

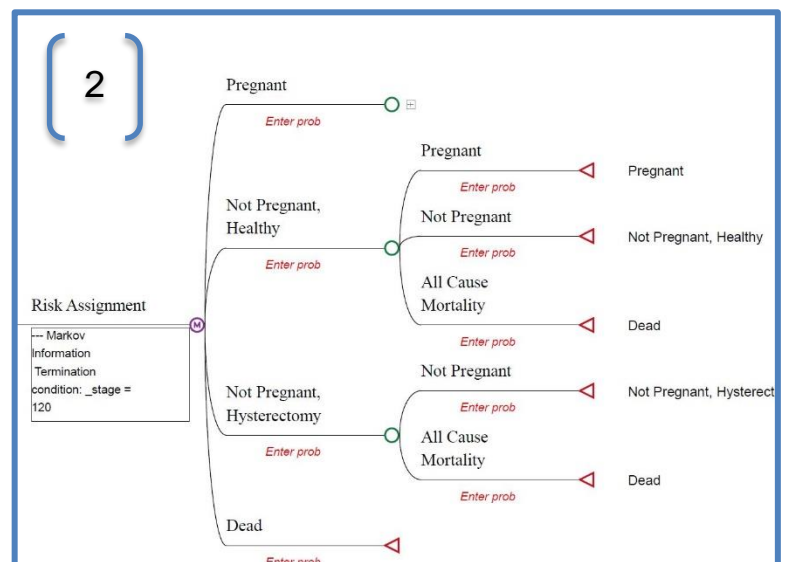
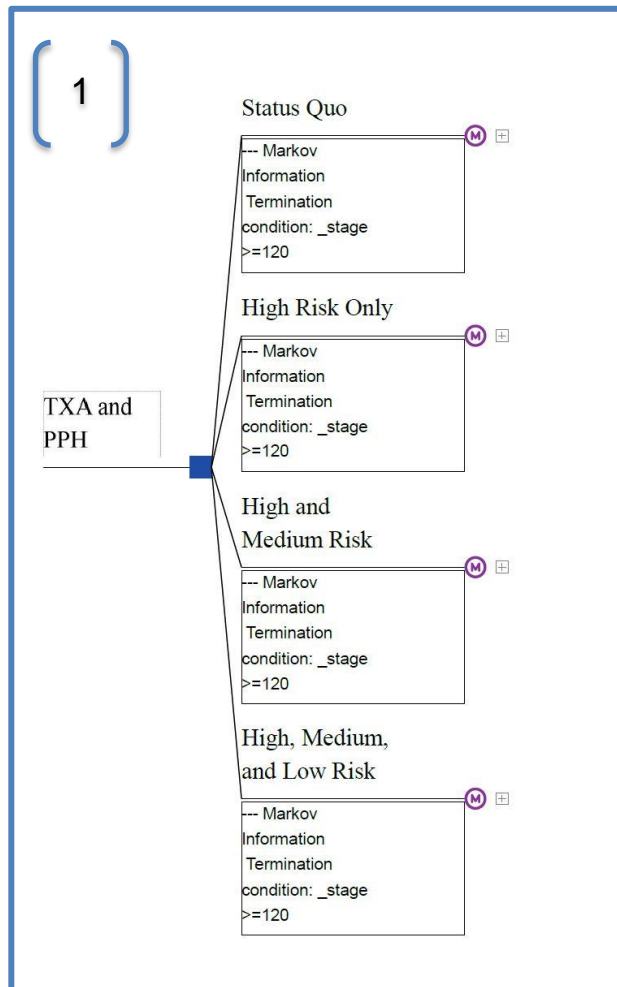
Figures

Figure 1. Simplified model structures - (p. 1,2)

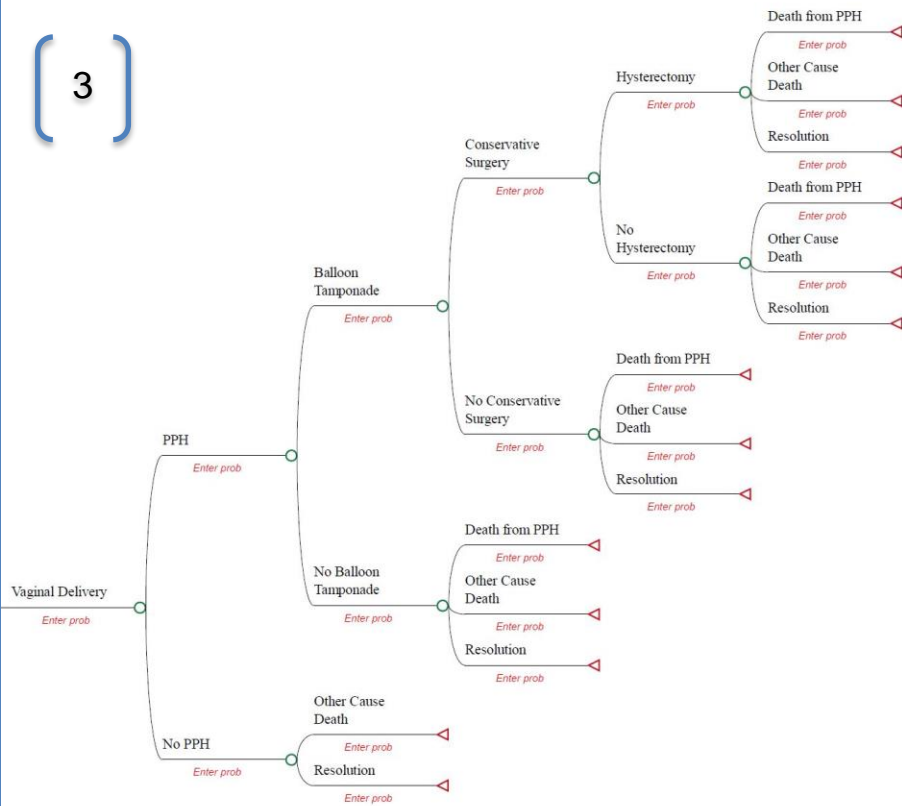
Figure 2. Sensitivity analysis tornado diagrams, by perspective (p. 3,4)

