

Appendix N Sensitivity analysis of cost-effective treatment of IVF analyses

In chapter 14 an economic model is used to determine the cost-effectiveness of IVF. This is done for a total of 198 scenarios which represent all the following permutations of the following:

Cause (6):	Unknown, Male factor without ICSI, Male factor with ICSI, Tubal, Mild endometriosis, severe endometriosis
Pregnancy history (3):	No previous pregnancy, Previous pregnancy no live birth Previous pregnancy with live birth
Duration of sub-fertility (11):	2-12 years

In this appendix we present the results of a sensitivity analysis for these scenarios using a policy of eSET and DET. The following changes were made to base case model inputs:

- i) Hunault predictions of live birth were multiplied by 0.8
- ii) QALYs were discounted at 1.5%

In the first part of the appendix, for each scenario we show the treatment decisions that follow from the analysis on incremental costs and effects. This is illustrated by a colour coded 2x2 grid with the woman's age represented on the vertical axis and treatment cycles on the horizontal axis. Where the grid is shaded green it indicates that treatment cycle for a woman of that age is cost-effective using a £20,000 willingness to pay for a QALY threshold and should be funded. Where the grid is shaded yellow, indicates that treatment is cost-effective only if a higher £30,000 willingness to pay for a QALY threshold is used. Conversely, where the grid is shaded red it means that treatment is not cost-effective and should not be funded.

In the cumulative live birth rates we use the following key:

Strategies

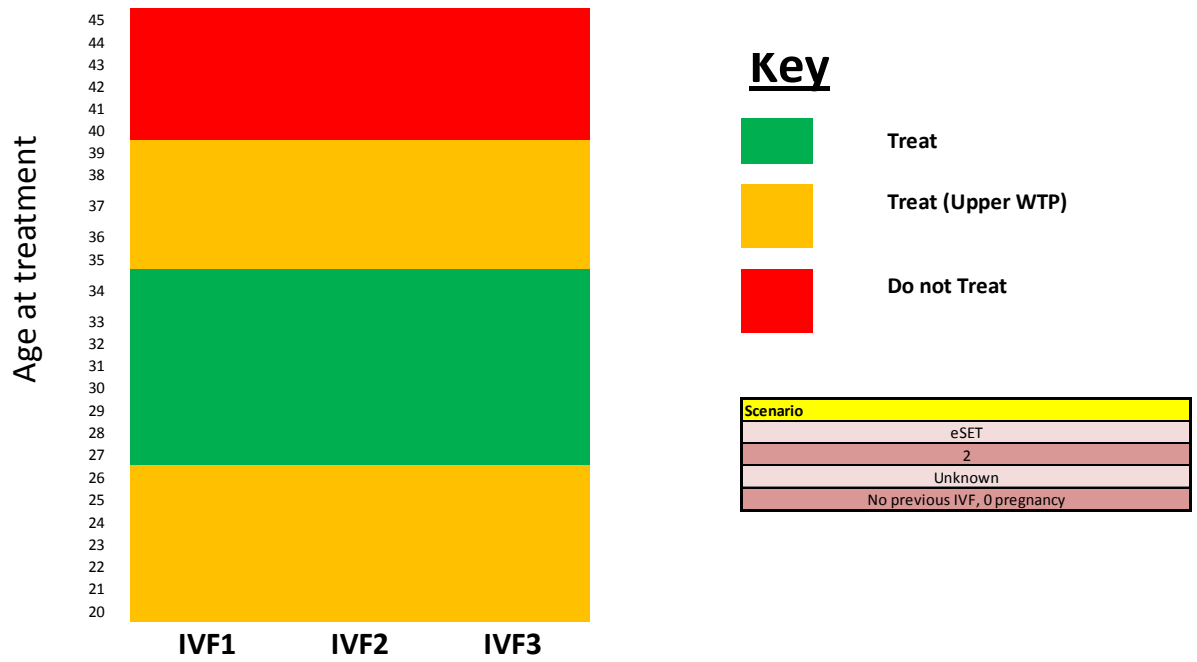
IVF1 = One cycle of IVF, followed by EM for the remainder of the woman's reproductive life if one full cycle of IVF was unsuccessful

IVF2 = Up to two cycles of IVF, followed by EM for the remainder of the woman's reproductive life if the two cycles of IVF were unsuccessful

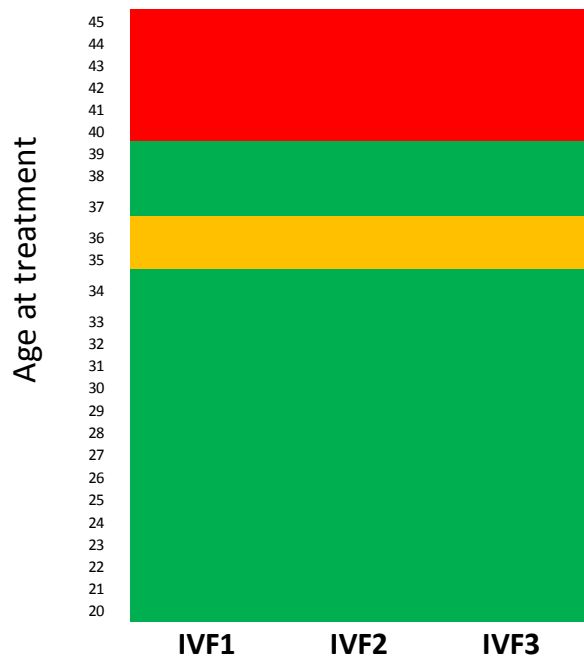
IVF3 = Up to three cycles of IVF, followed by EM for the remainder of the woman's reproductive life if the three cycles of IVF were unsuccessful

At the end of the appendix we show summary lists of cost-effectiveness for the different scenarios. Whilst this presentation makes it easier to appreciate the overall cost-effectiveness of different scenarios it does not indicate the number of cycles that should be provided but rather whether the women in whom some IVF treatment should be offered.

