4.2: Publication of paper about risk-based BPMs in peer-reviewed journal
D4.2: Publication of paper about ensemble BPMs in peer-reviewed journal
D5.1: Interim report
D5.2: Final report