Note: Additional information, including model data inputs, outputs, and methodology, is available upon request.

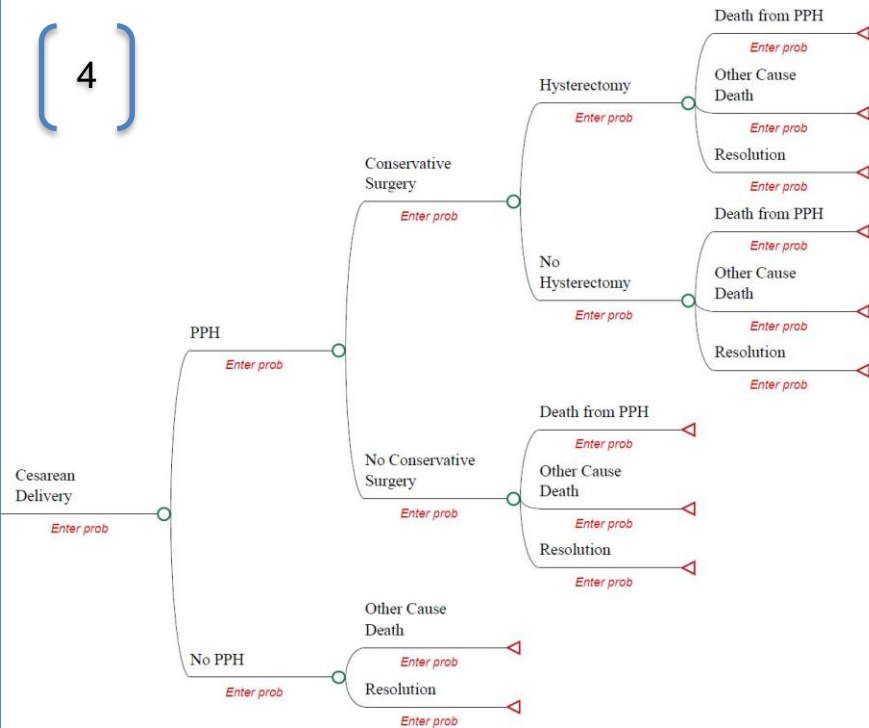
Figure 1. Simplified model structures - (1) four strategies, (2) health states, (3) vaginal delivery subtree, (4) cesarean delivery subtree



(3)



(4)