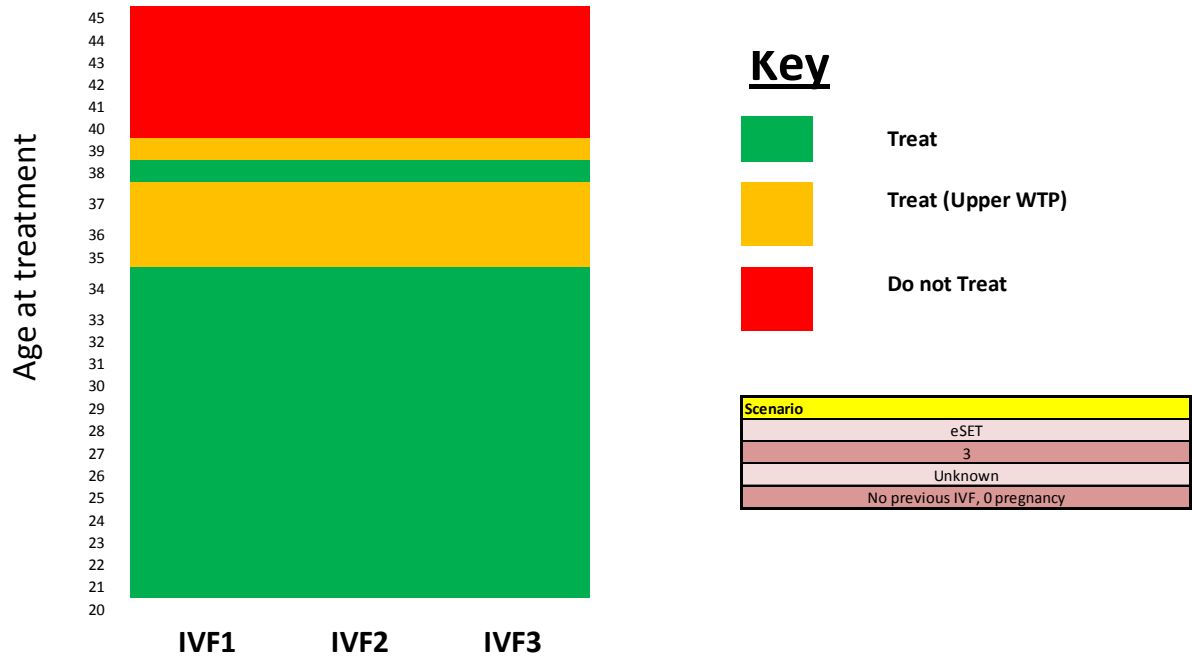
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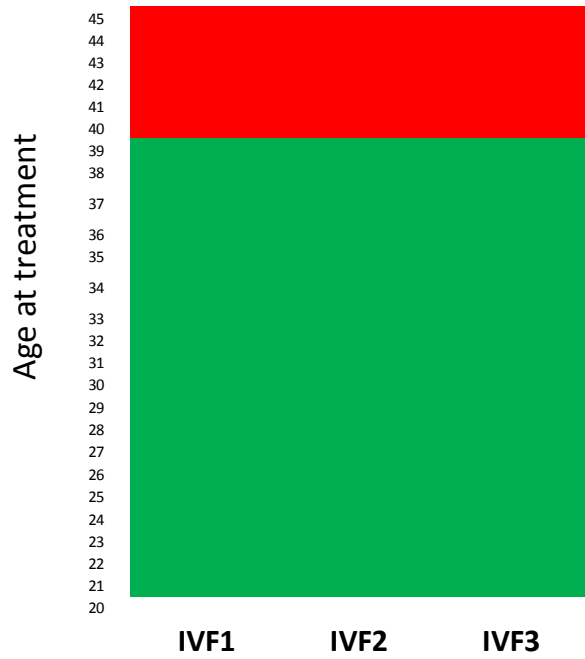
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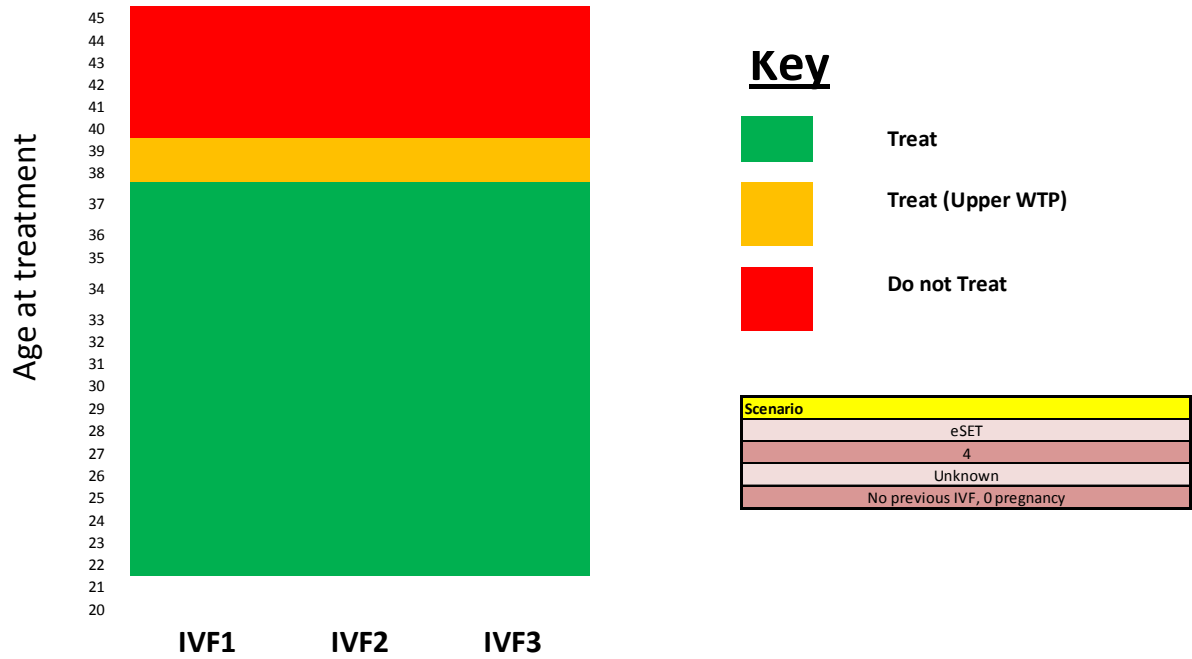
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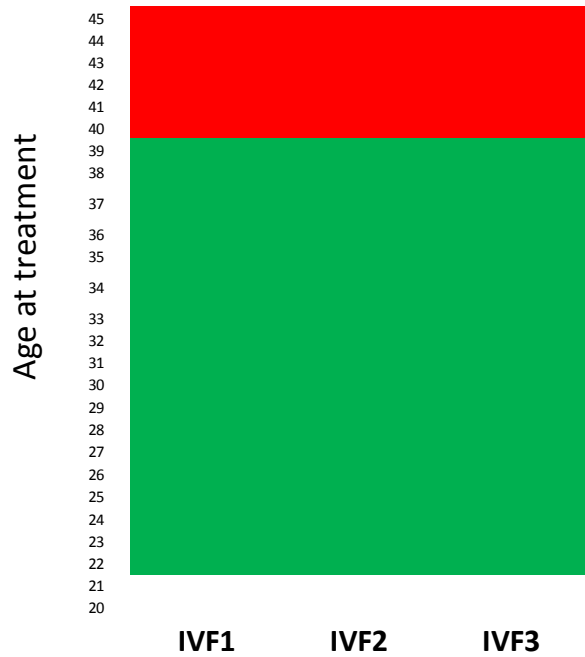
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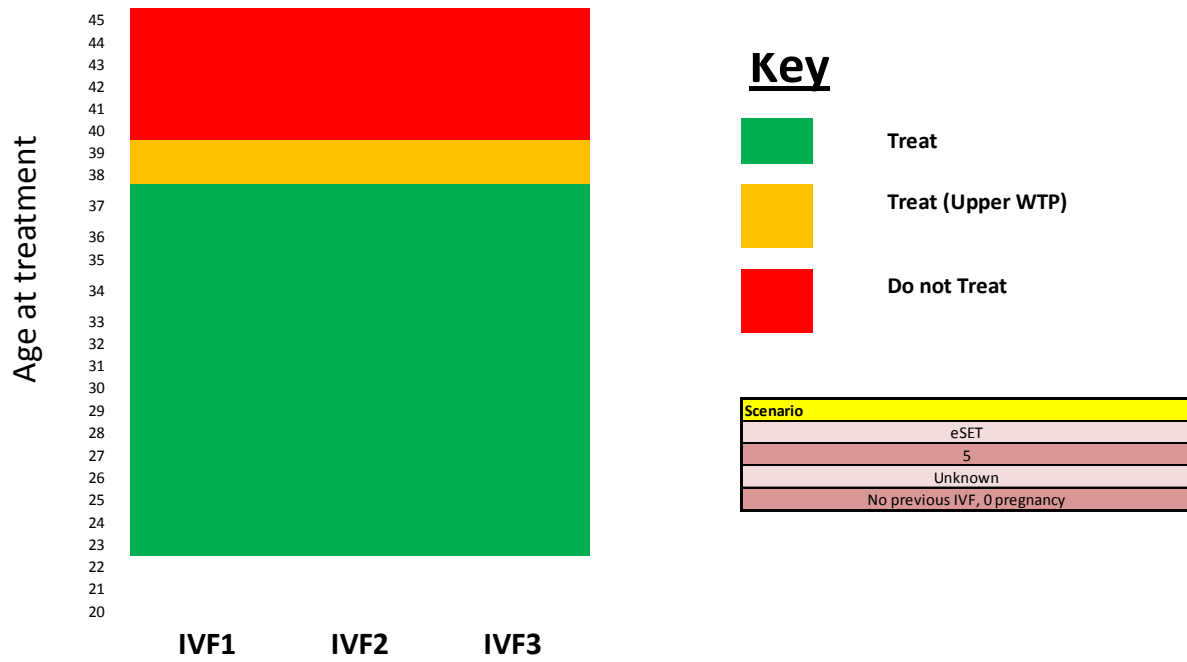
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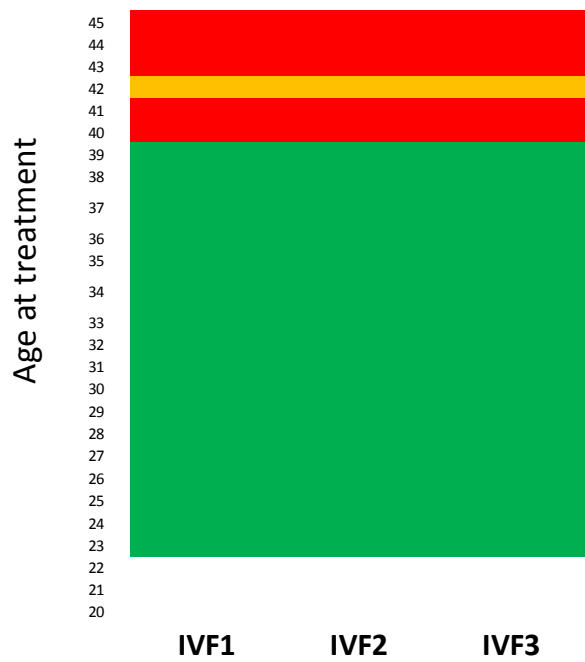
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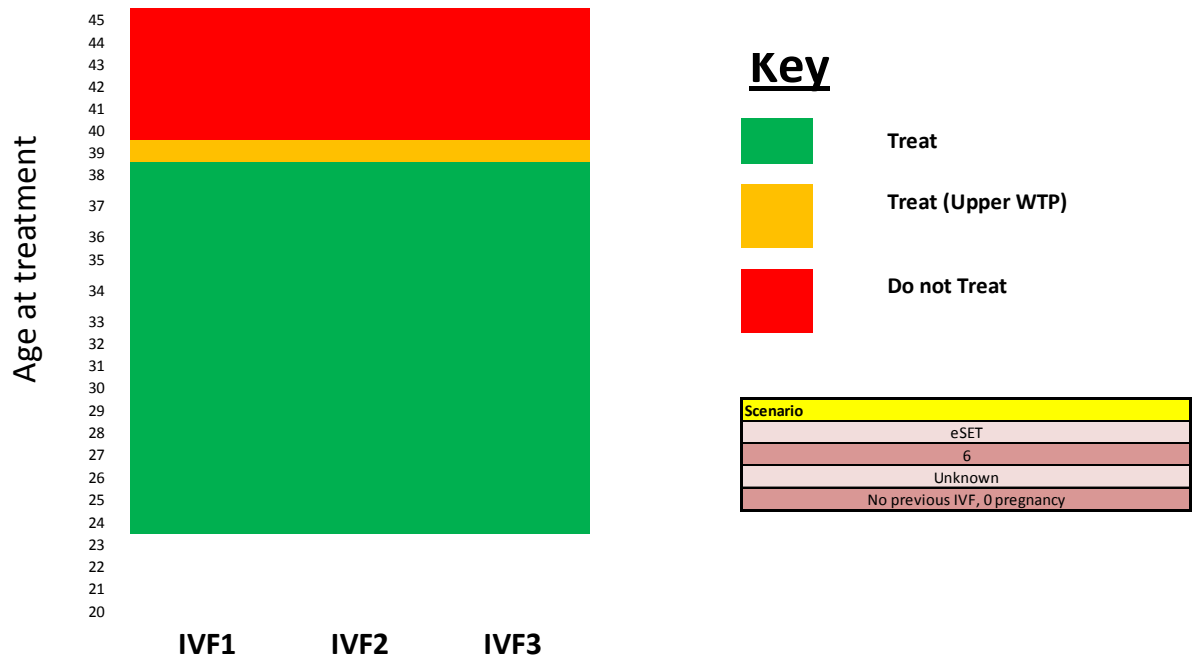
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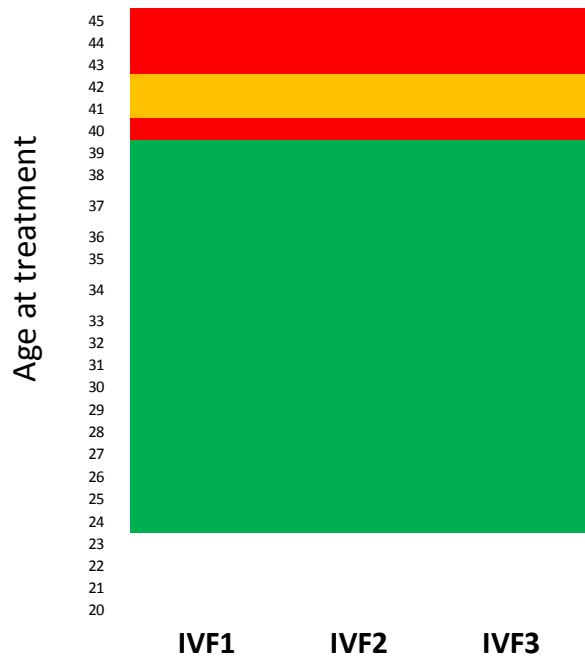
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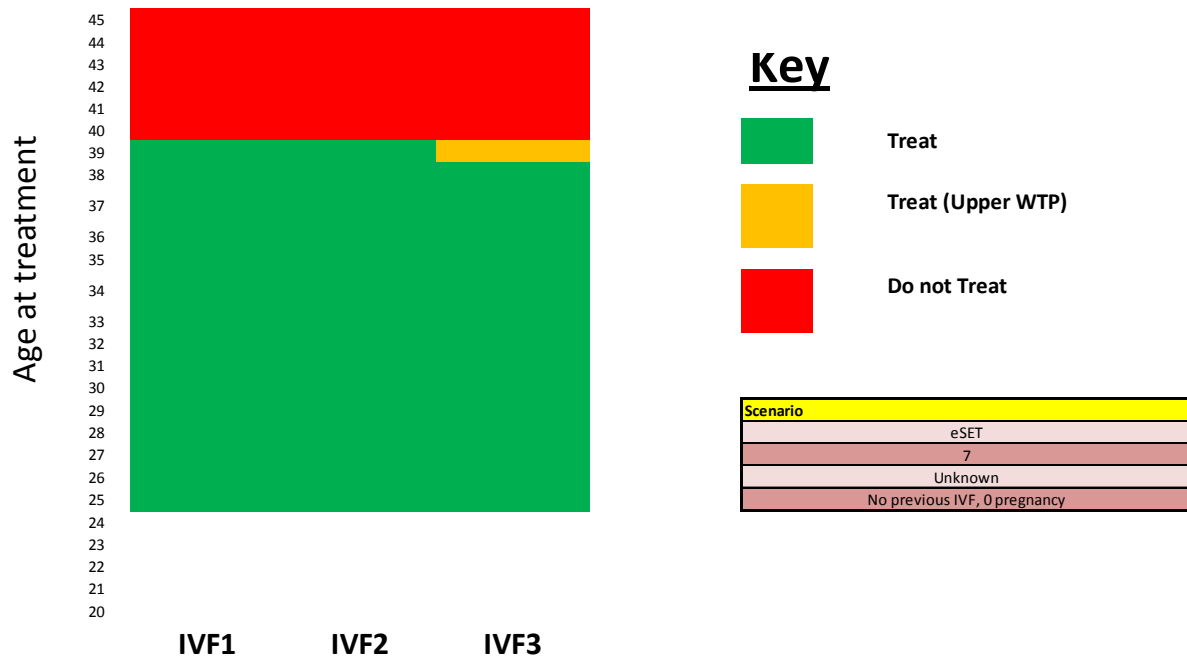
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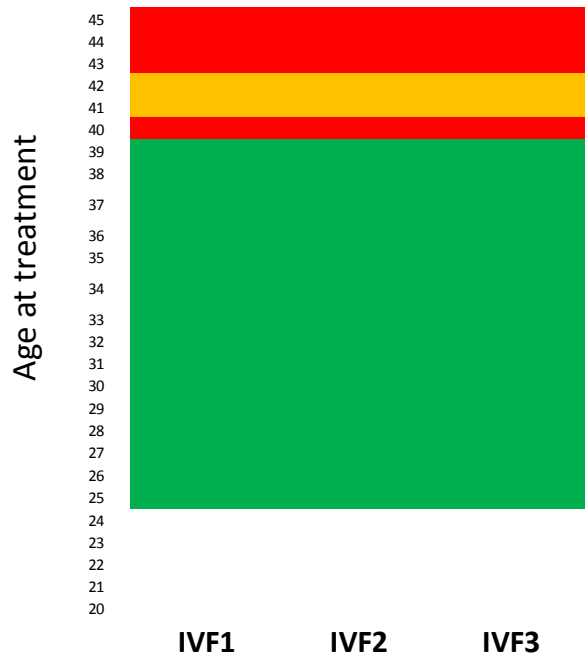
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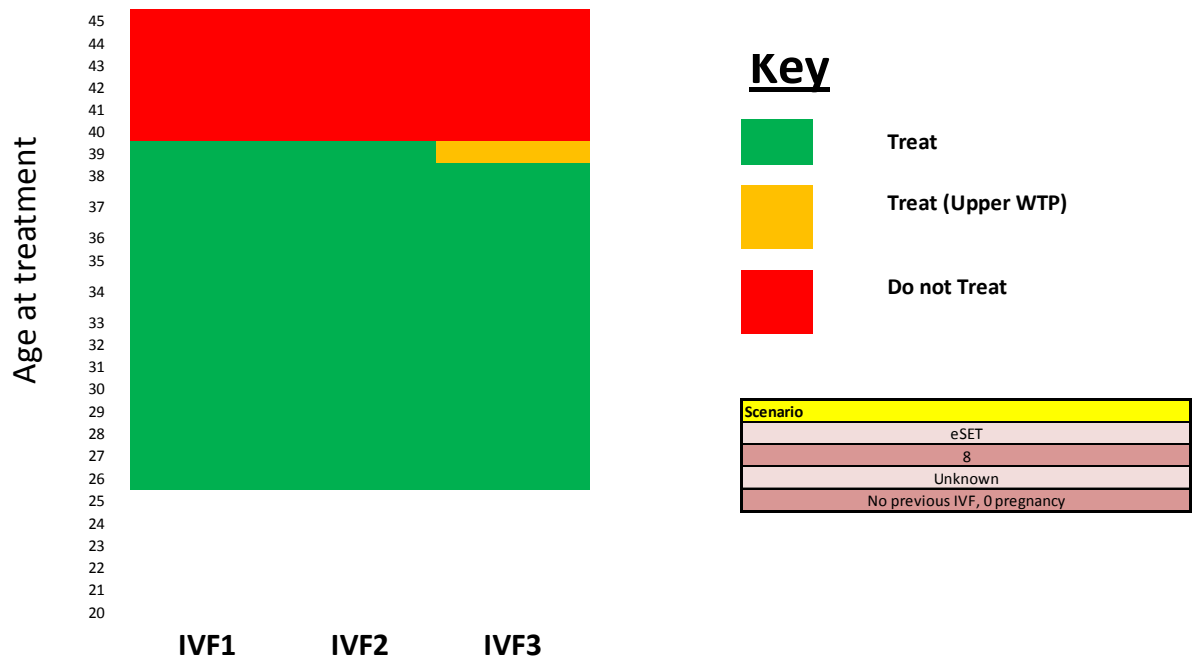
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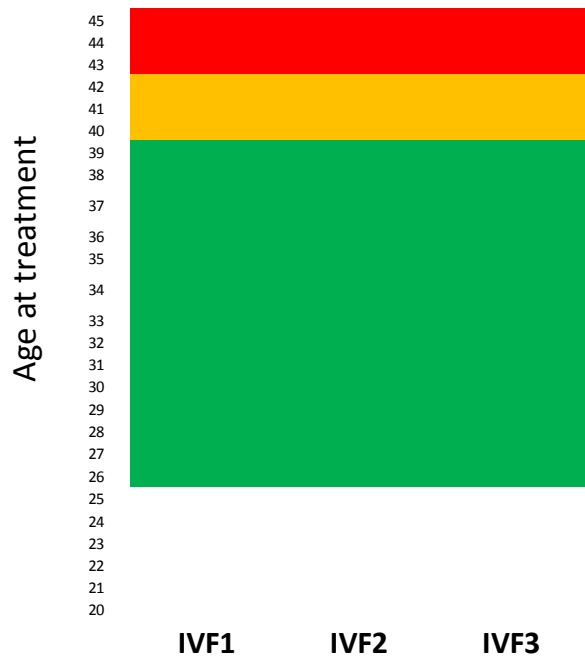
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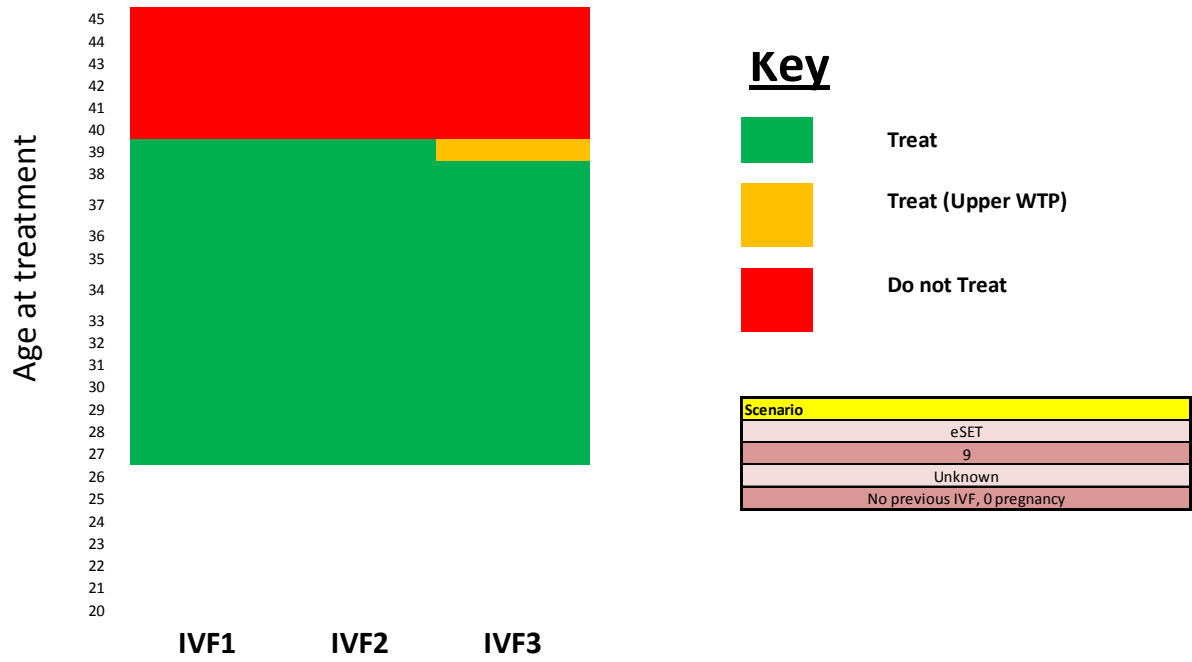
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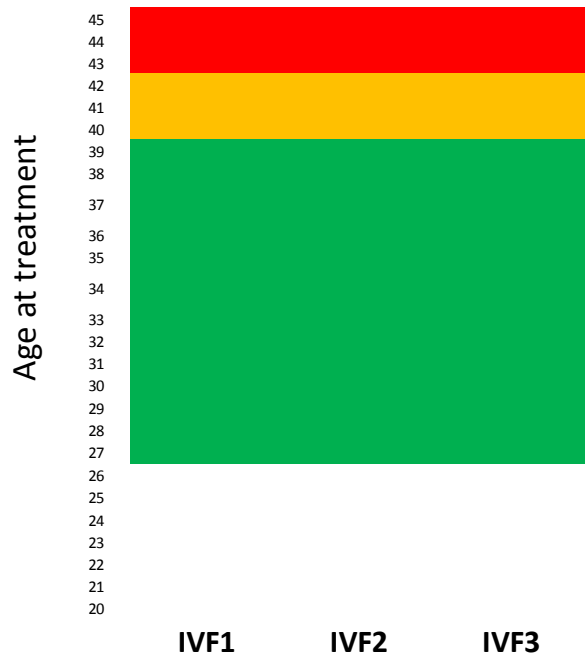
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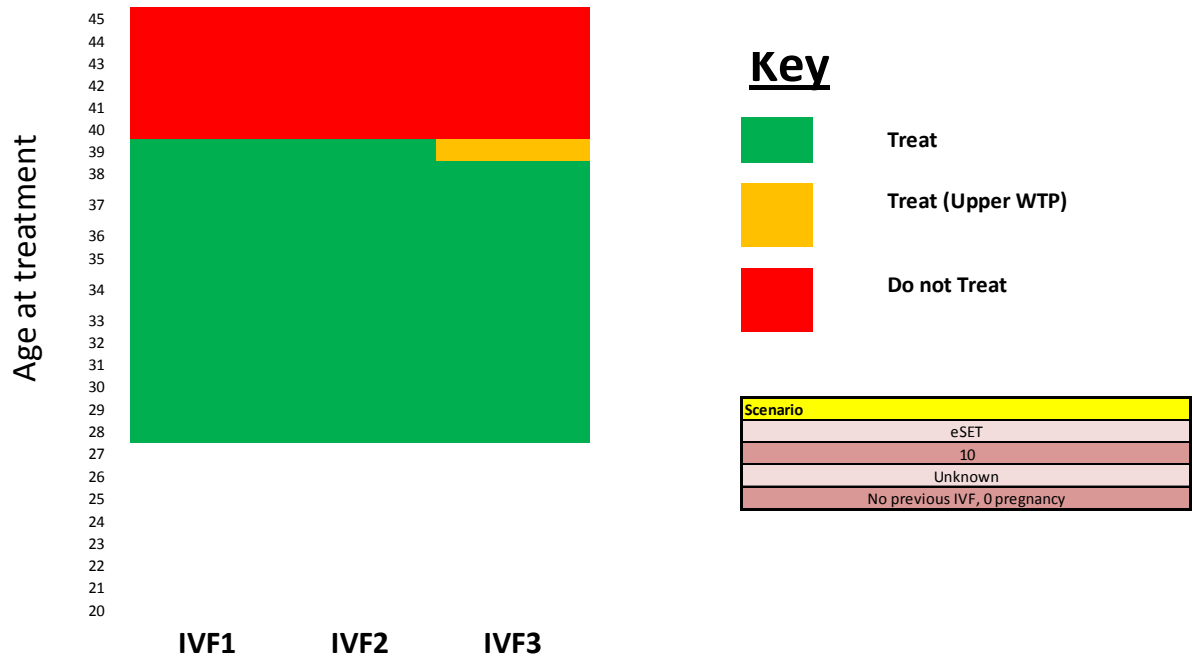
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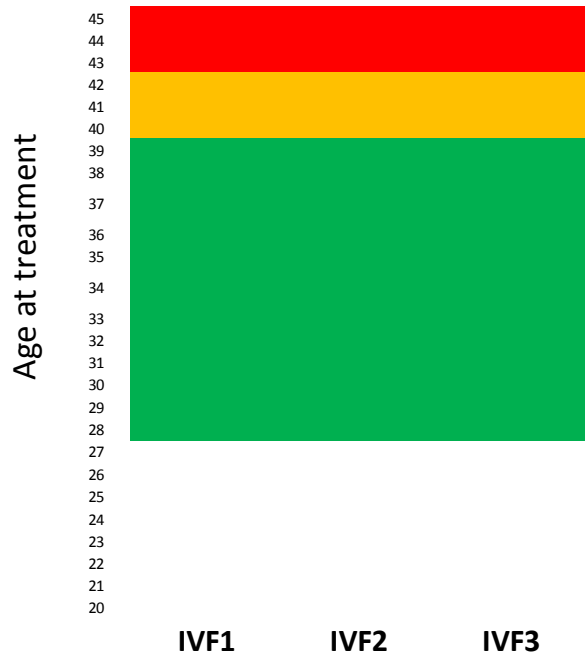
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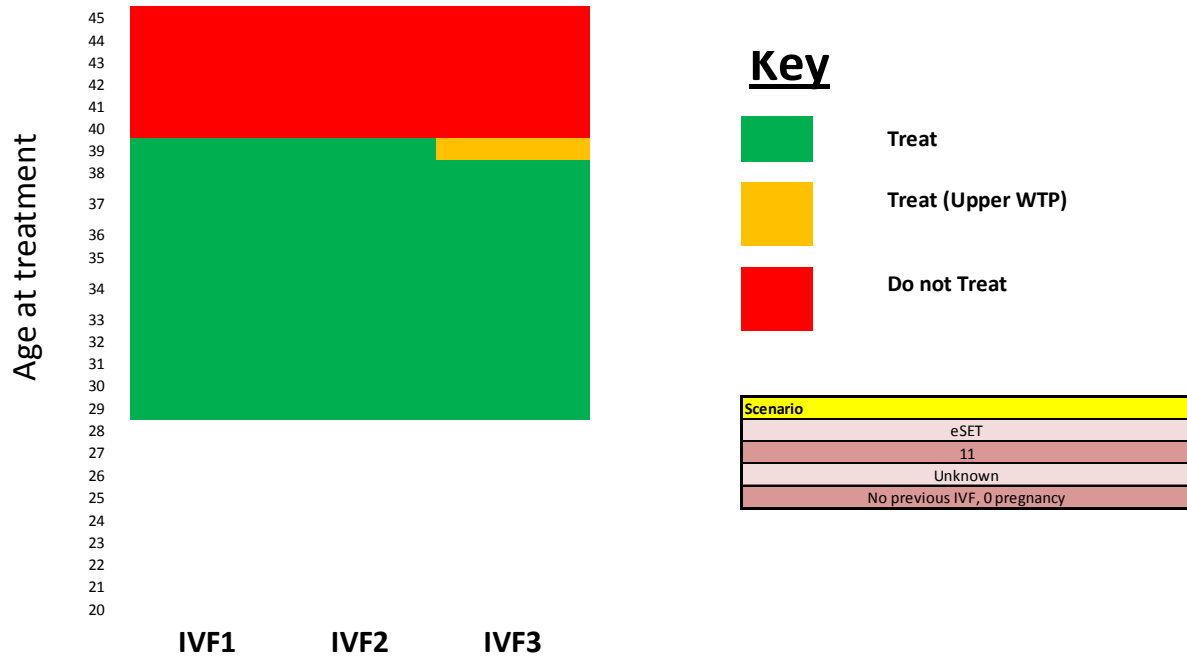
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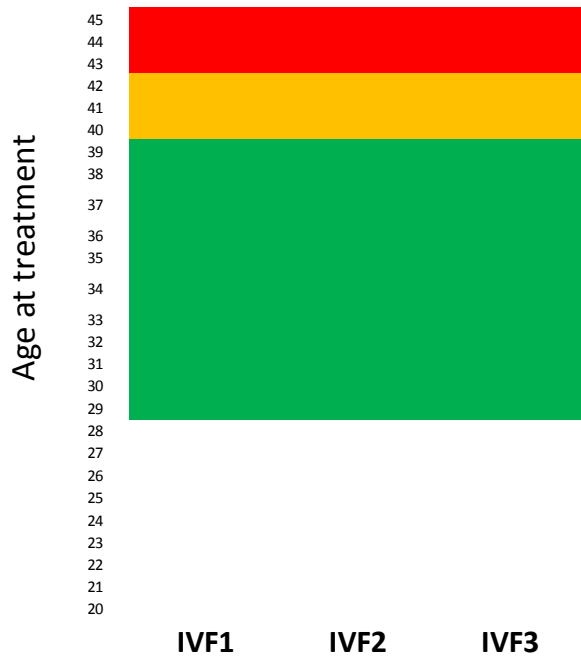
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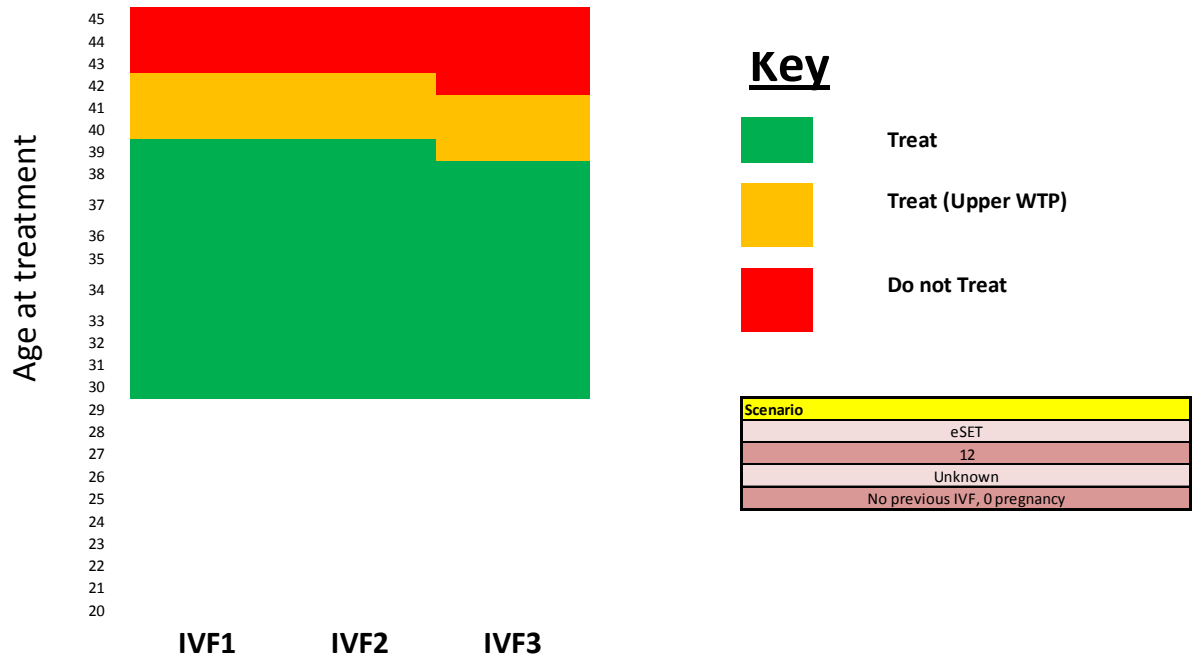
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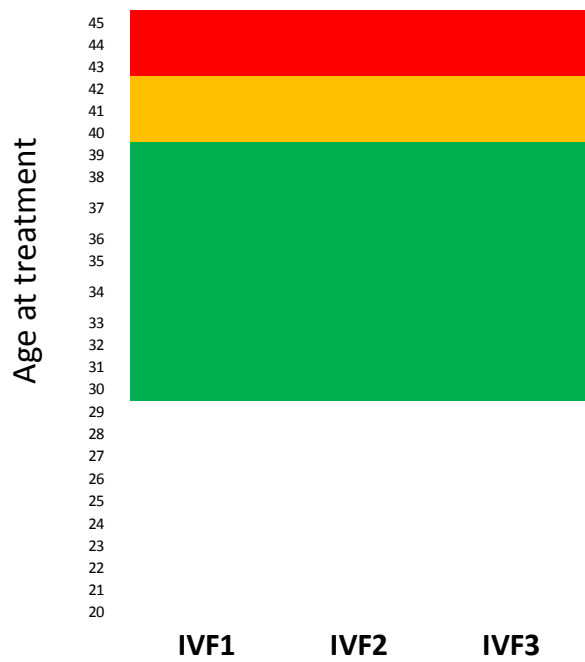
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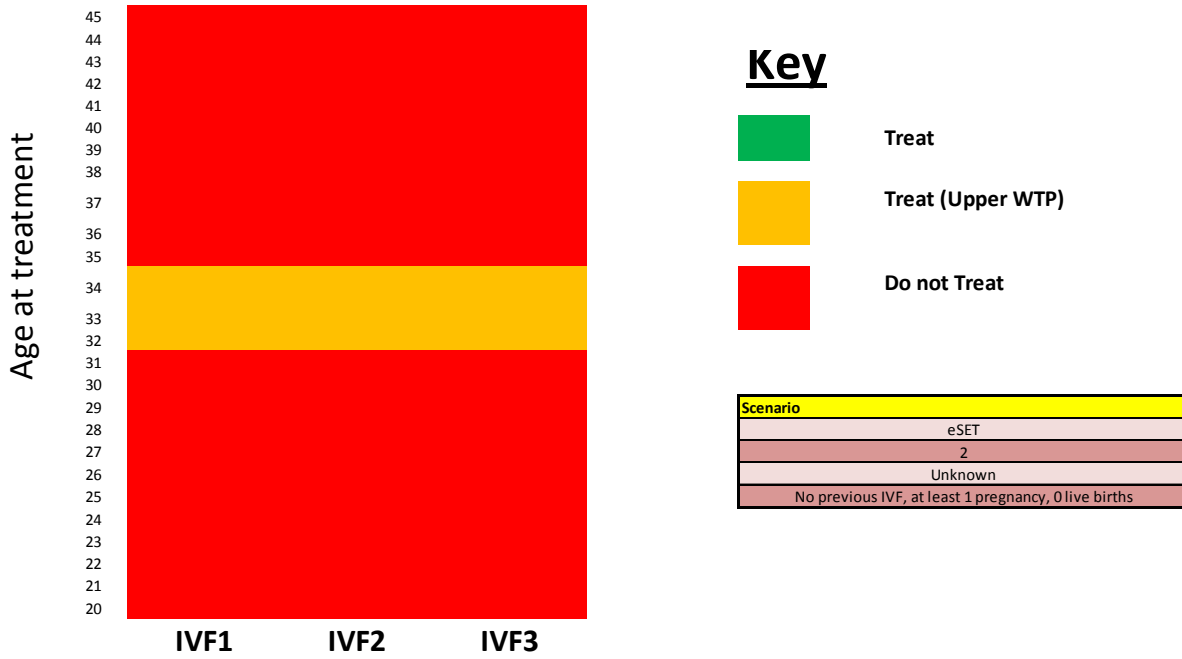
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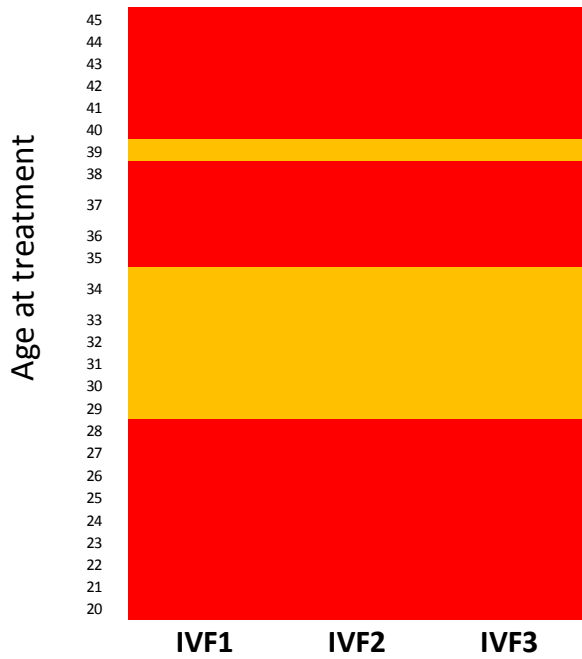
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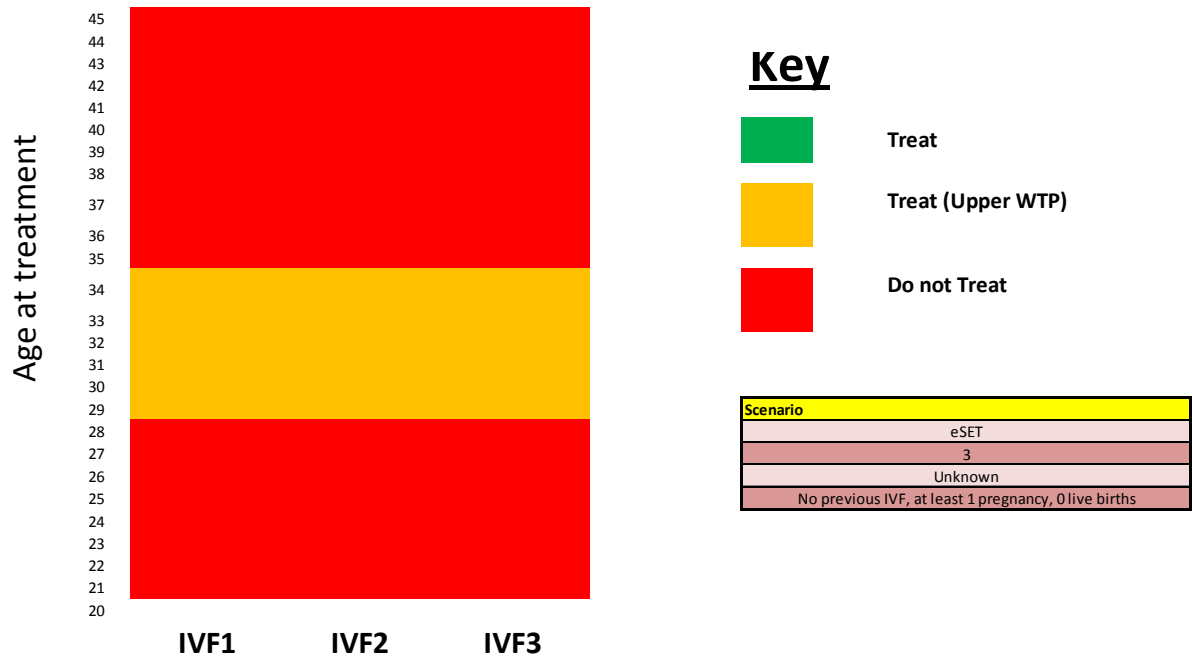
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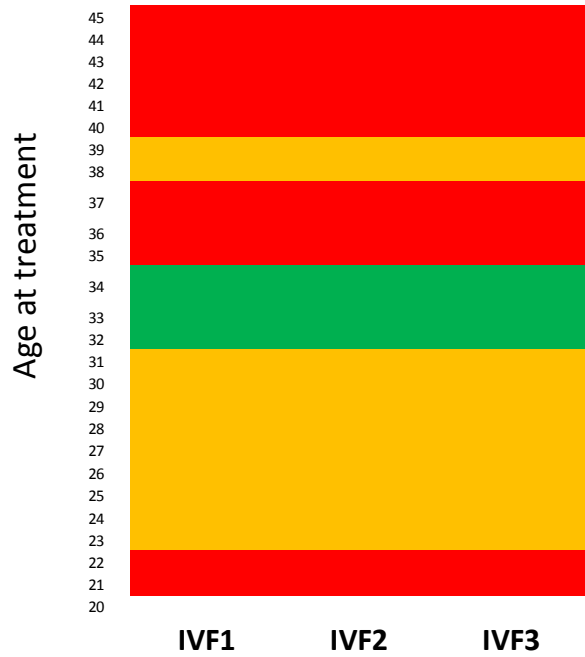
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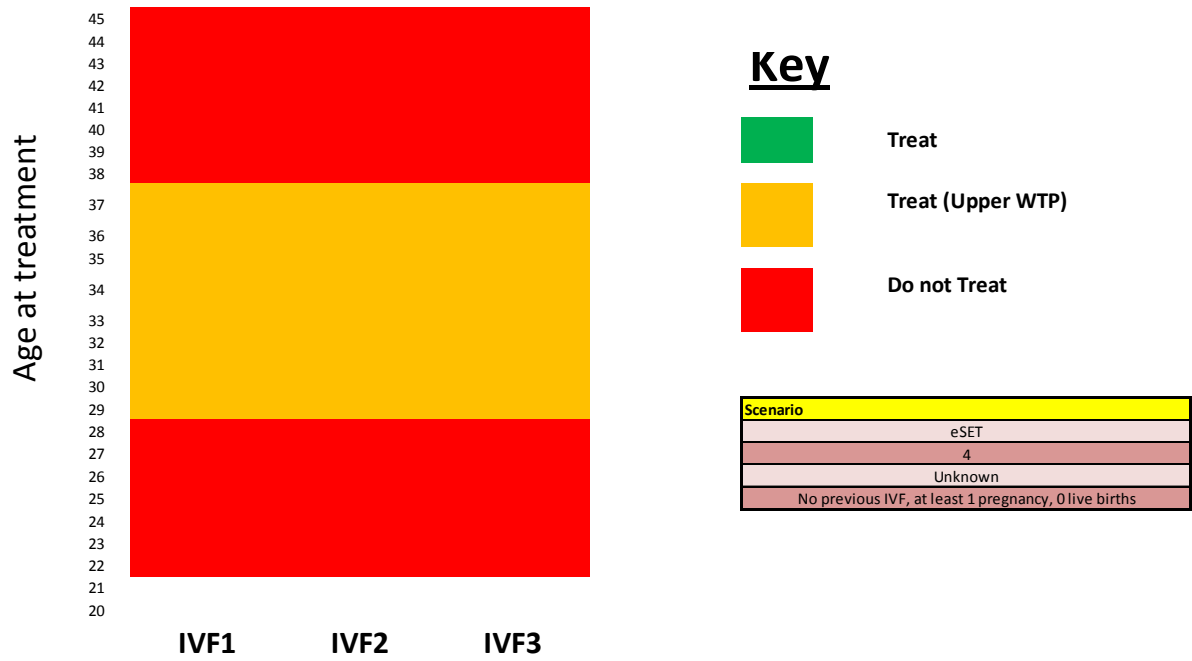
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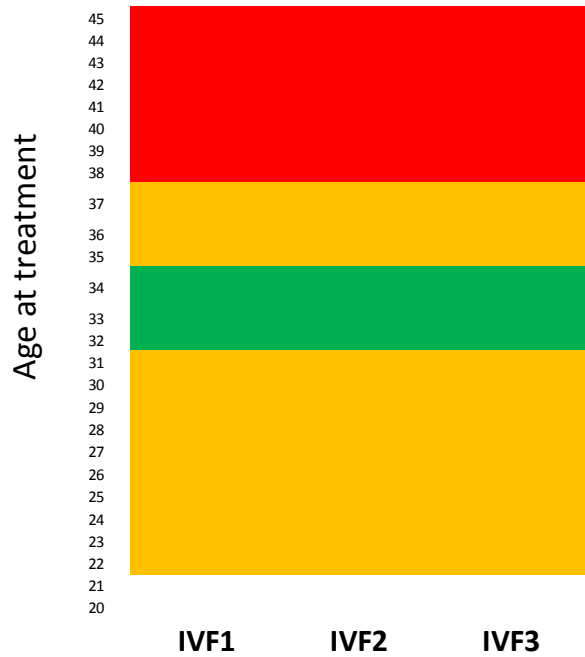
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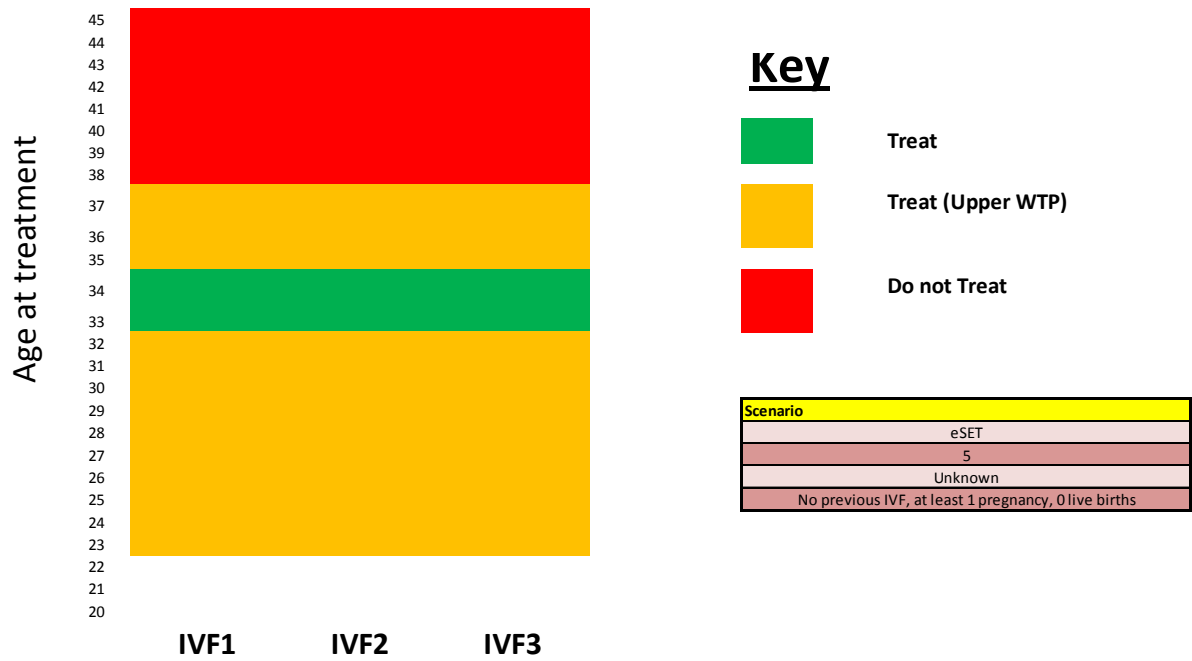
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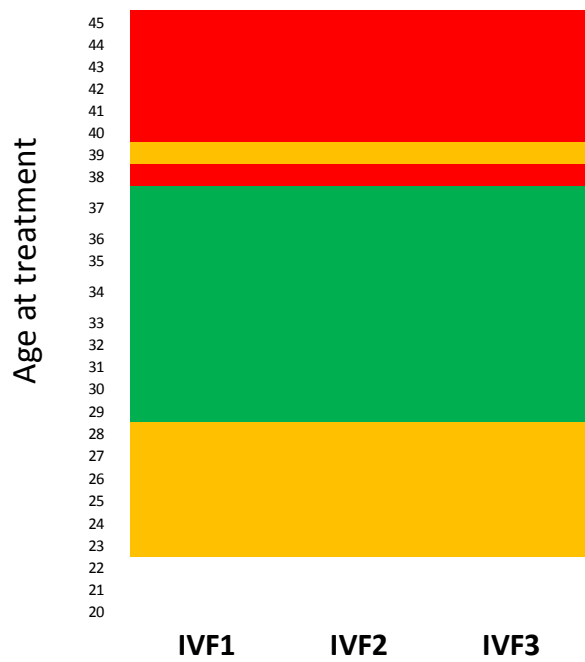
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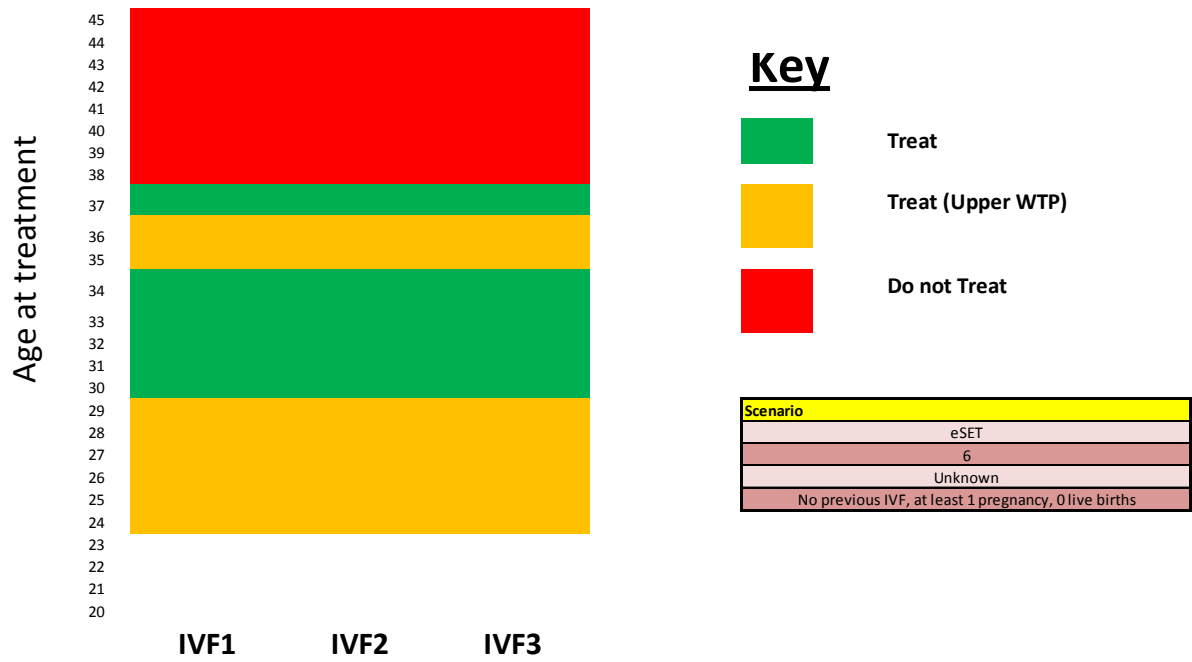
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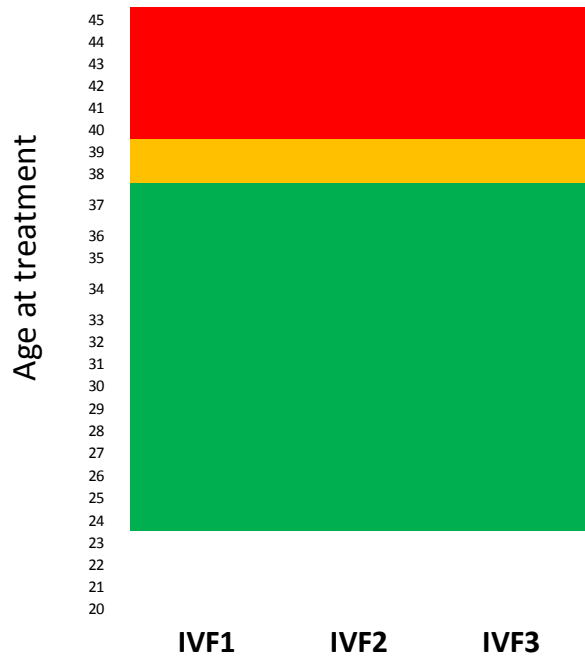
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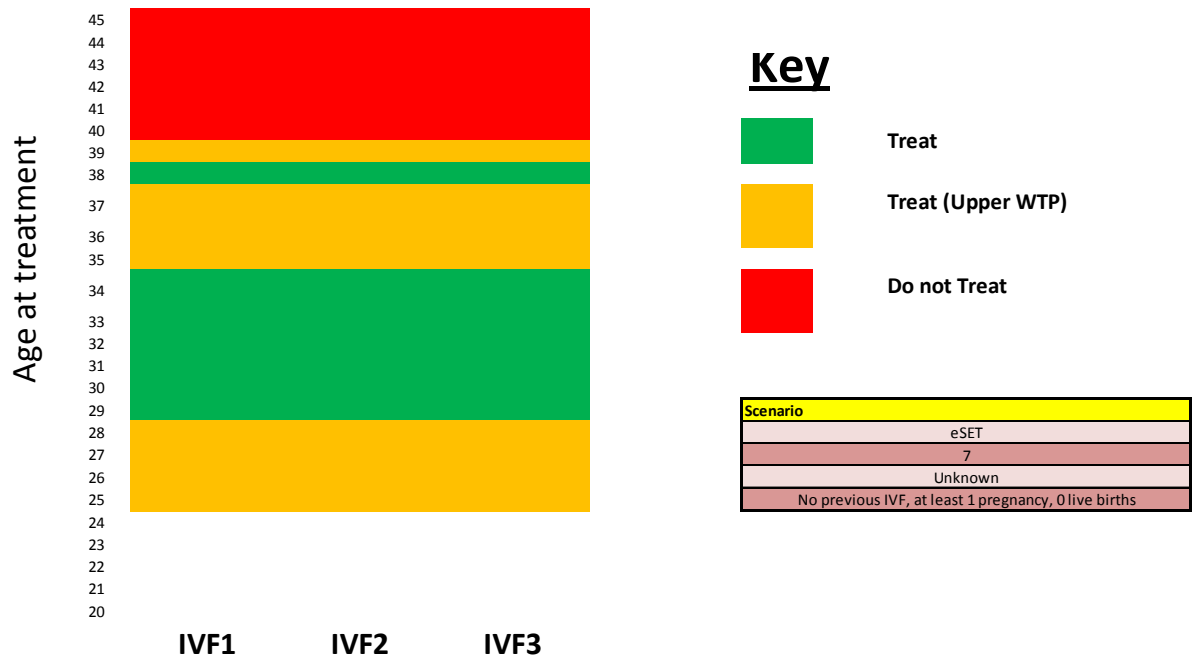
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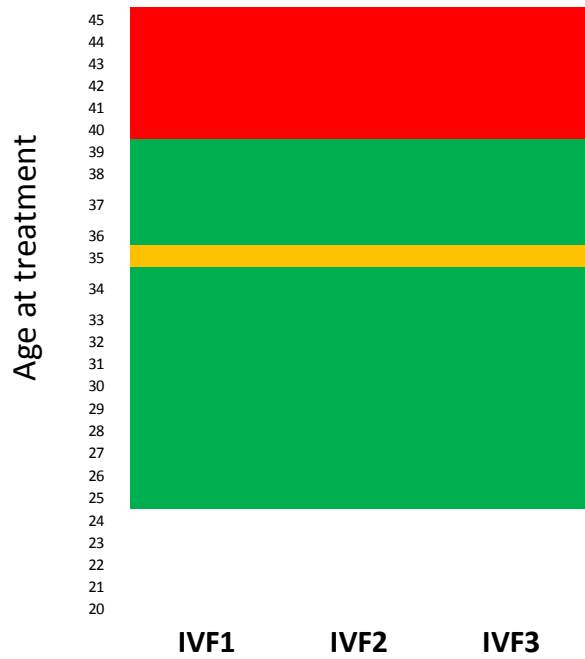
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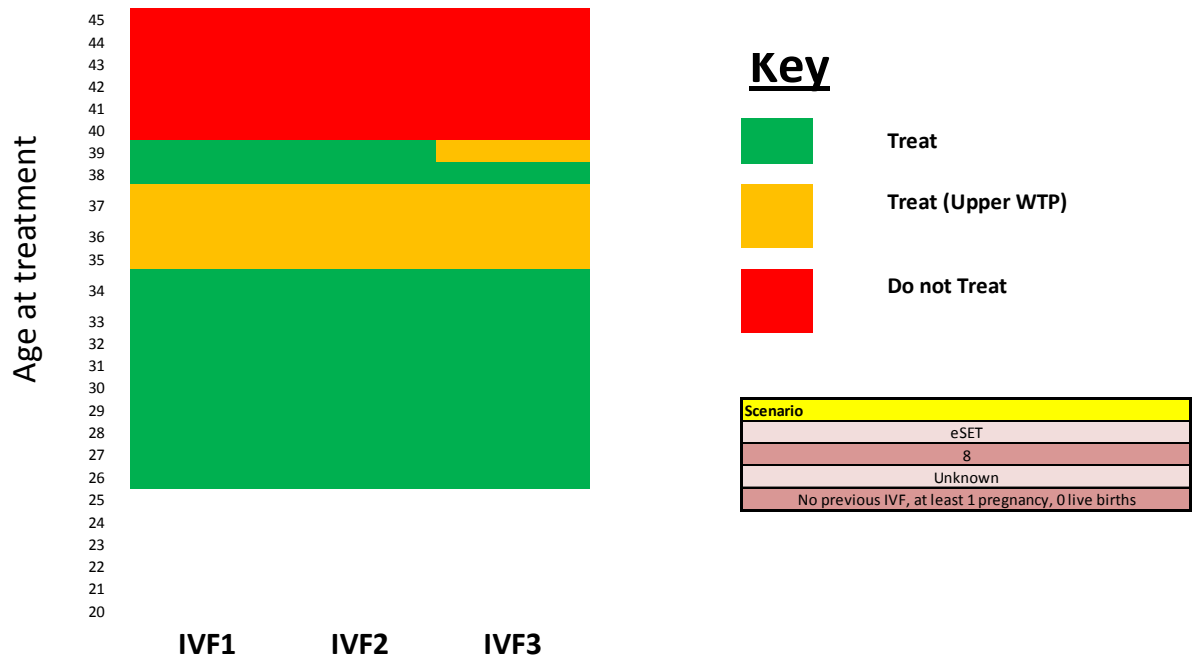
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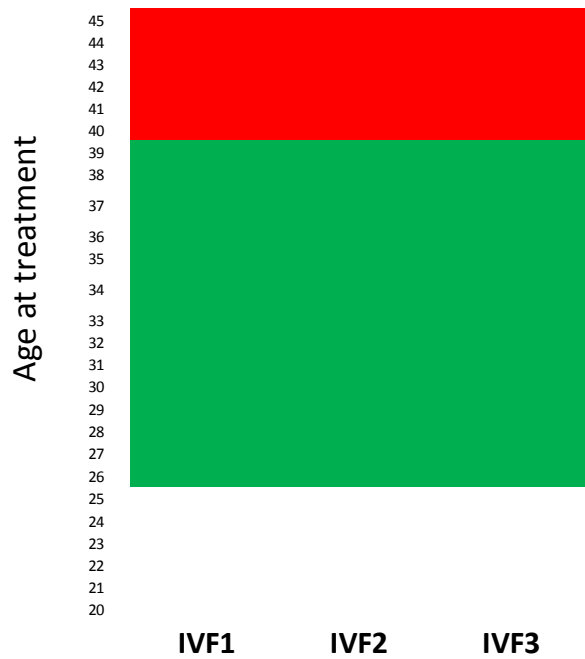
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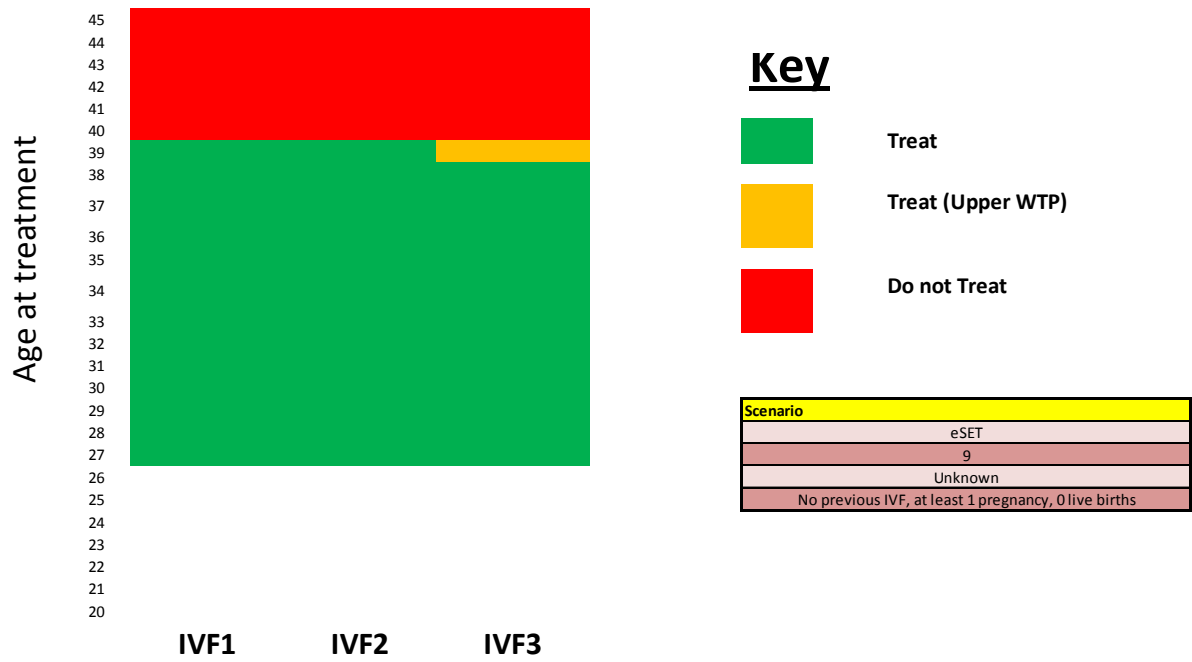
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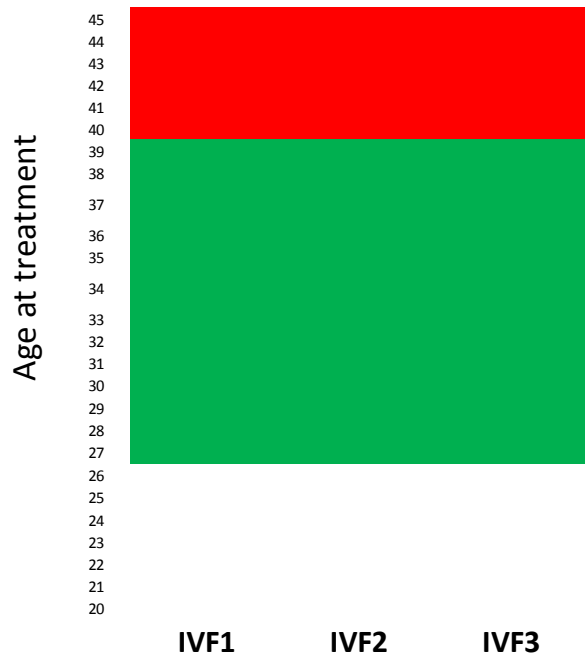
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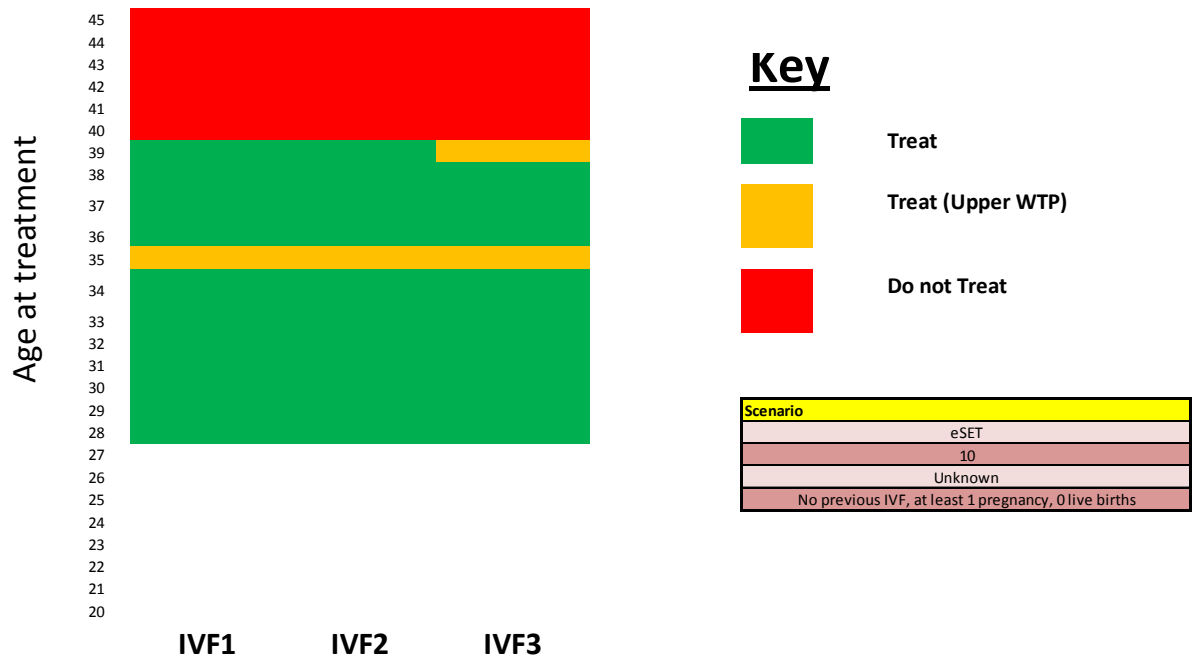
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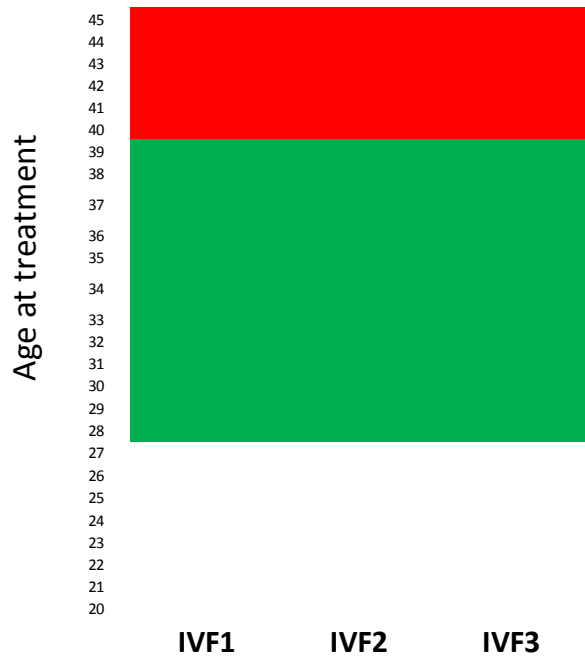
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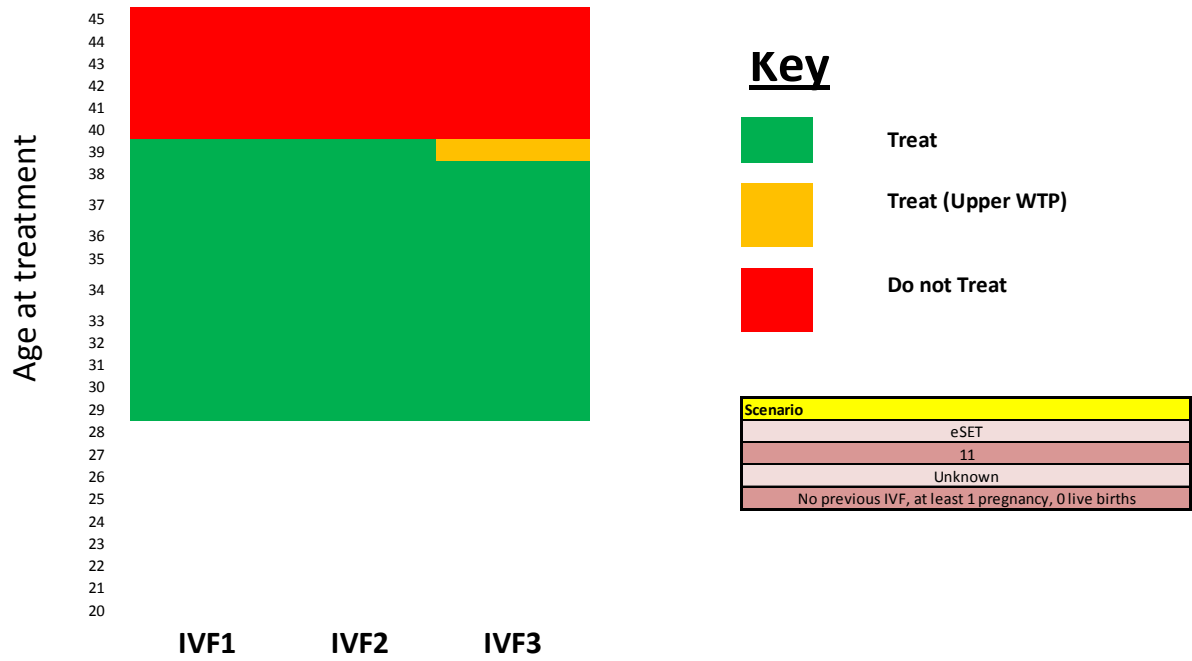
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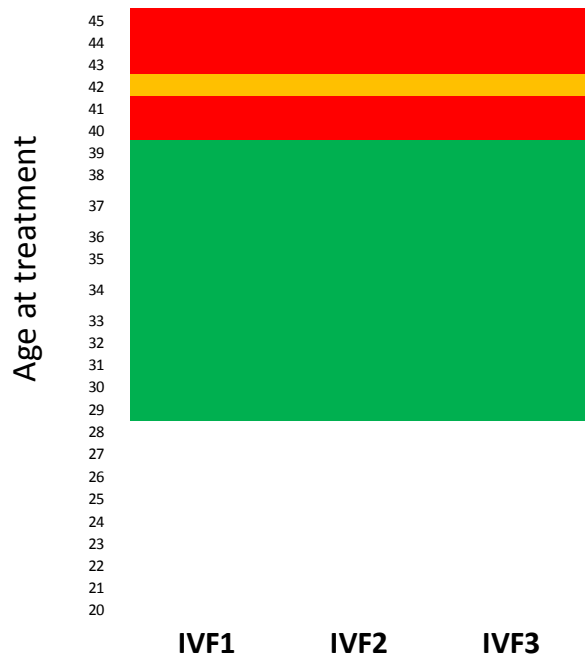
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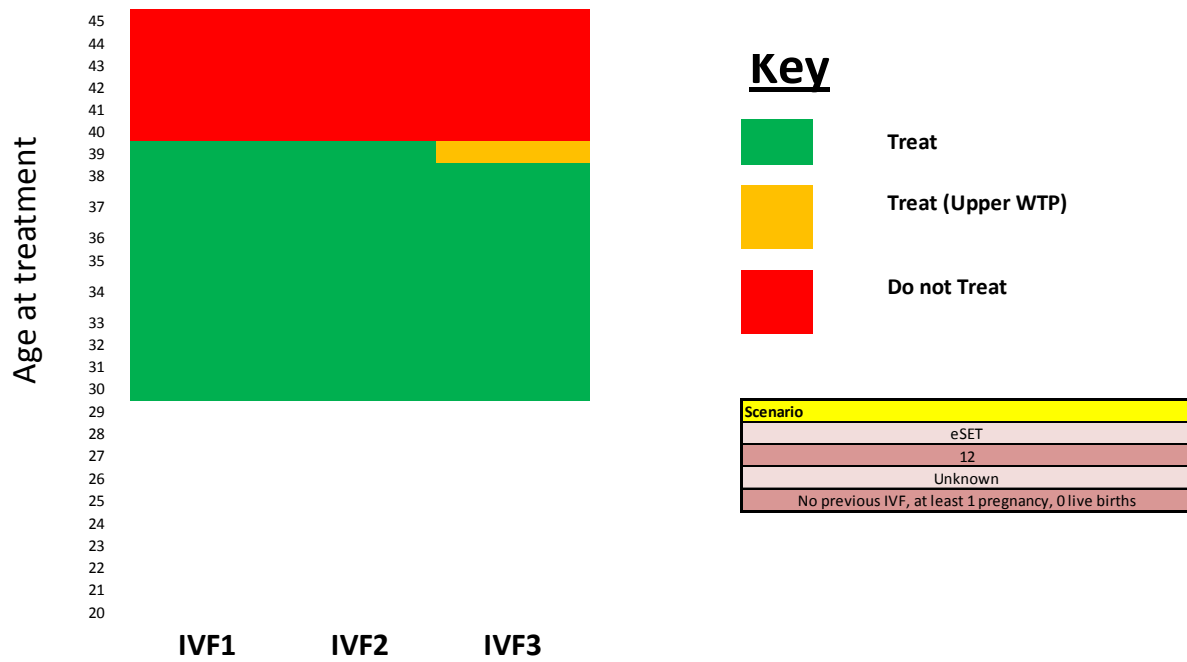
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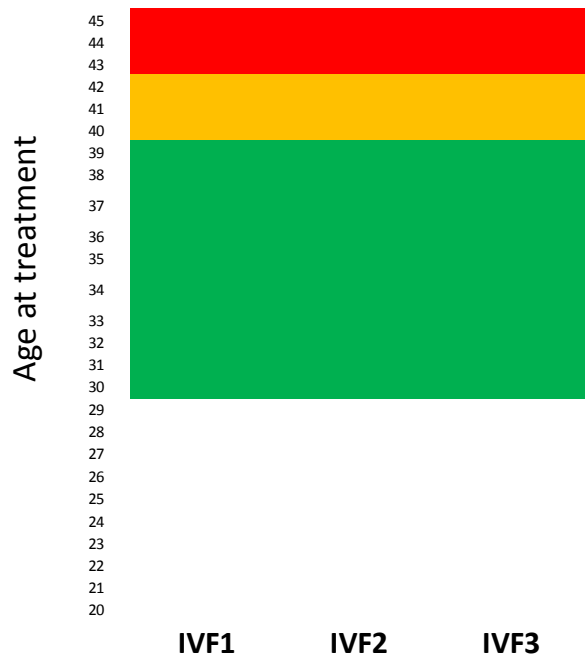
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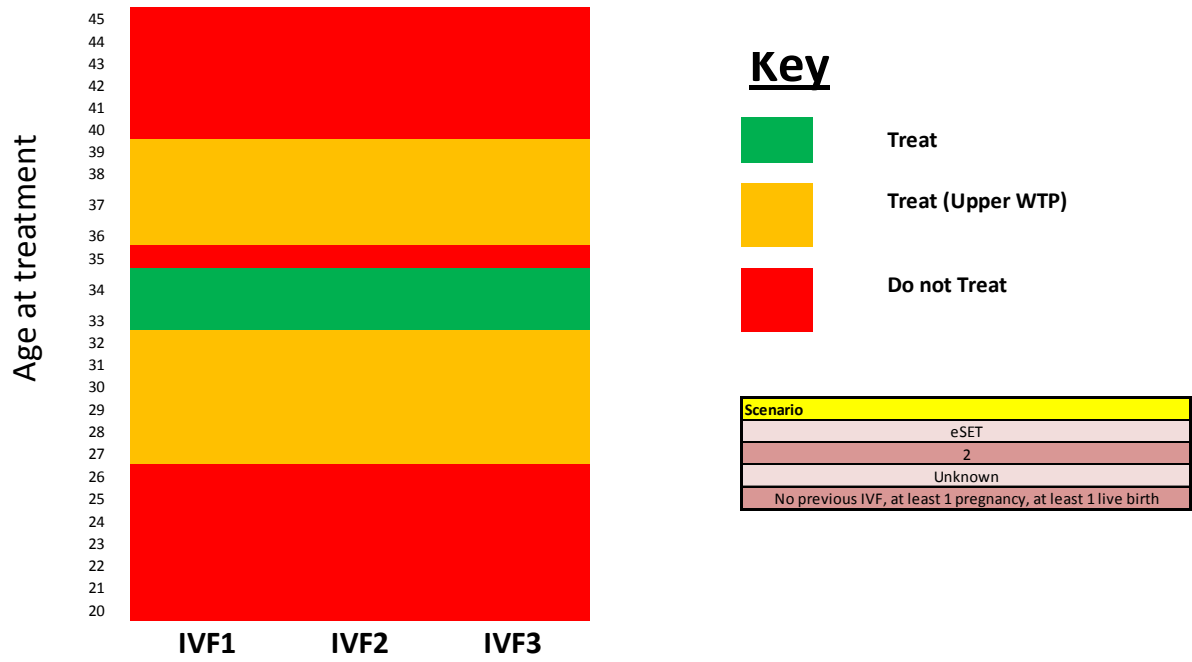
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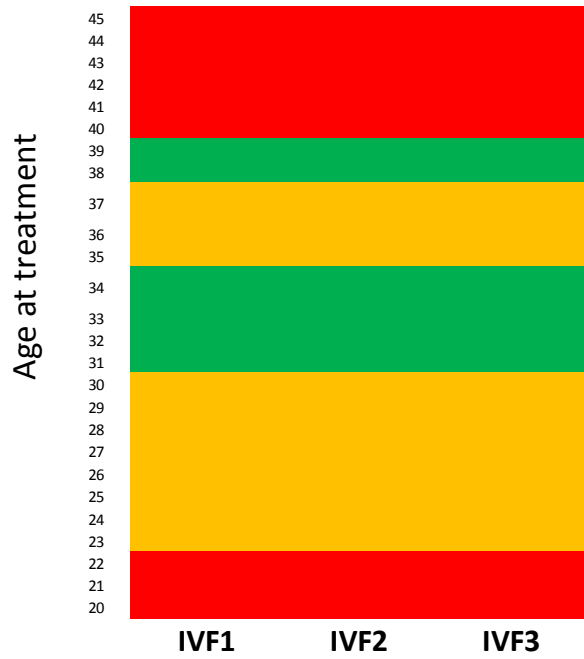
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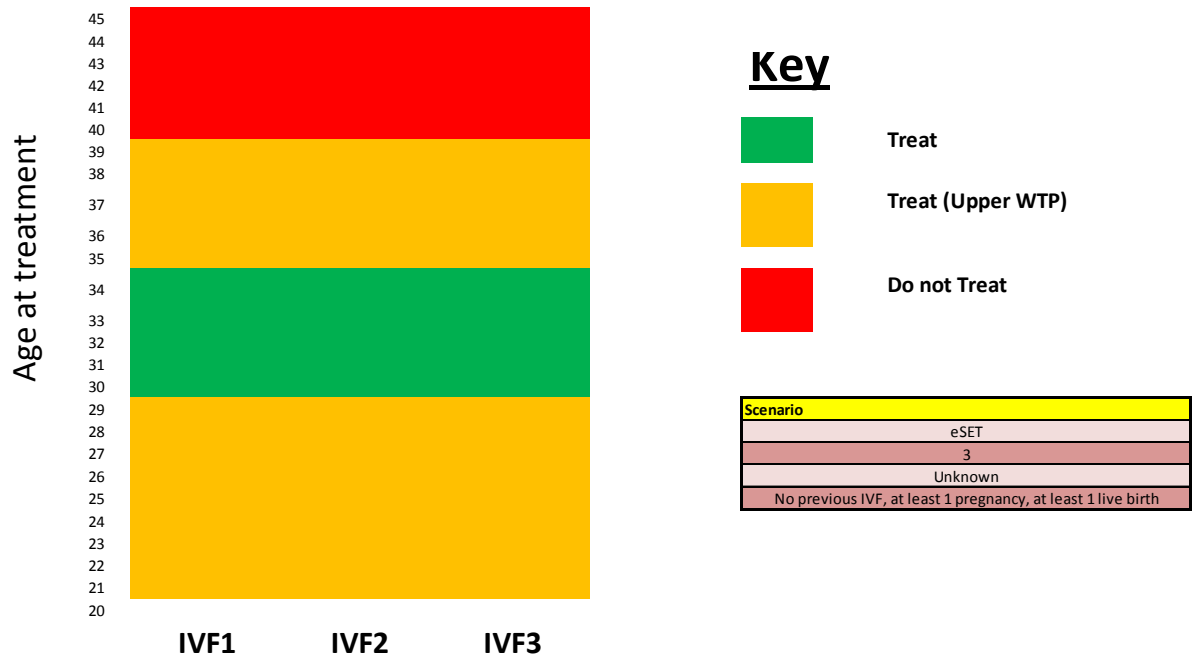
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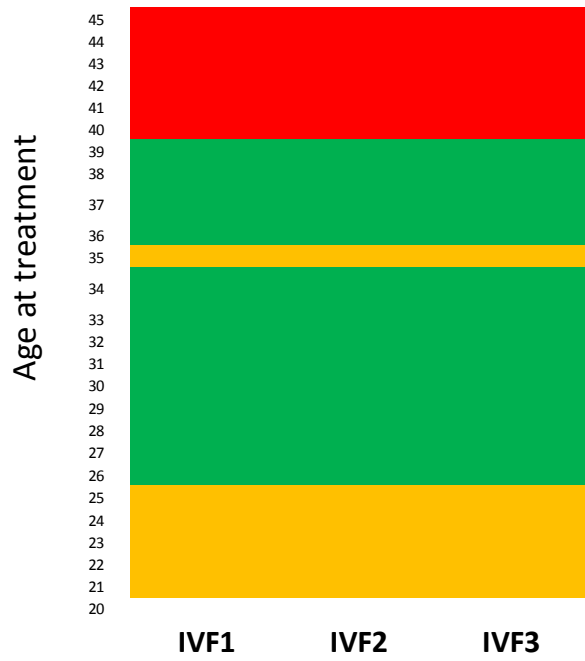
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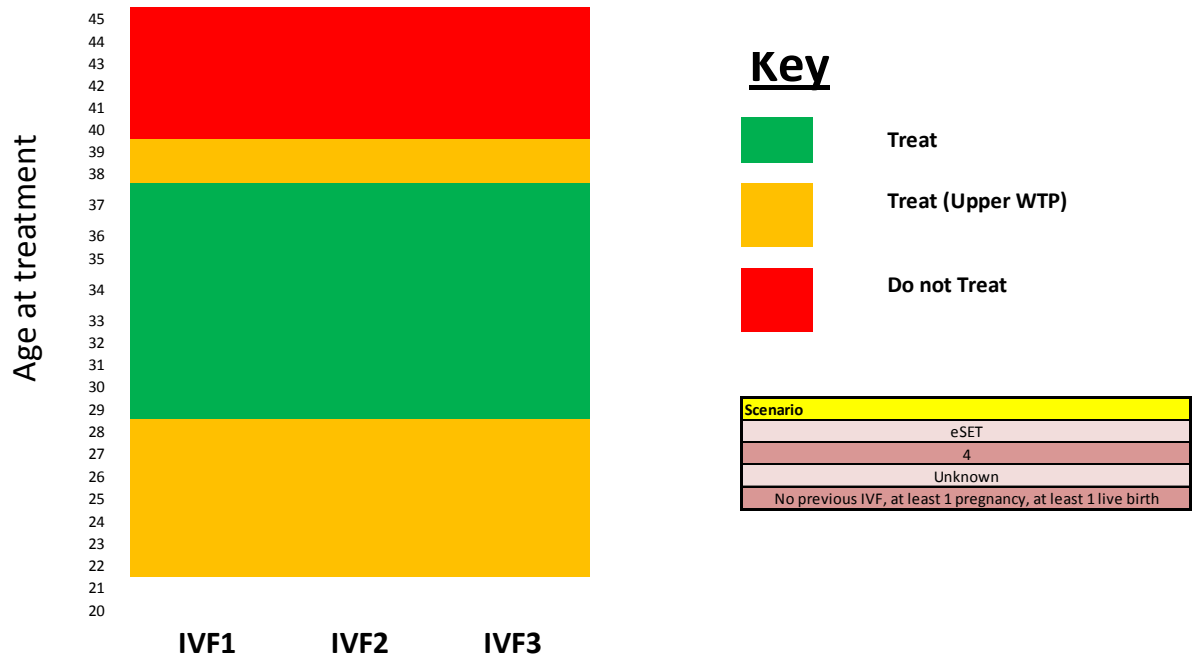
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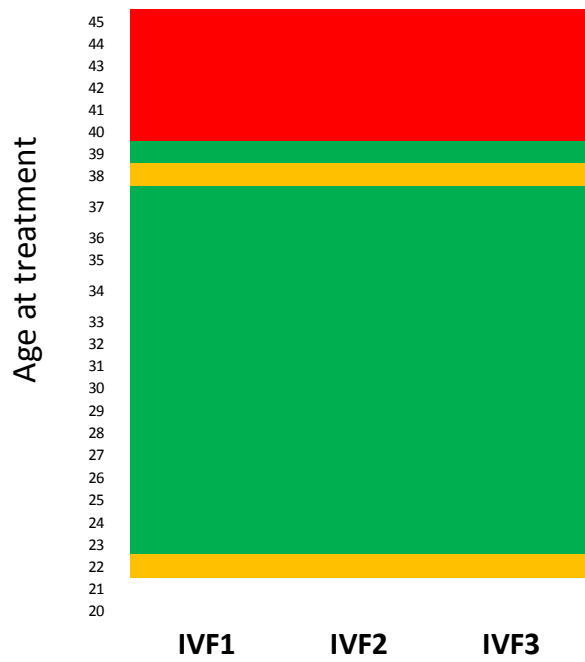
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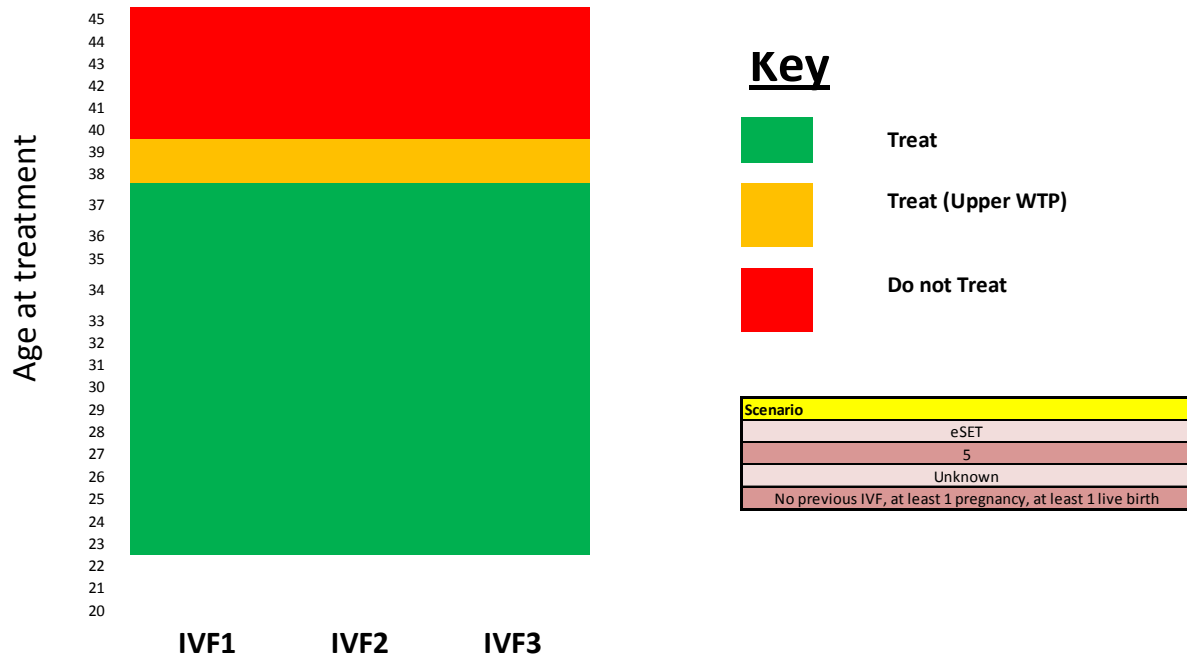
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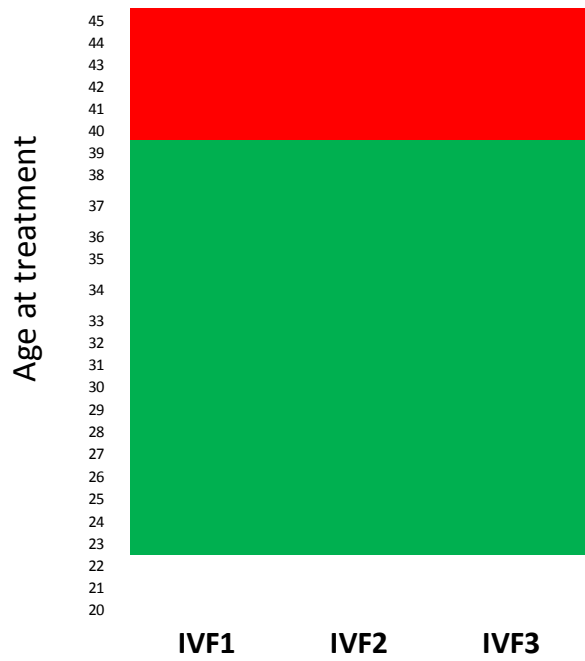
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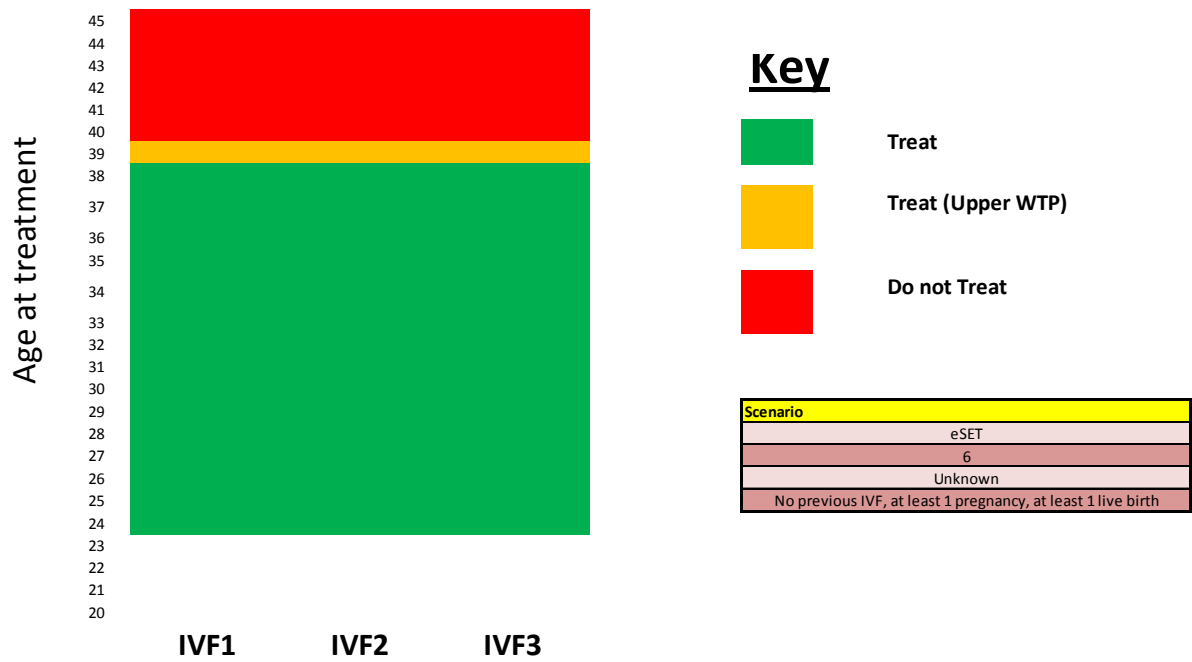
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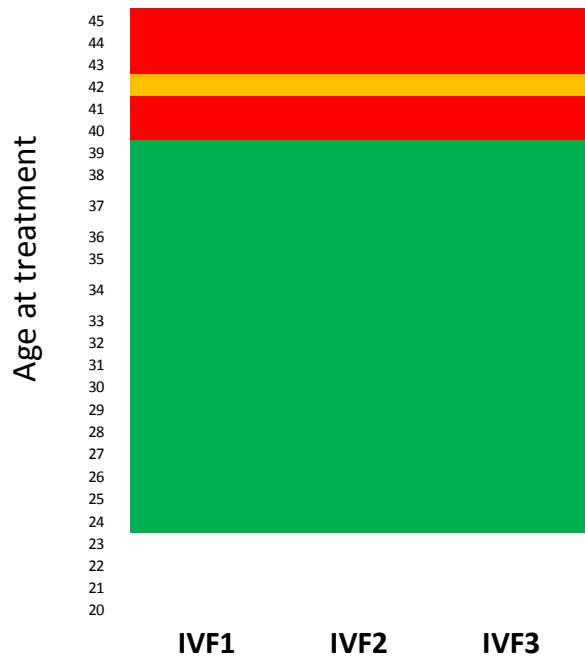
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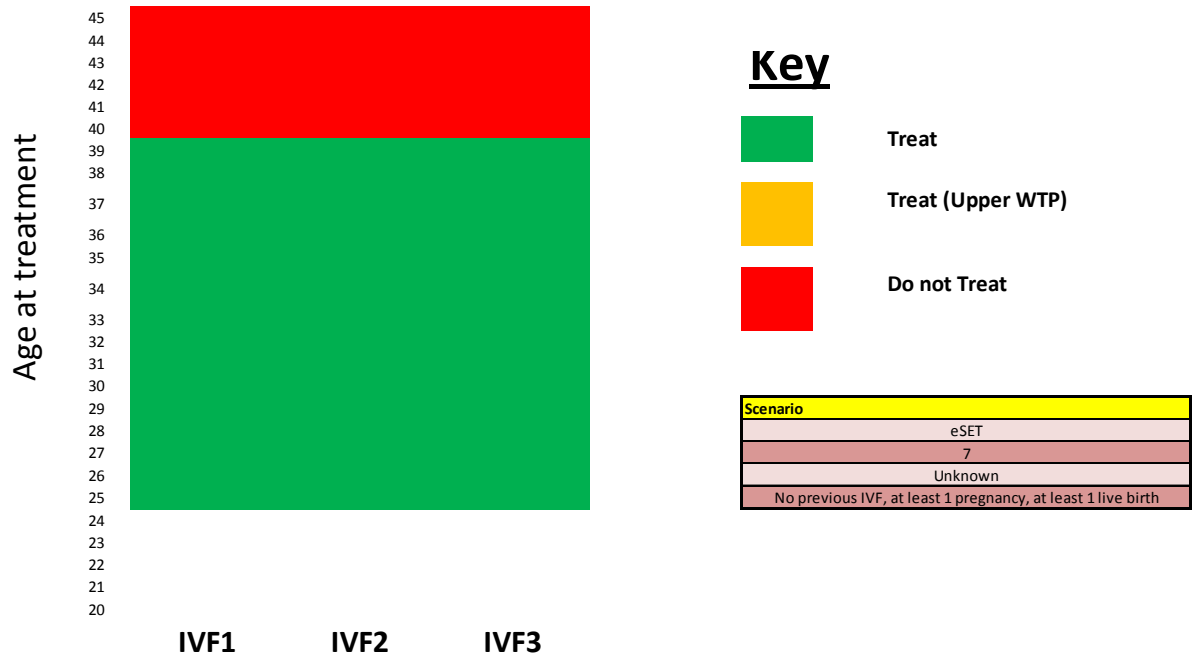
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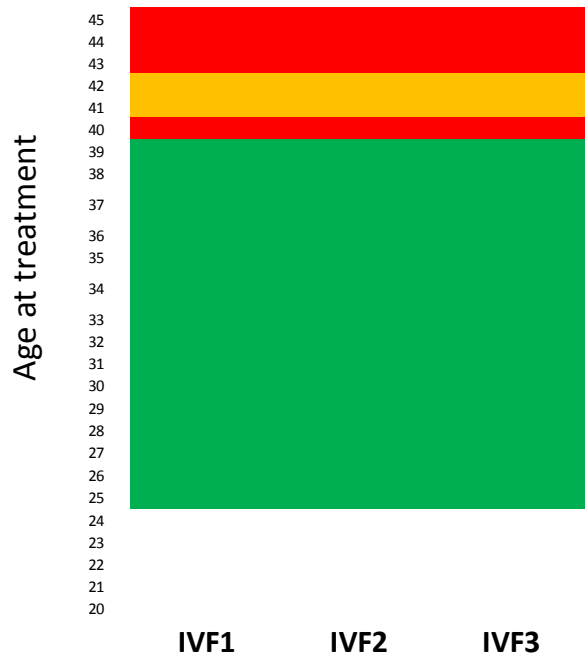
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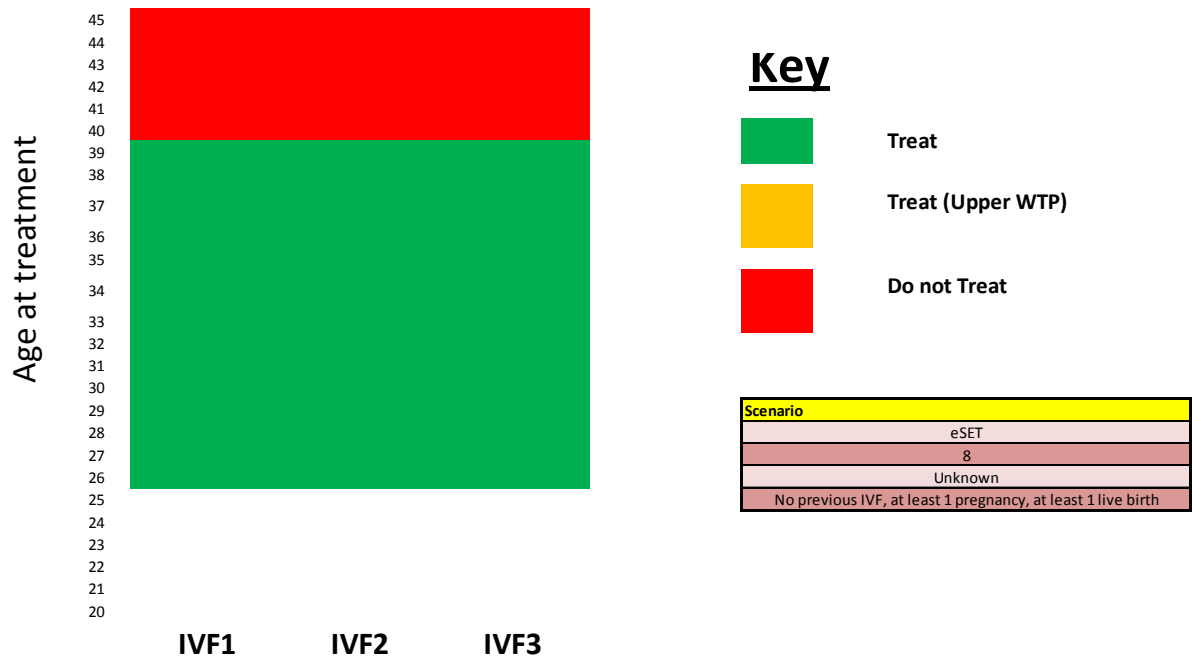
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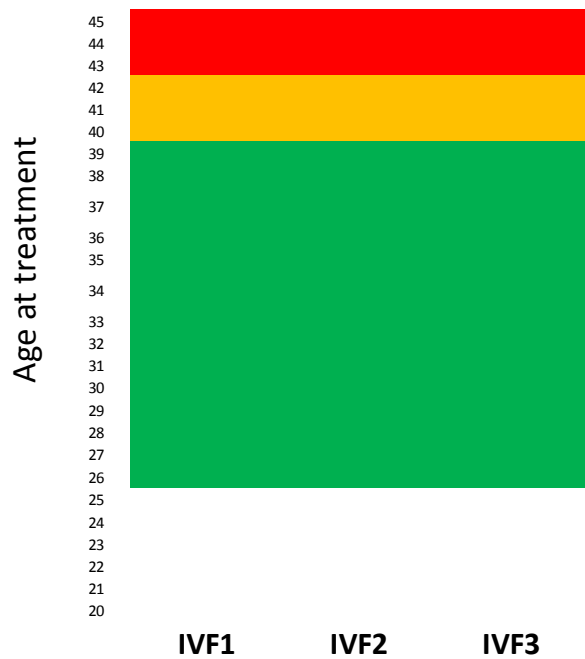
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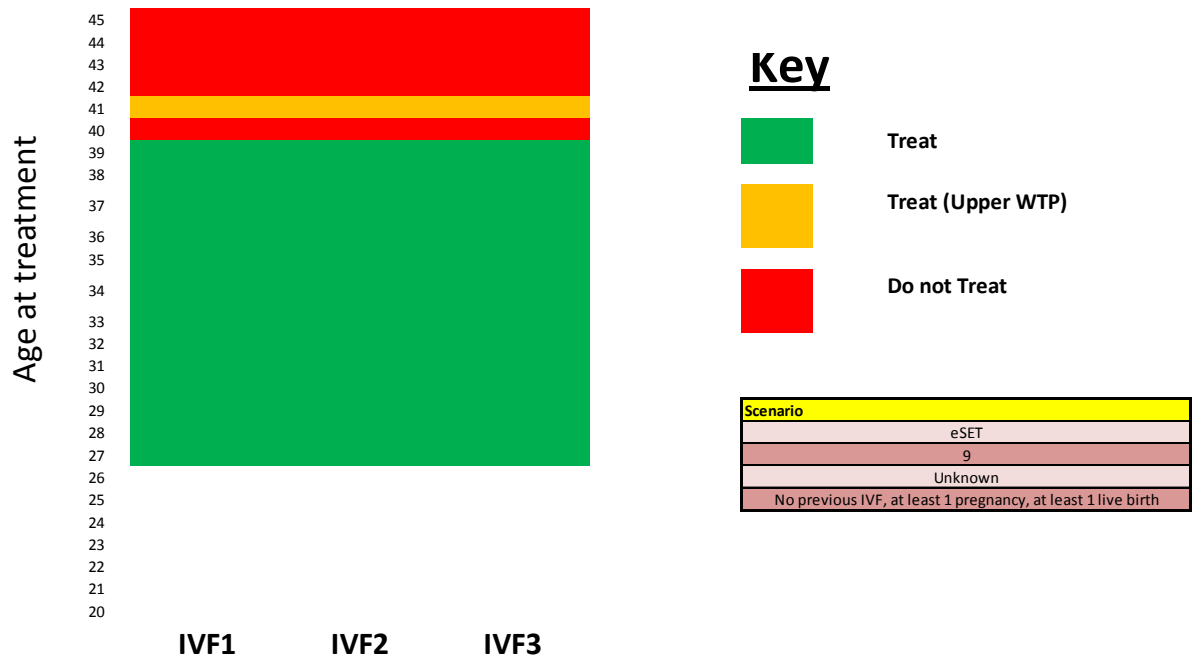
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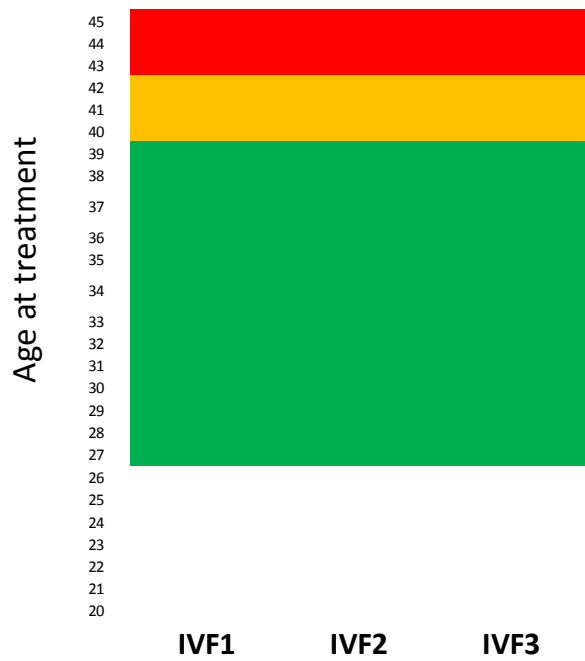
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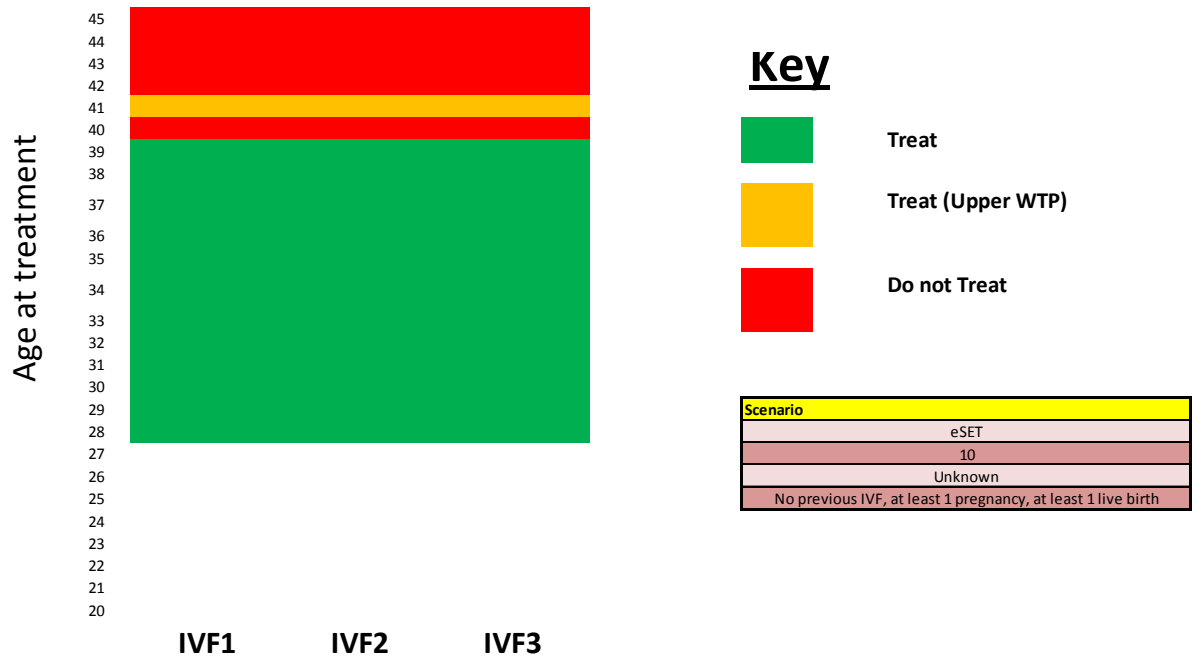
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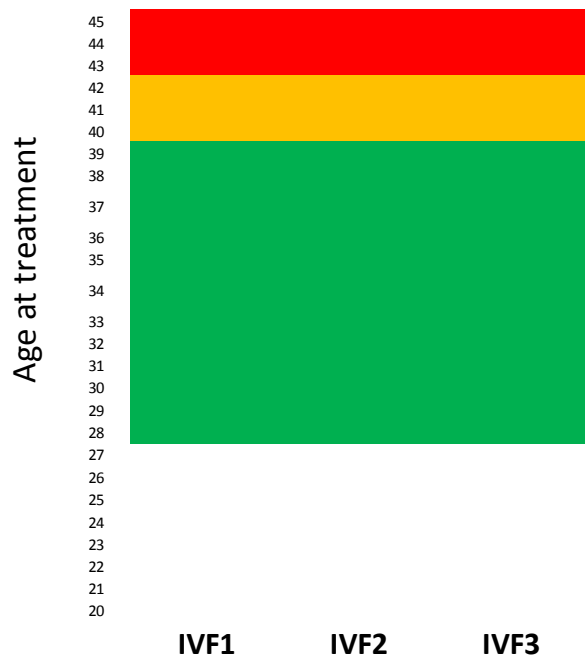
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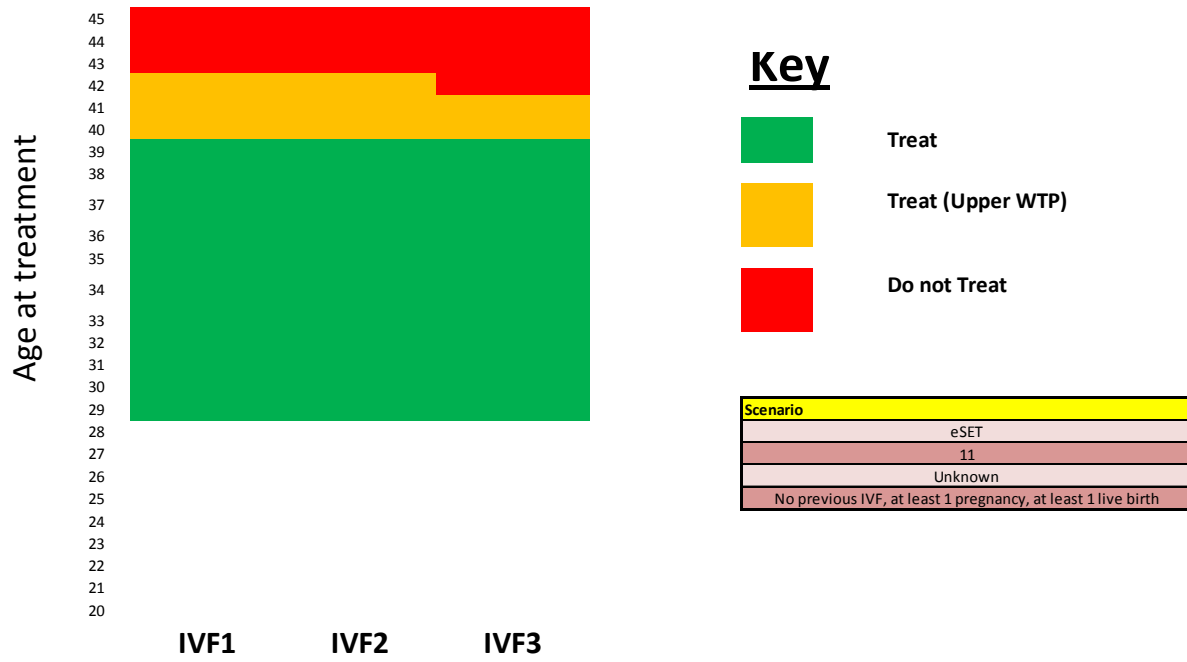
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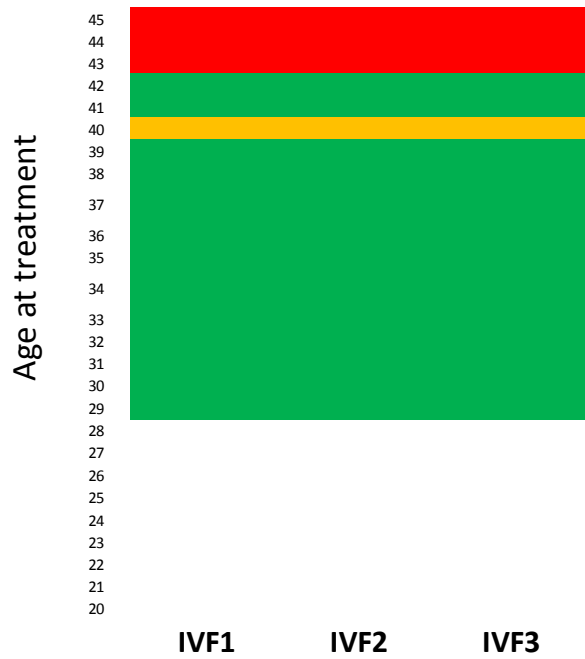
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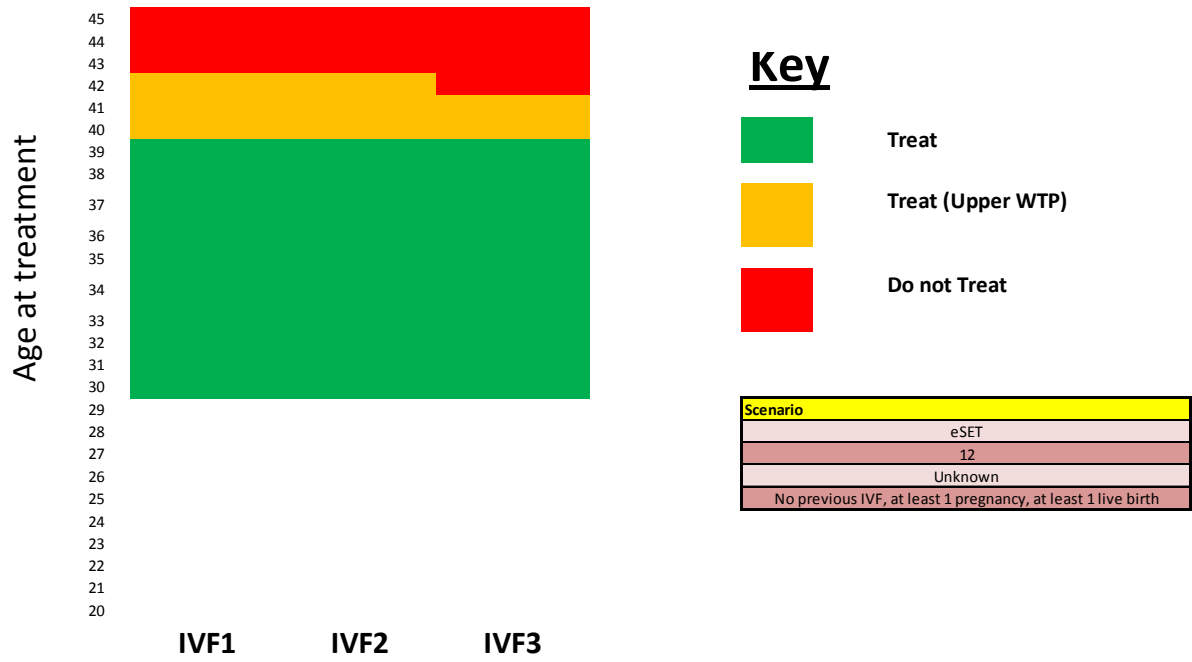
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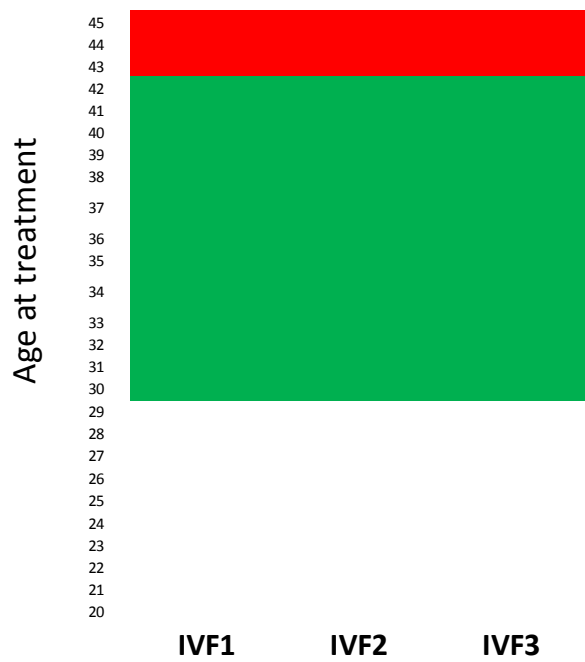
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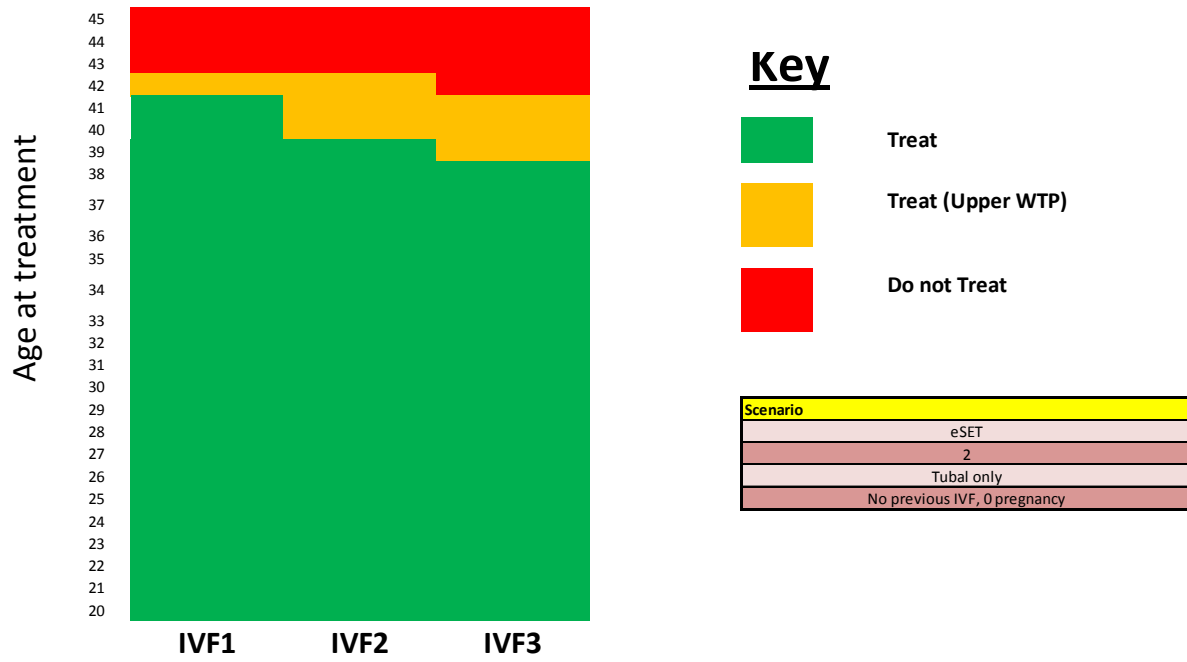
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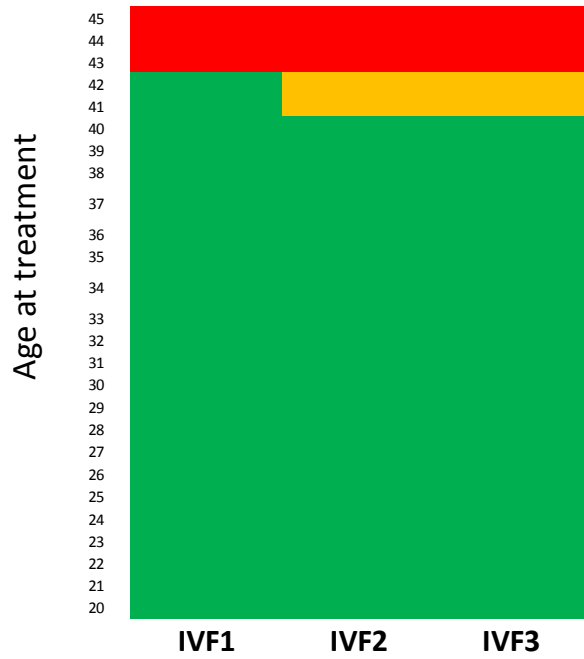
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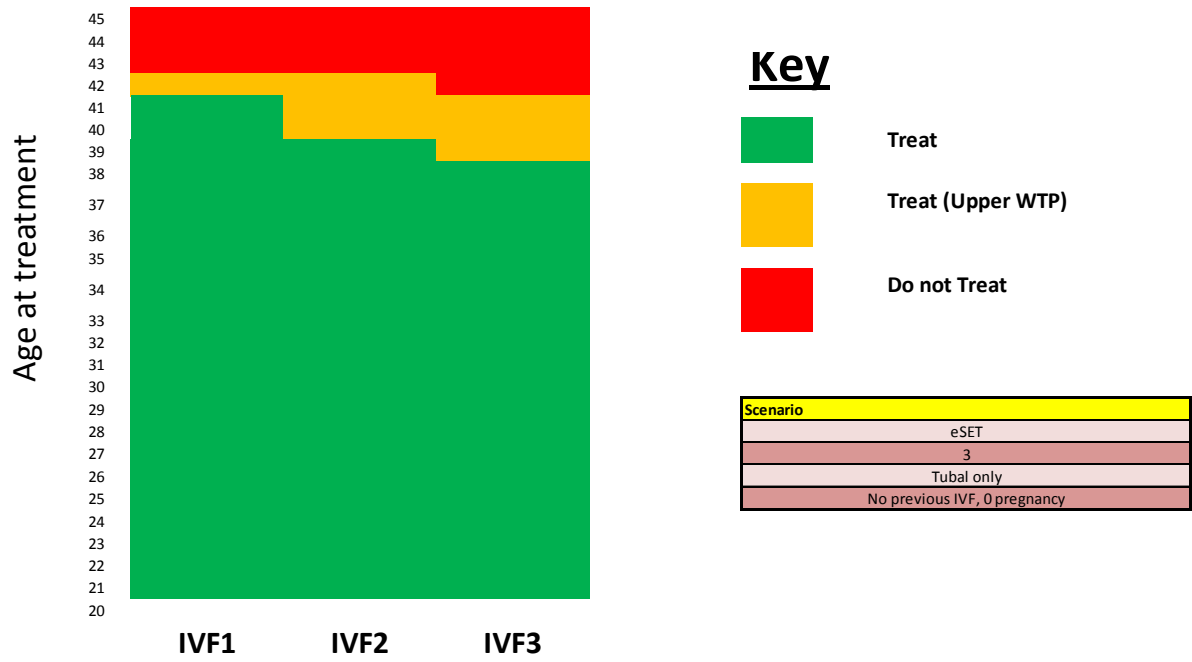
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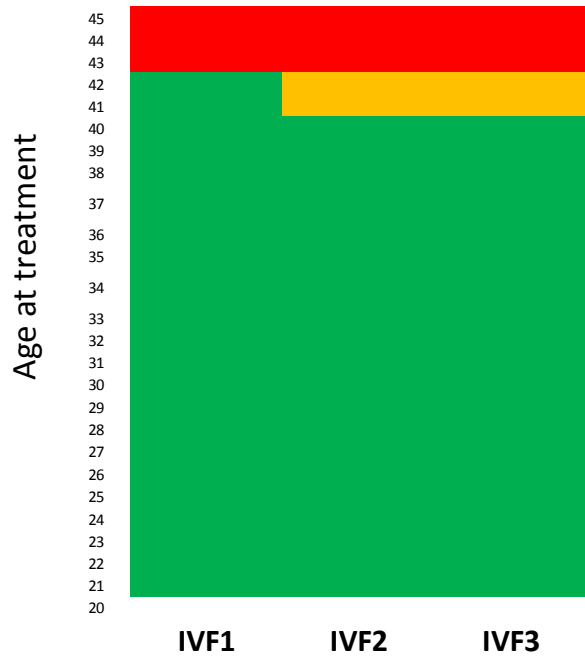
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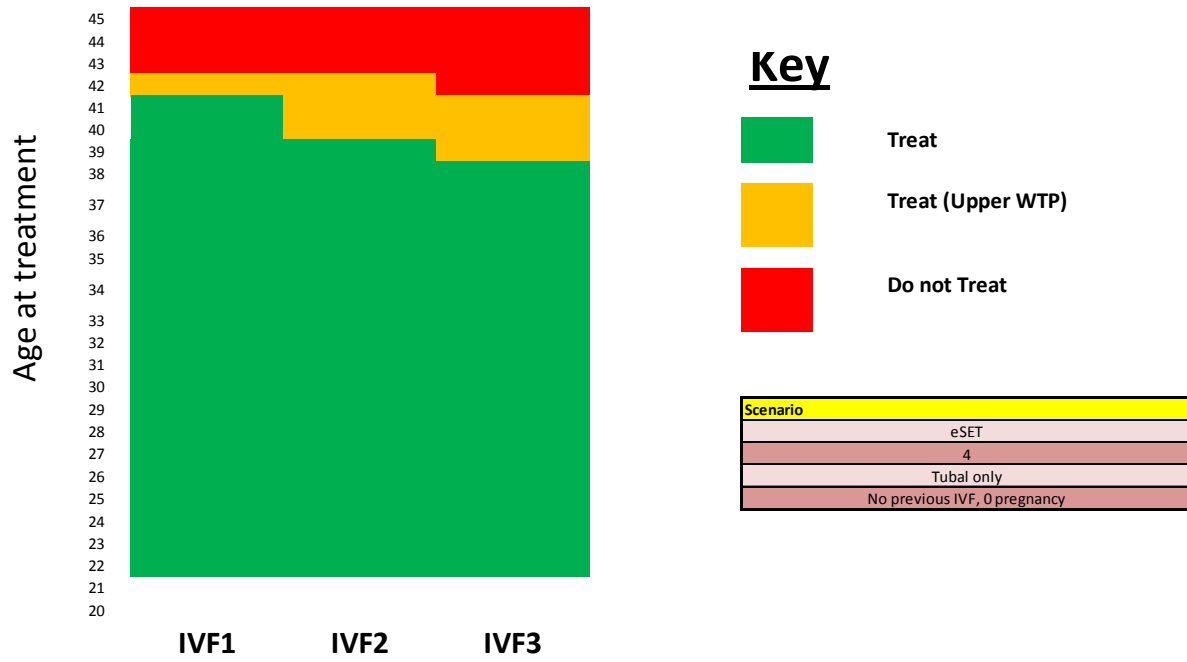
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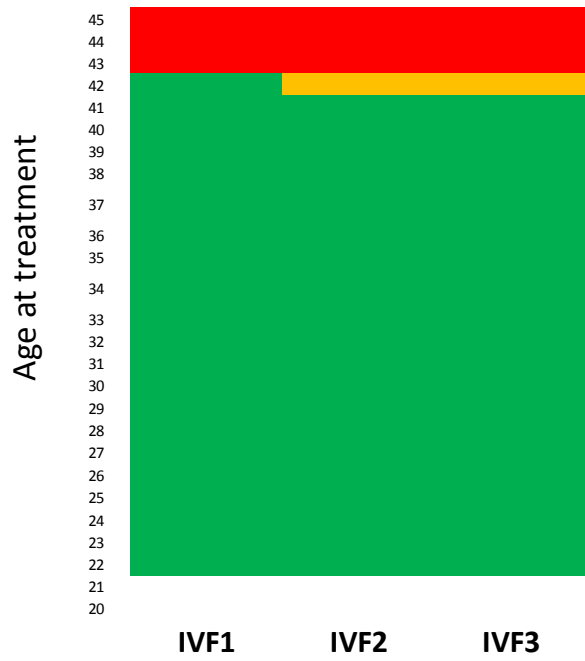
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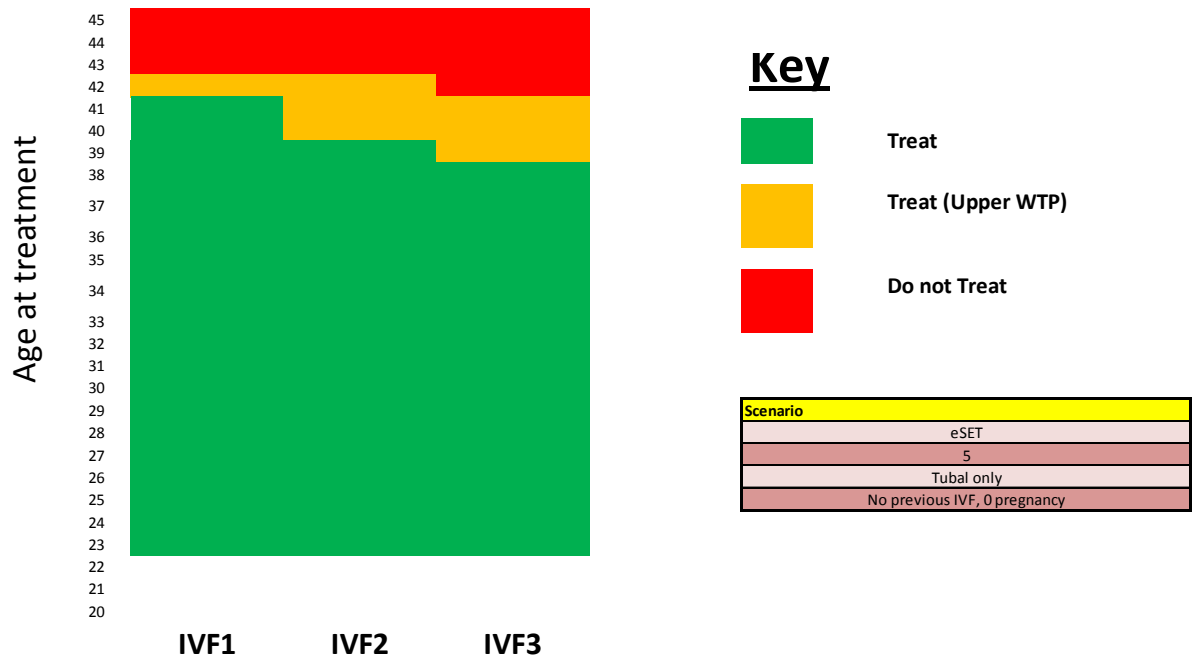
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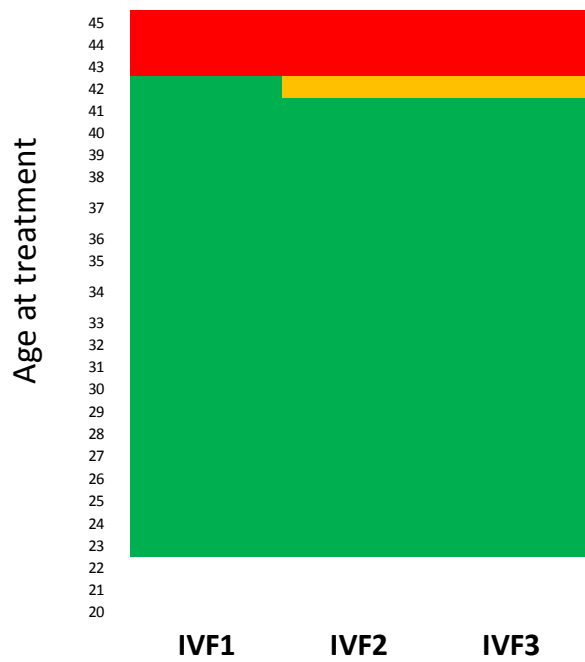
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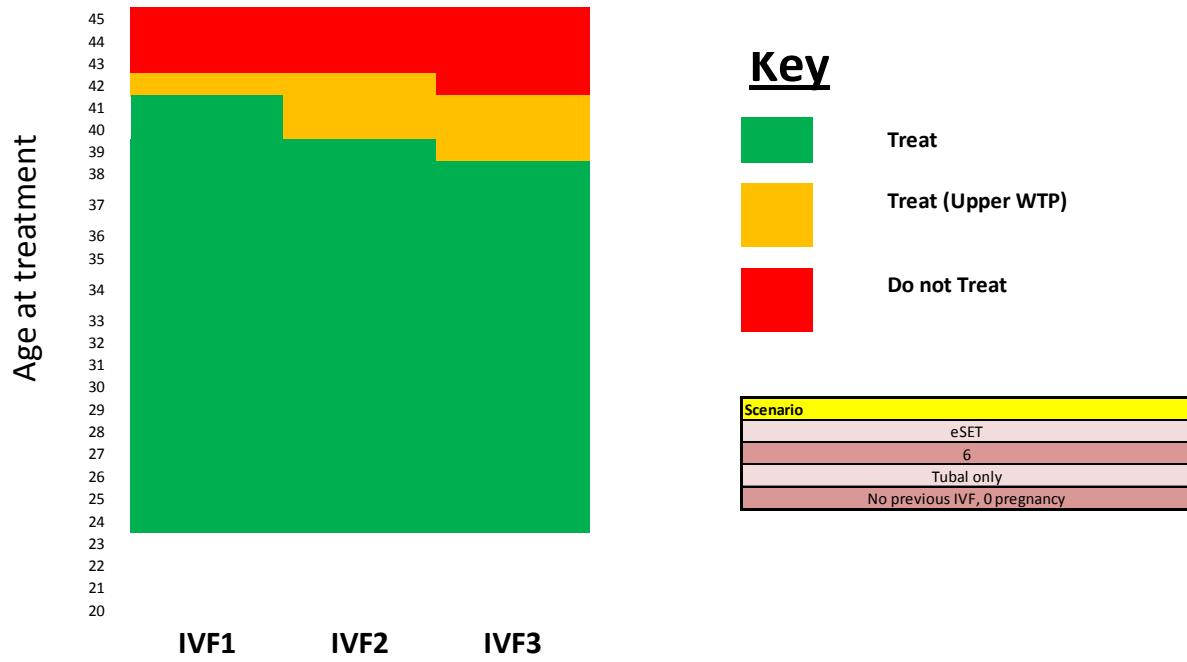
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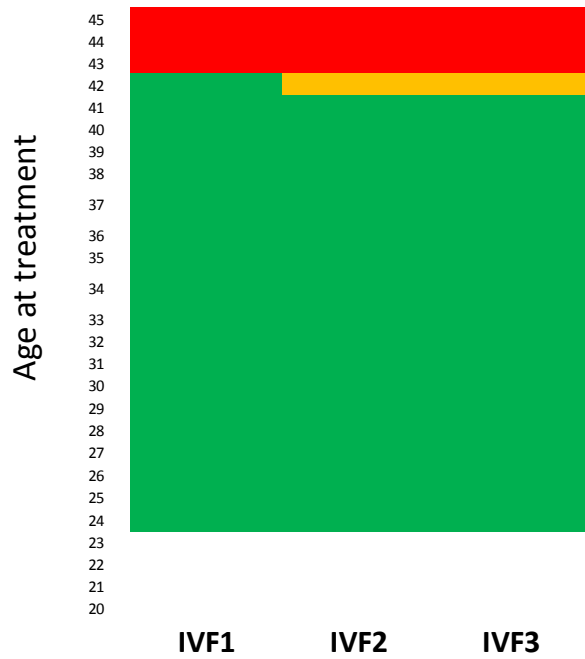
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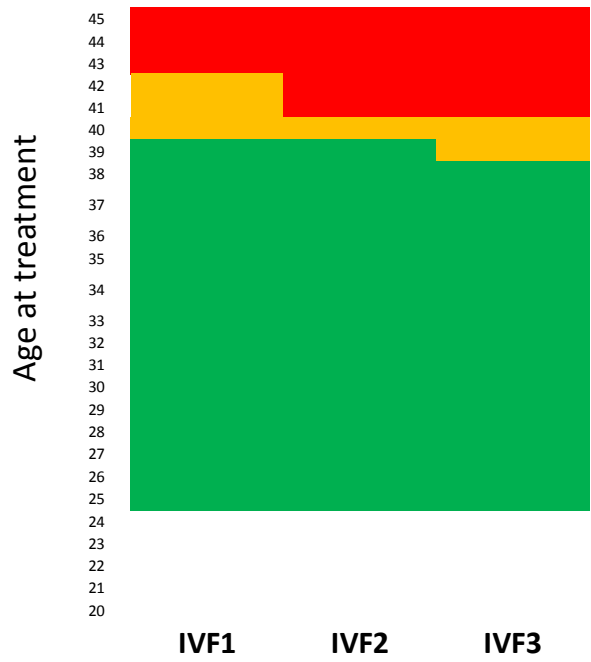
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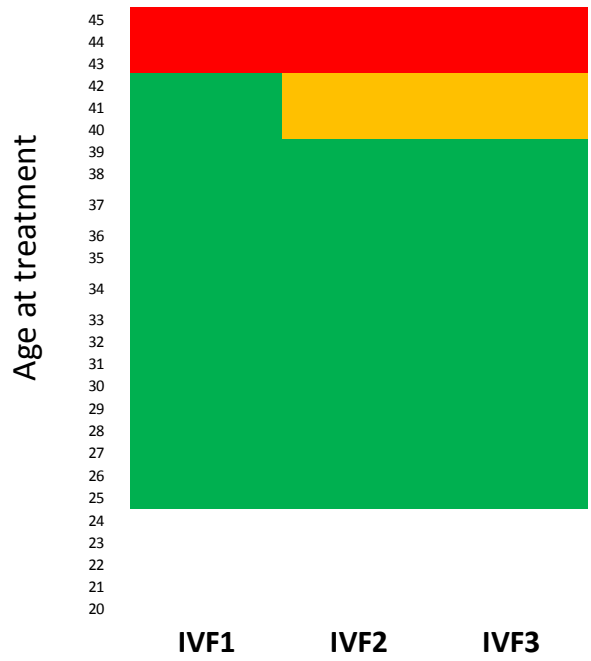