Abbreviations: TXA, tranexamic acid; PPH, postpartum hemorrhage

Figure 2. Sensitivity analysis tornado diagrams, by perspective

Figure 2A: Tornado Diagram for the Healthcare System Perspective

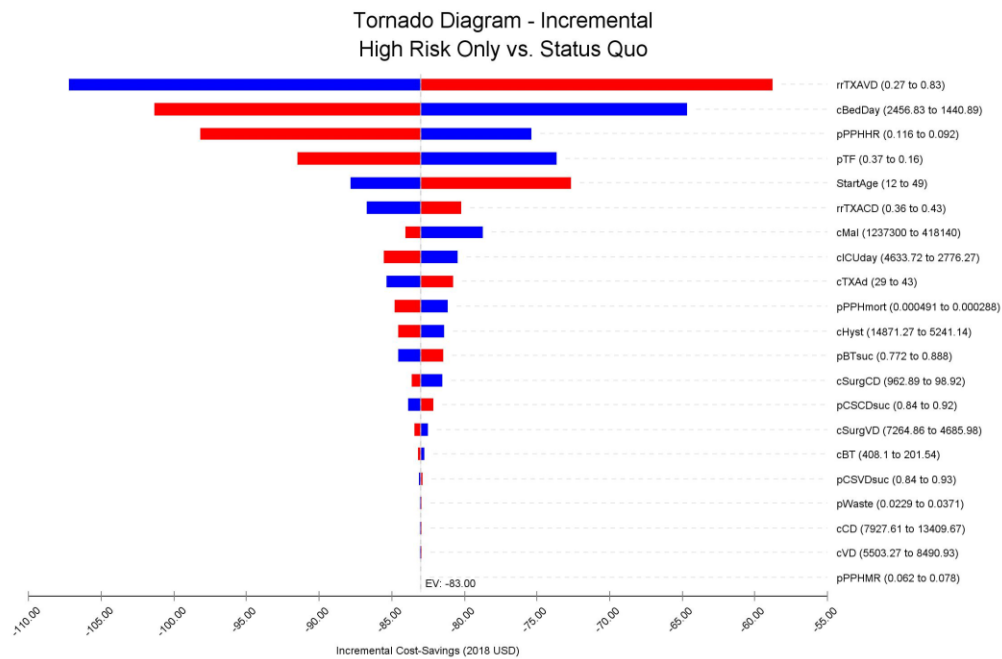
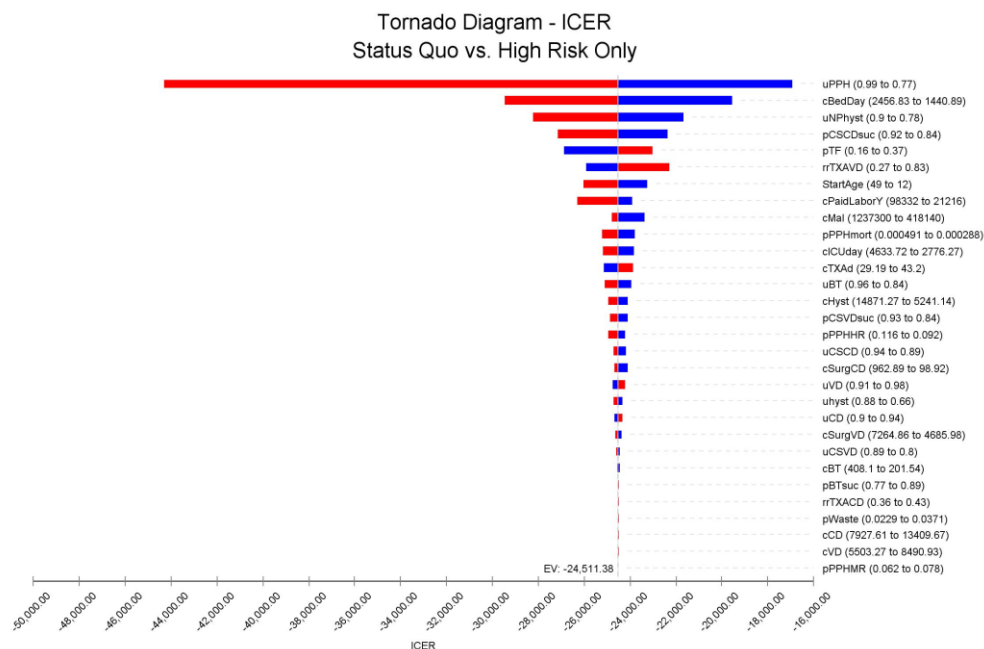


Figure 2B: Tornado Diagram for the Societal Perspective



Note: Blue = Low parameter estimate, Red = High parameter estimate

Abbreviations:

- *rrTXAVD – risk ratio of postpartum hemorrhage with tranexamic acid in vaginal delivery*
- *cBedDay – cost per excess inpatient day*
- *pPPHHR – probability of postpartum hemorrhage in high hemorrhage risk patients*
- *pTF – probability of pharmacotherapy failure in postpartum hemorrhage*
- *StartAge – starting age of patients as they enter the model*
- *rrTXACD – risk ratio of postpartum hemorrhage with tranexamic acid in cesarean delivery*
- *cMal – cost of medical malpractice for maternal death*
- *cICUday – cost per day spent in the intensive care unit*
- *cTXAd – cost of one gram of tranexamic acid*
- *pPPHmort – probability of death due to hemorrhage in postpartum hemorrhage patients*
- *cHyst – cost of hysterectomy*
- *pBTsuc – probability of treatment success with balloon tamponade*
- *cSurgCD – cost of uterus-sparing surgery in cesarean delivery*
- *pCSCDsuc – probability of treatment success with uterus-sparing surgery in cesarean delivery*
- *cSurgVD – cost of uterus-sparing surgery in vaginal delivery*
- *cBT – cost of balloon tamponade*
- *pCSVDsuc – probability of treatment success with uterus-sparing surgery in vaginal delivery*
- *pWaste – percent wastage of tranexamic acid*
- *cCD – cost of cesarean delivery*
- *cVD – cost of vaginal delivery*
- *pPPHMR – probability of postpartum hemorrhage in medium hemorrhage risk patients*
- *uPPH – utility weight of postpartum hemorrhage*
- *uNPhyst – long term utility weight of well state post-hysterectomy*
- *cPaidLaborY – average yearly income of women in the labor force*
- *uBT – utility weight of balloon tamponade*
- *uCSCD – utility weight of uterus-sparing surgery in cesarean delivery*
- *uVD – utility weight of vaginal delivery*
- *uhyst – utility weight of hysterectomy*
- *uCD – utility weight of cesarean delivery*
- *uCSVD – utility weight of uterus-sparing surgery in vaginal delivery*