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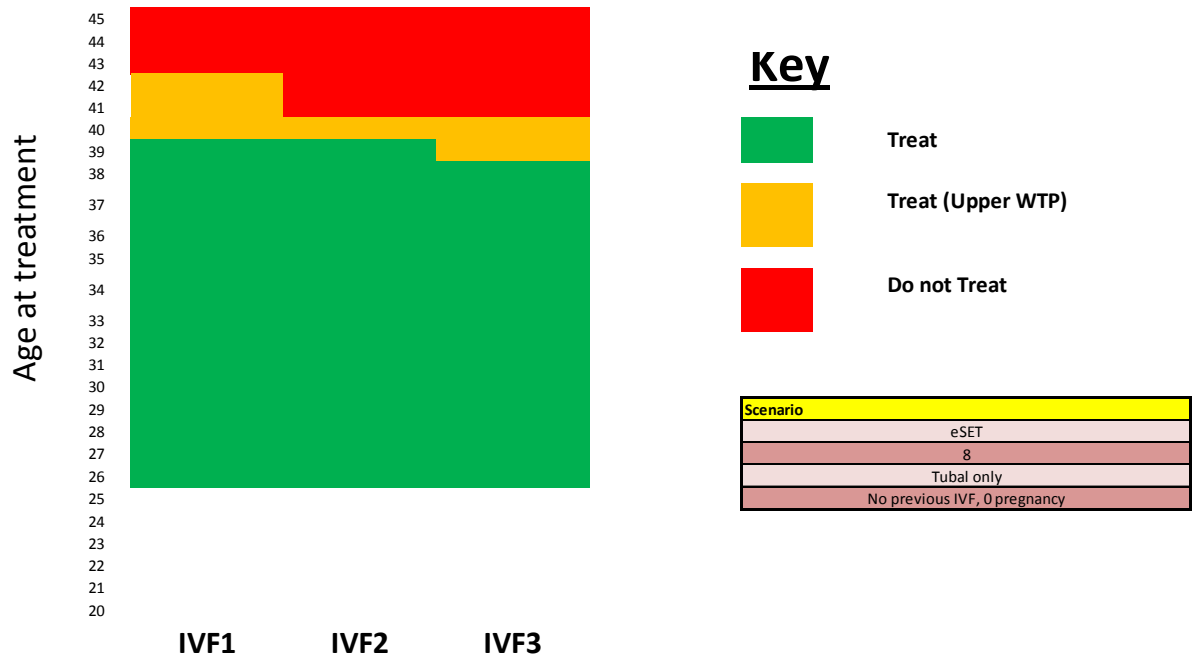
- Treat
- Treat (Upper WTP)
- Do not Treat

Scenario
eSET
7
Tubal only
No previous IVF, 0 pregnancy

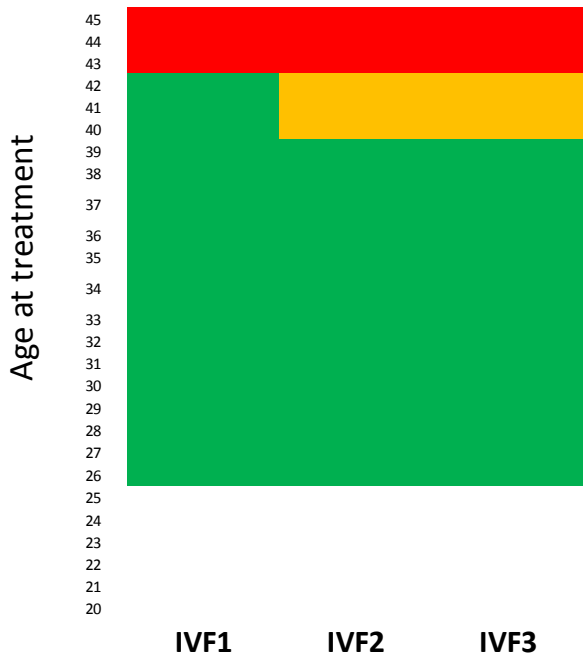
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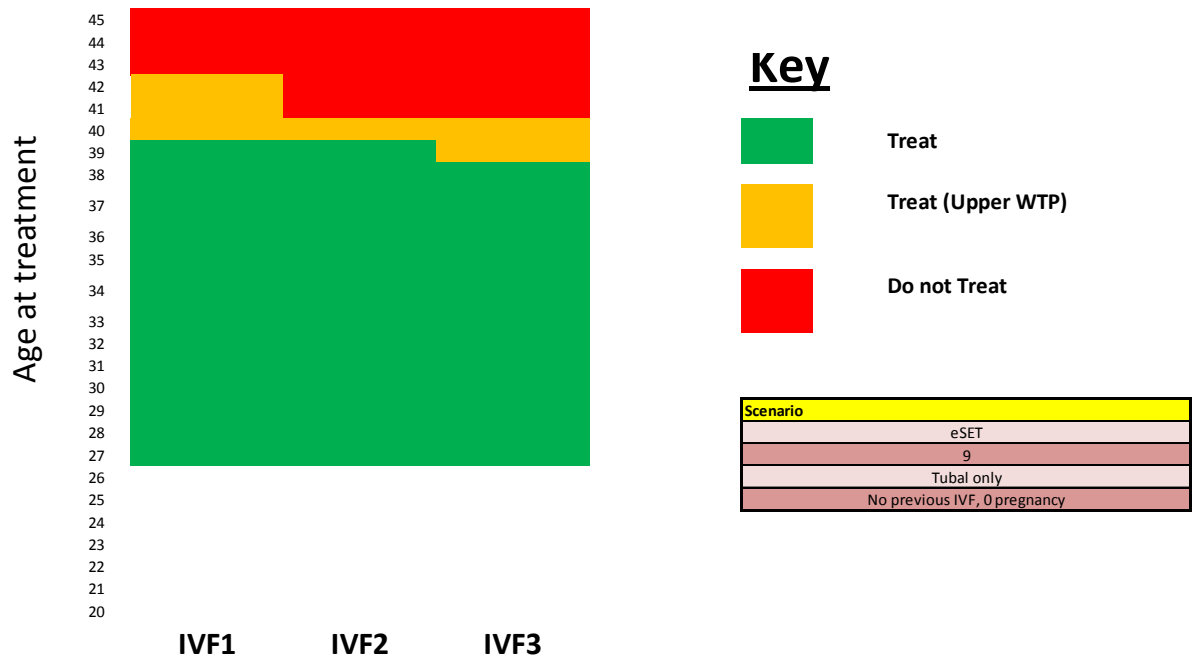
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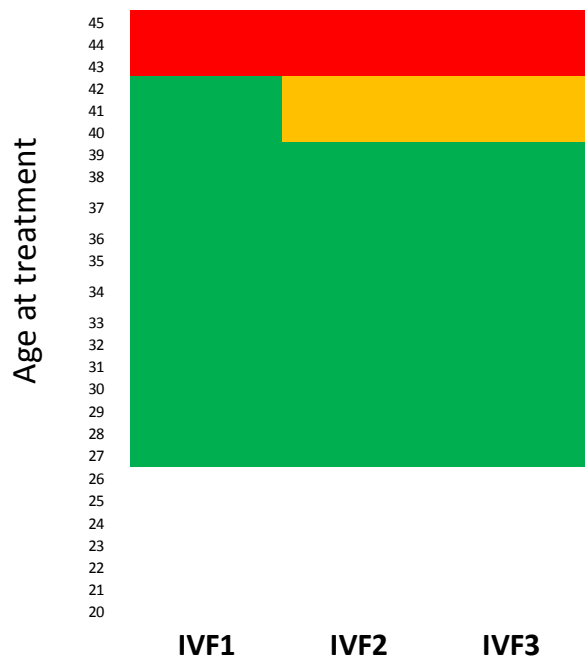
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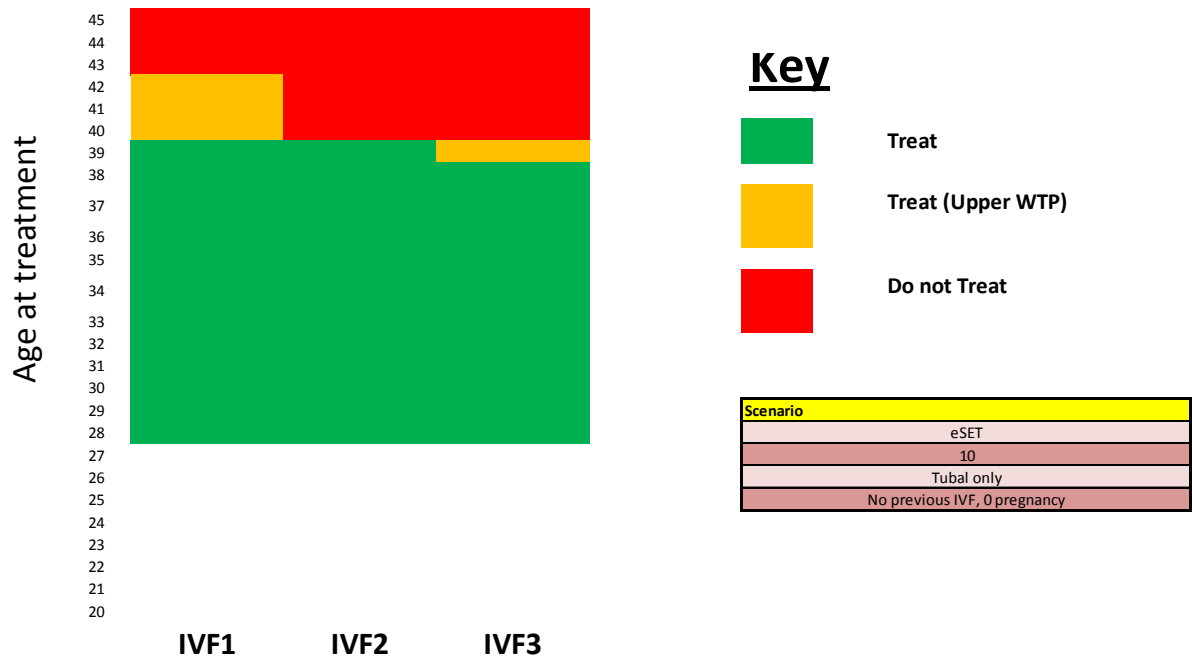
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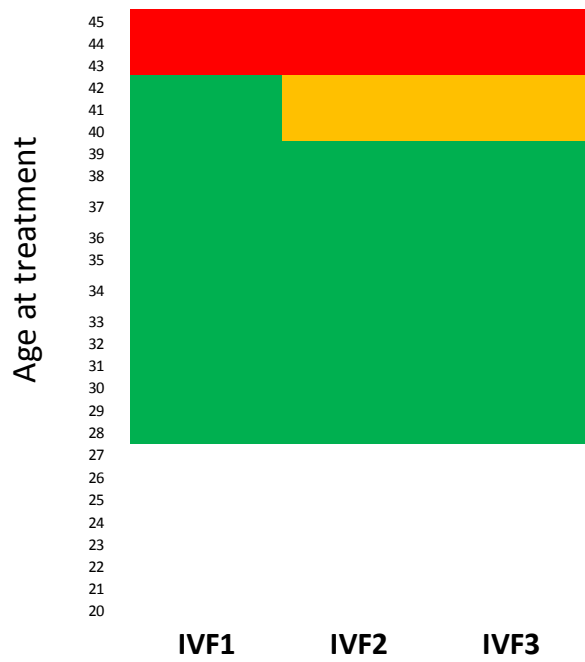
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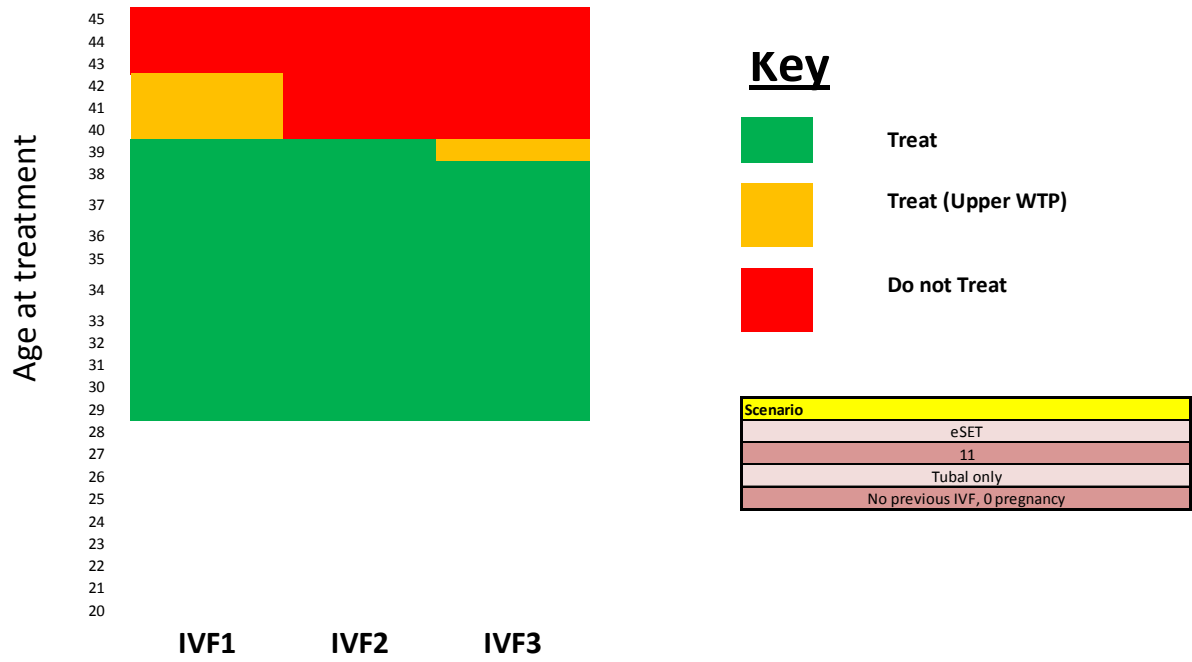
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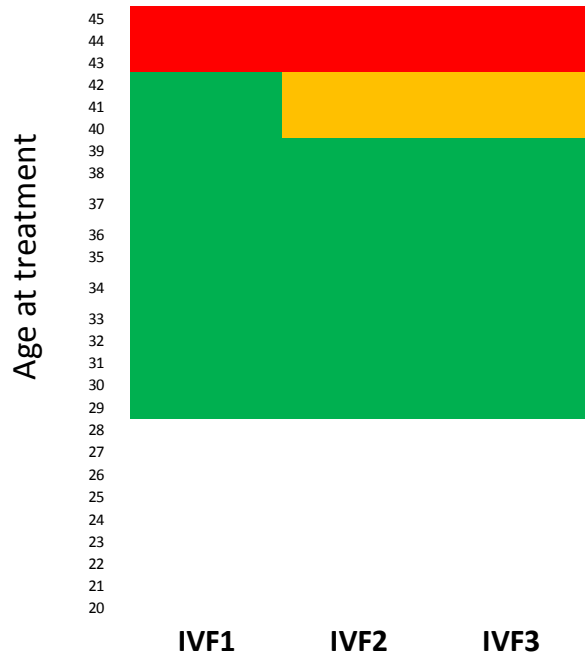
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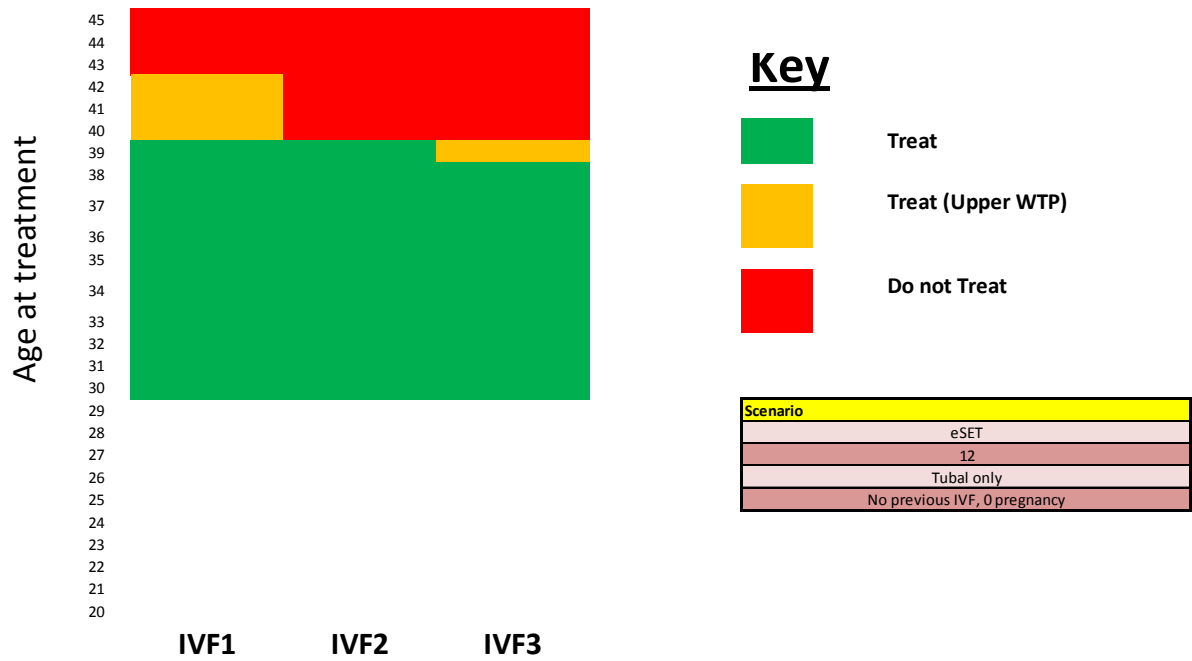
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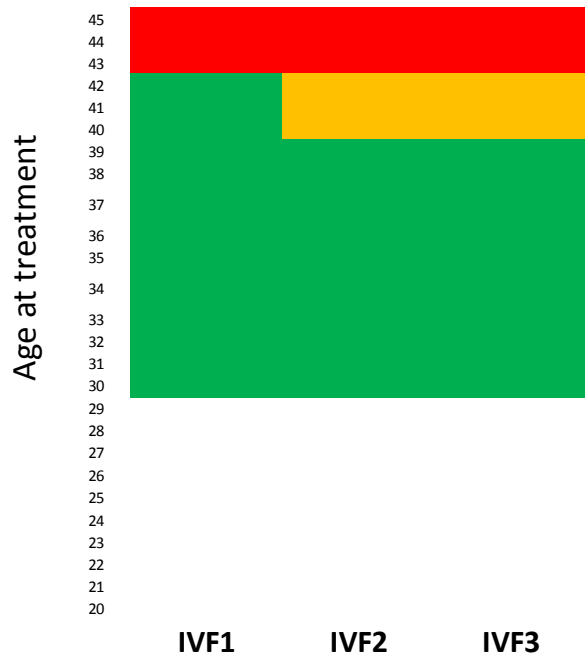
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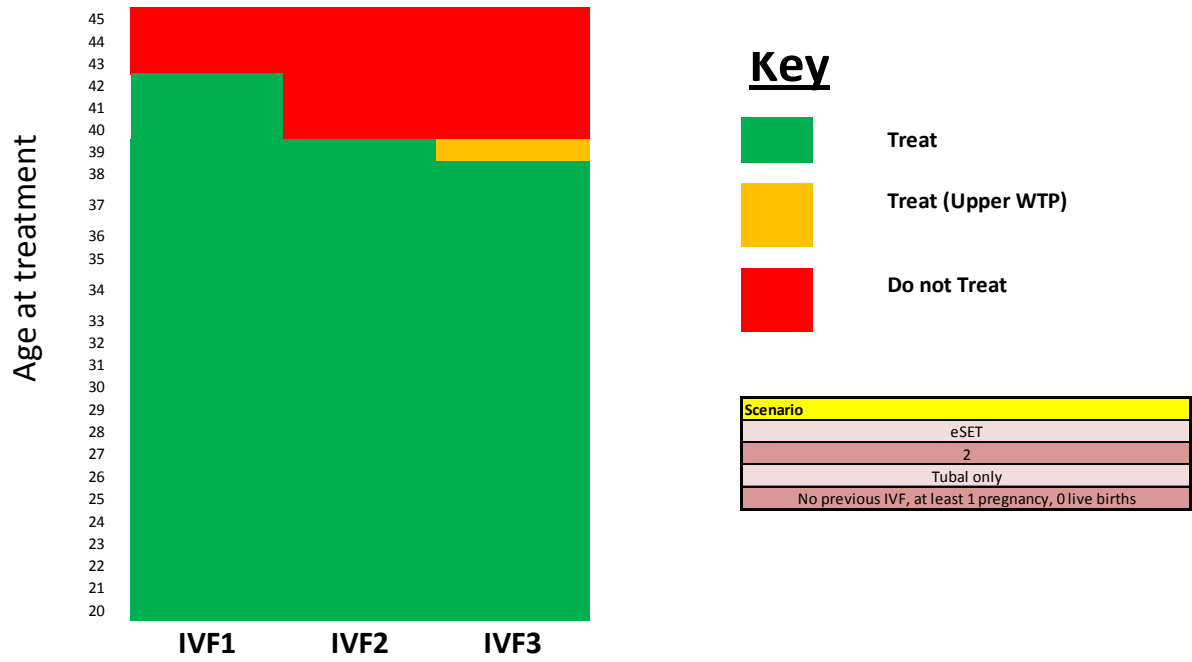
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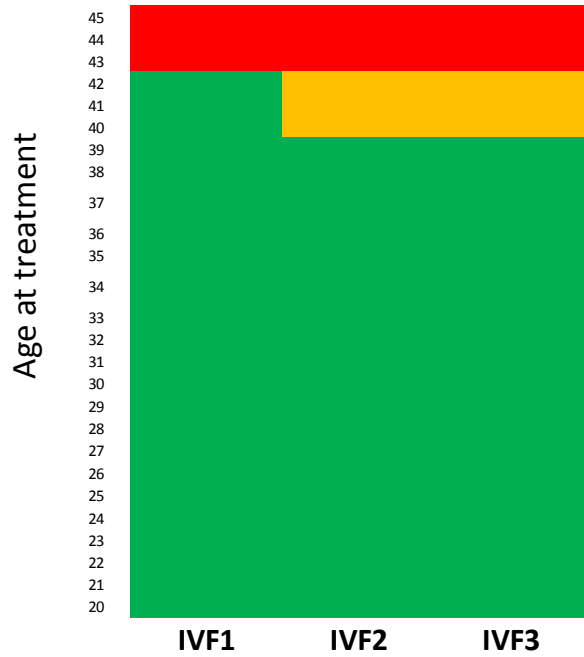
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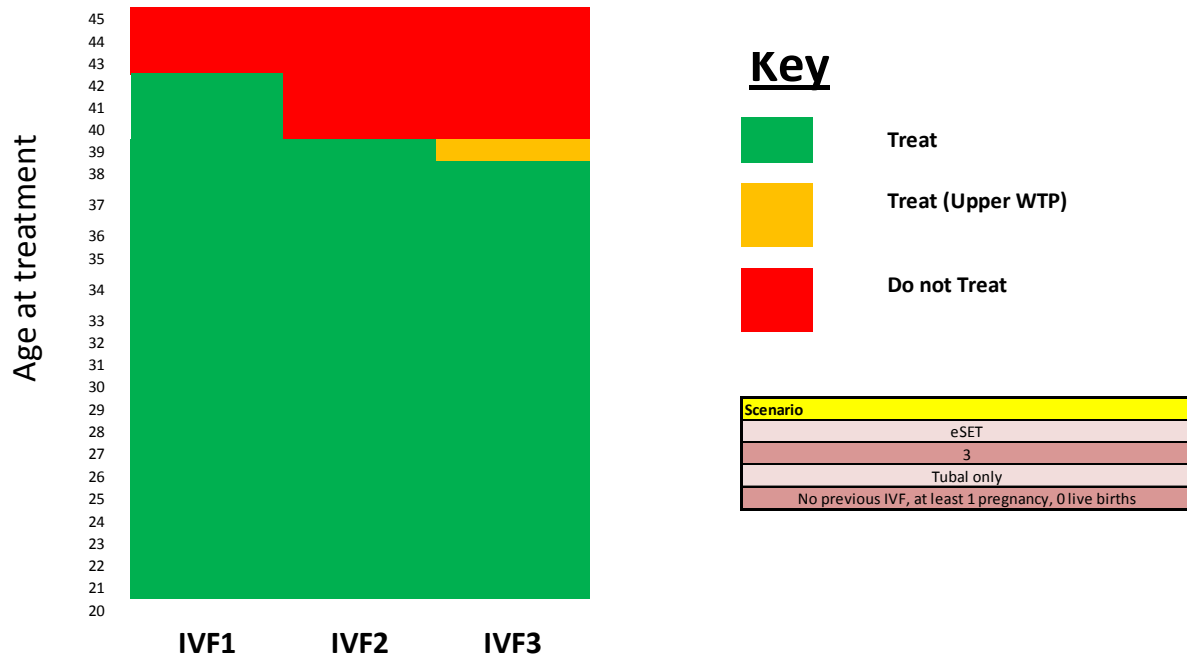
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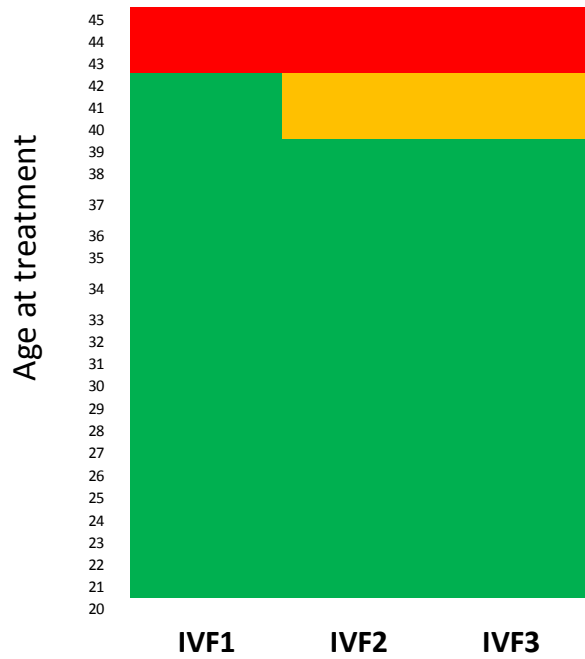
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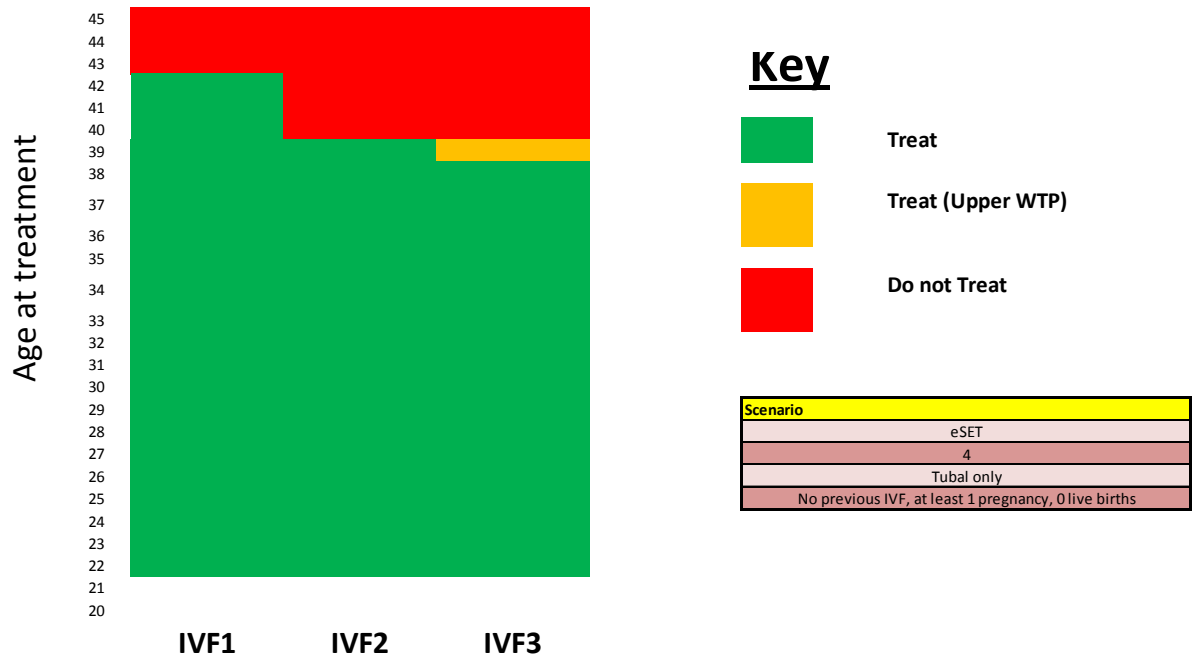
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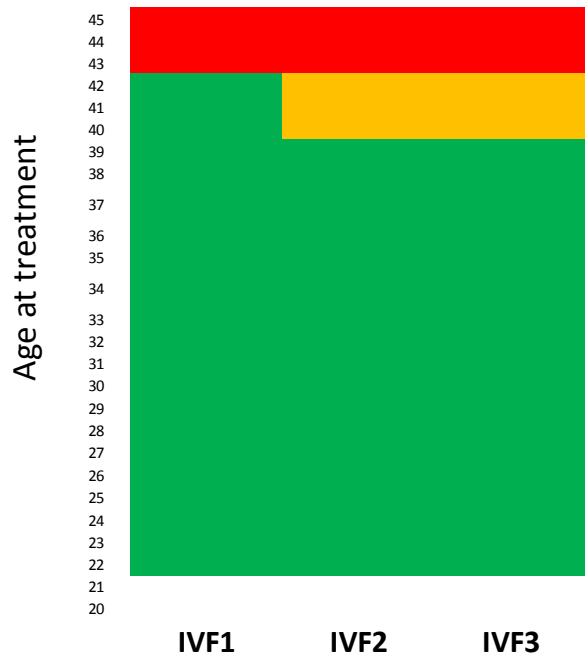
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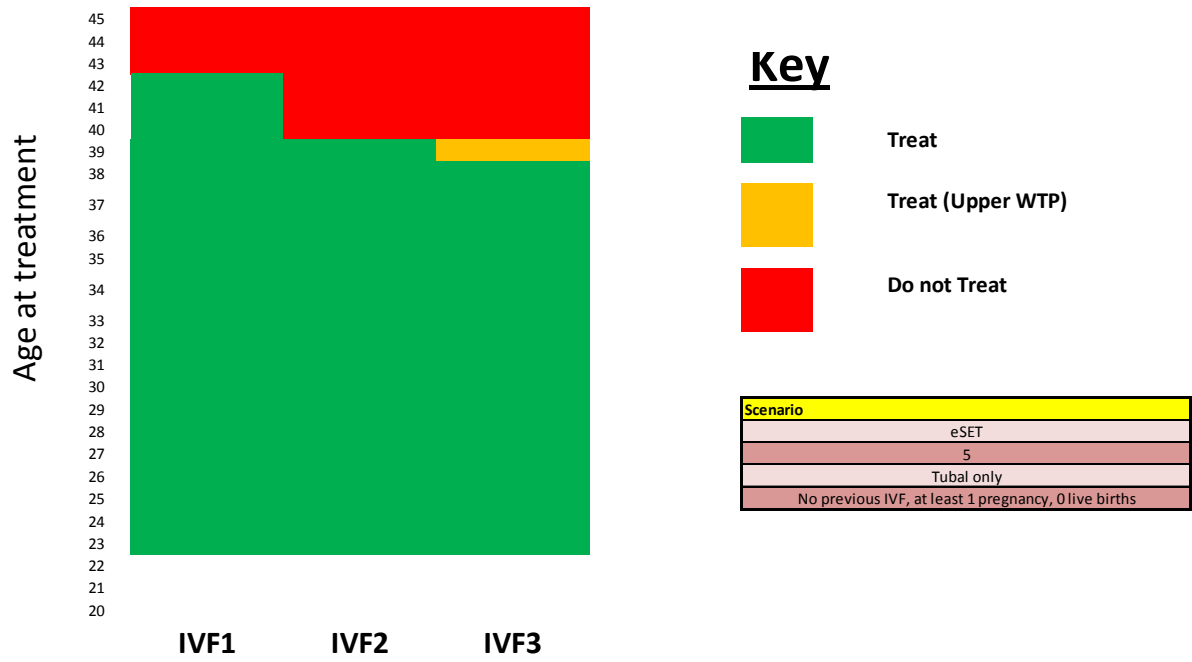
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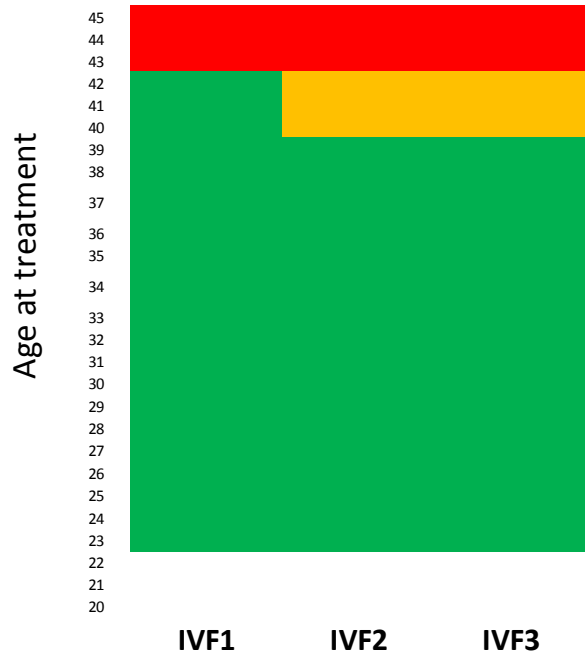
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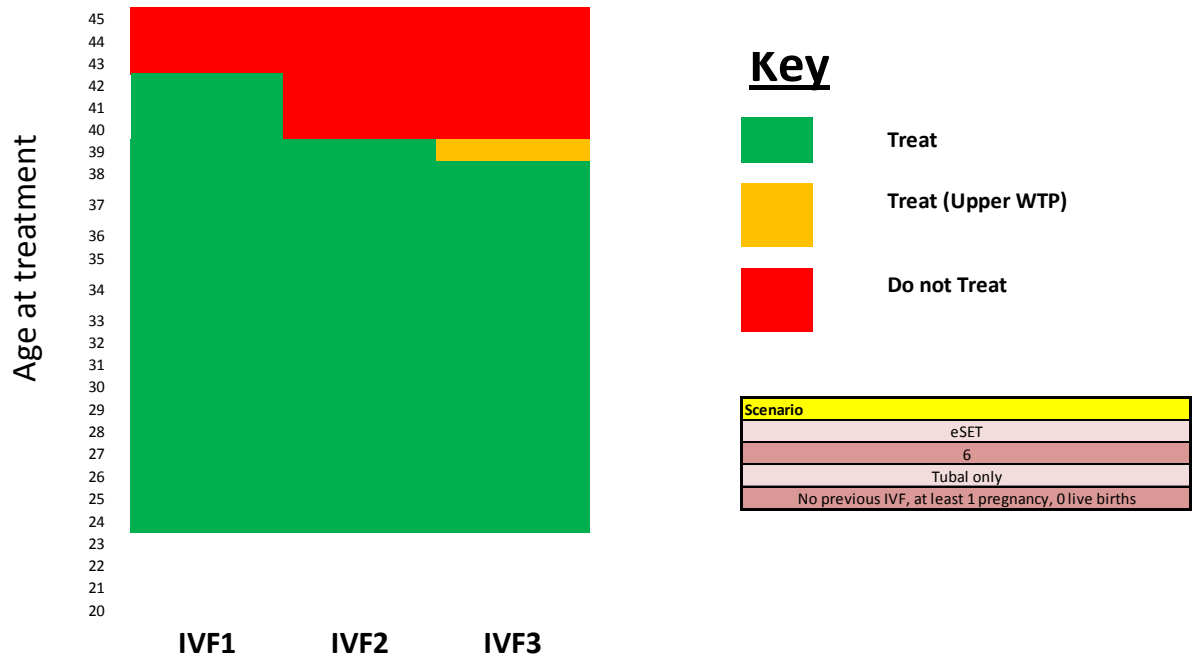
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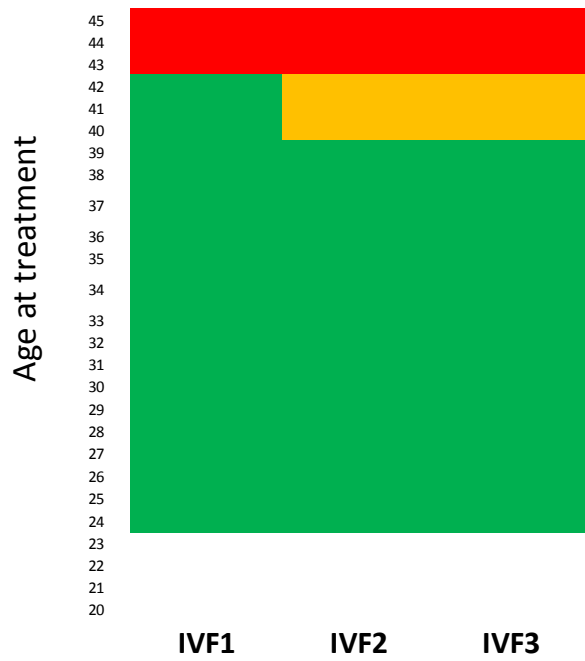
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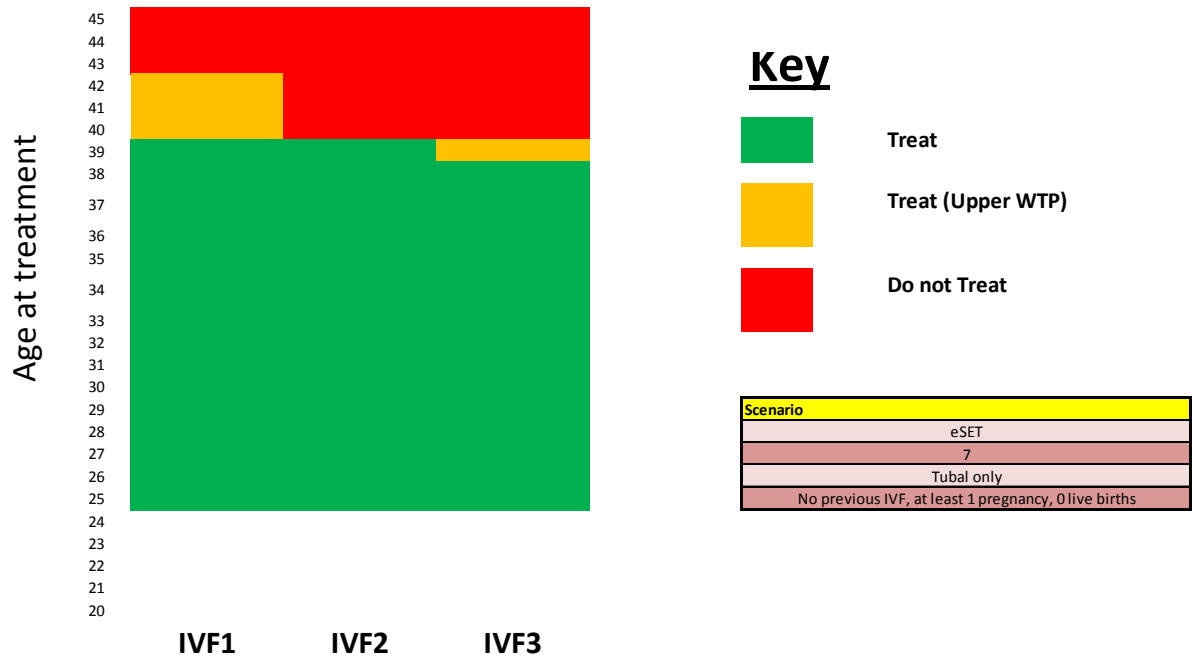
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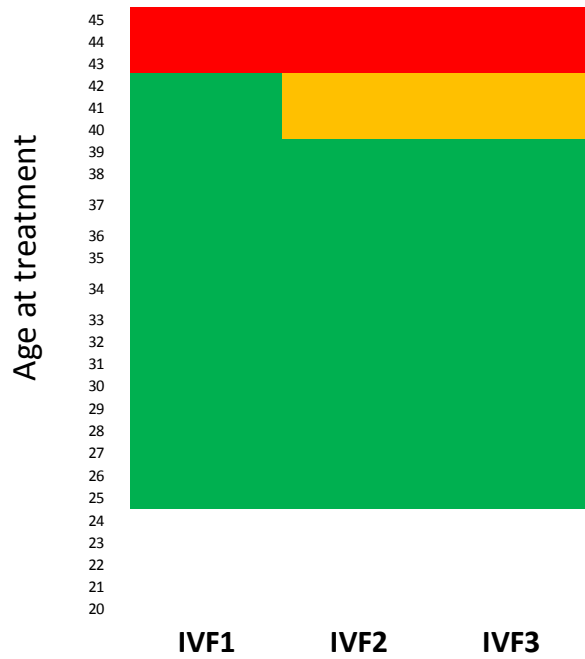
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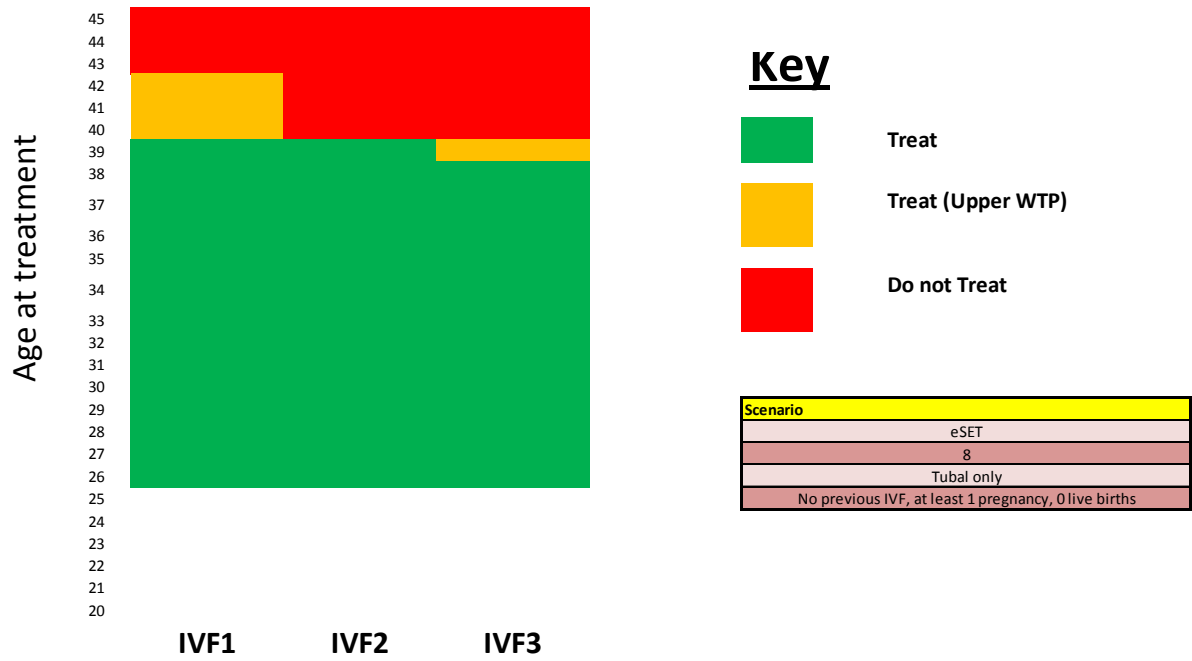
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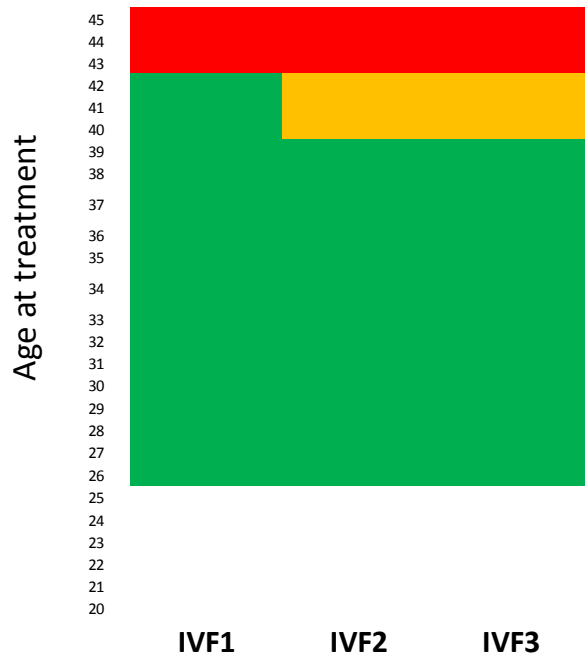
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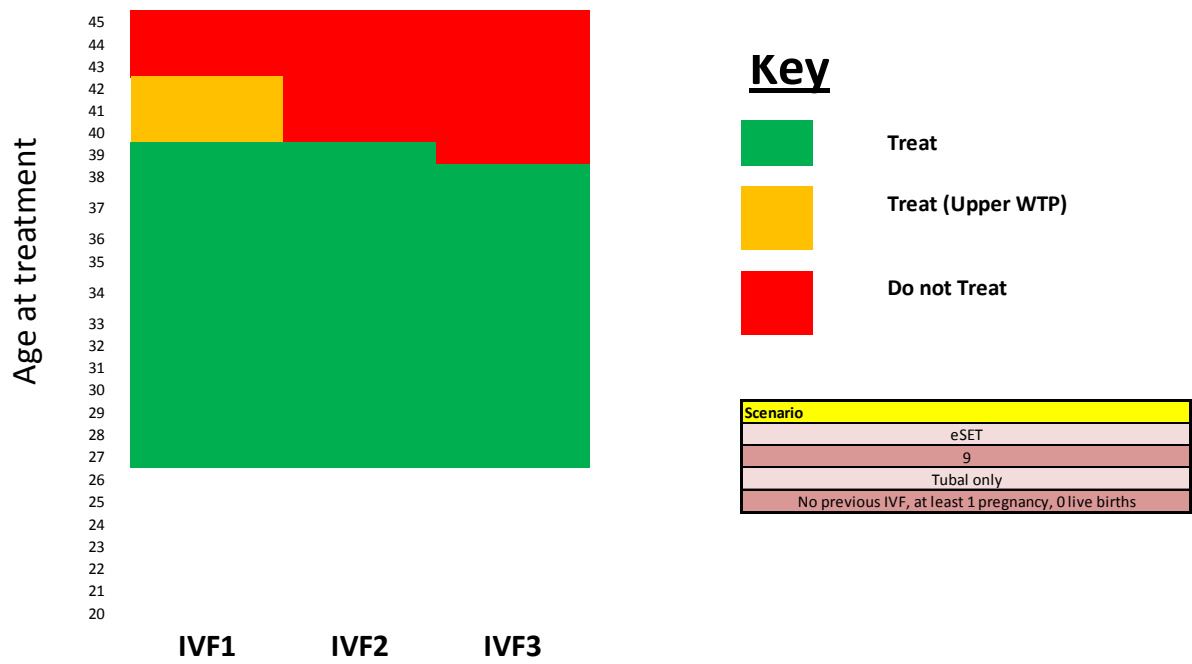
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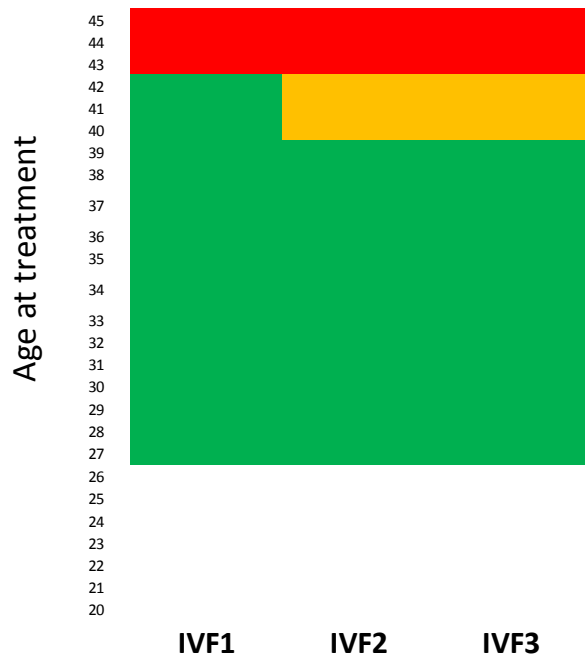
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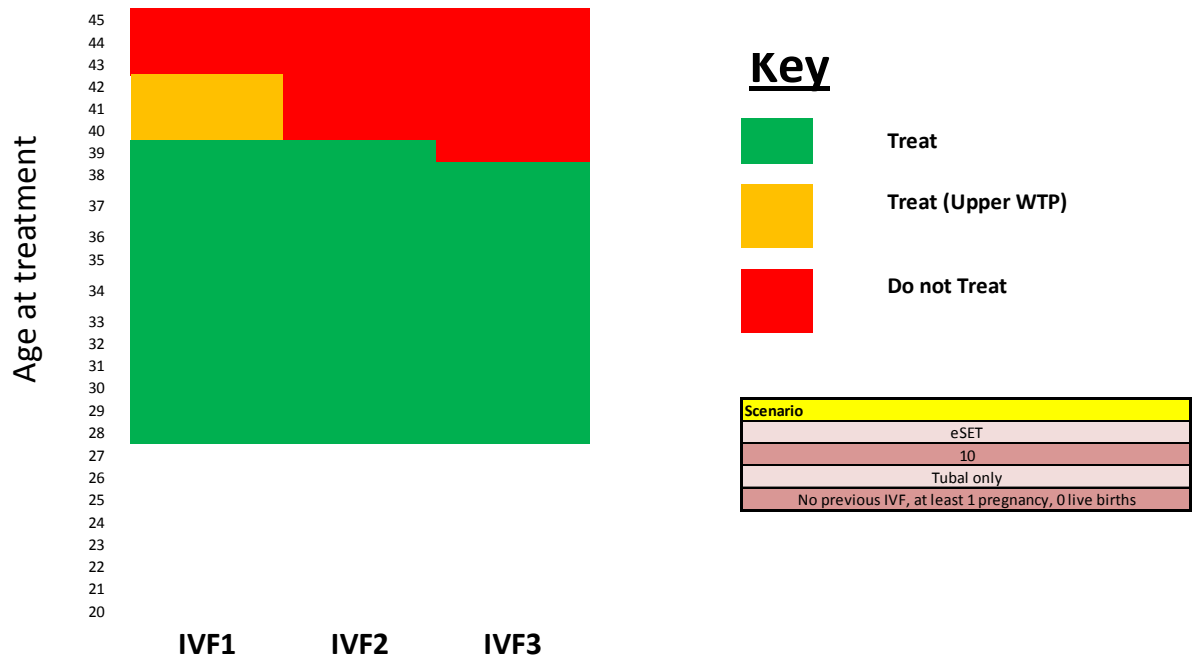
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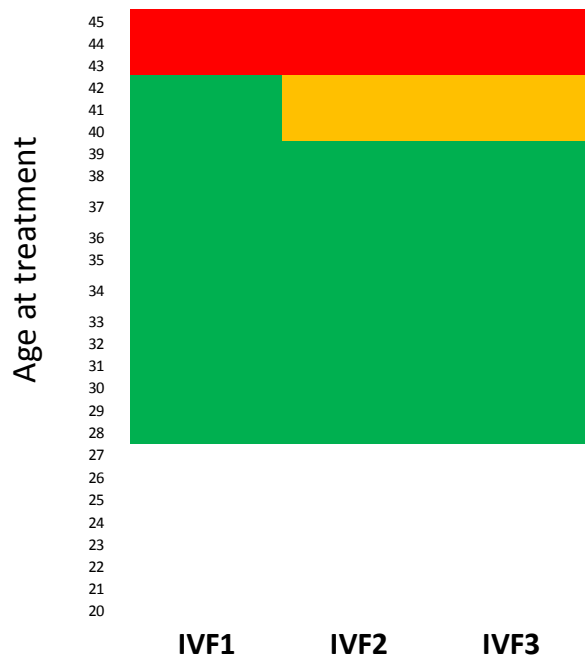
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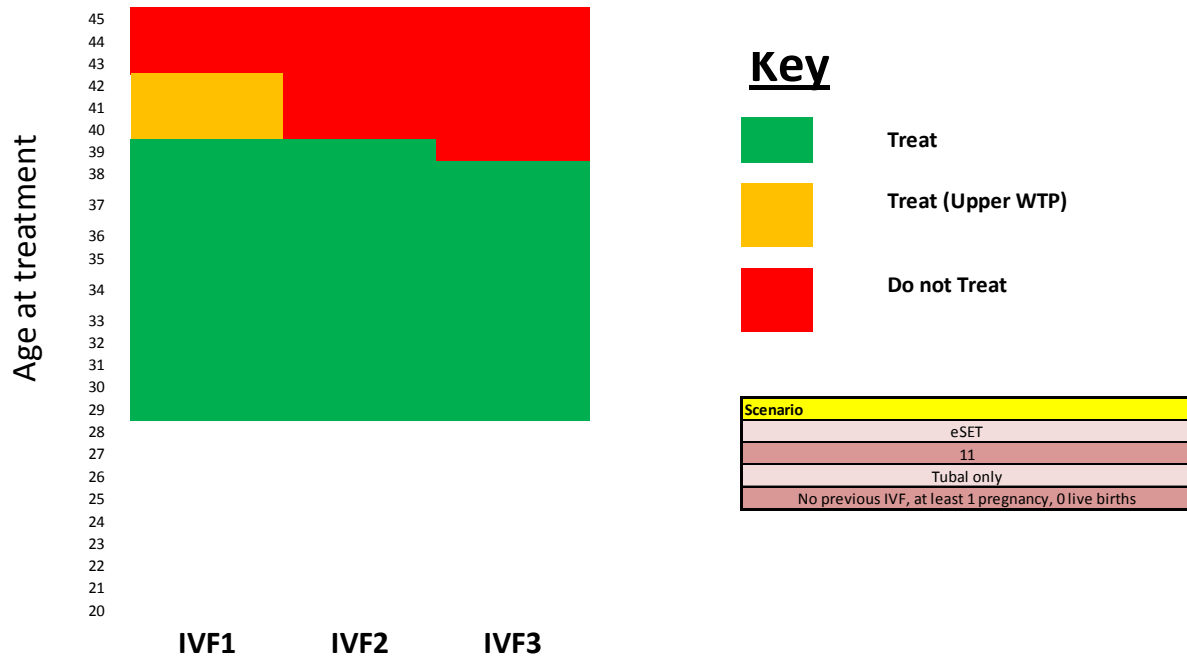
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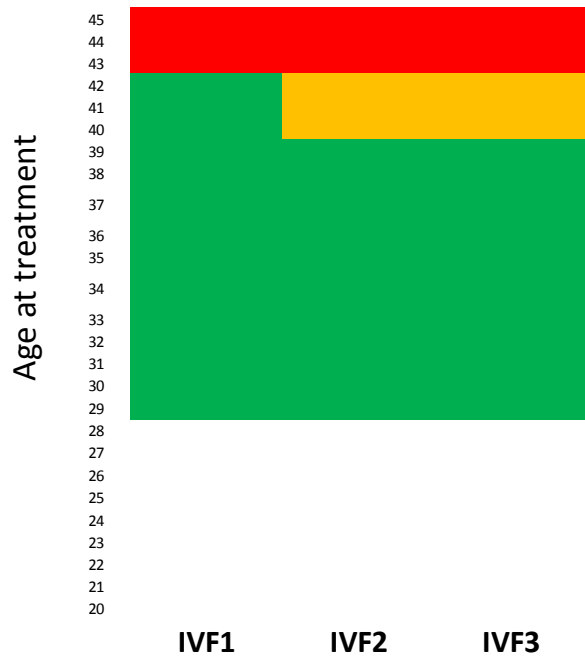
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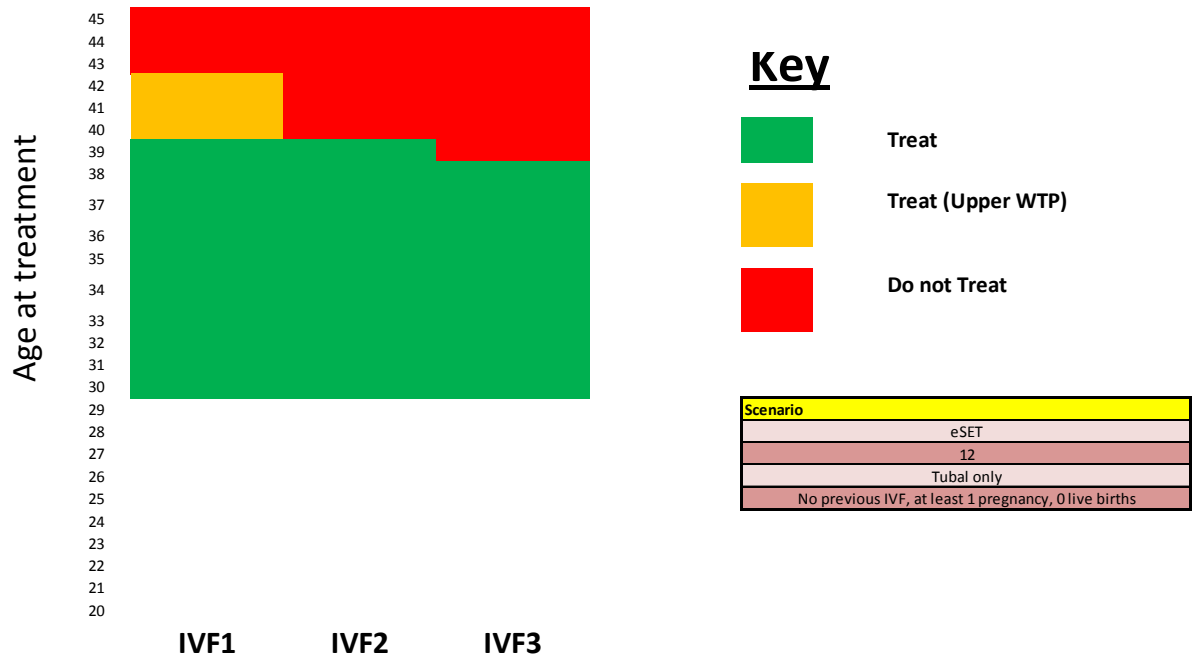
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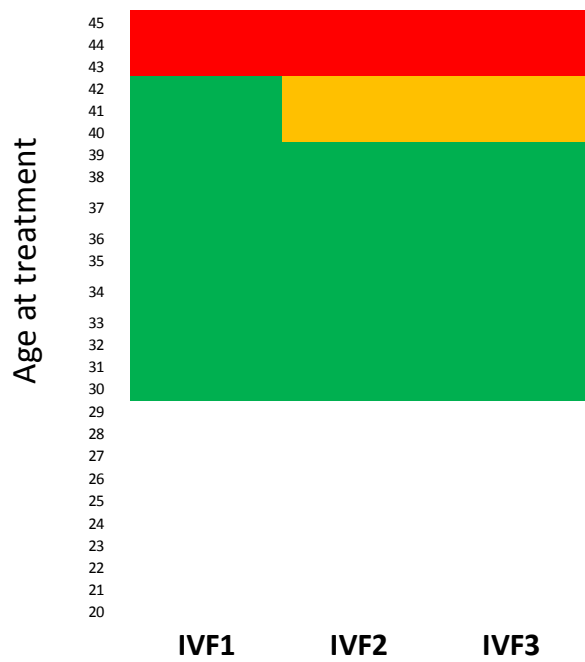
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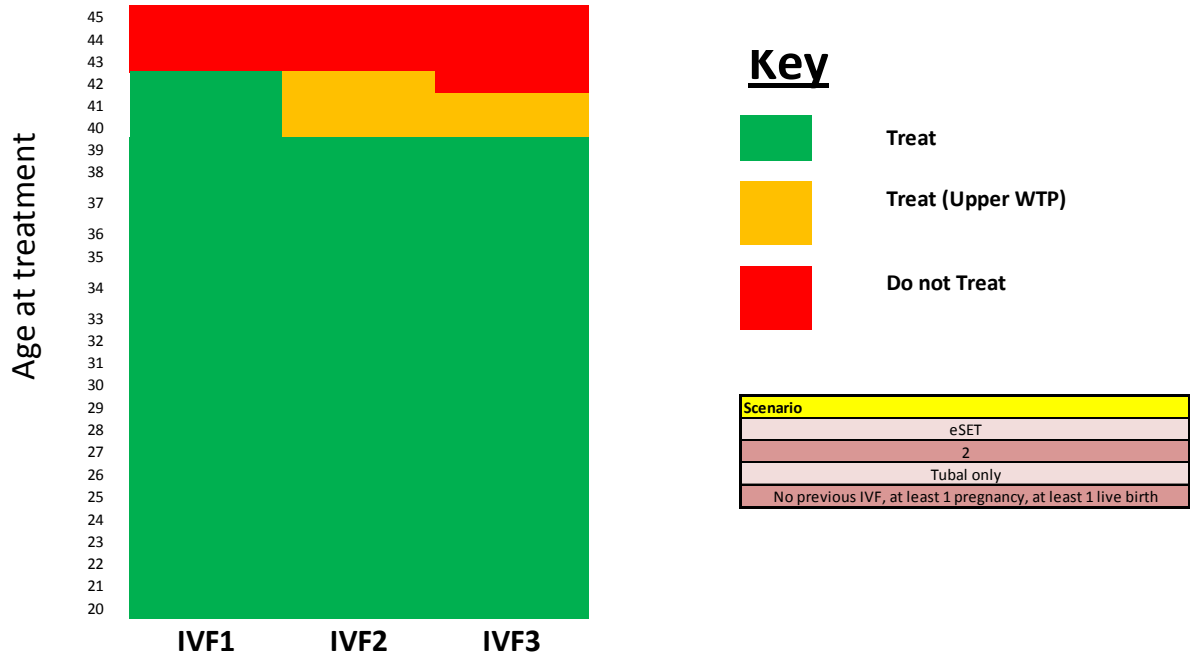
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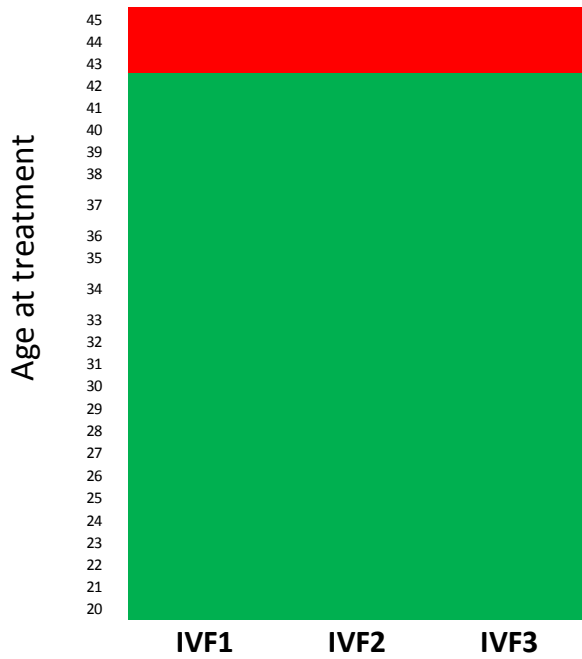
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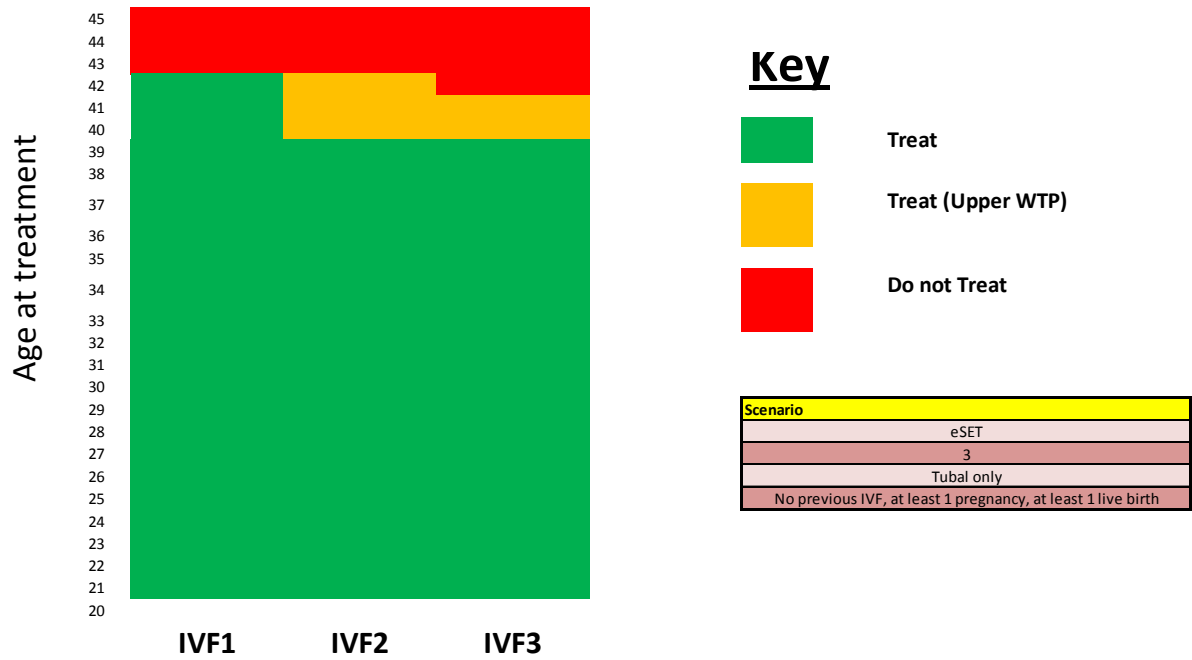
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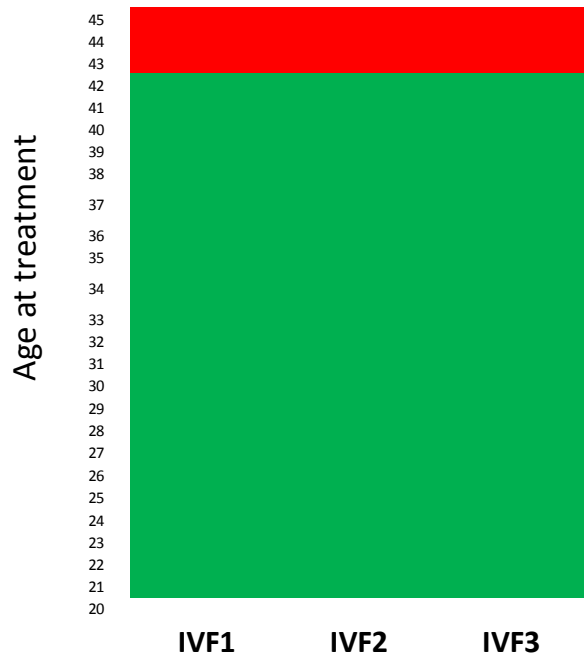
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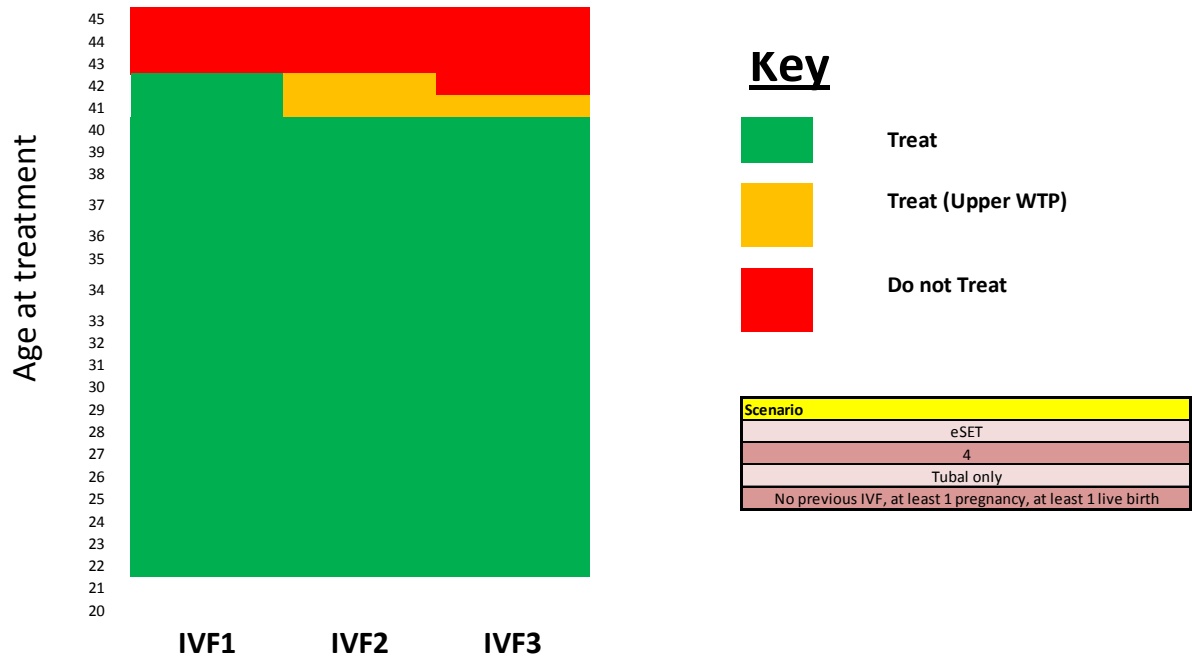
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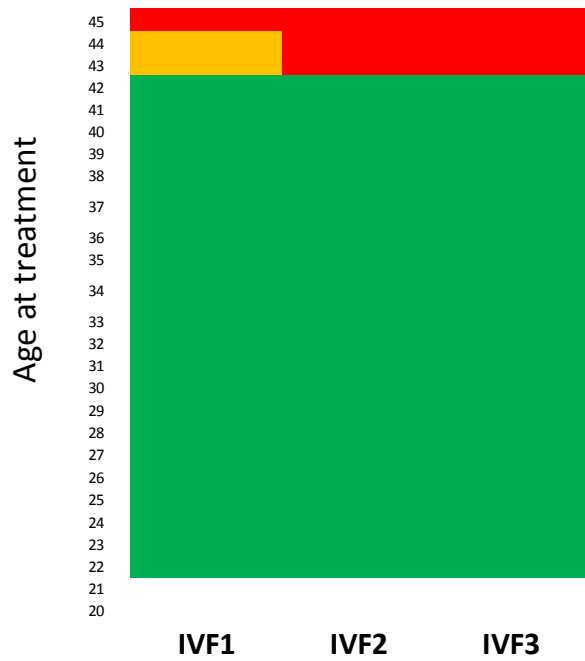
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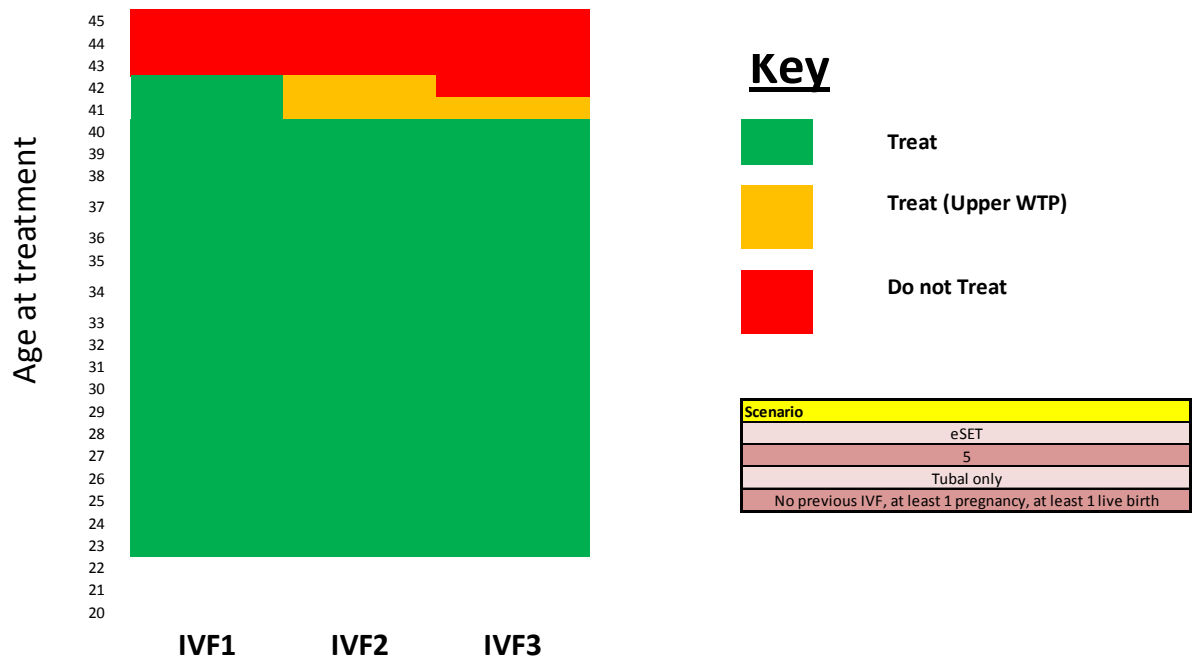
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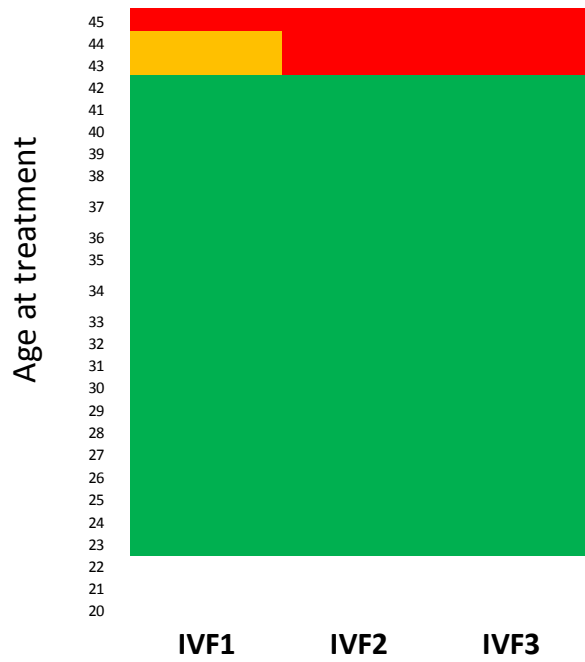
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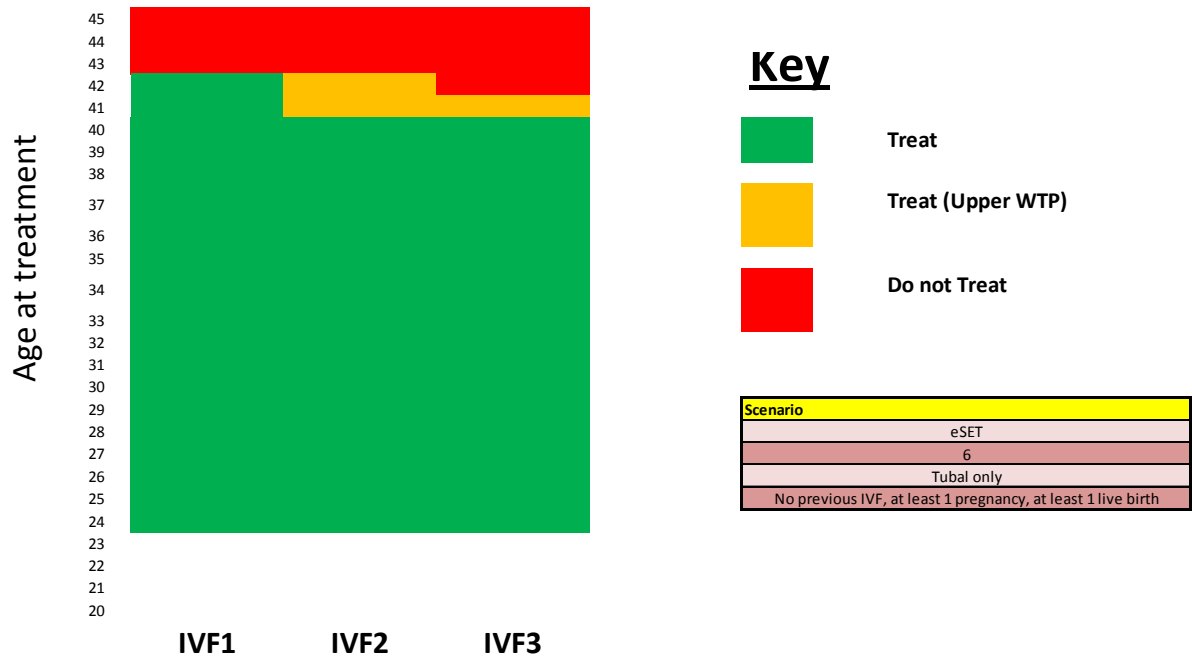
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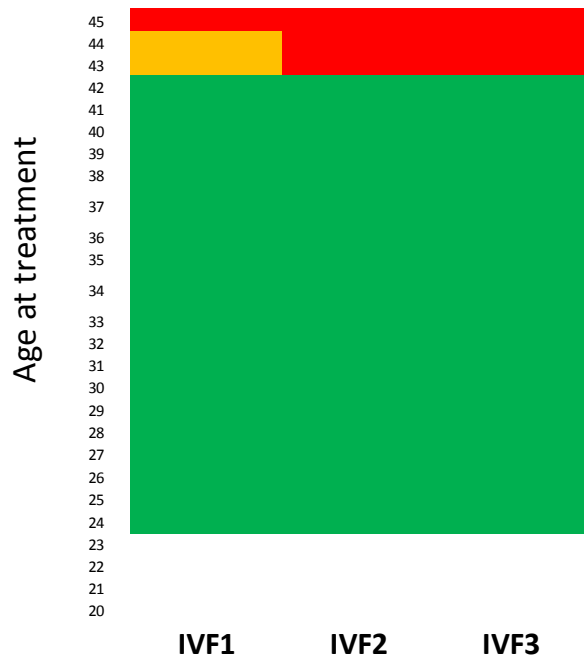
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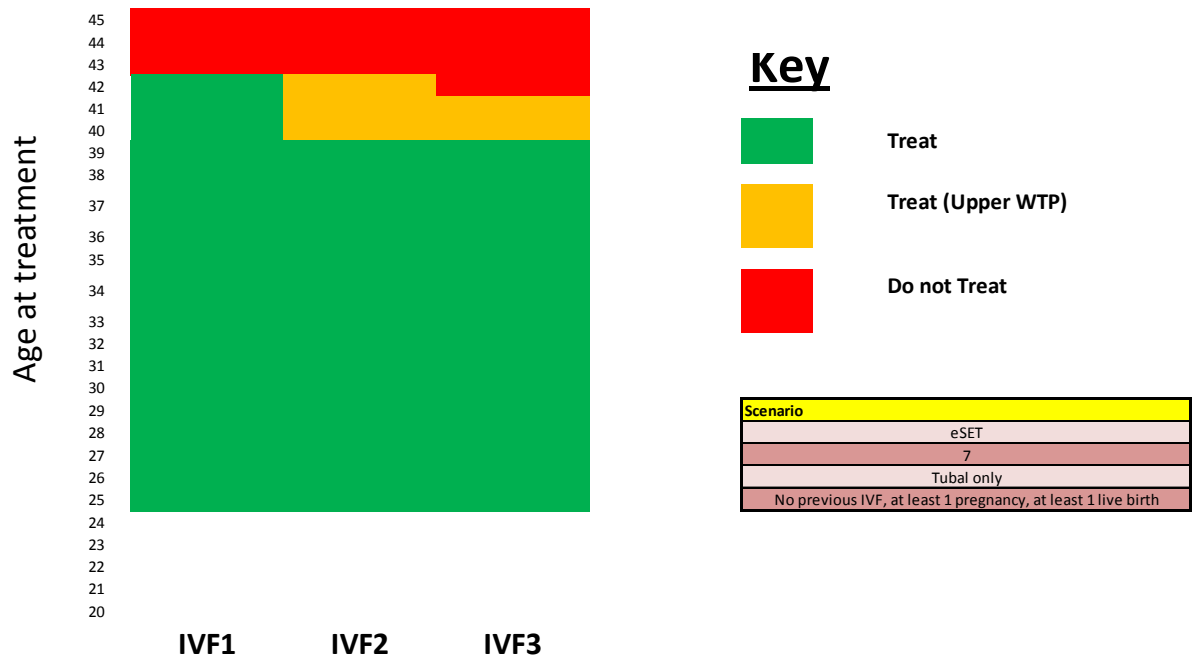
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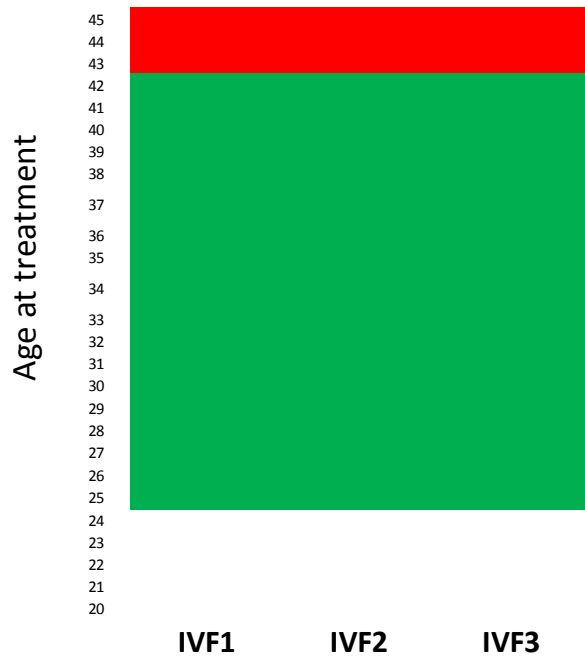
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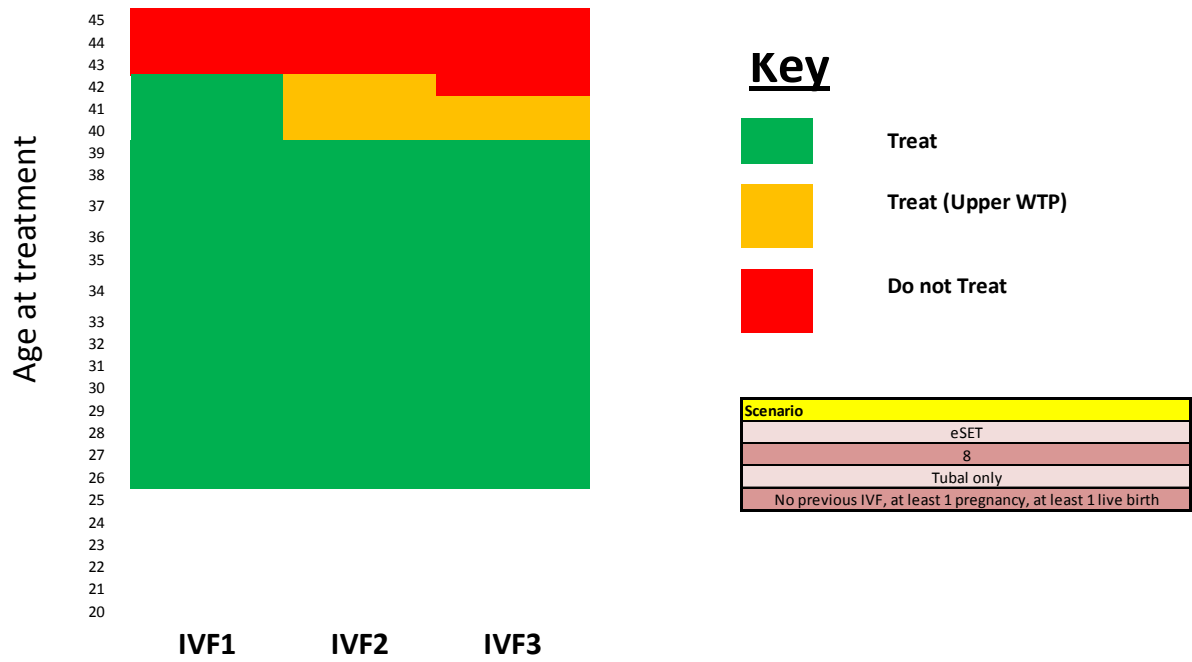
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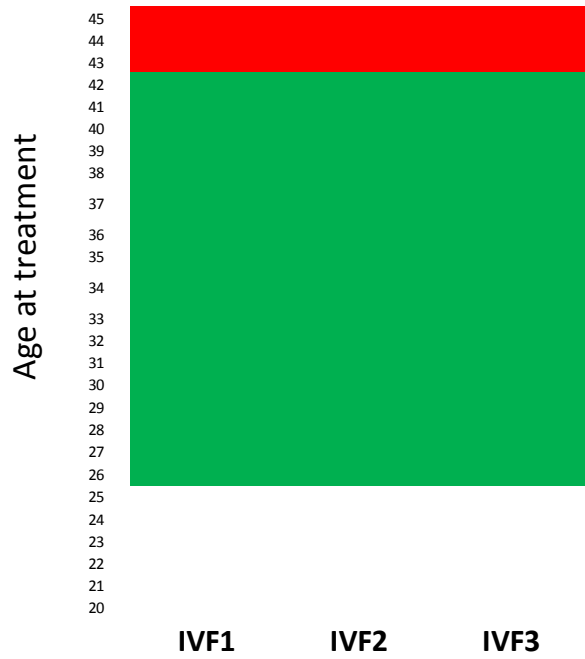
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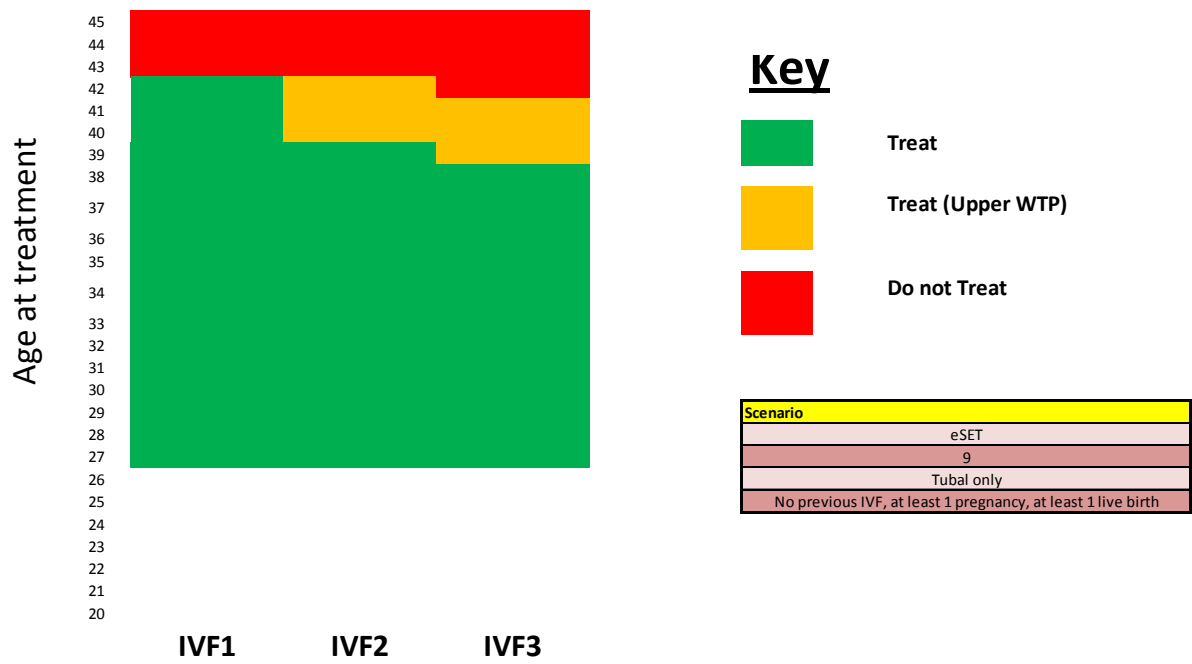
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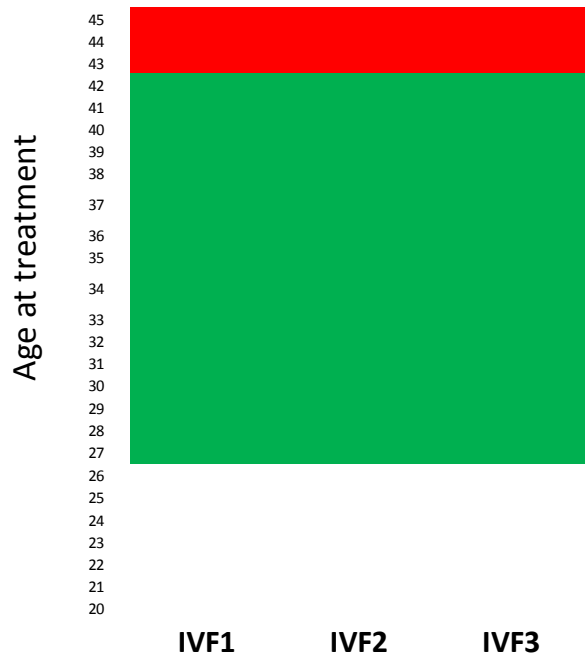
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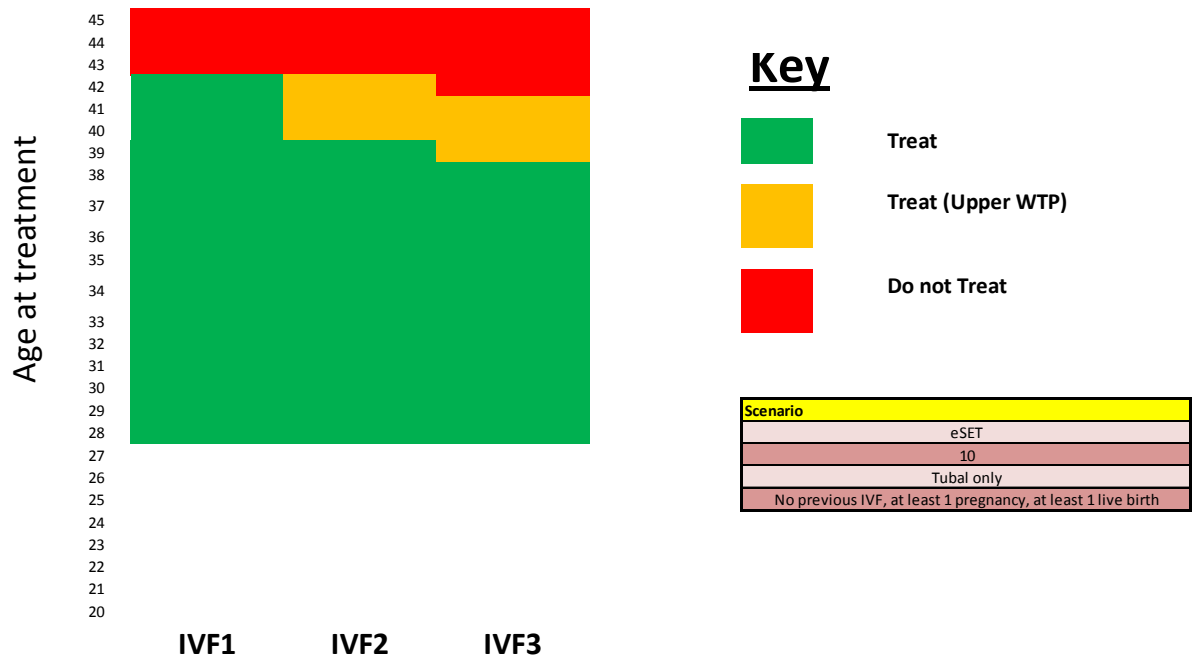
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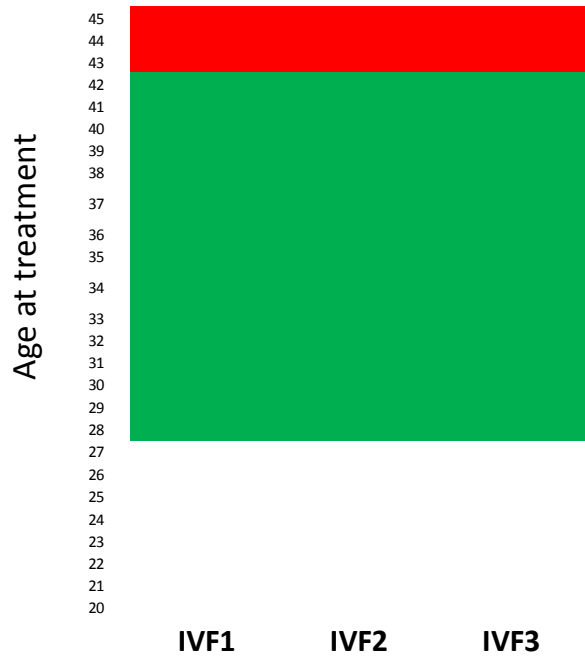
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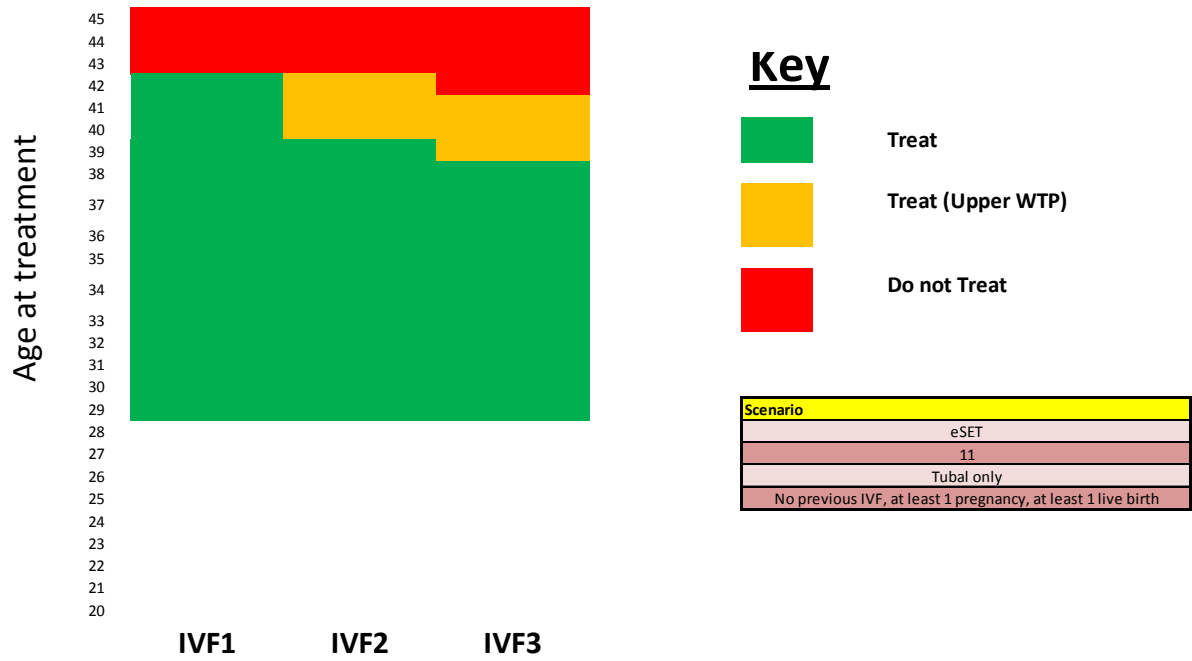
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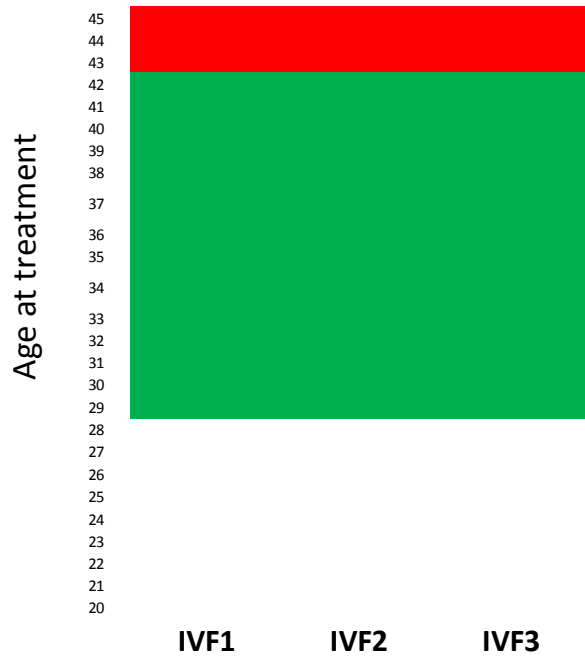
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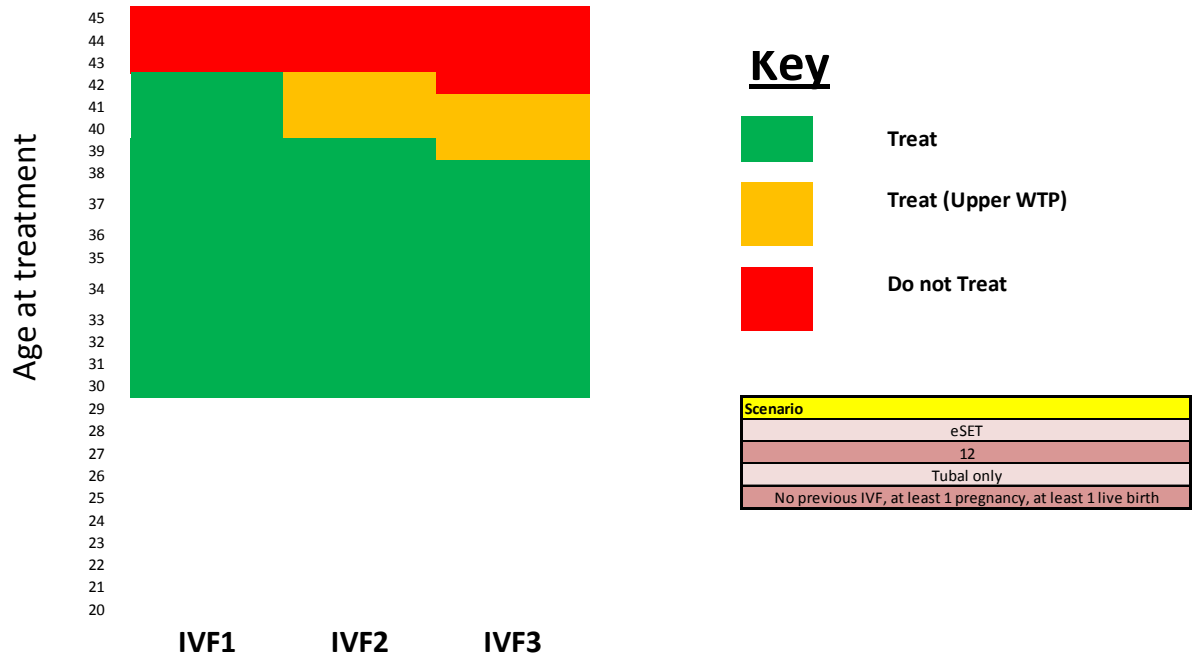
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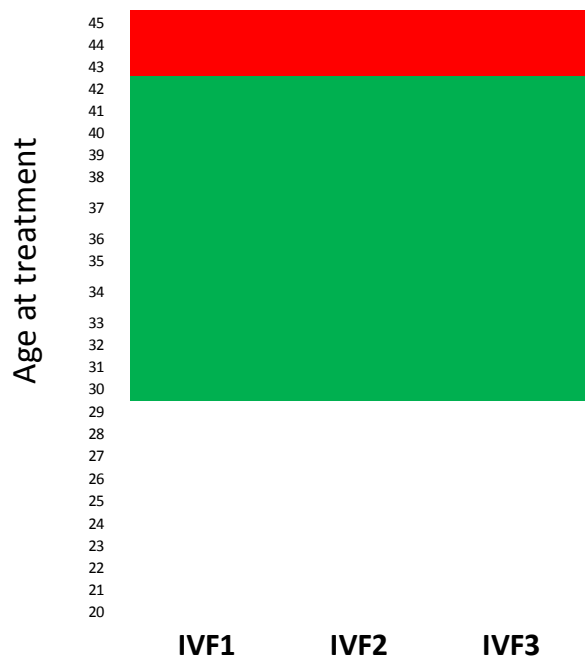
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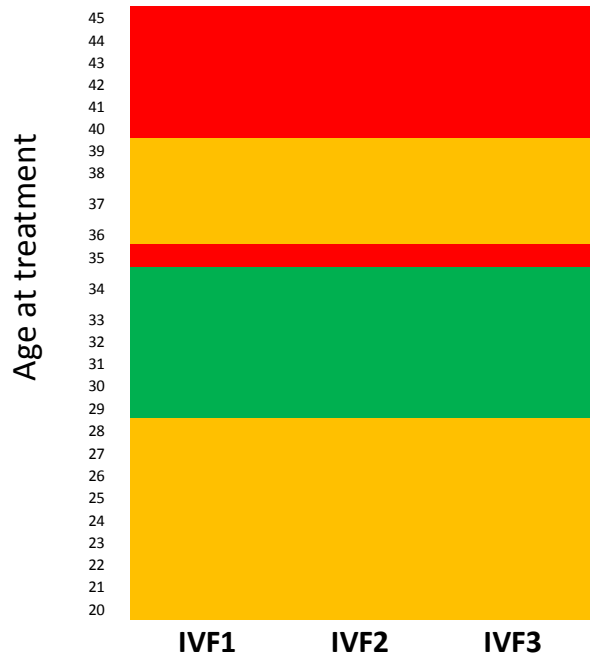
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DET



eSET

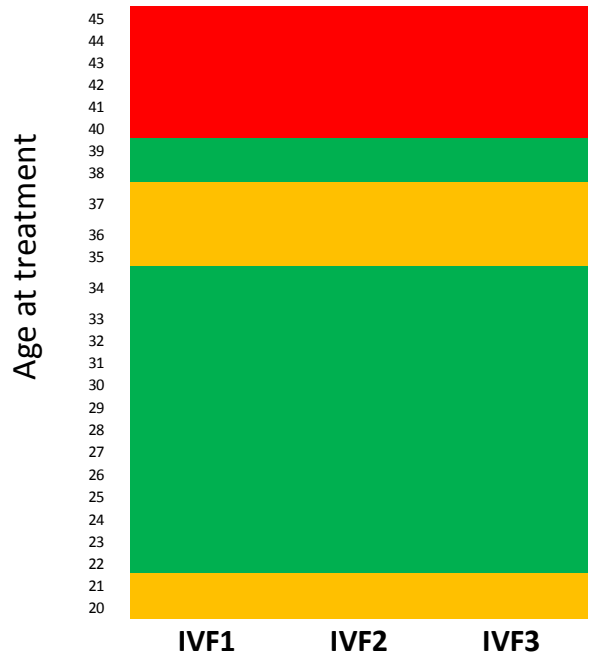


Key

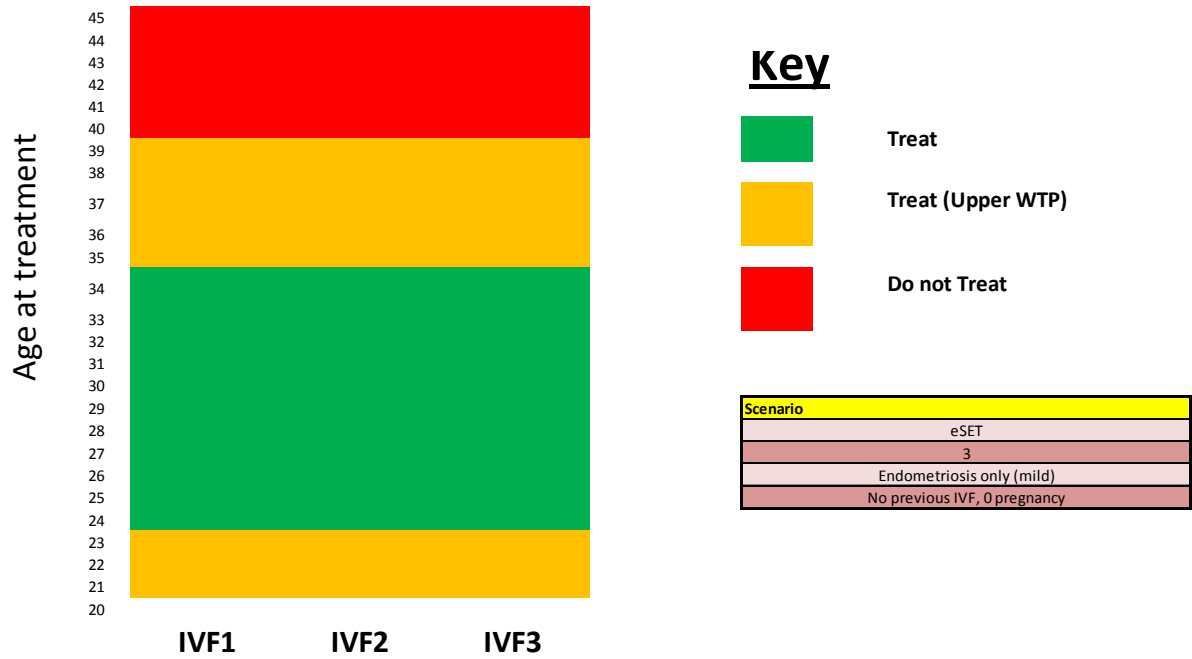
- Treat
- Treat (Upper WTP)
- Do not Treat

Scenario
eSET
2
Endometriosis only (mild)
No previous IVF, 0 pregnancy

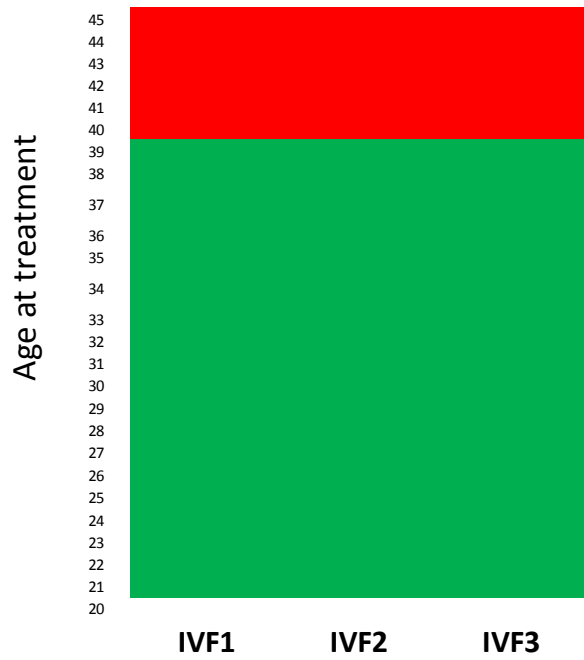
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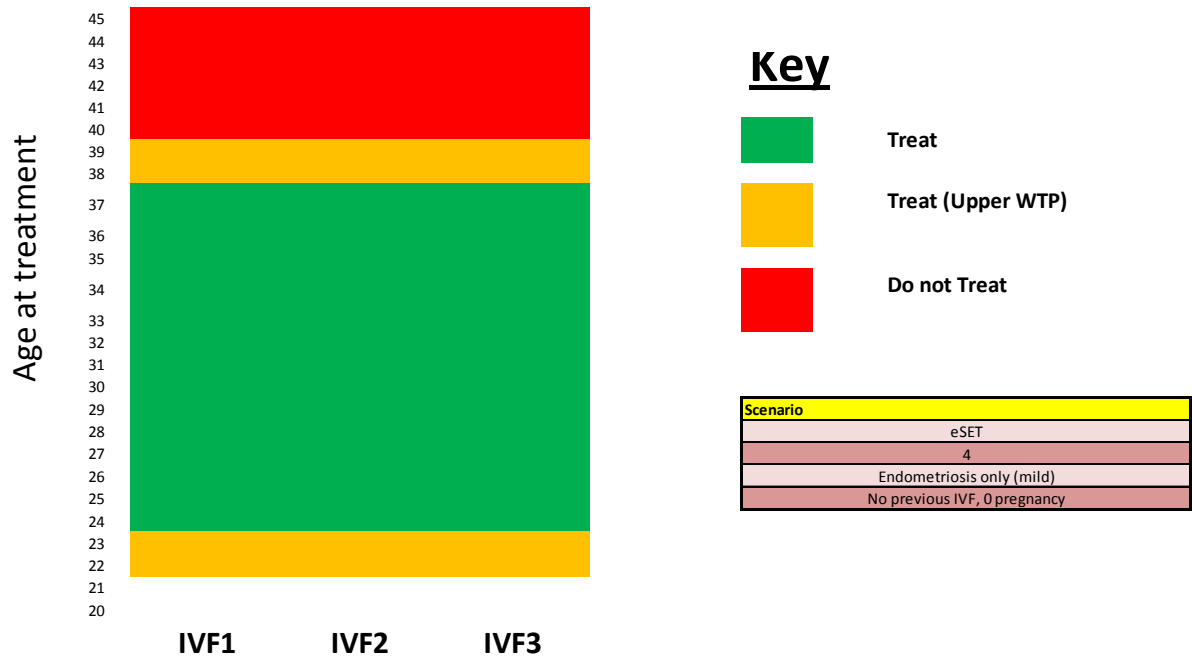
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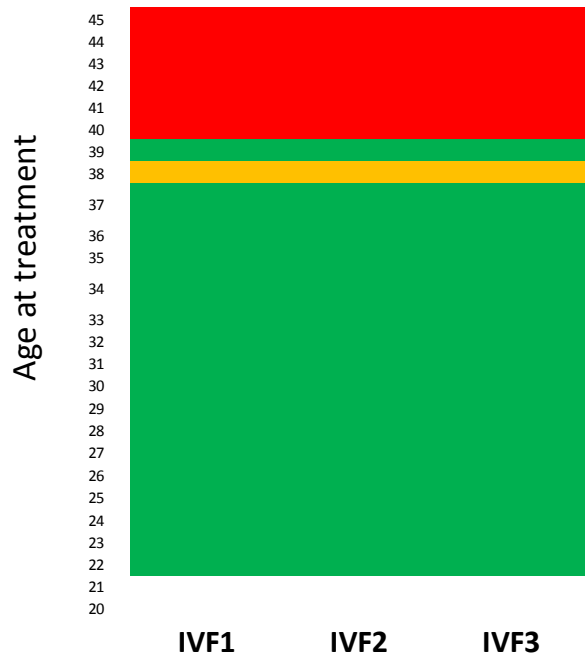
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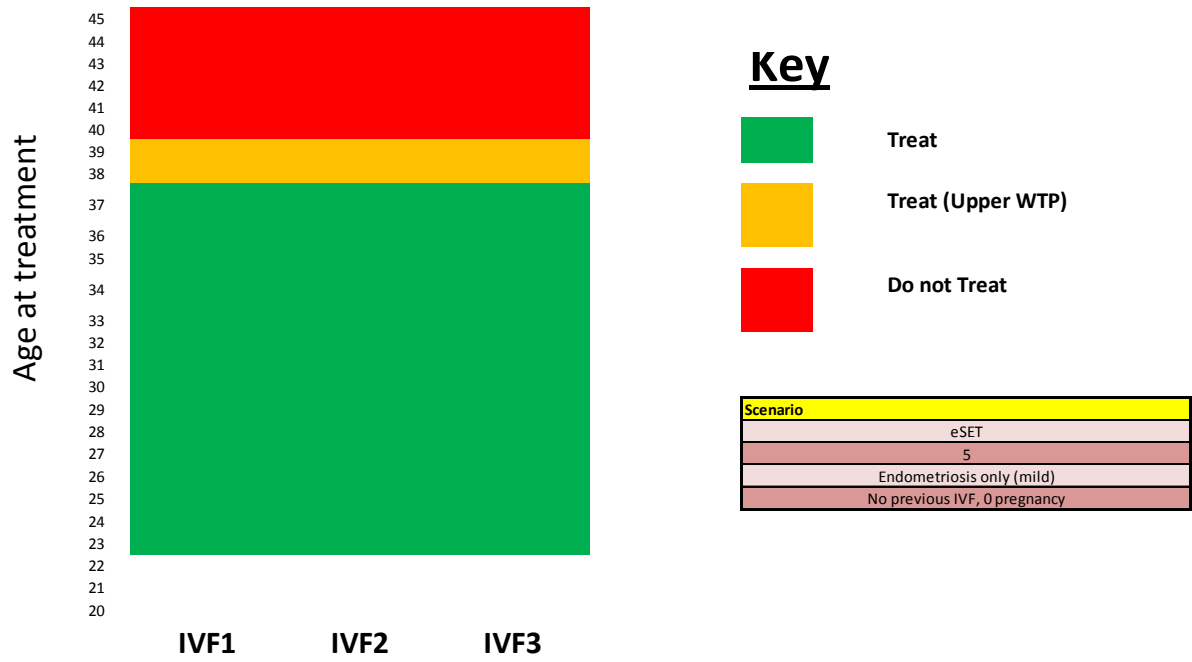
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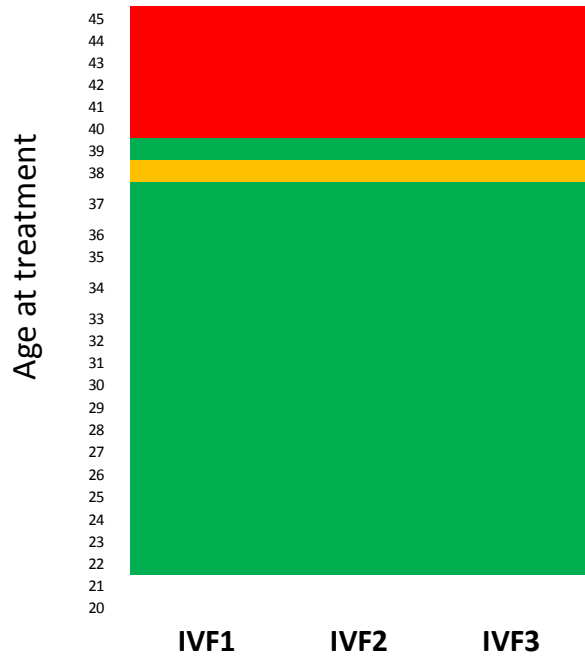
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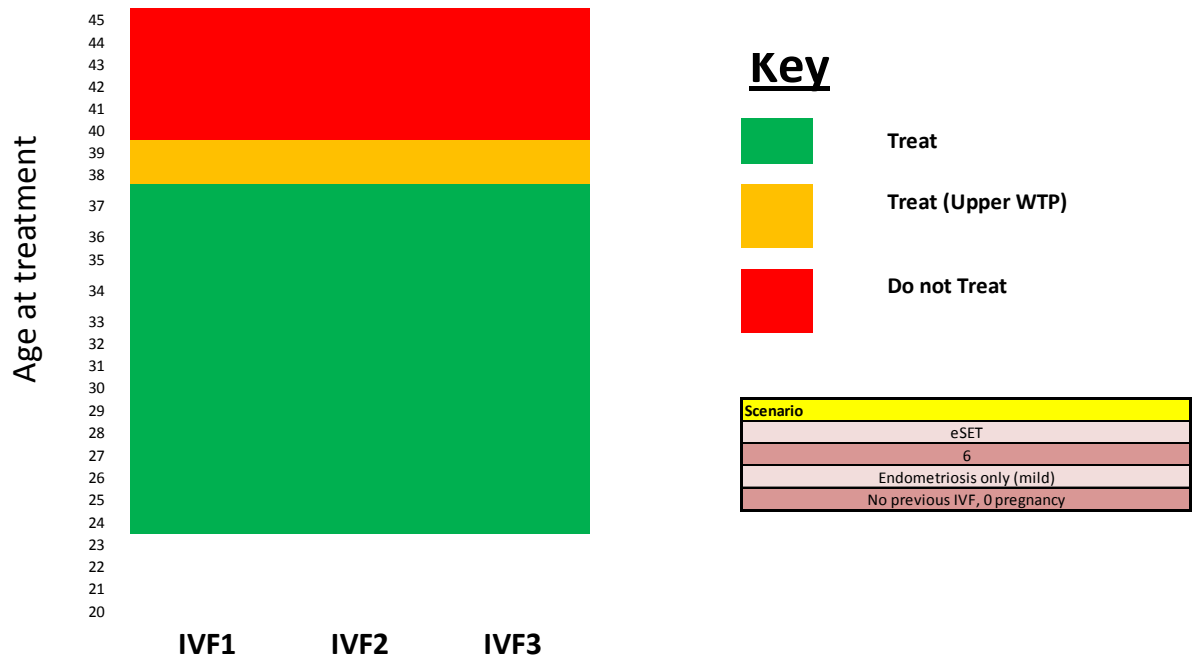
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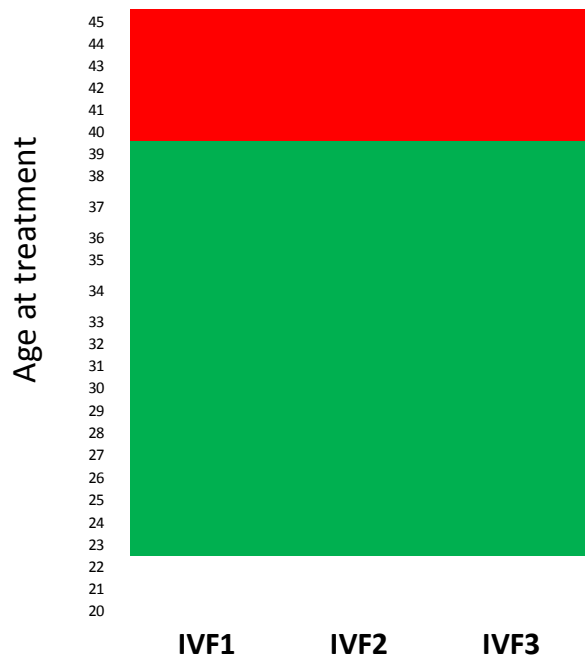
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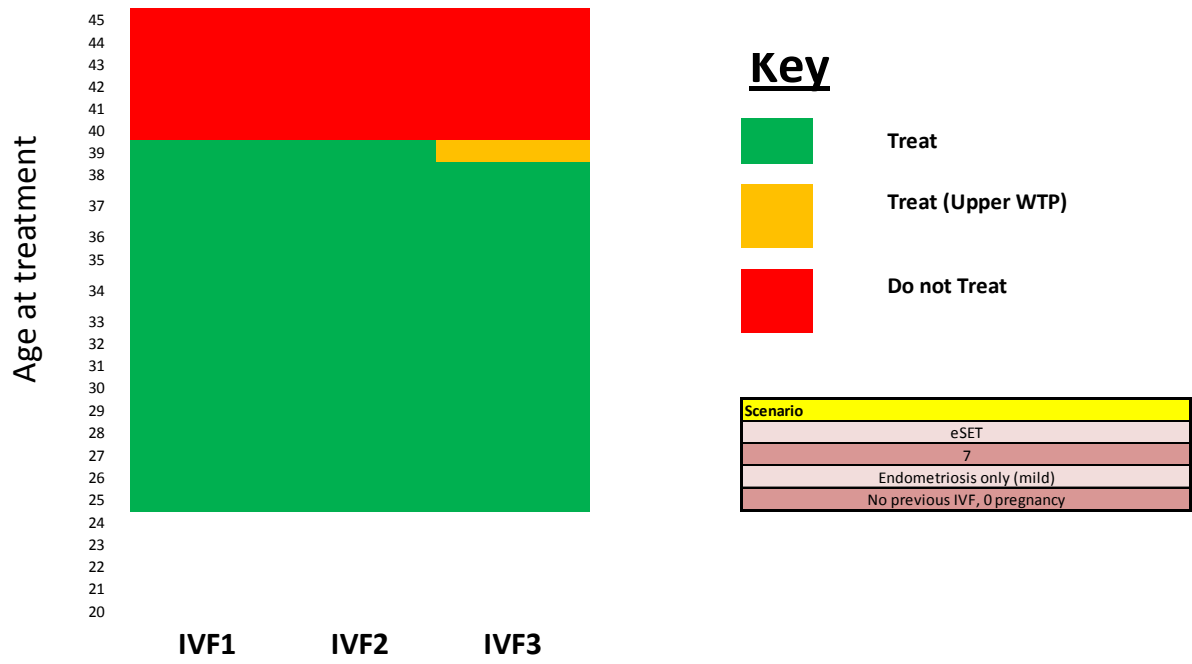
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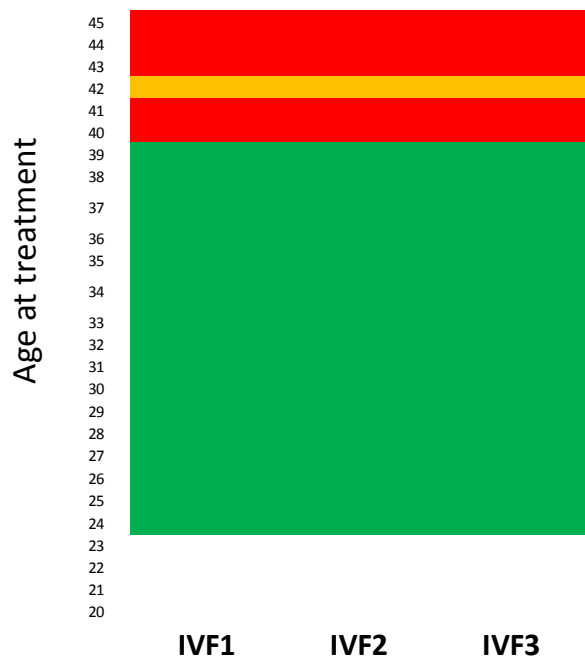
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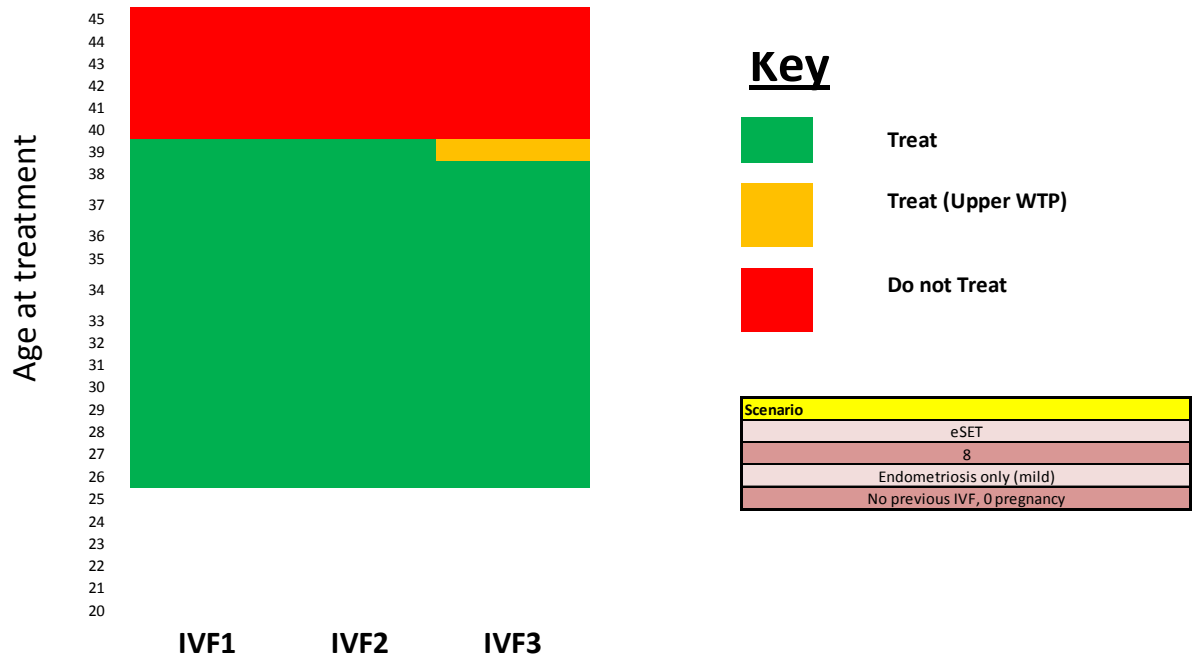
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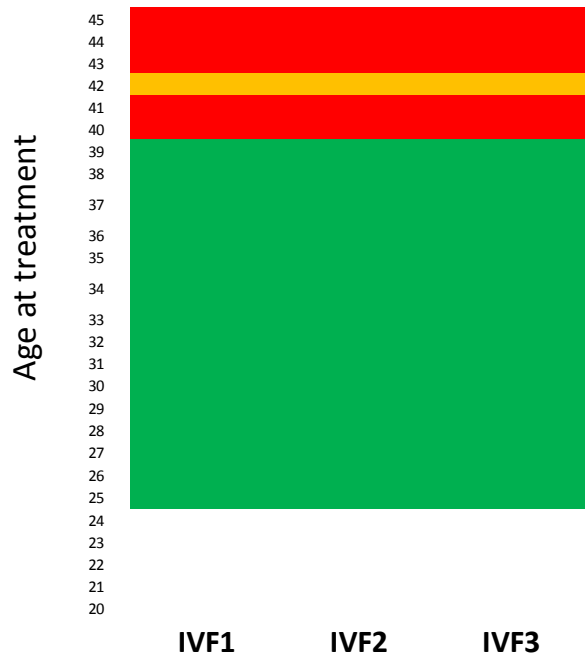
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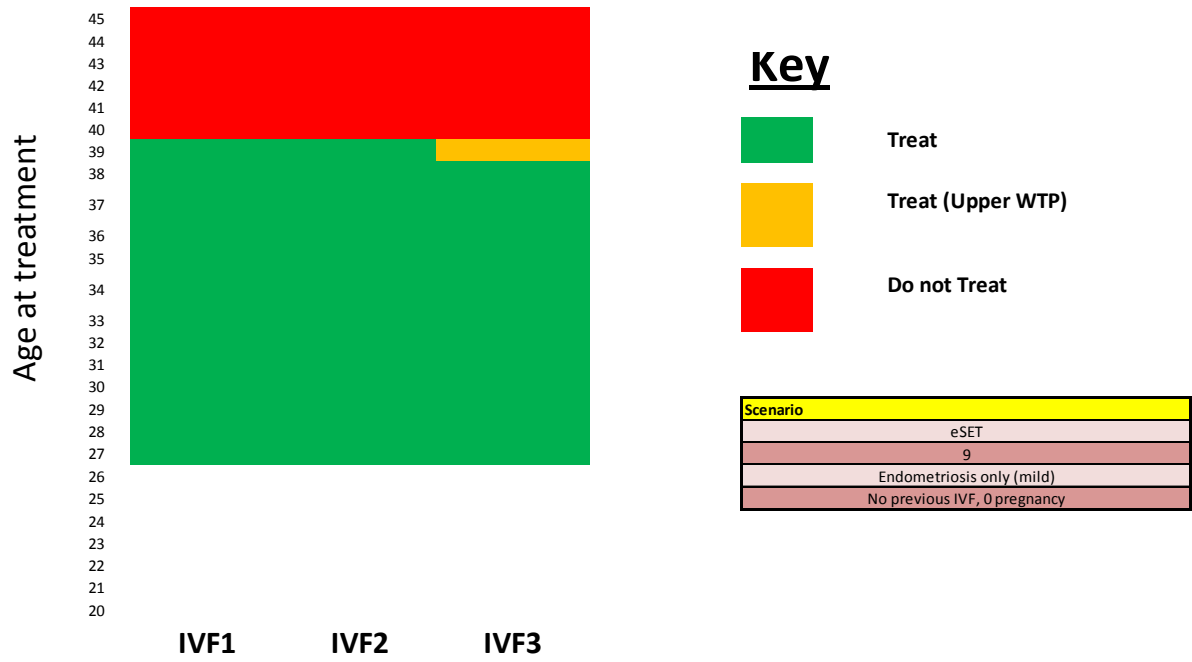
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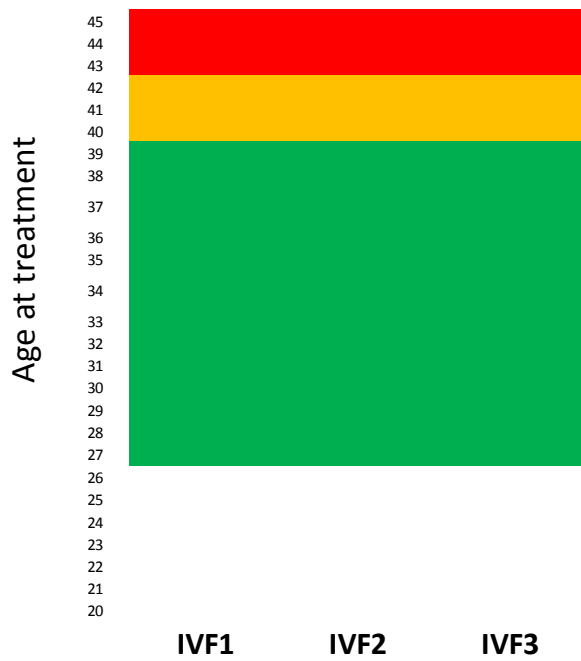
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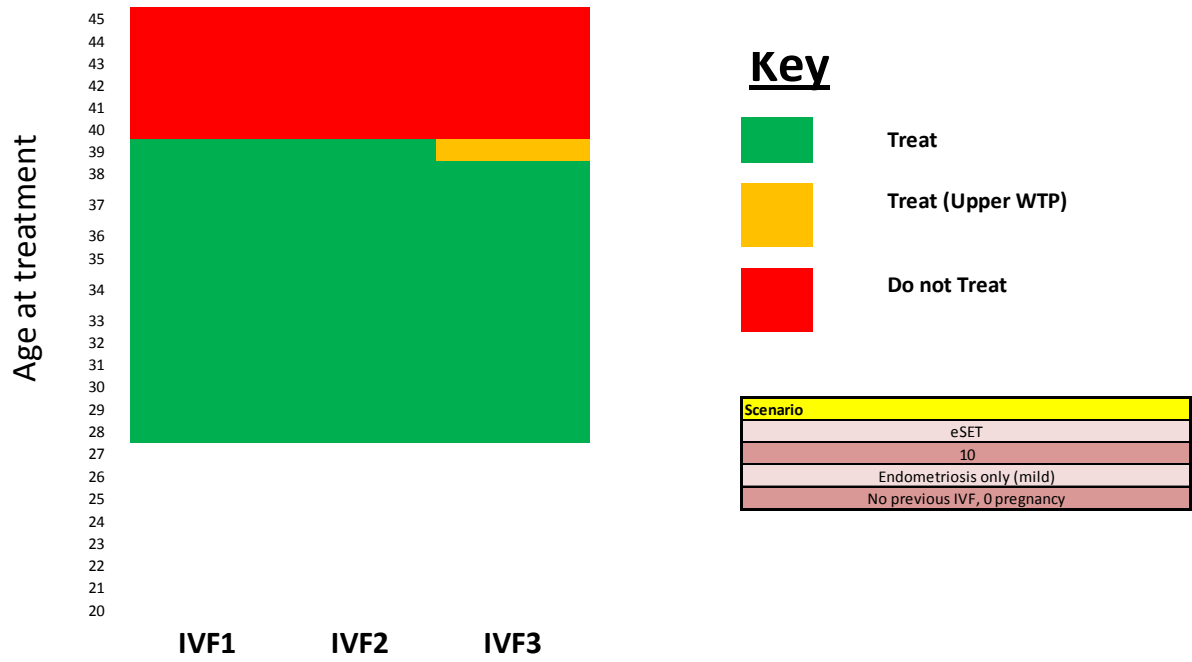
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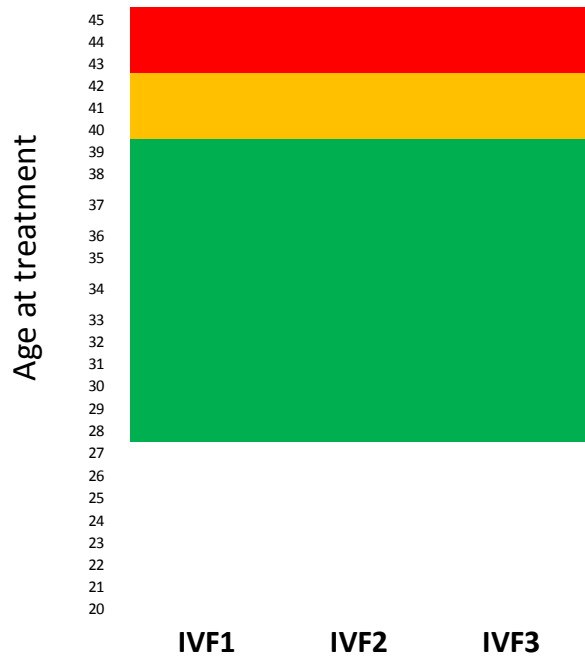
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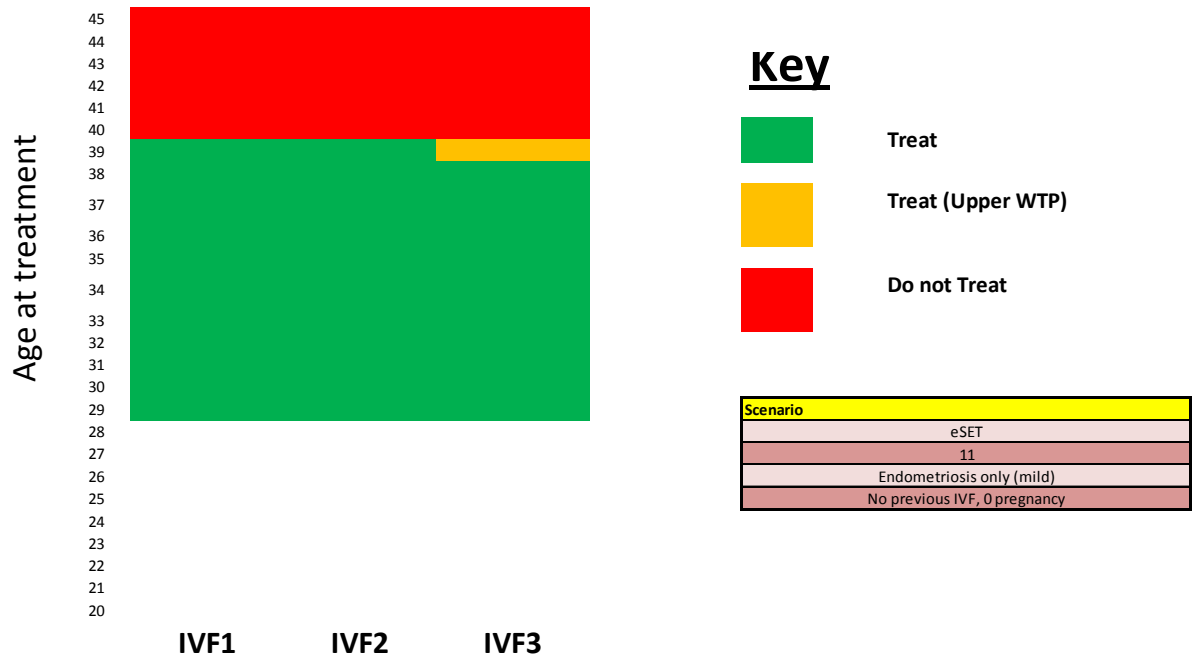
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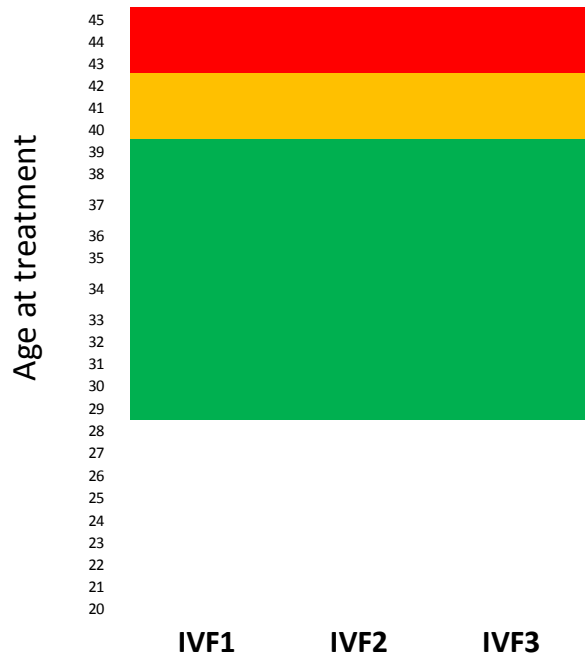
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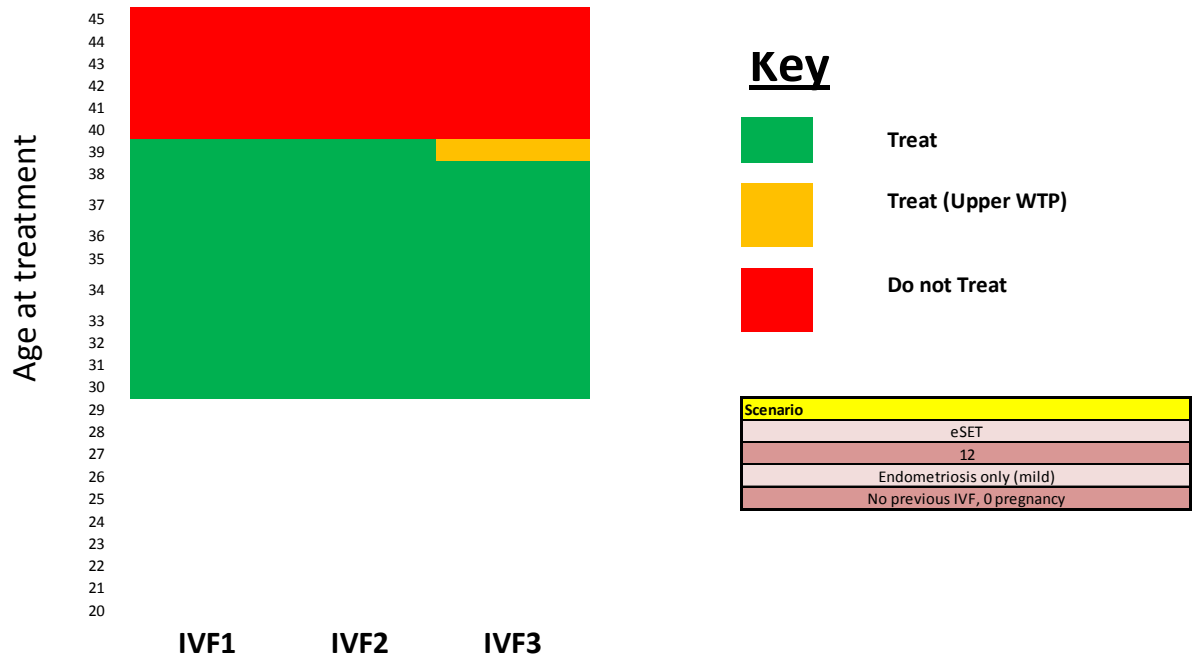
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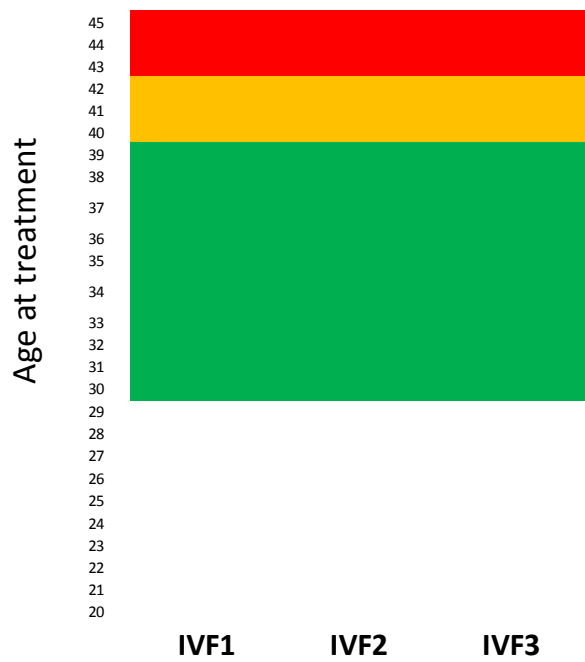
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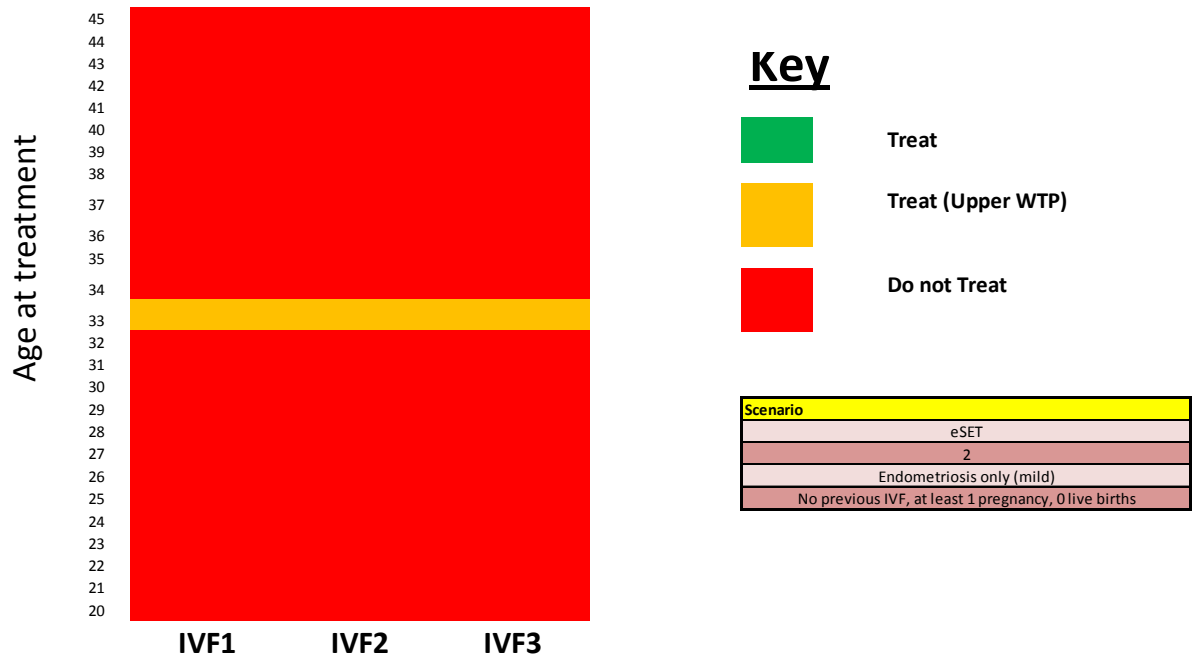
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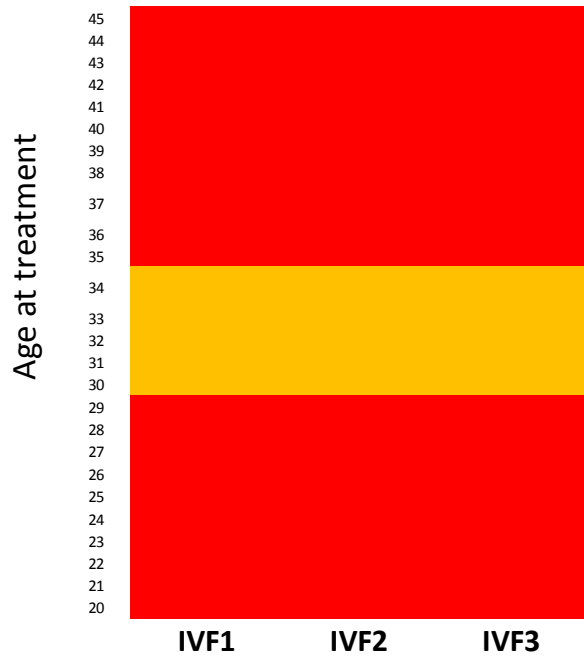
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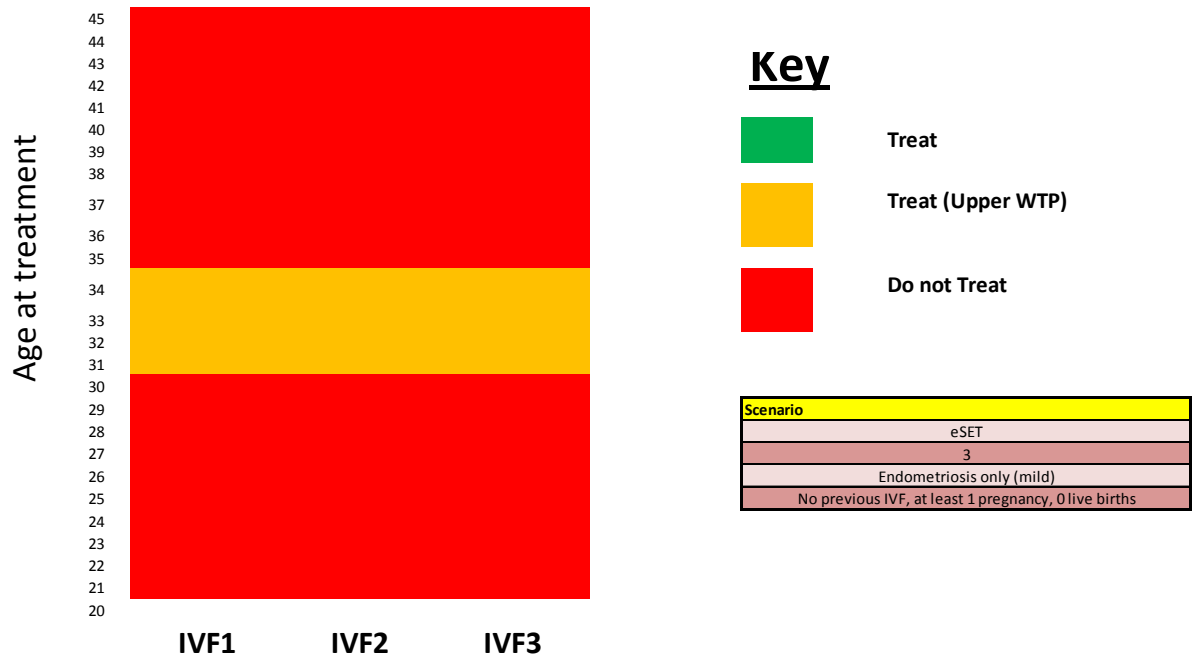
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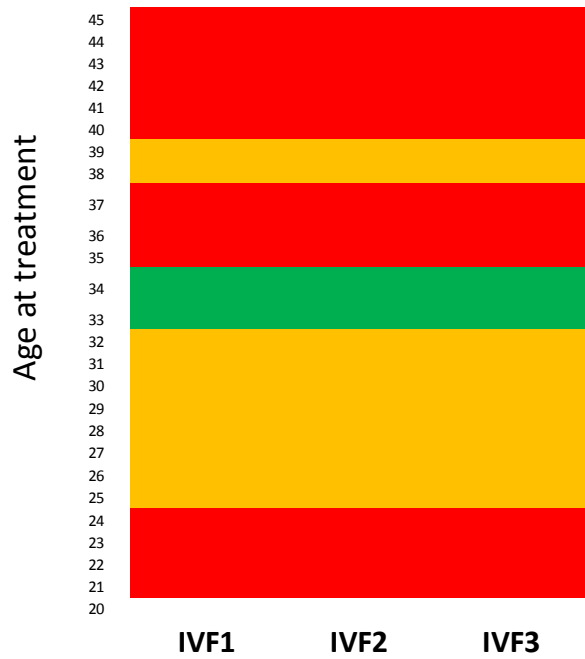
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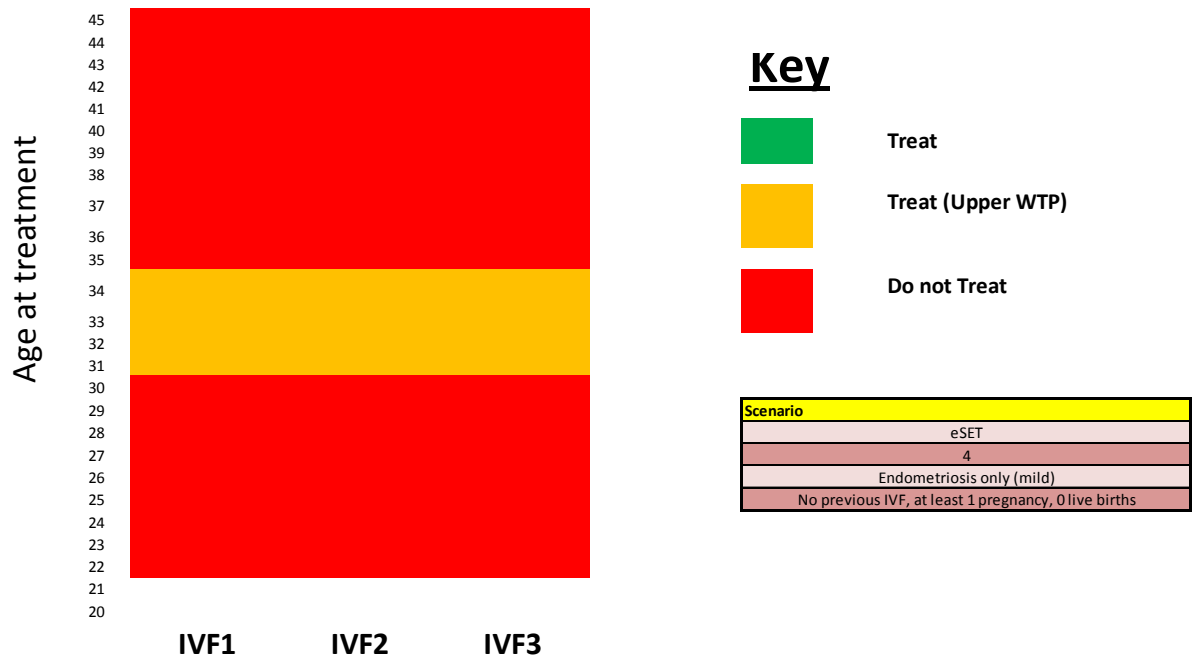
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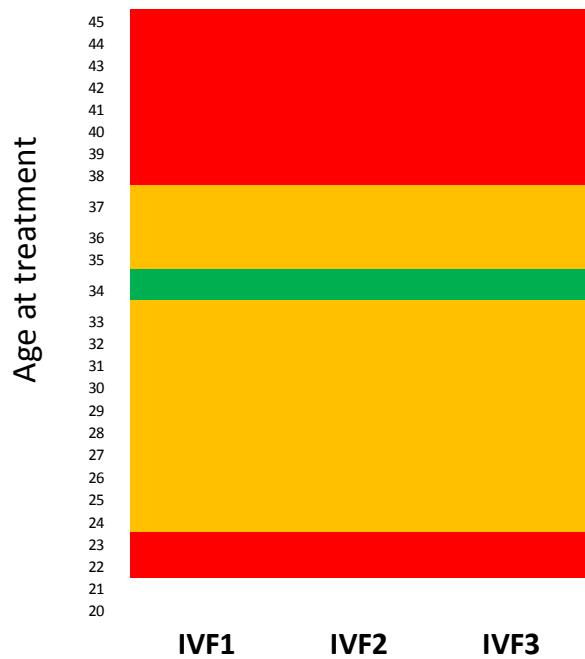
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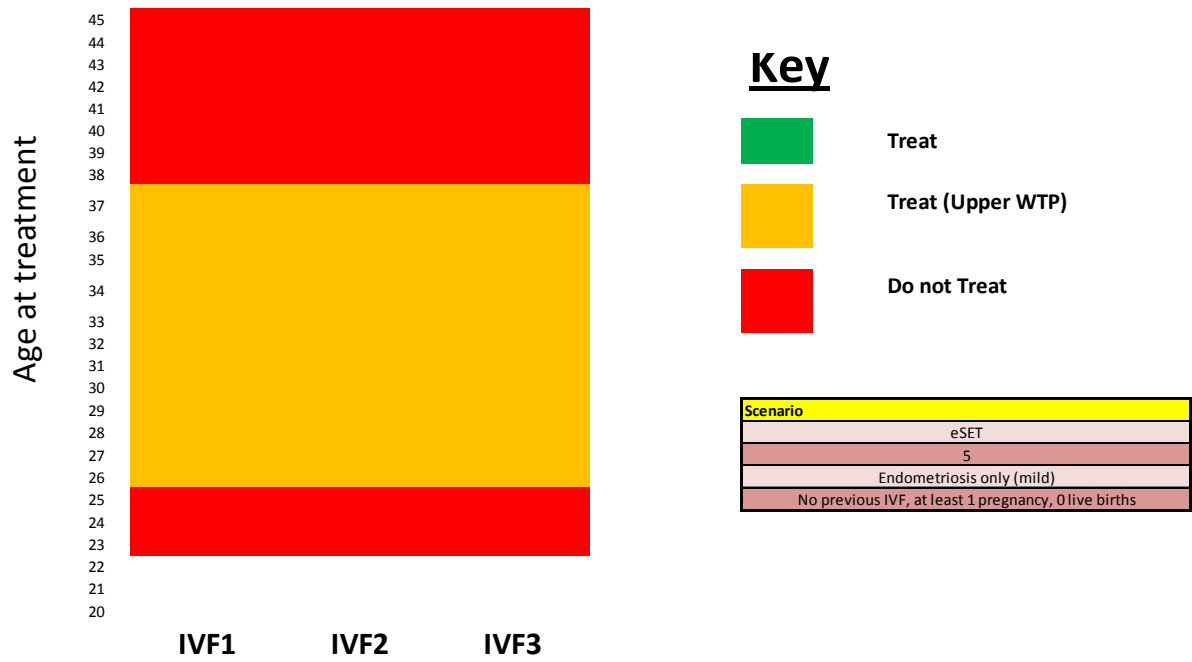
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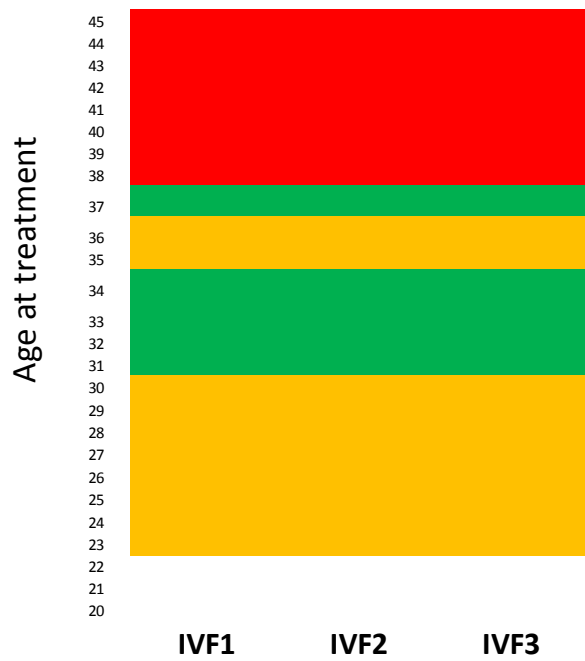
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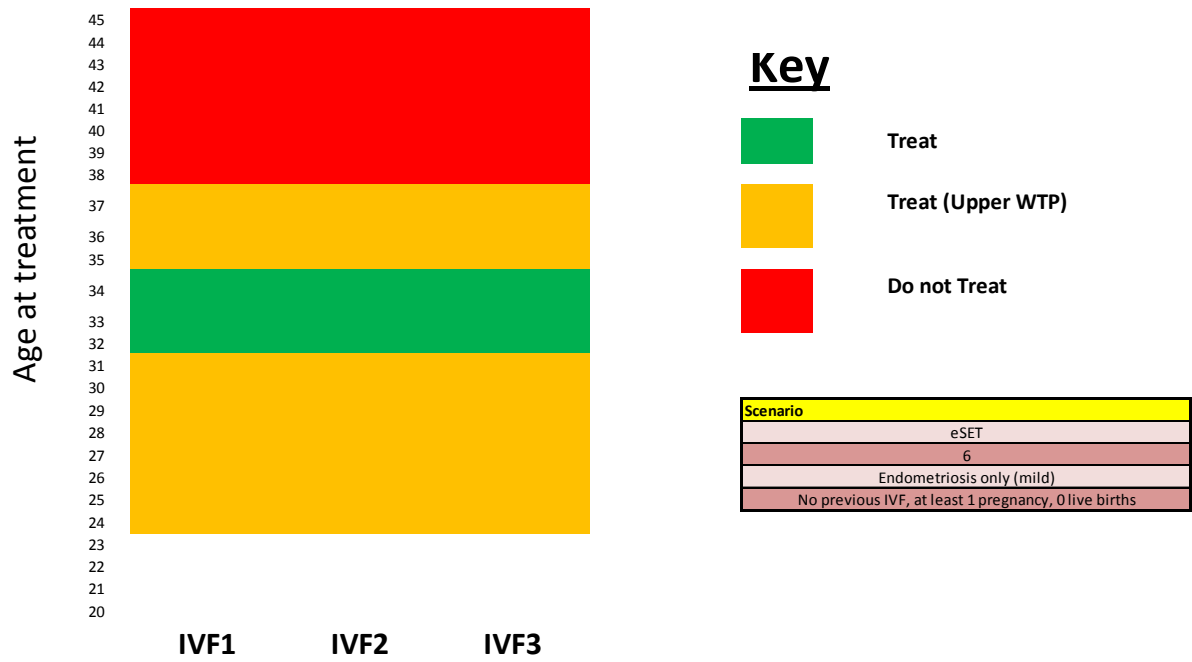
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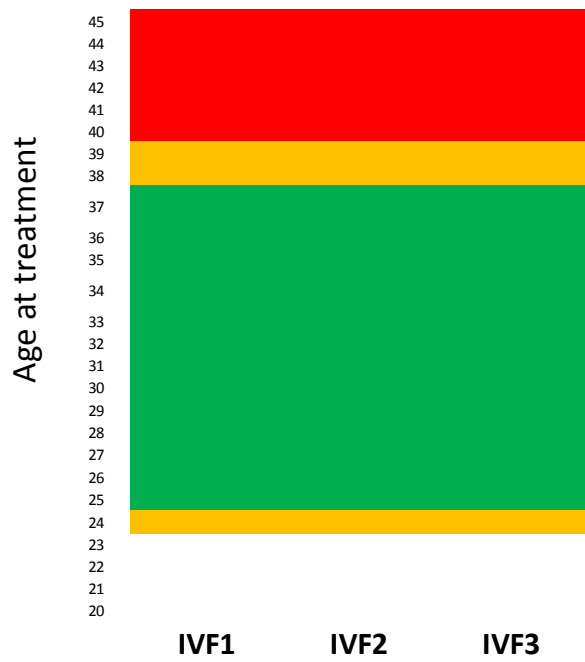
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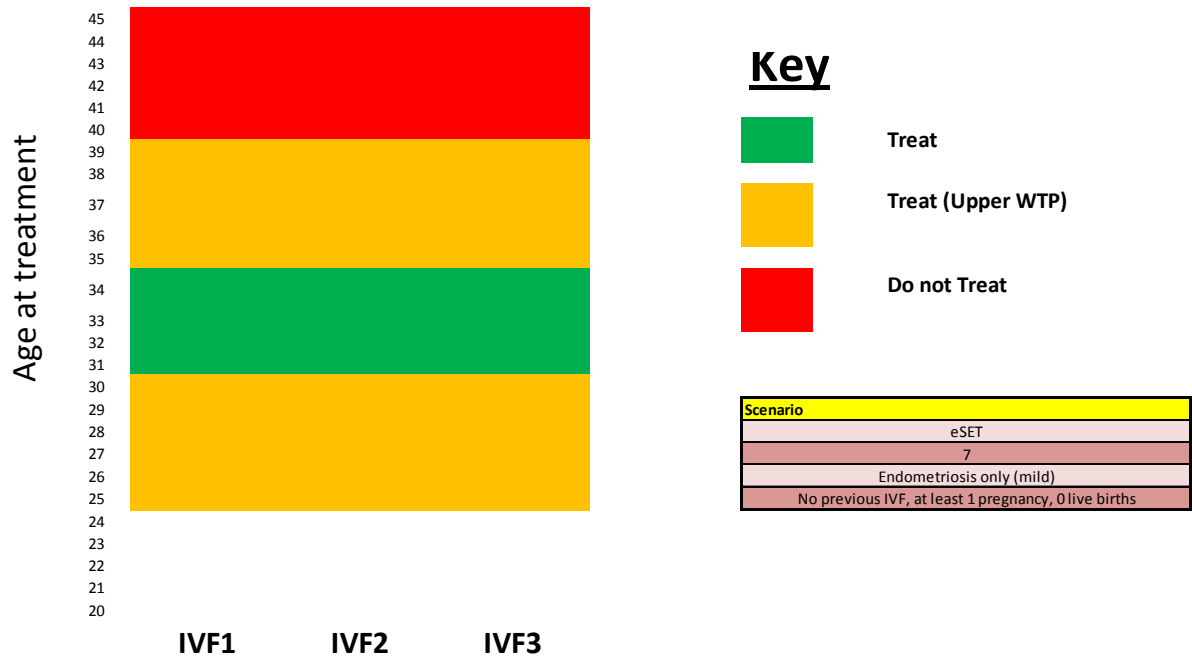
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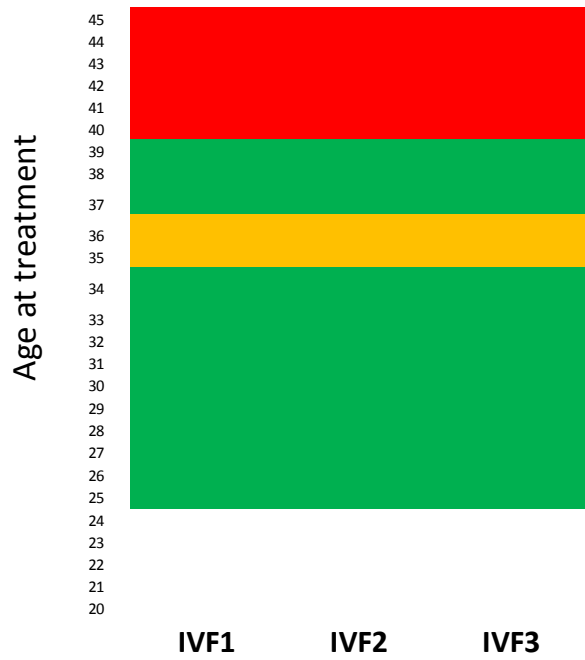
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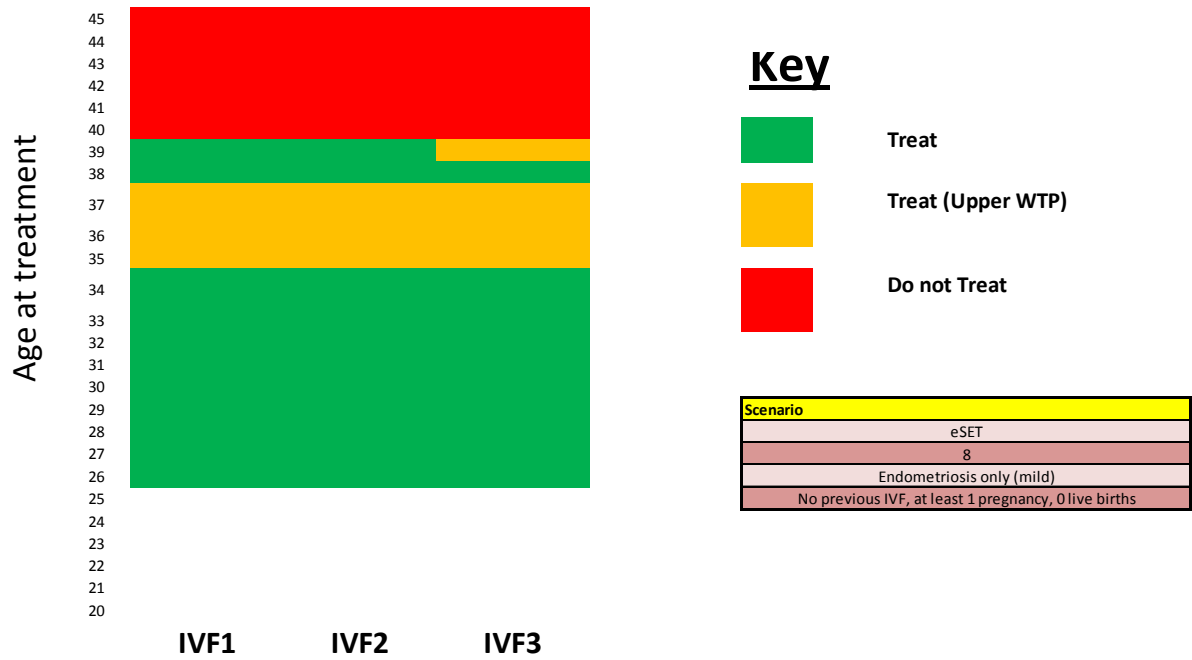
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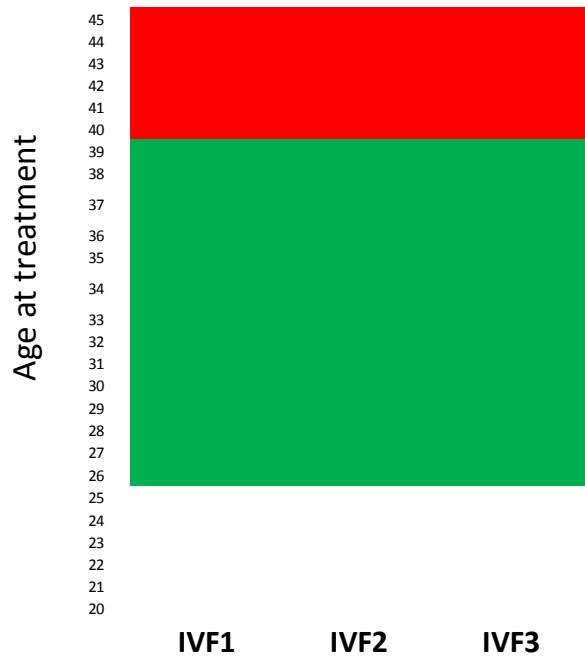
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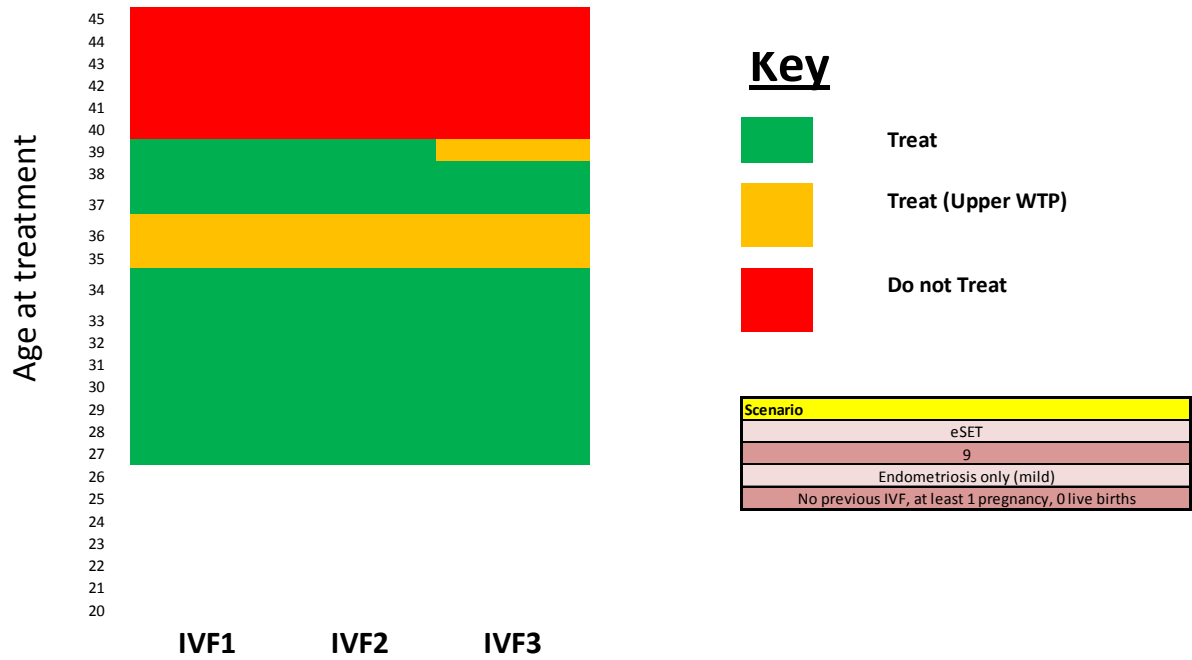
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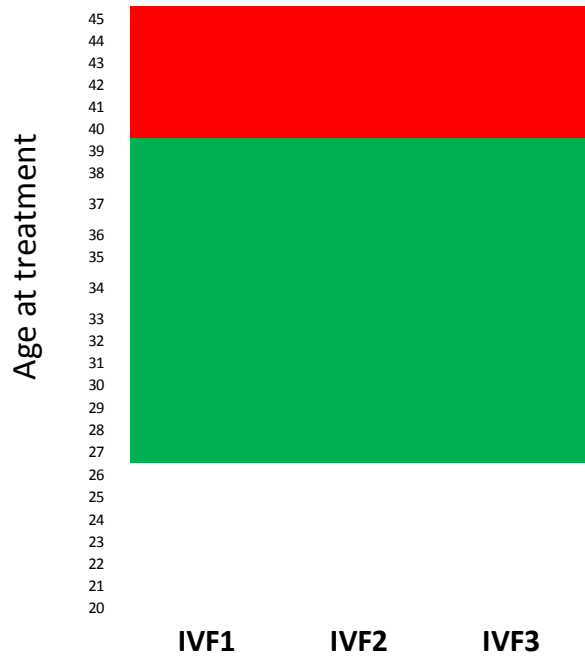
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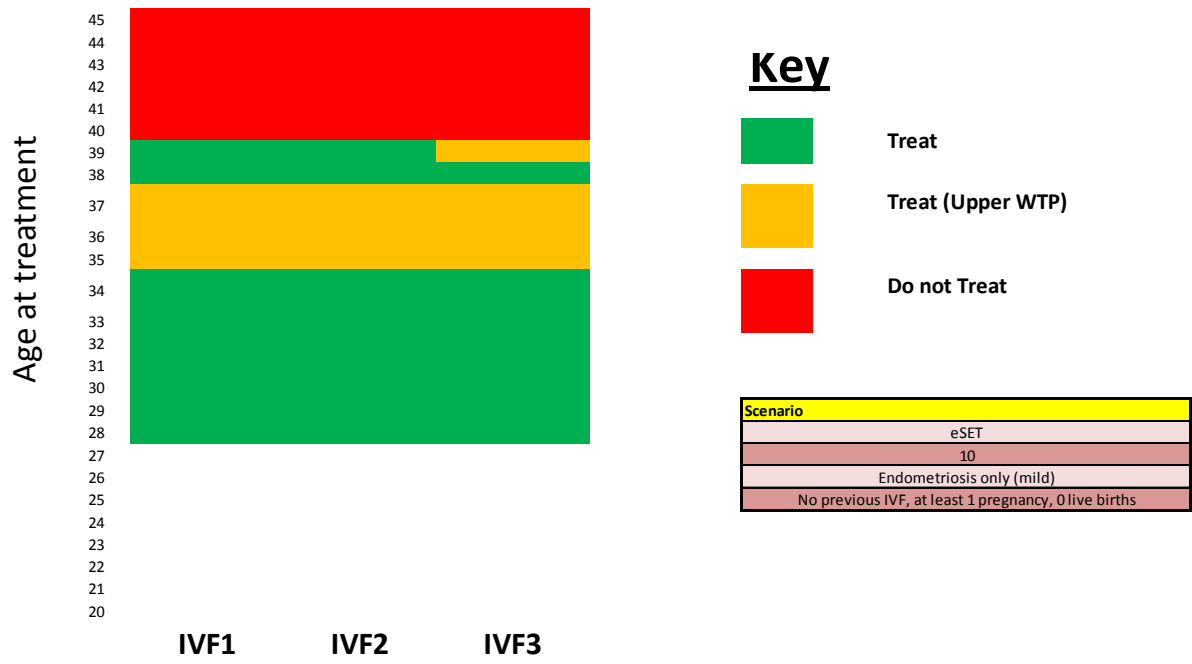
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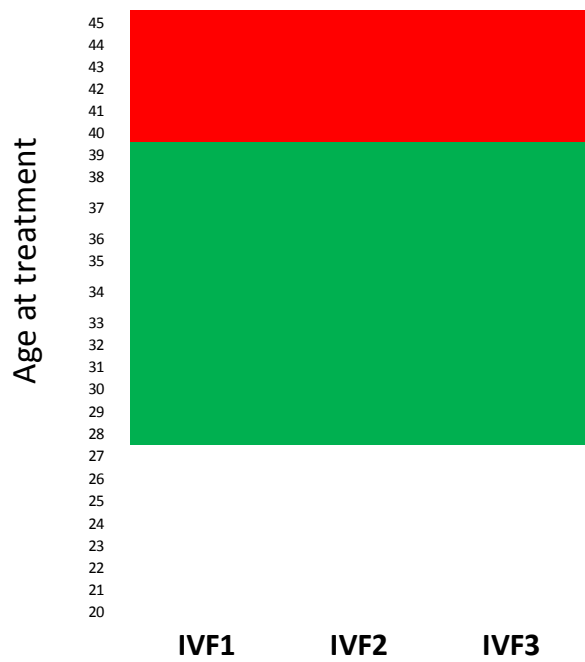
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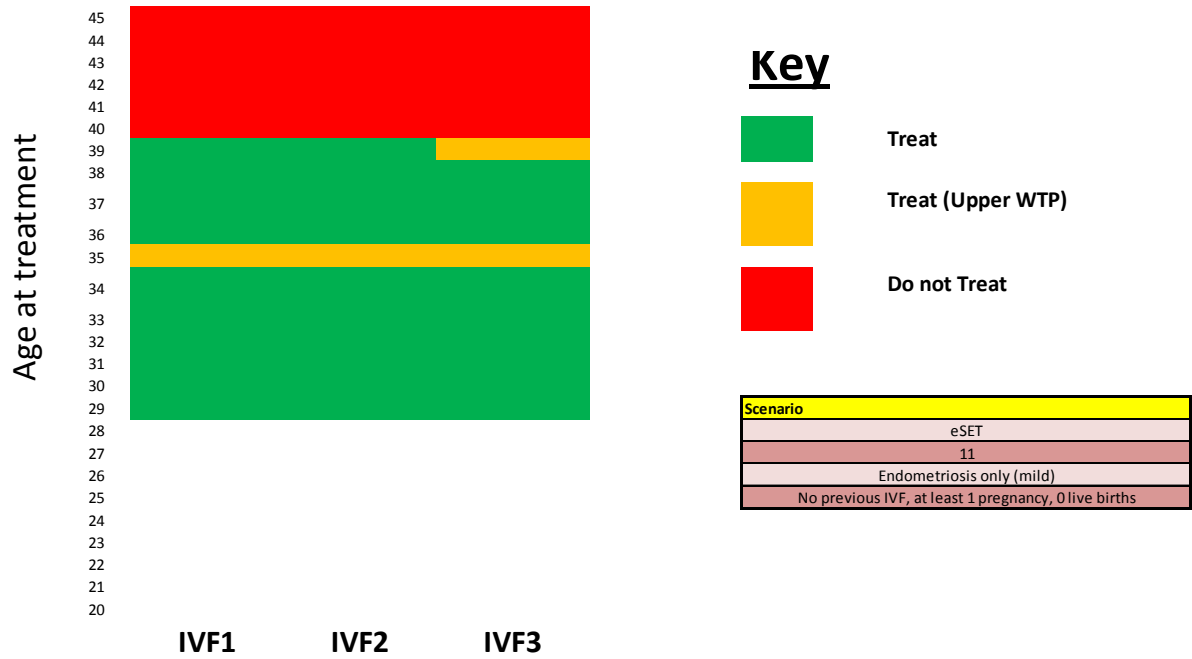
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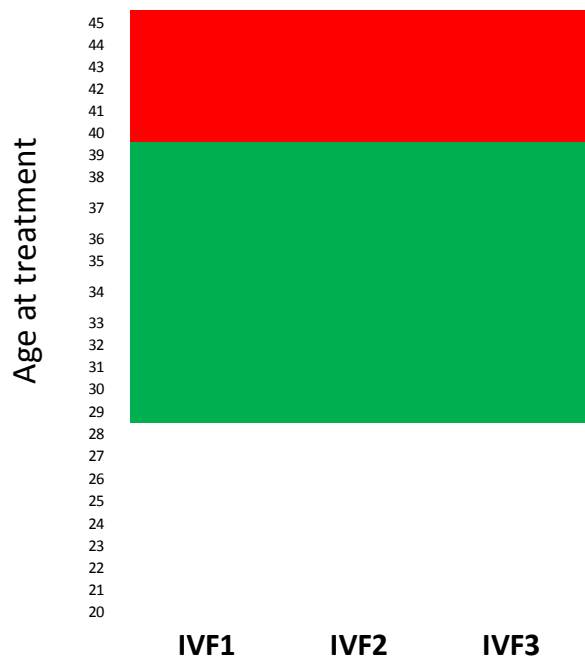
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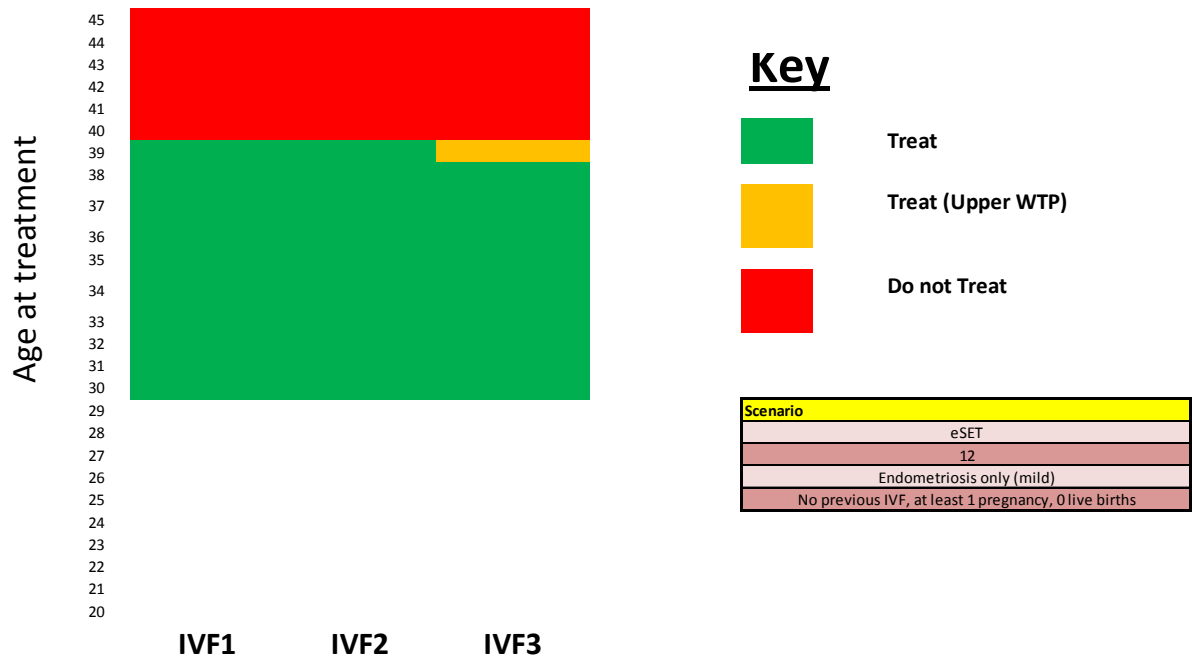
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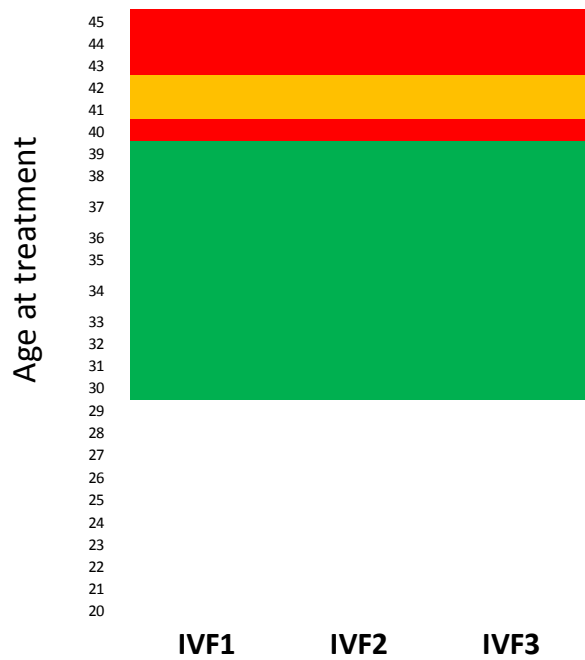
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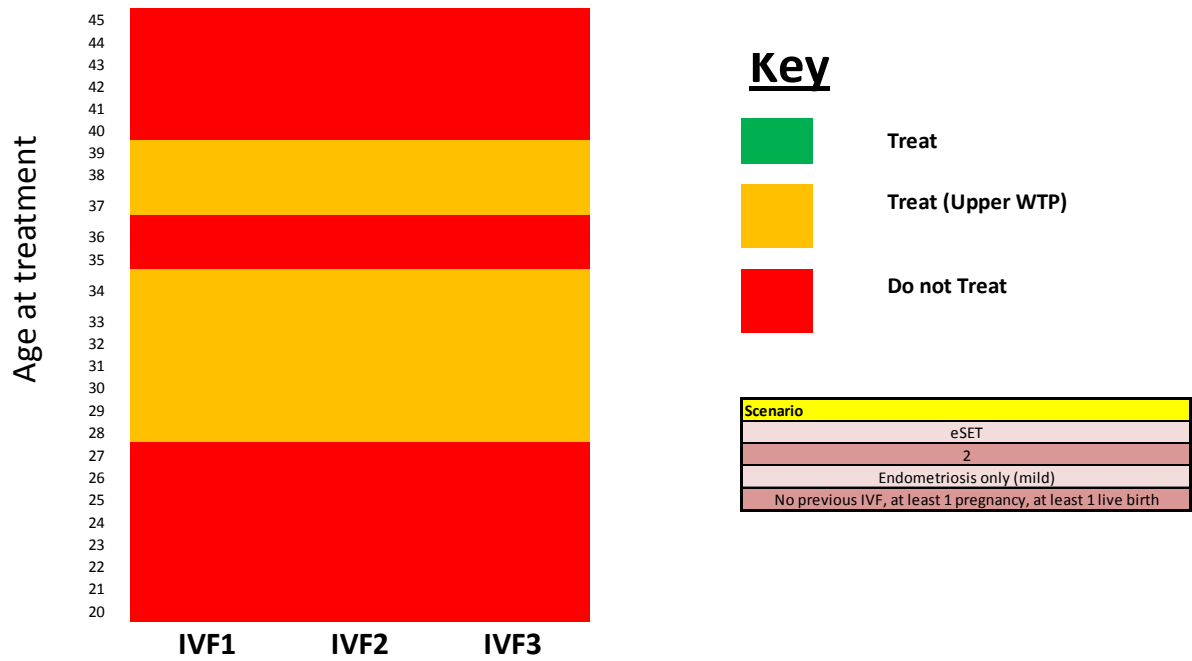
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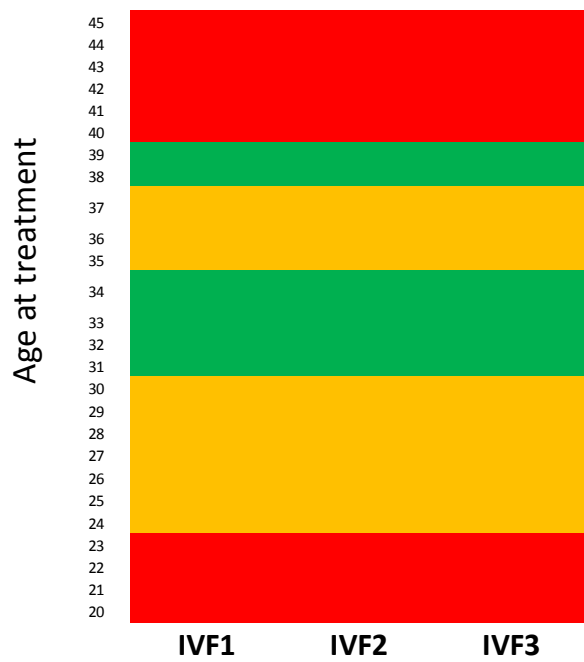
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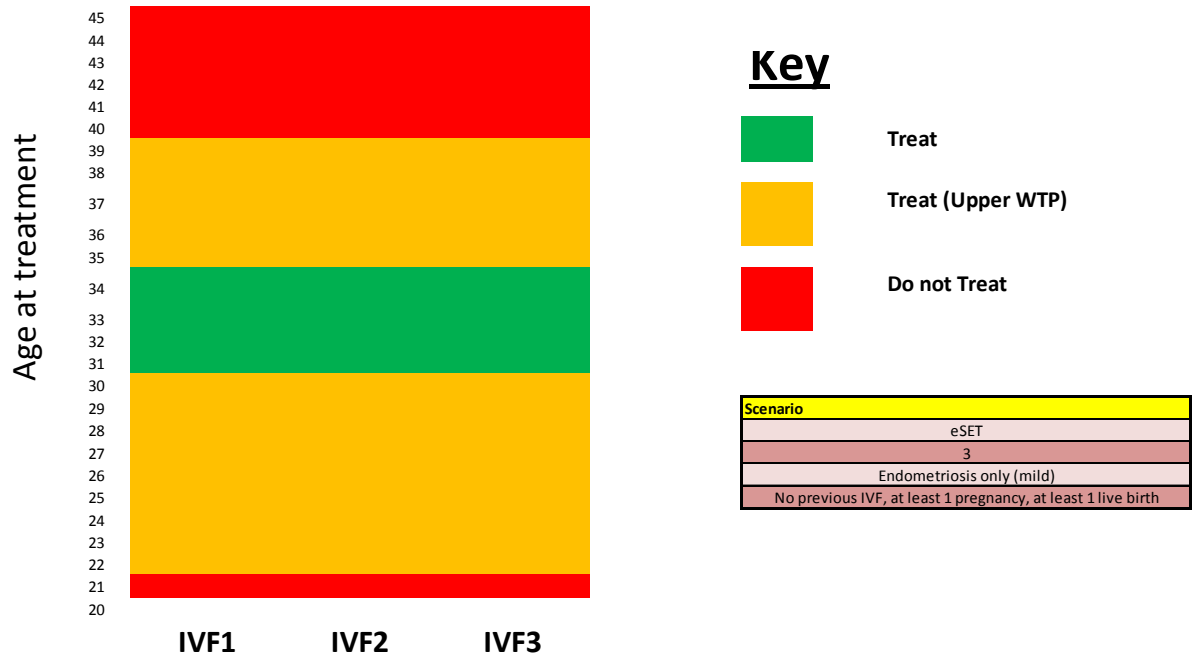
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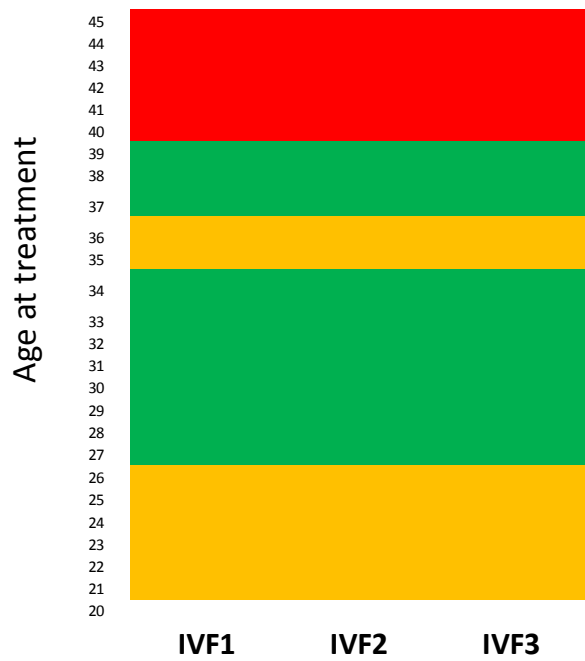
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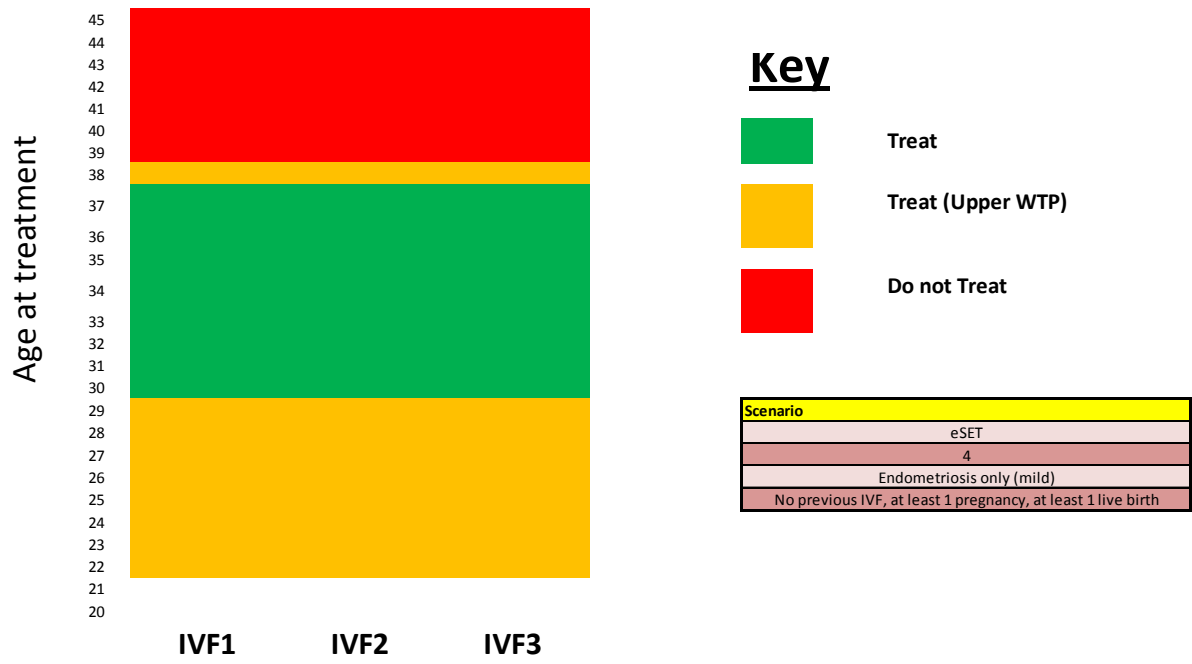
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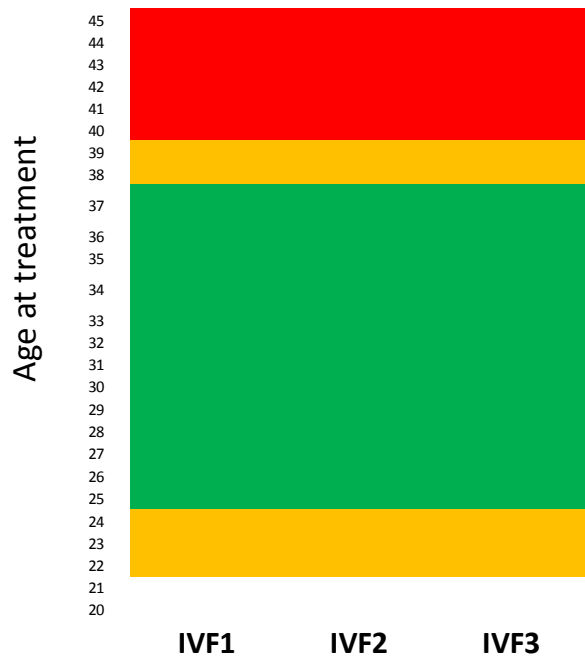
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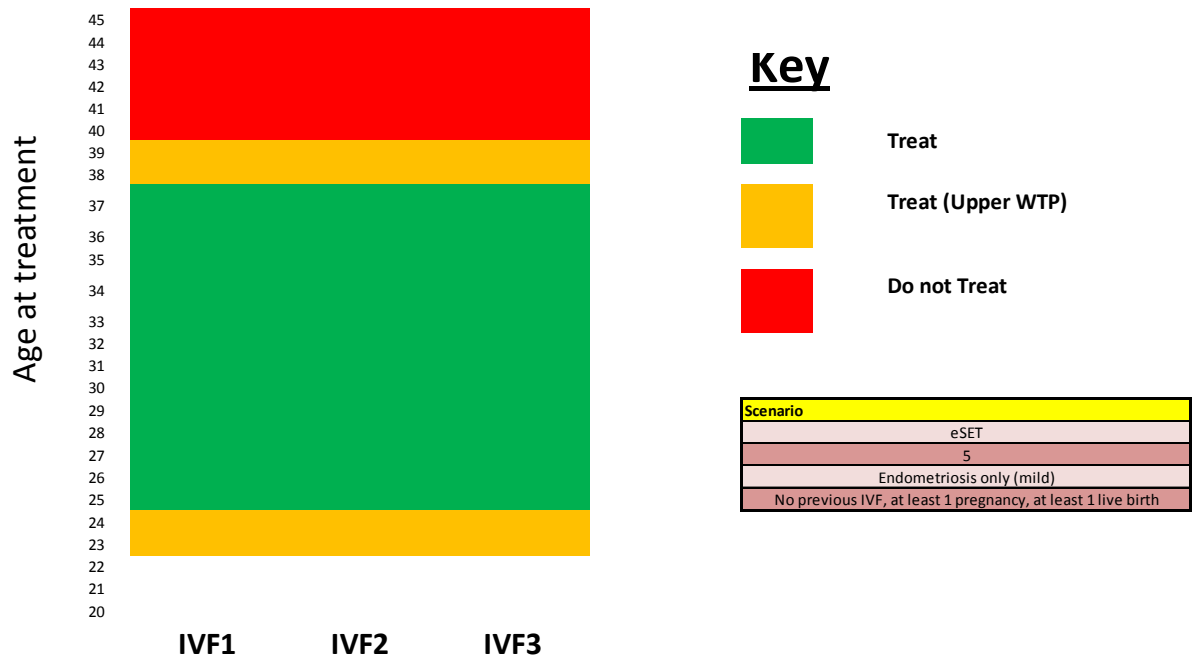
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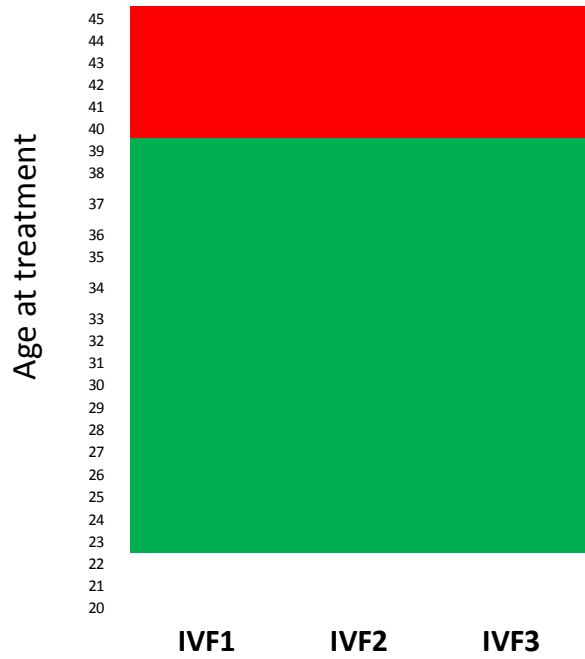
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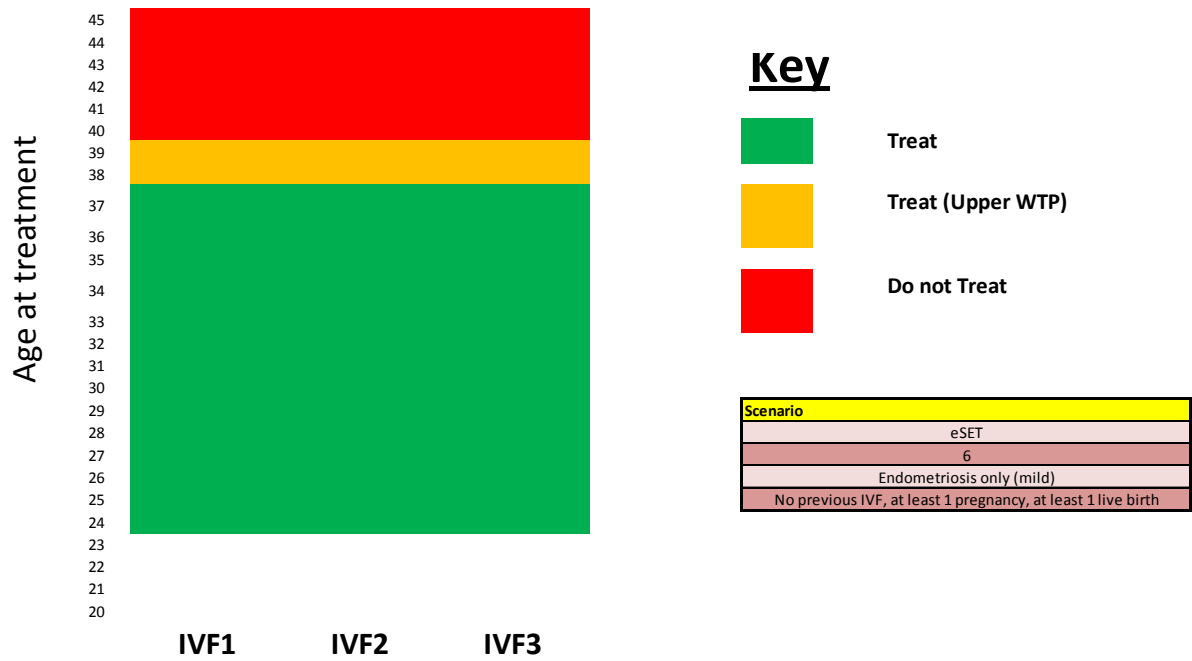
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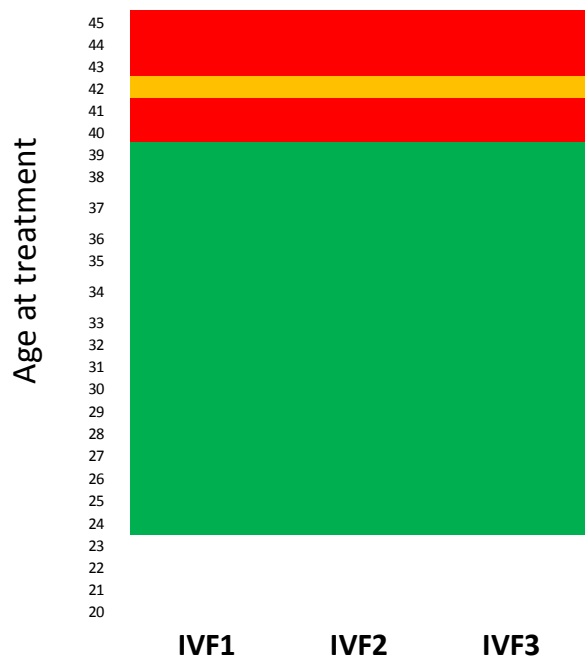
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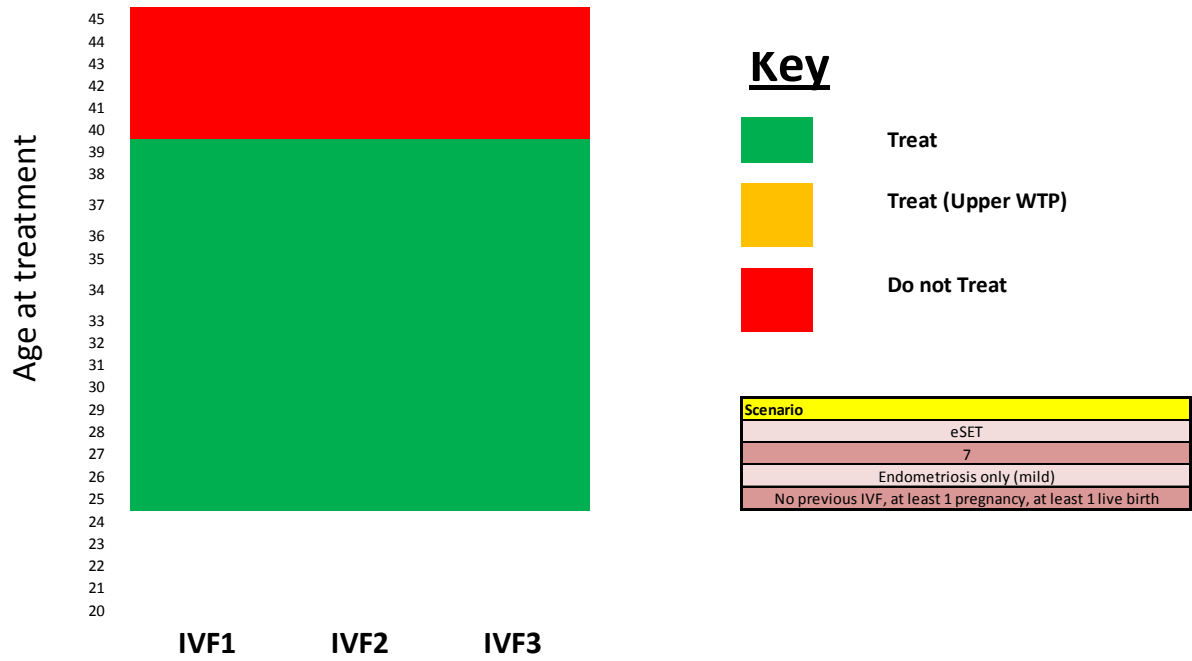
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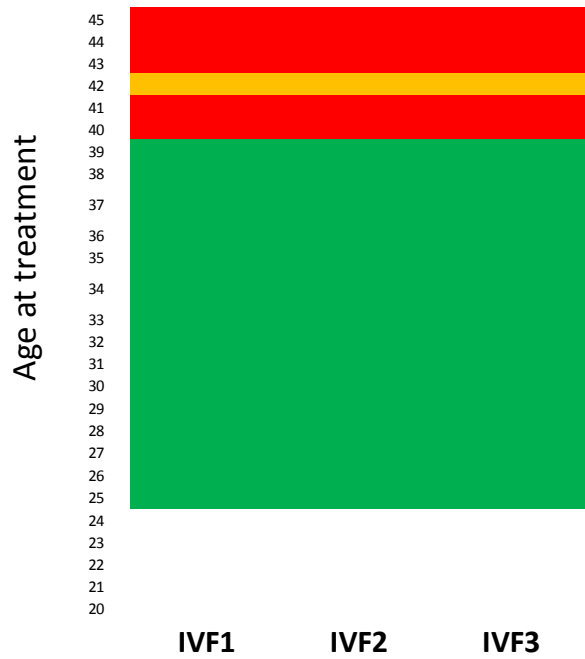
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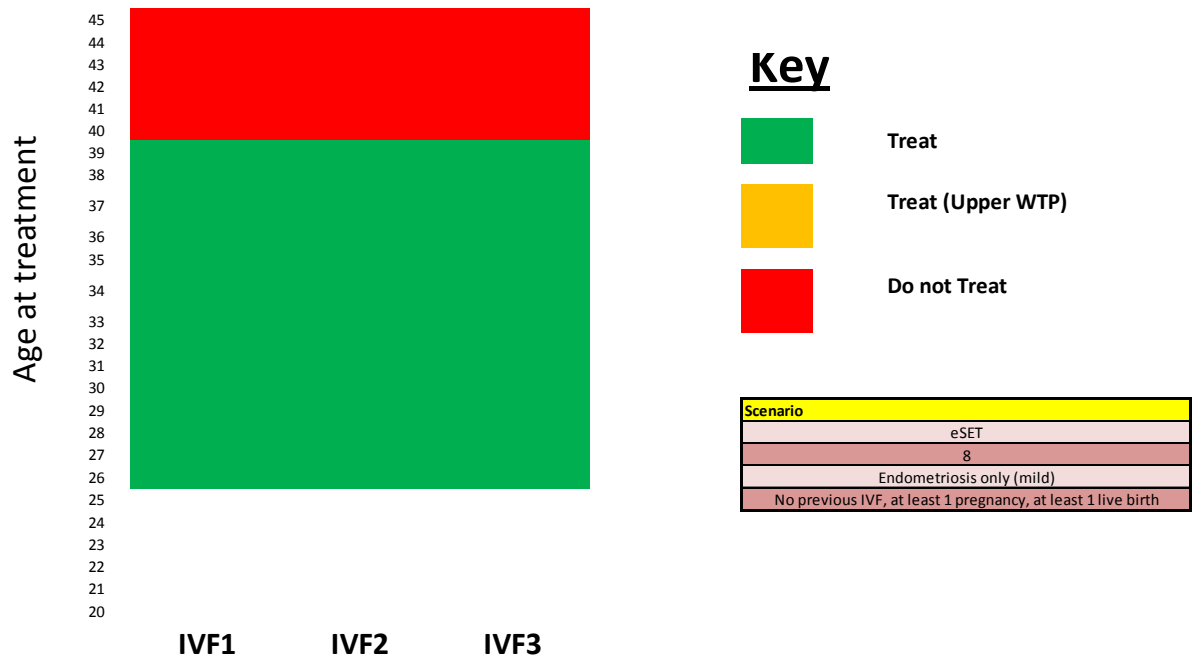
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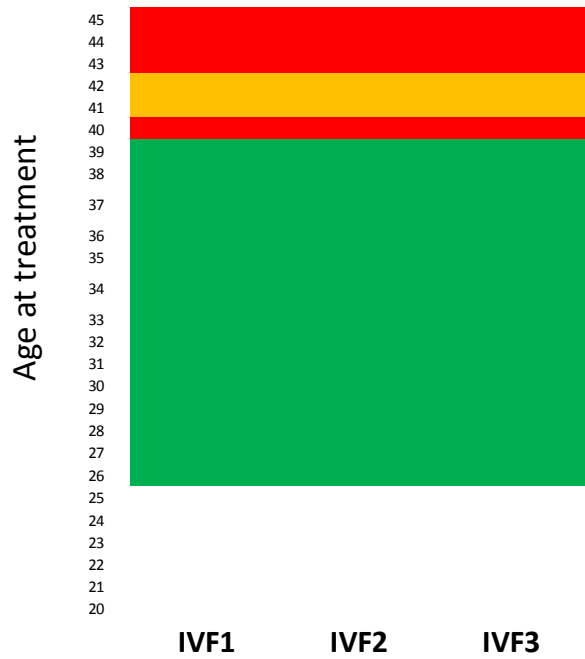
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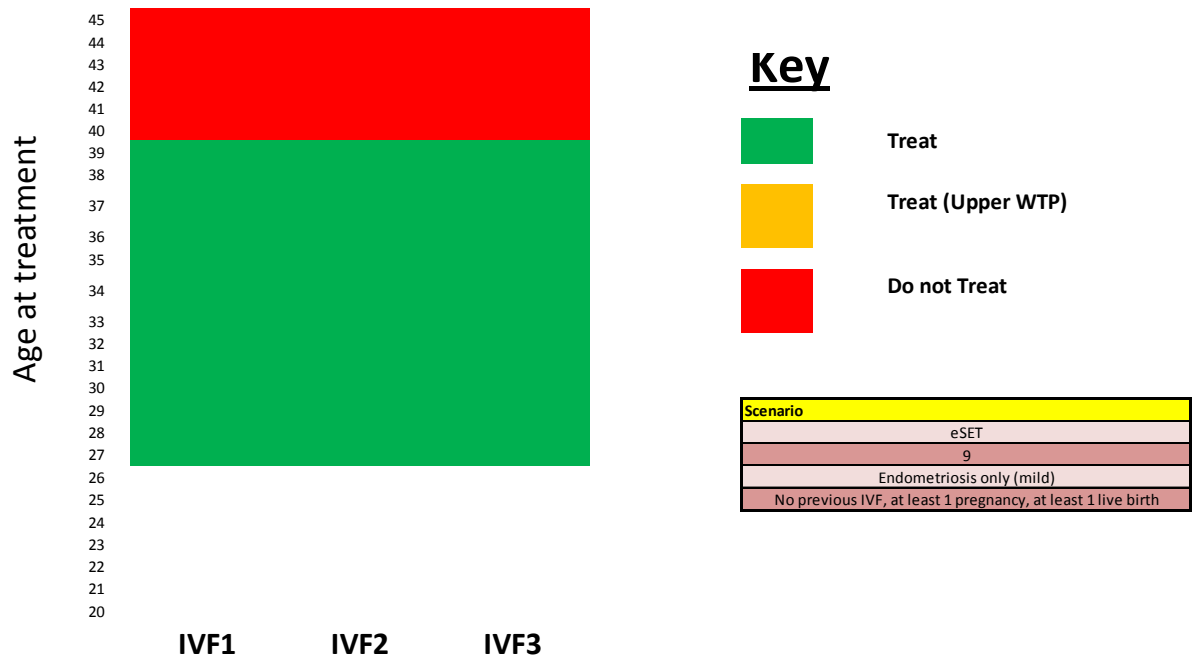
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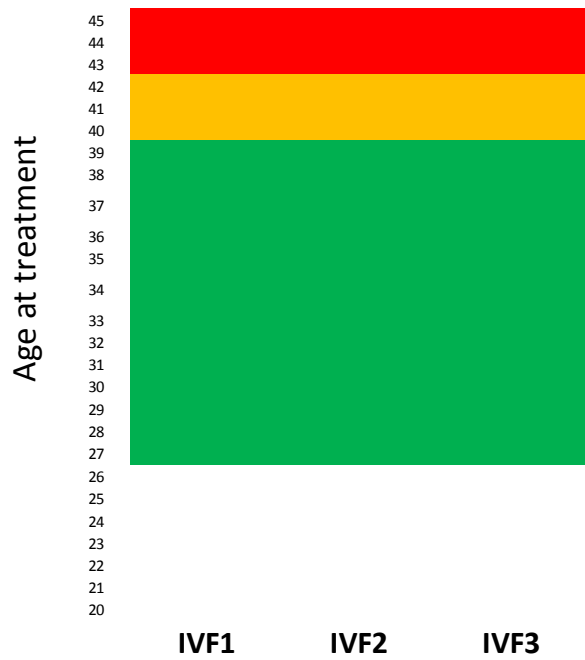
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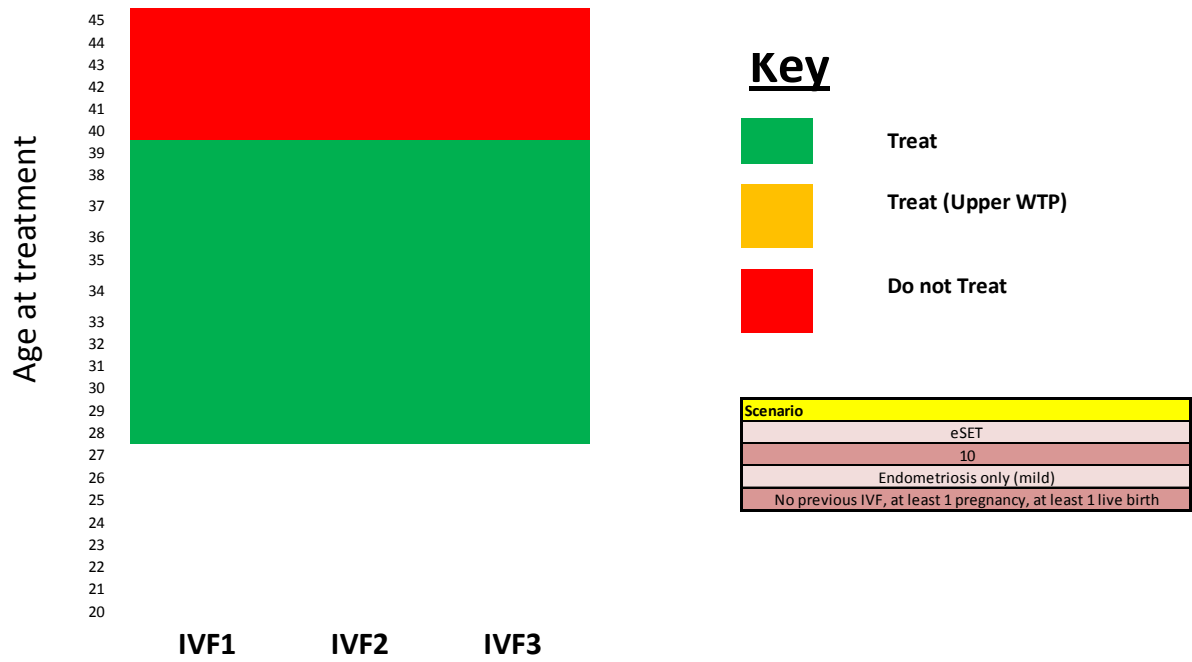
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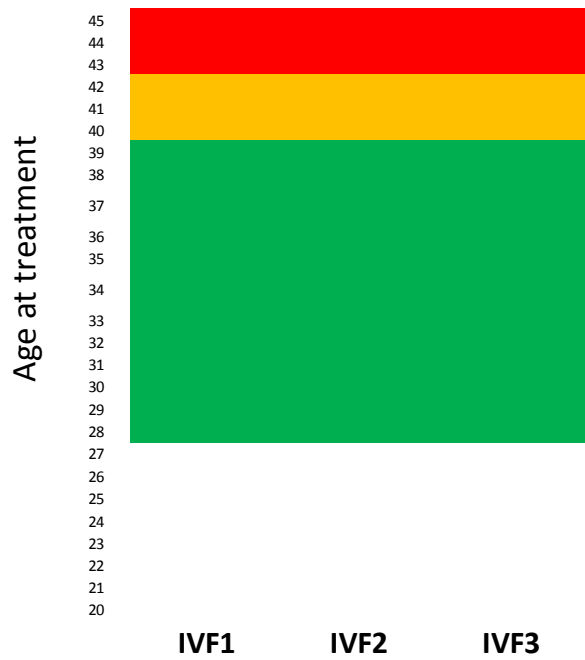
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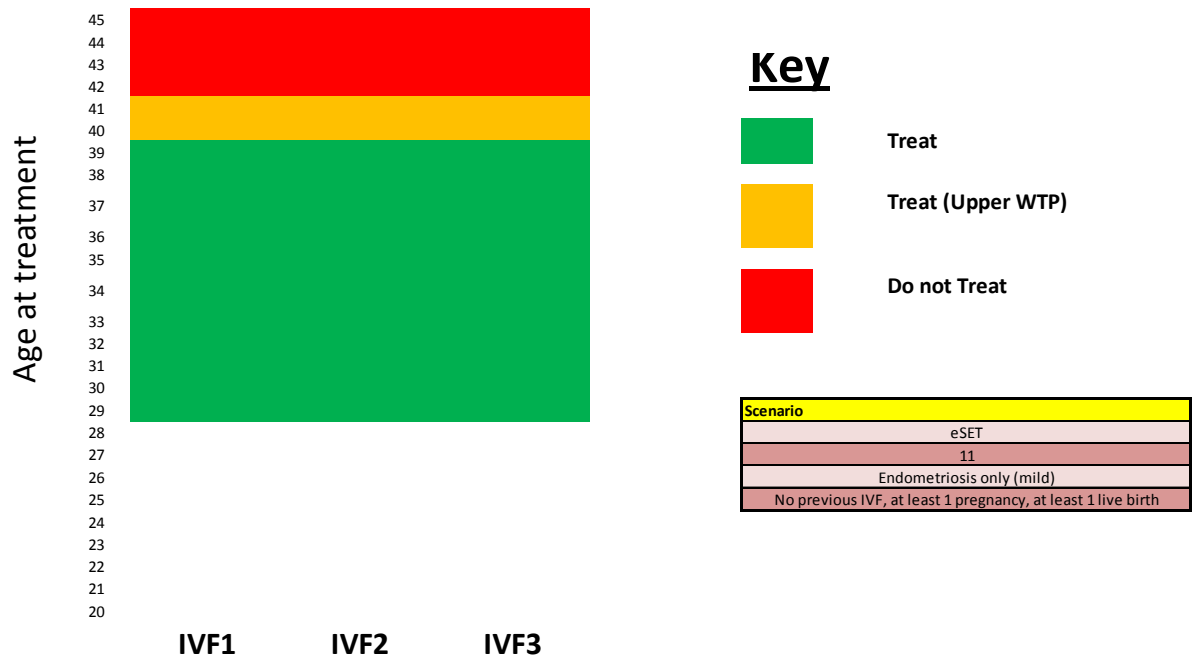
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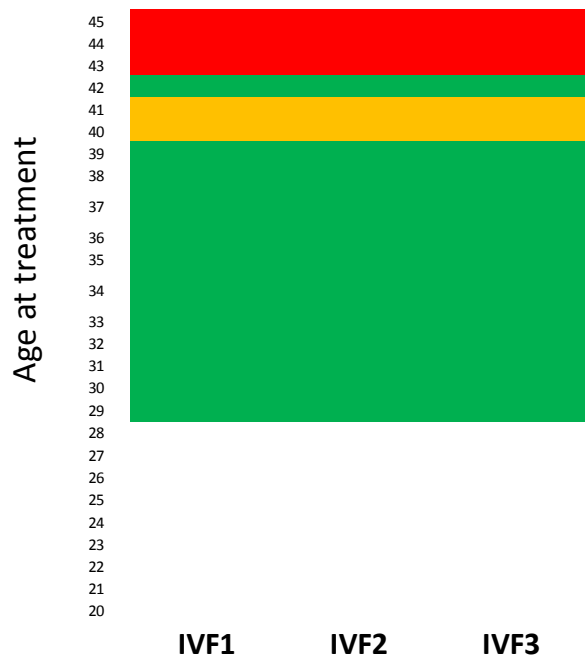
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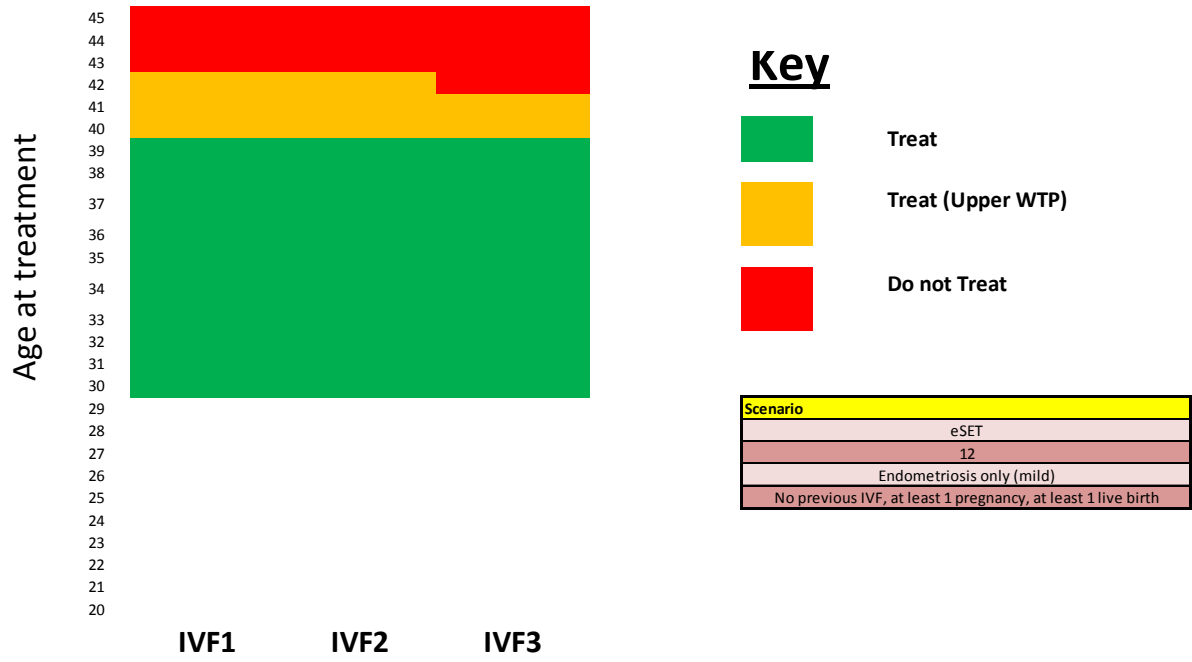
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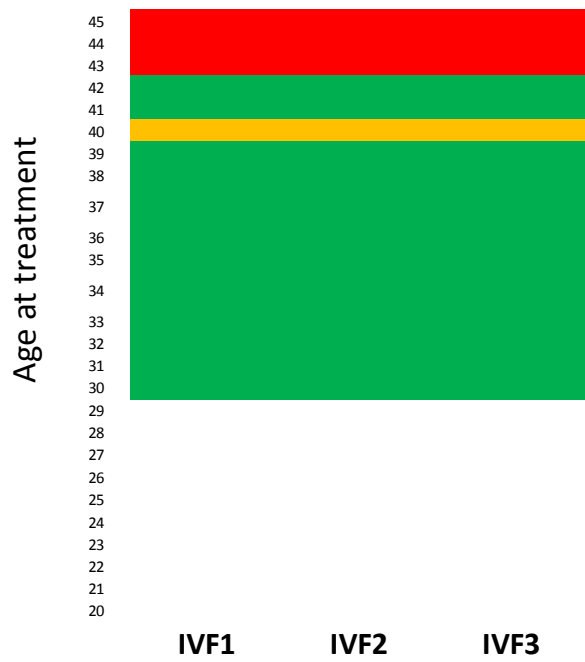
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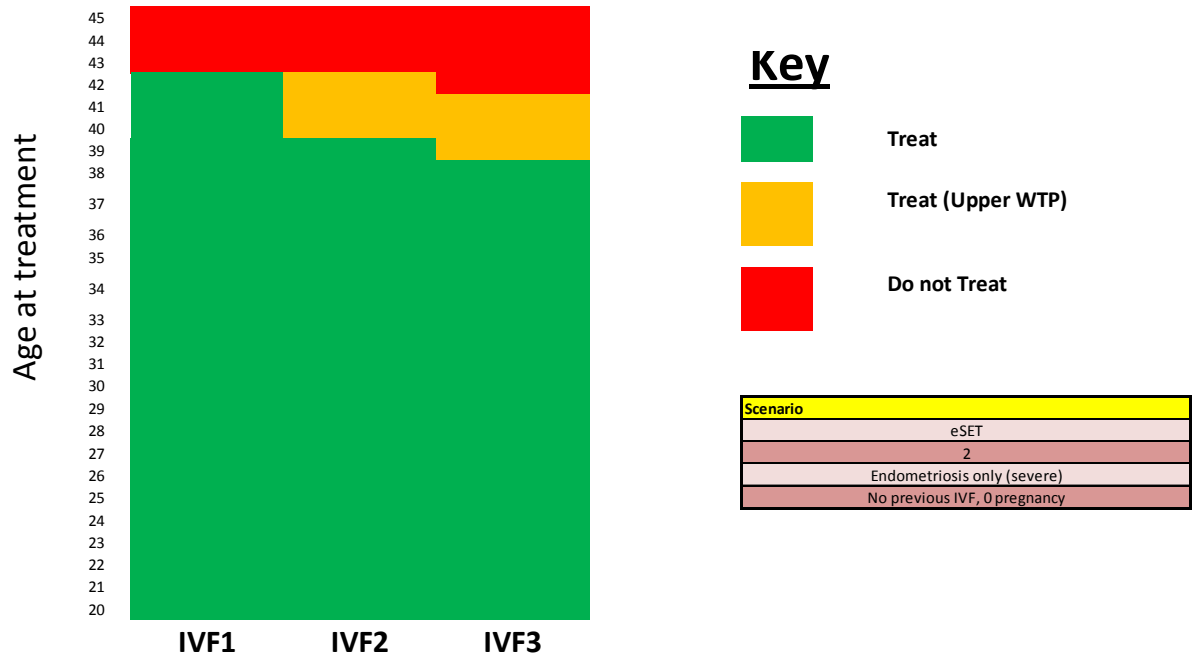
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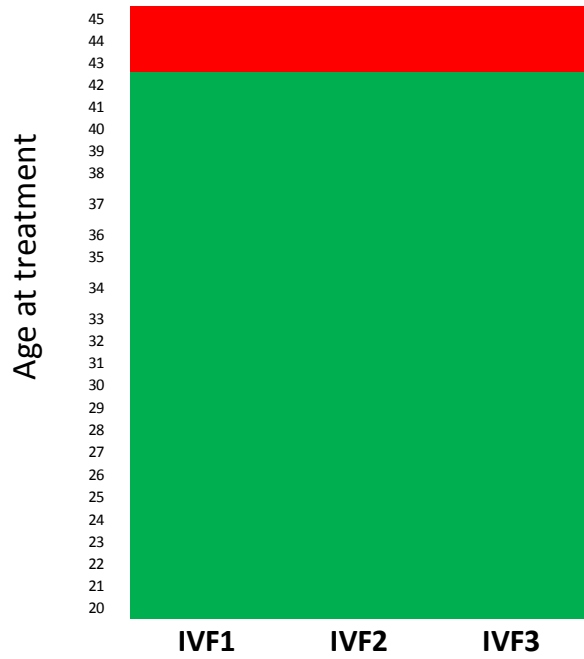
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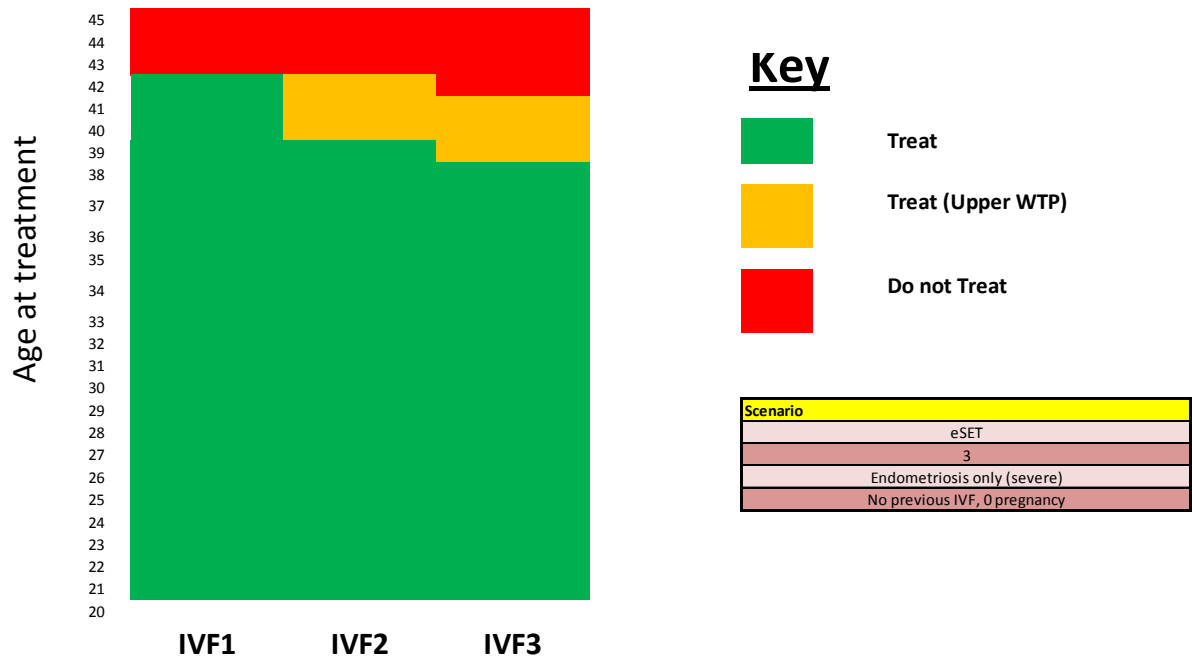
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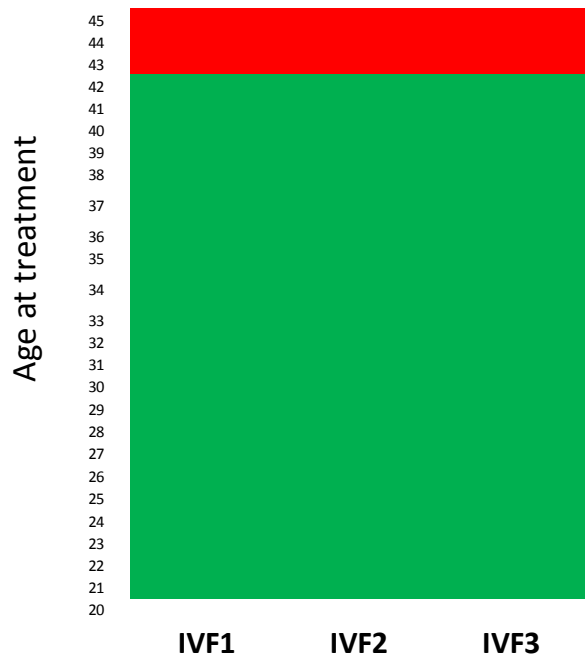
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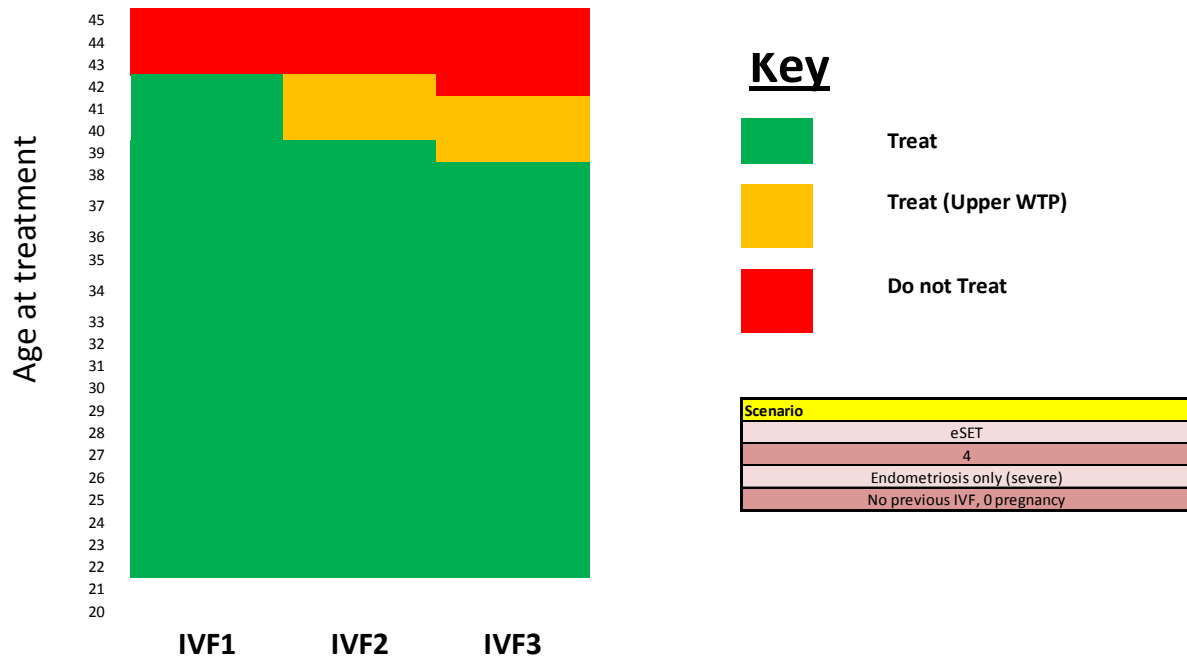
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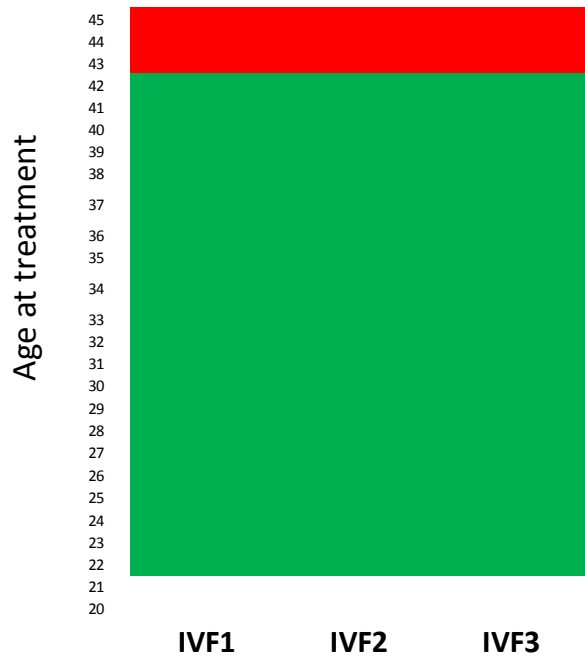
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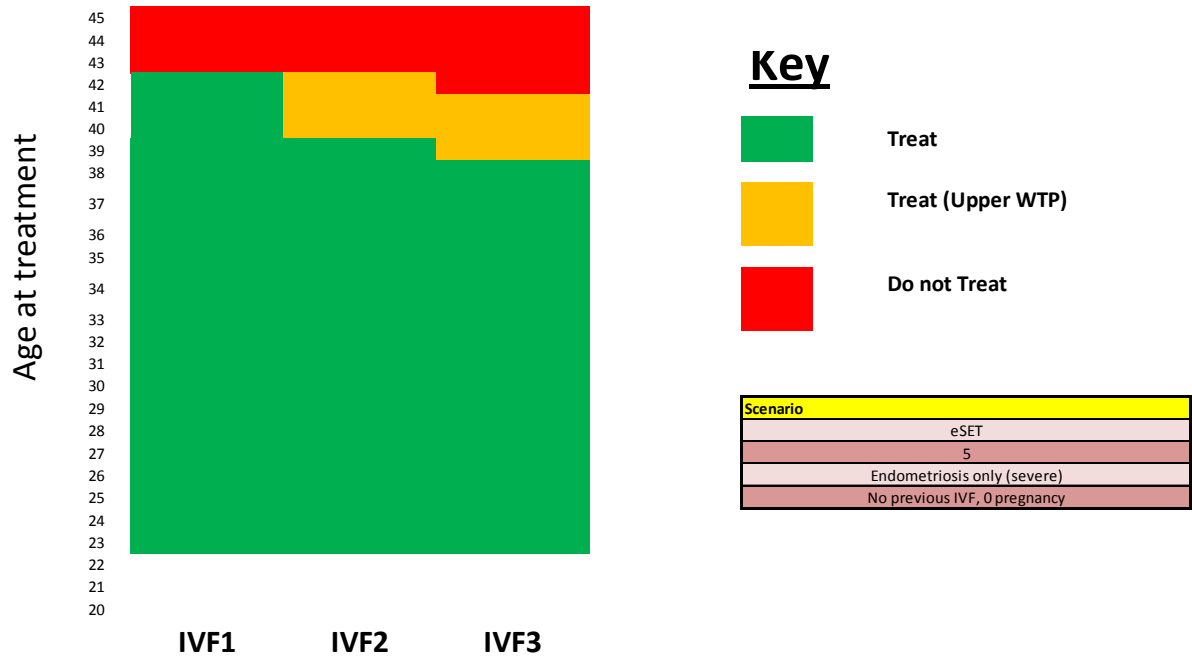
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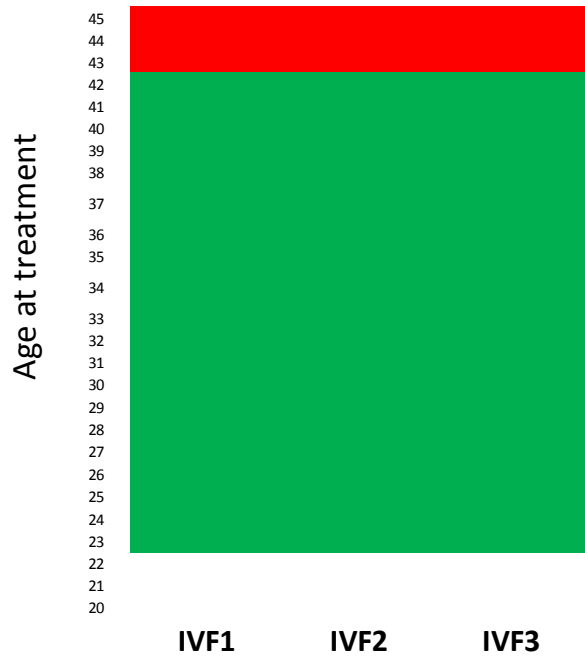
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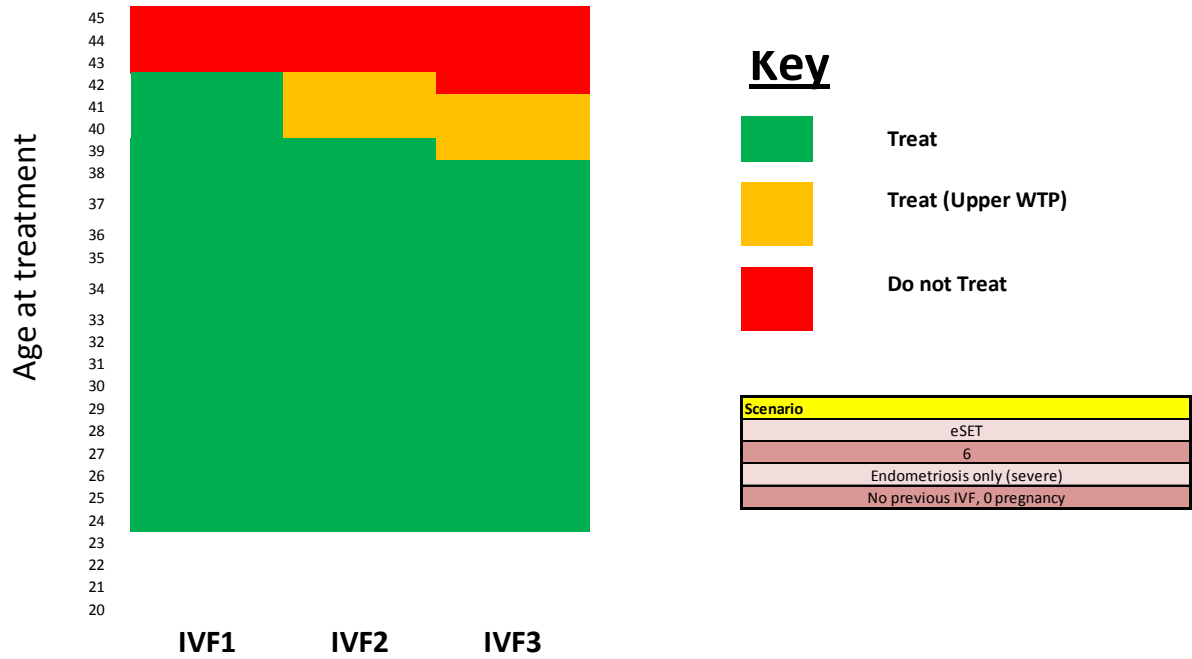
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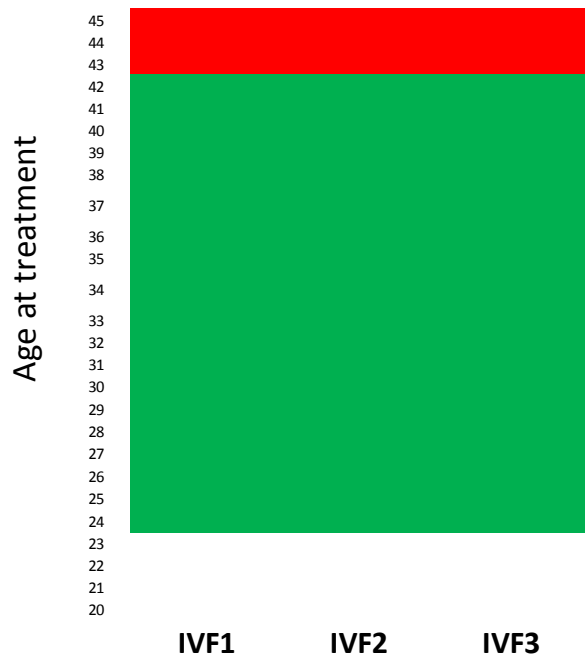
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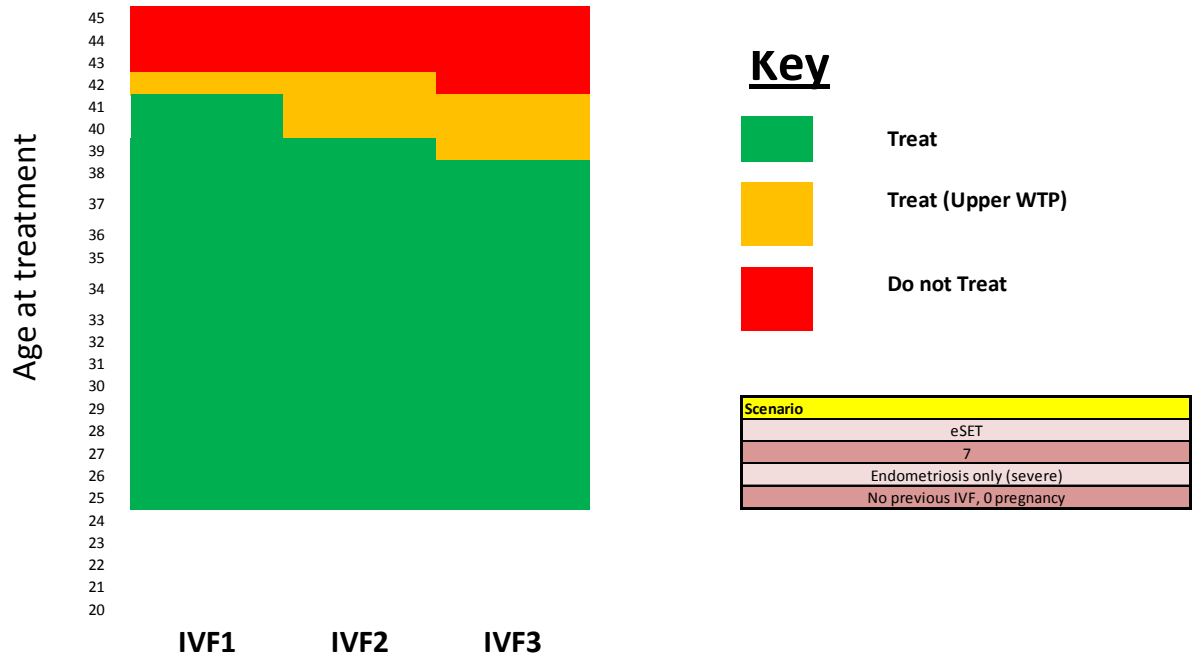
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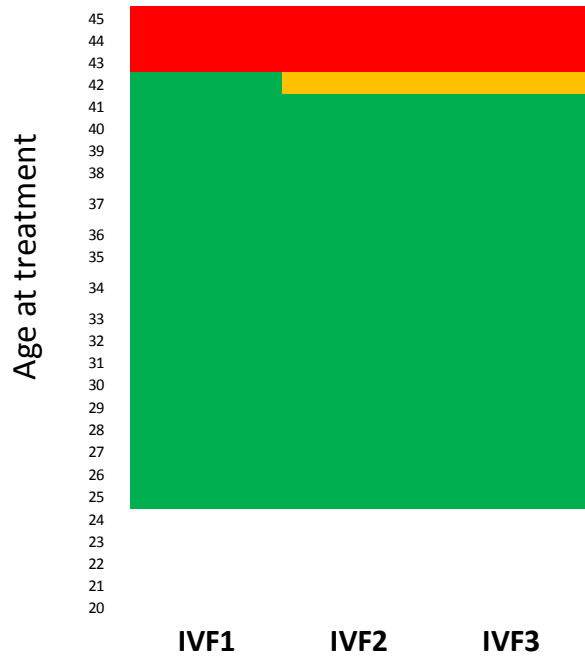
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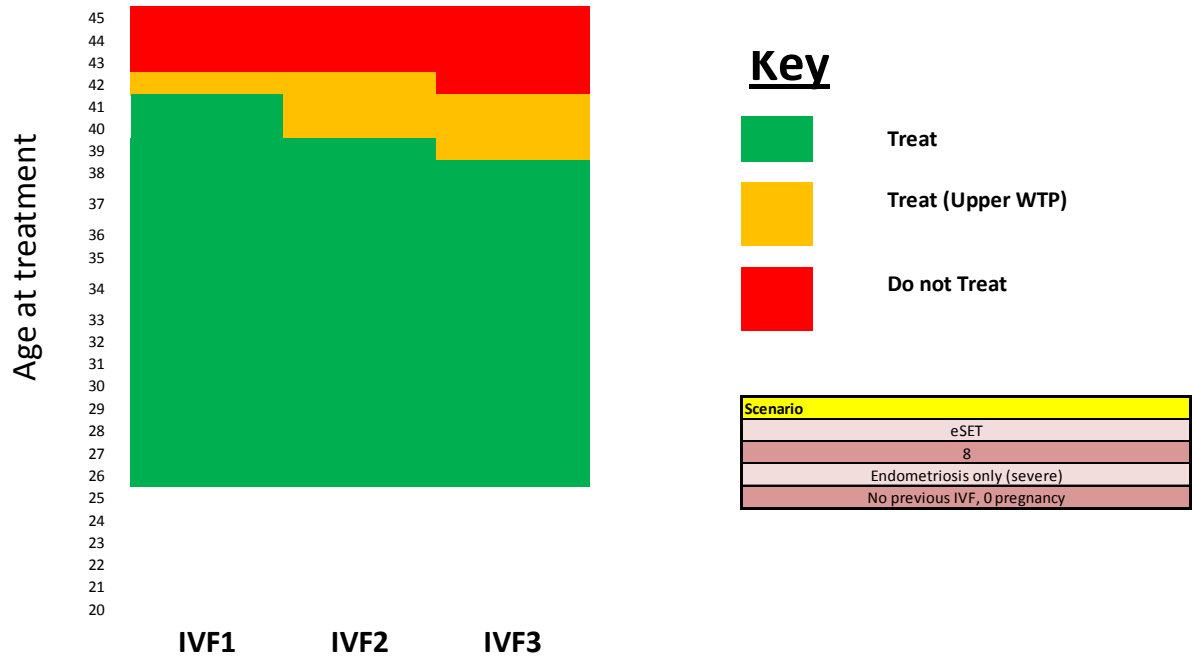
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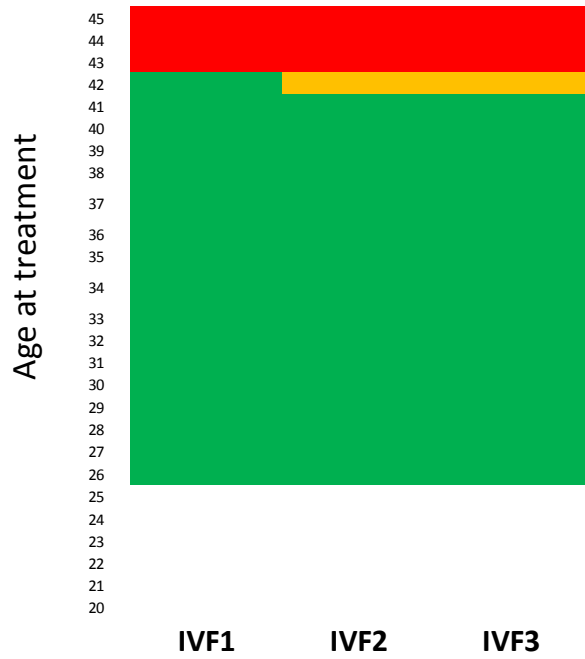
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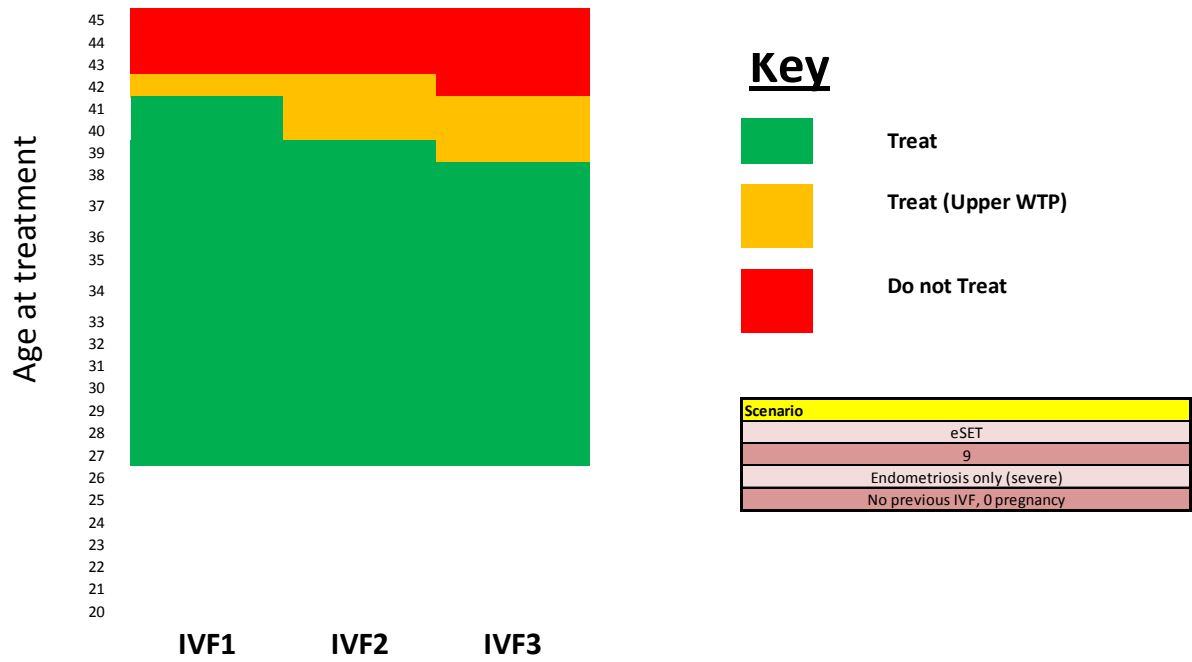
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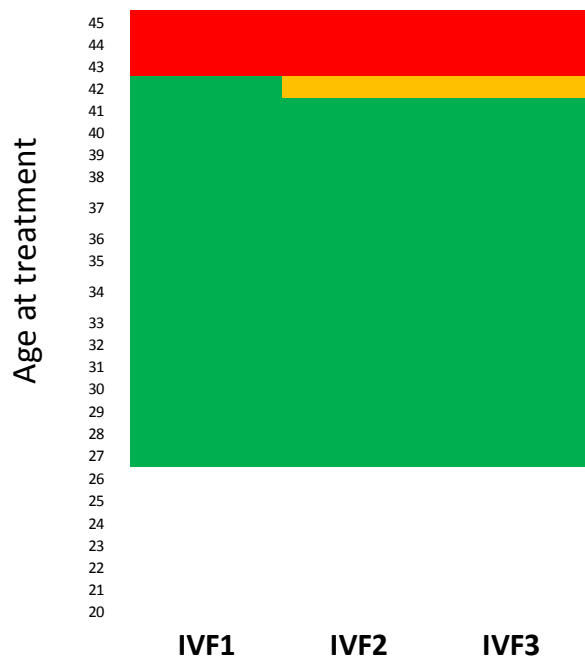
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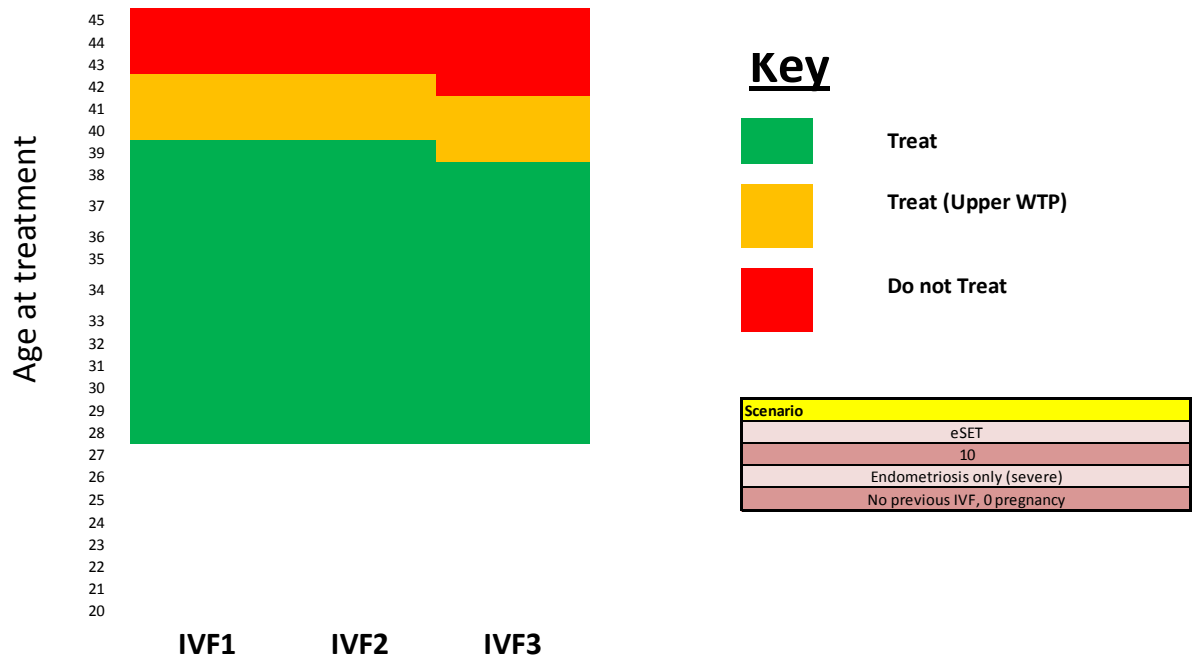
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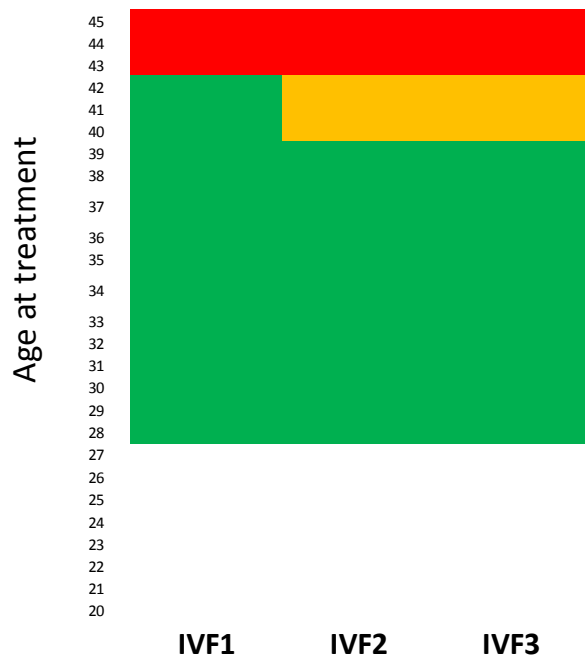
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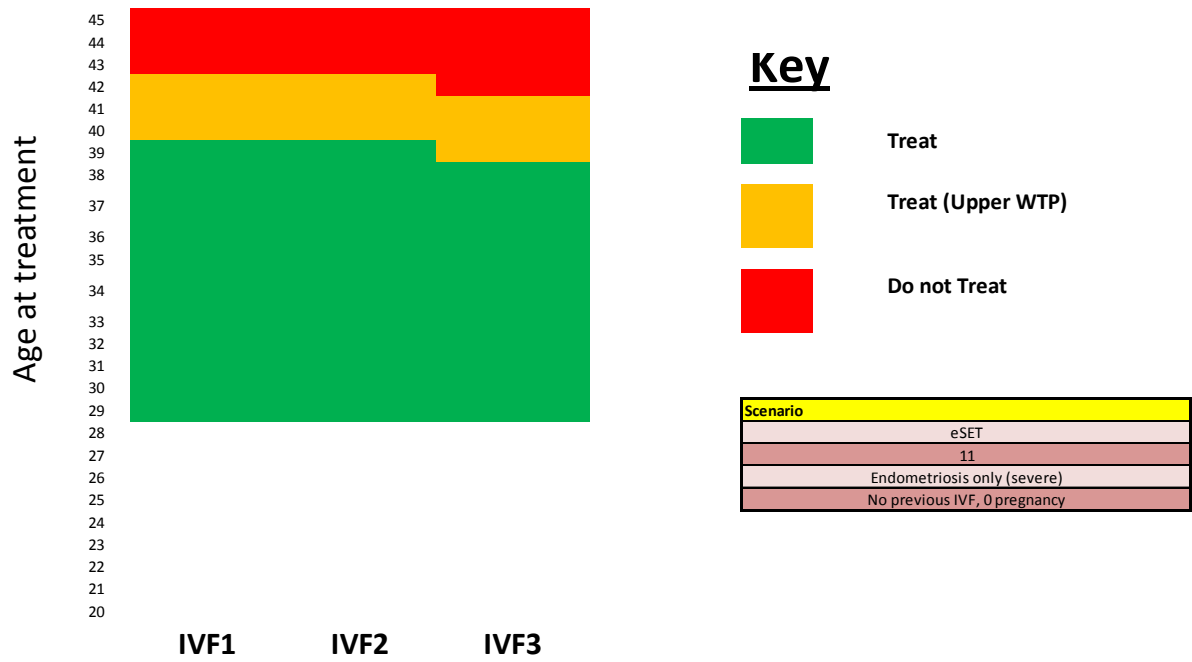
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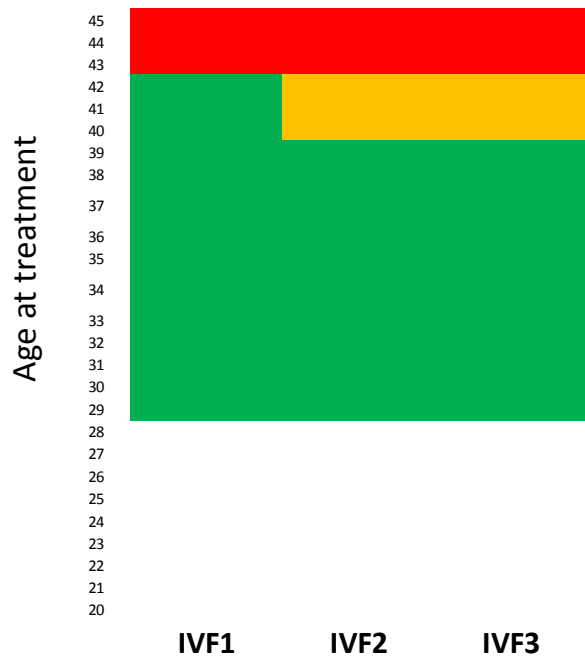
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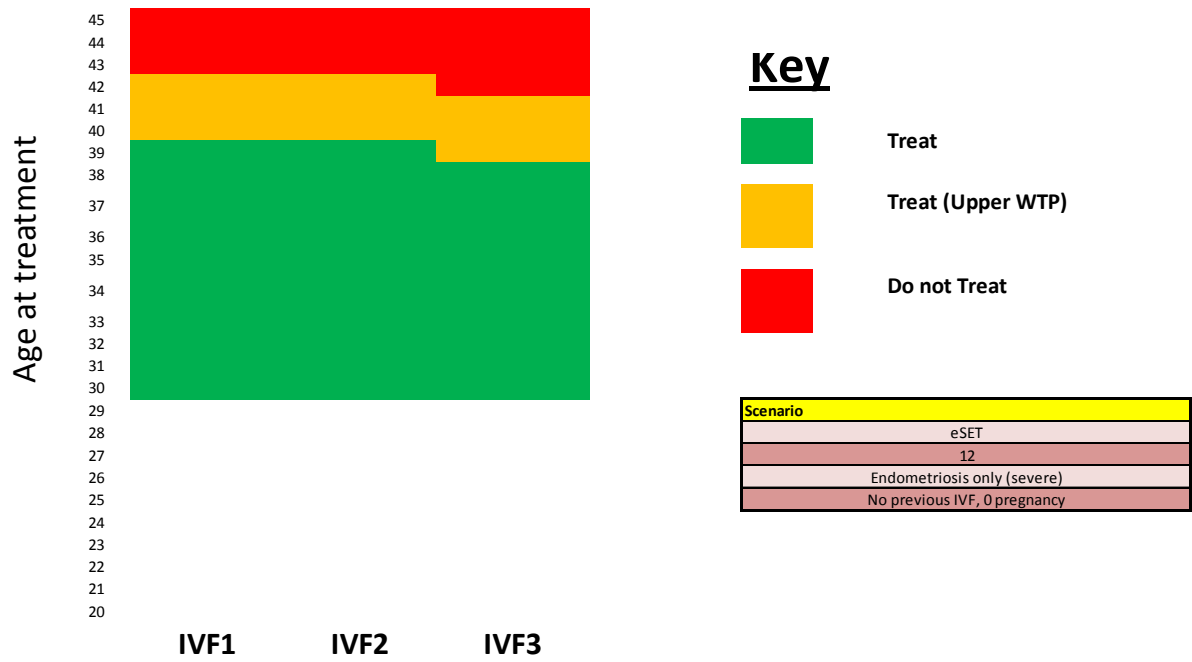
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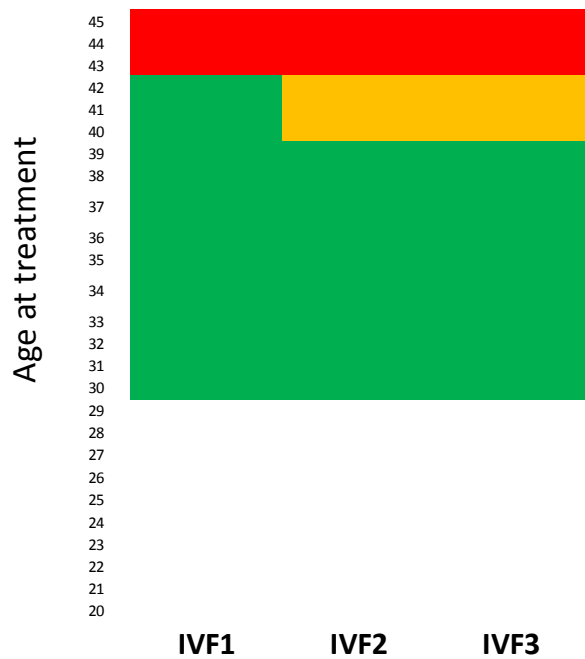
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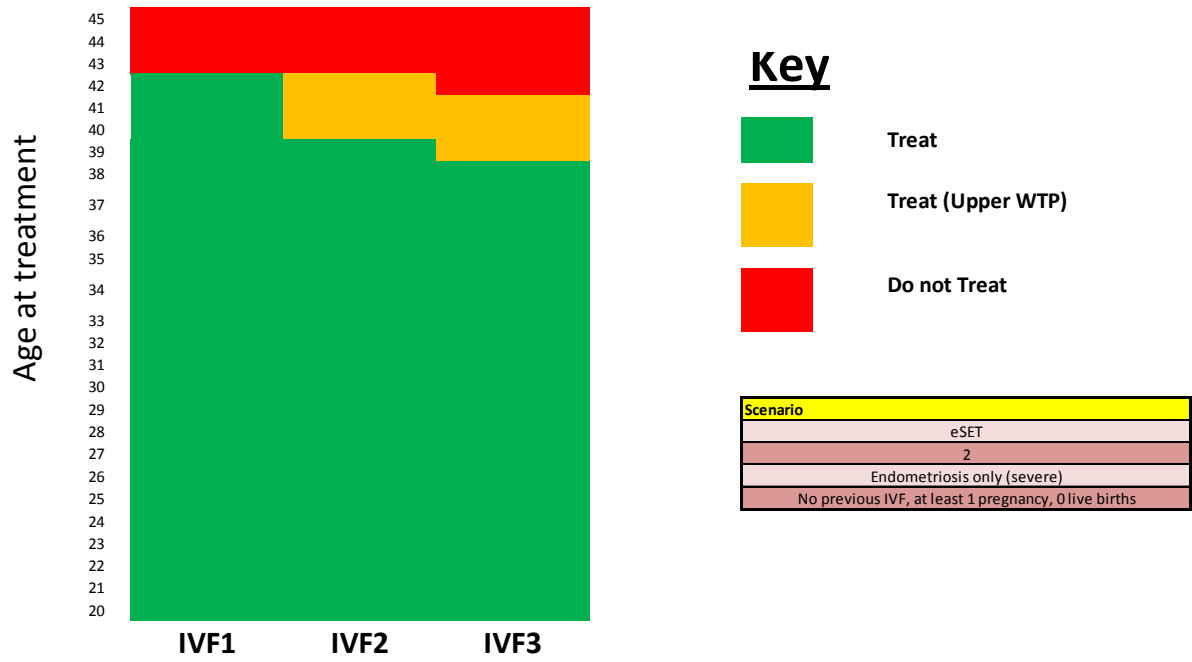
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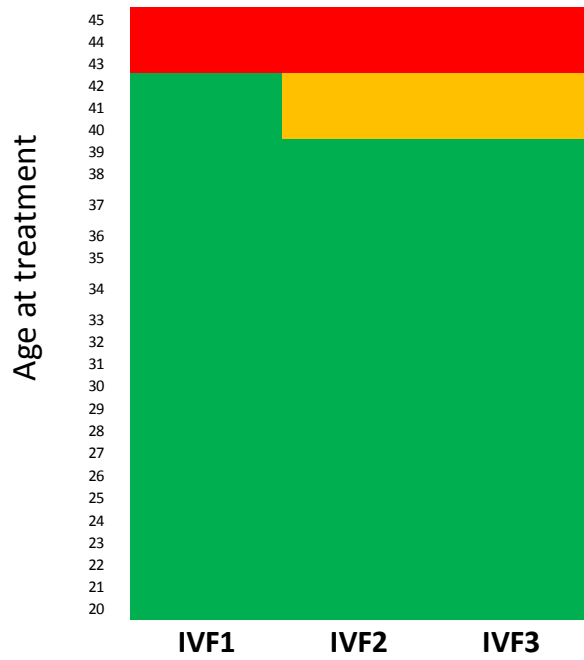
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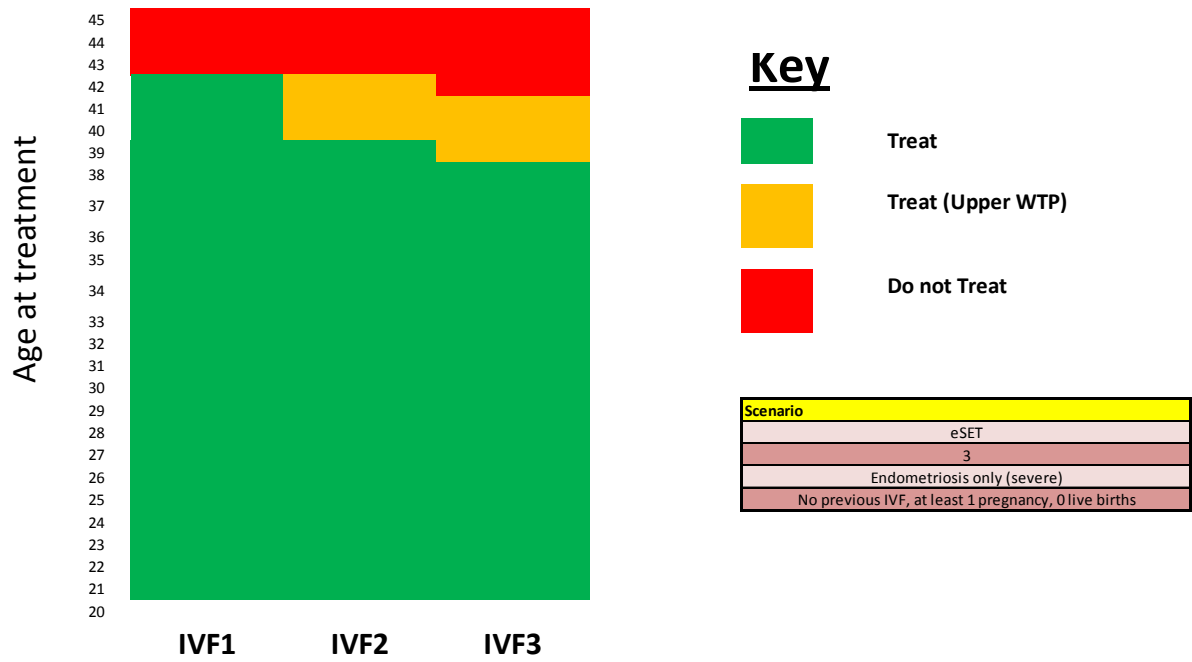
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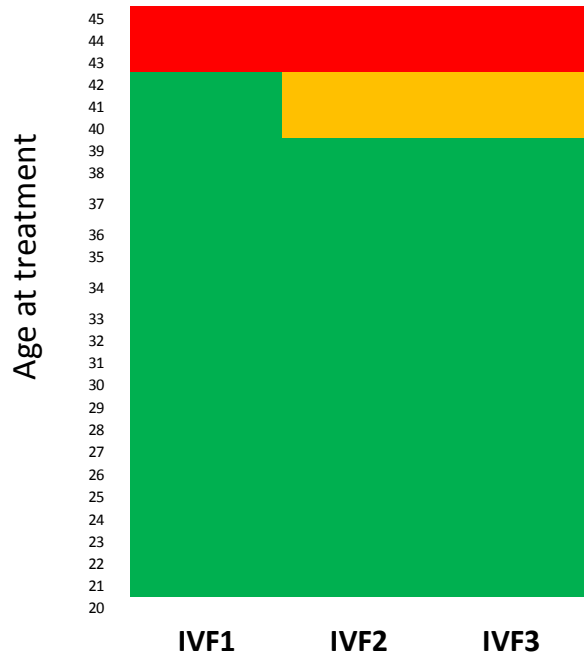
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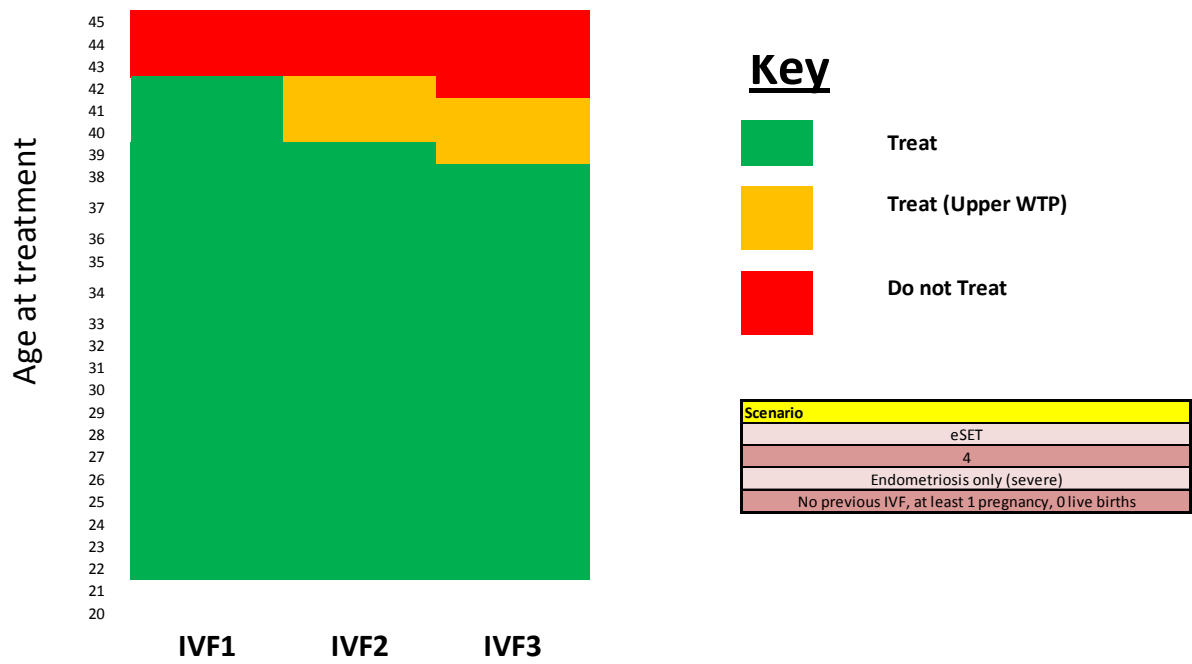
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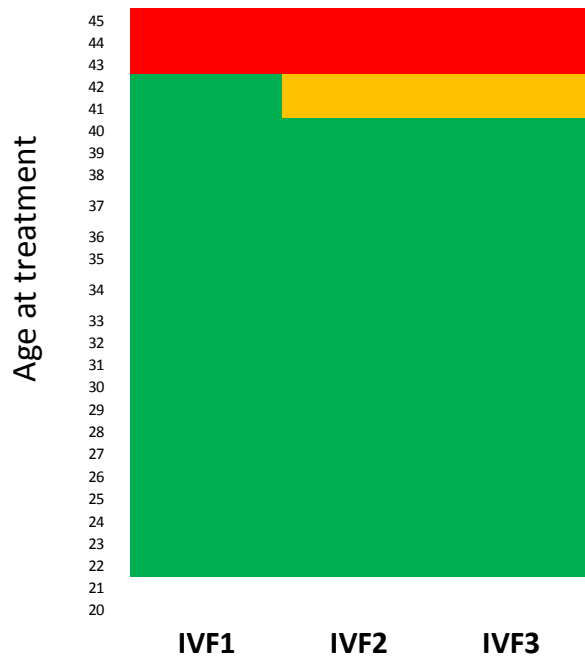
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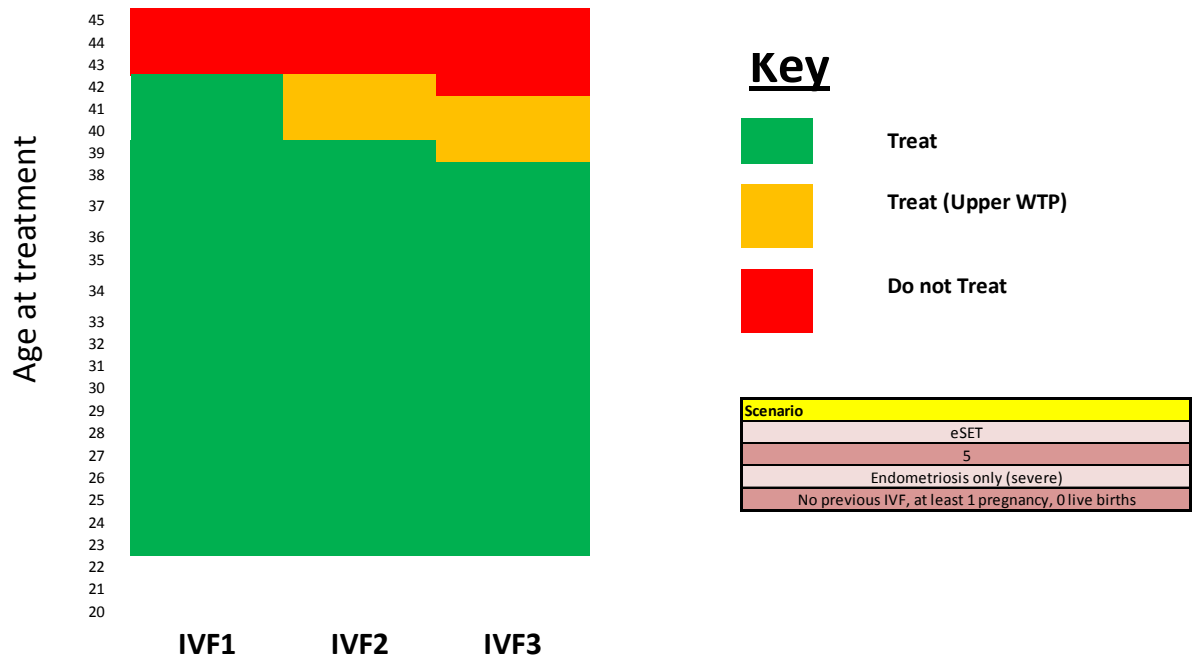
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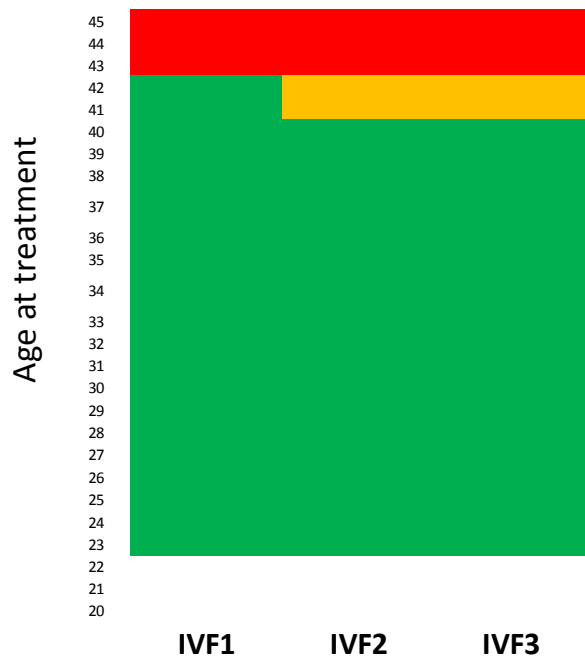
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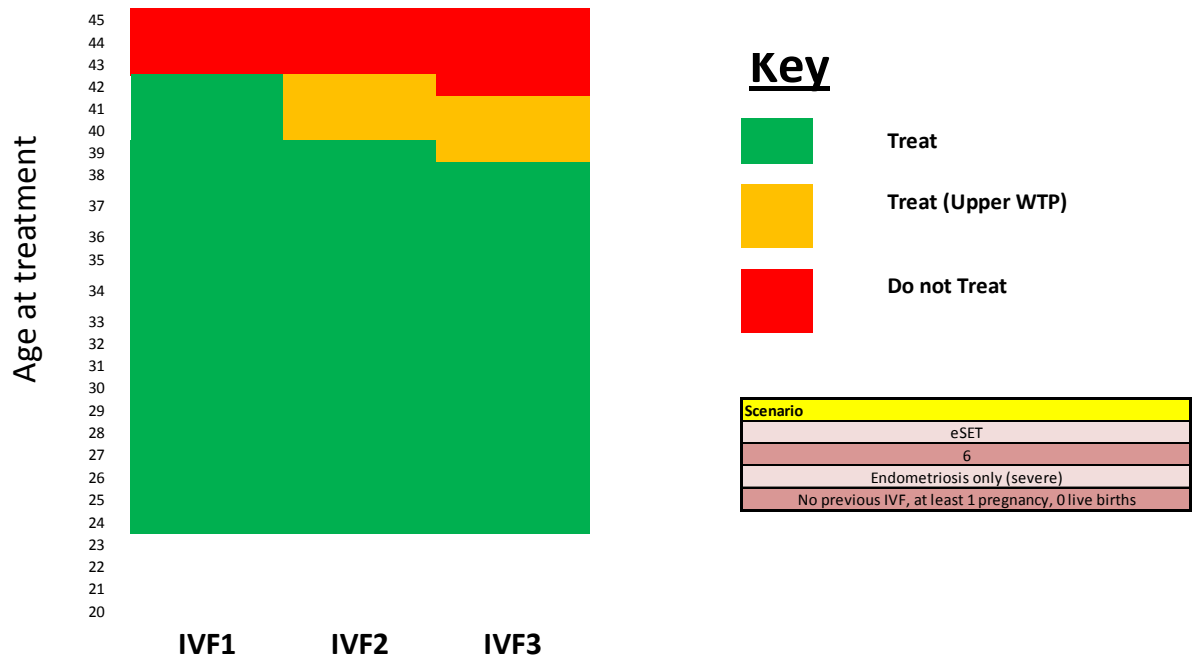
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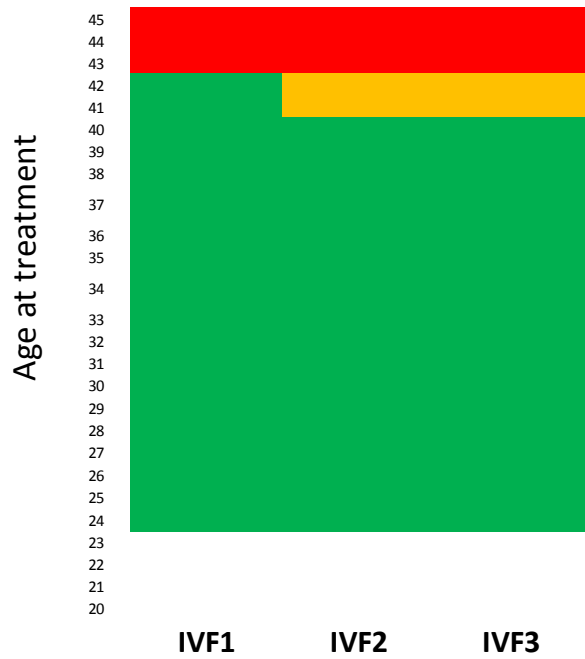
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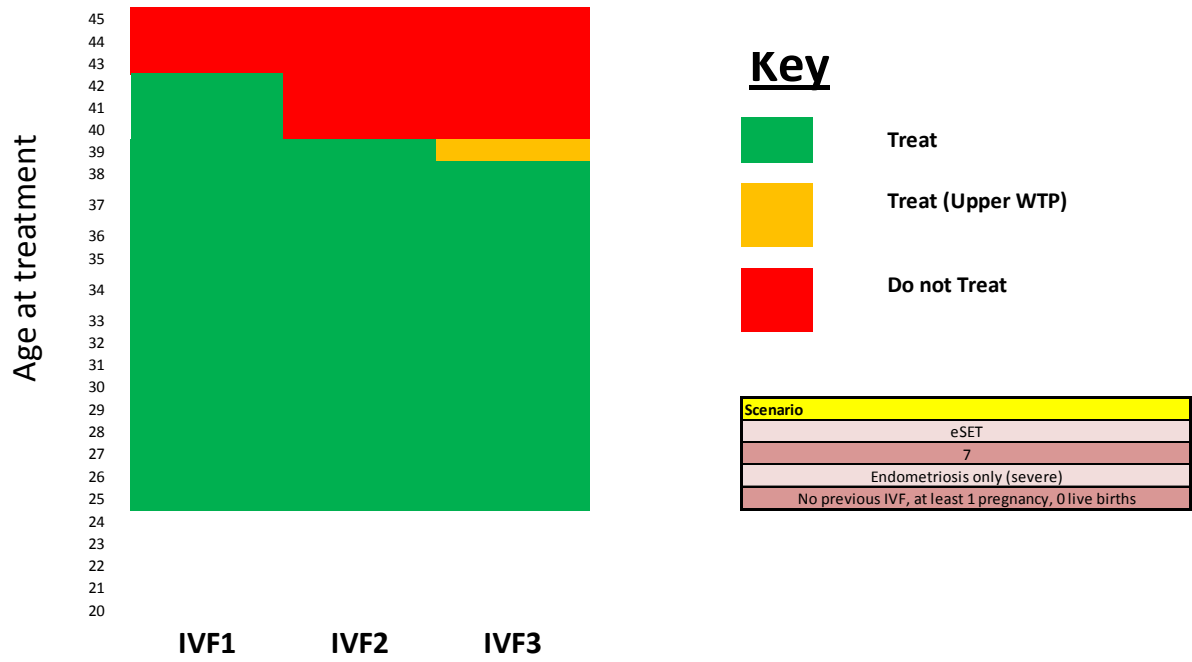
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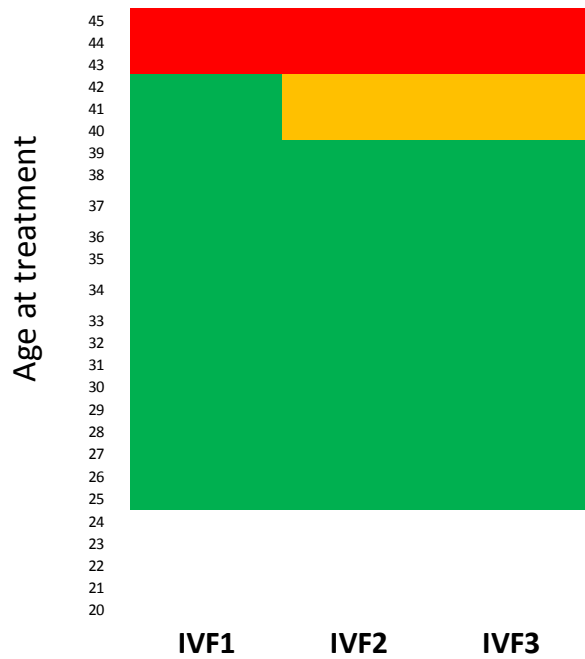
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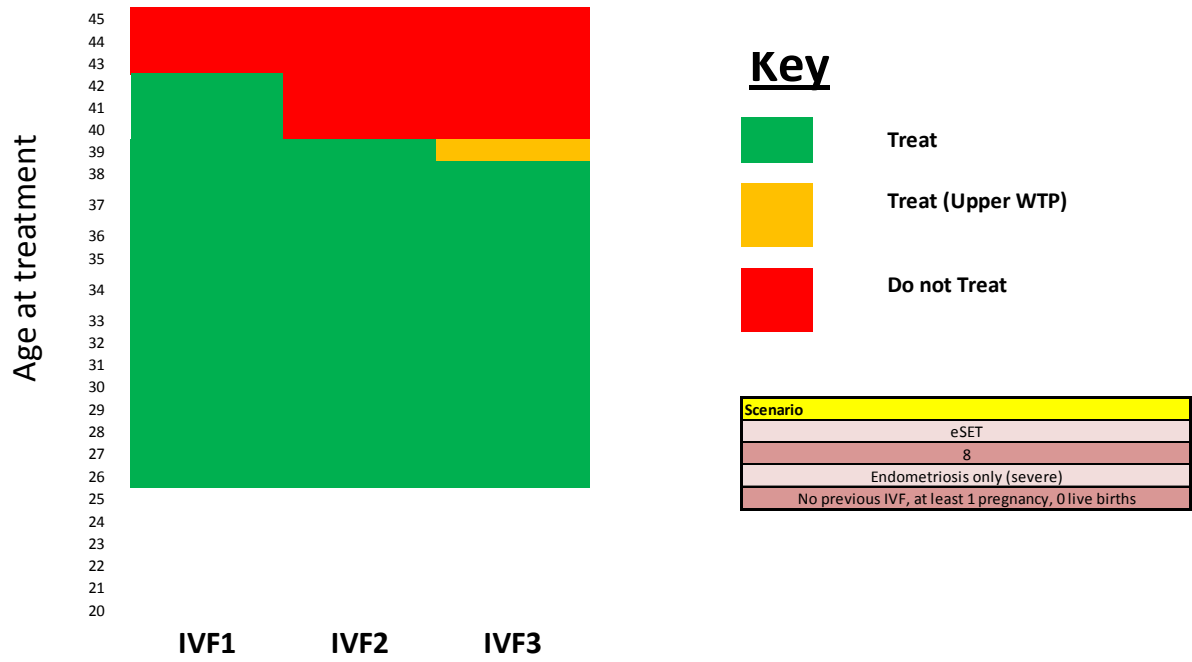
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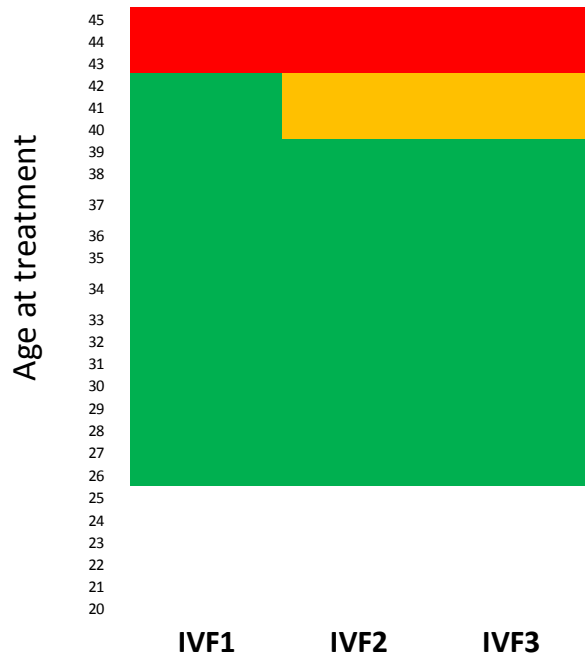
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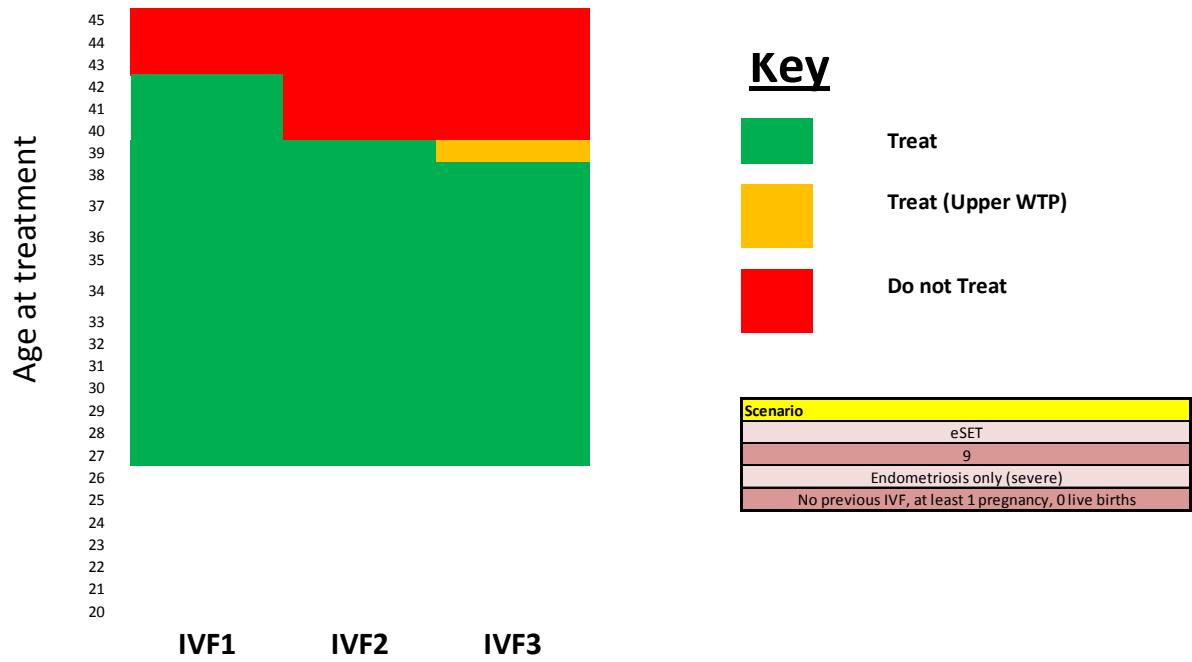
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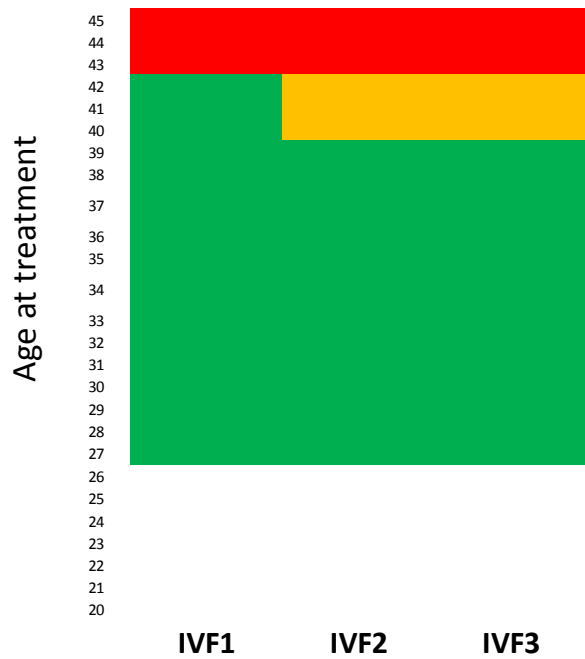
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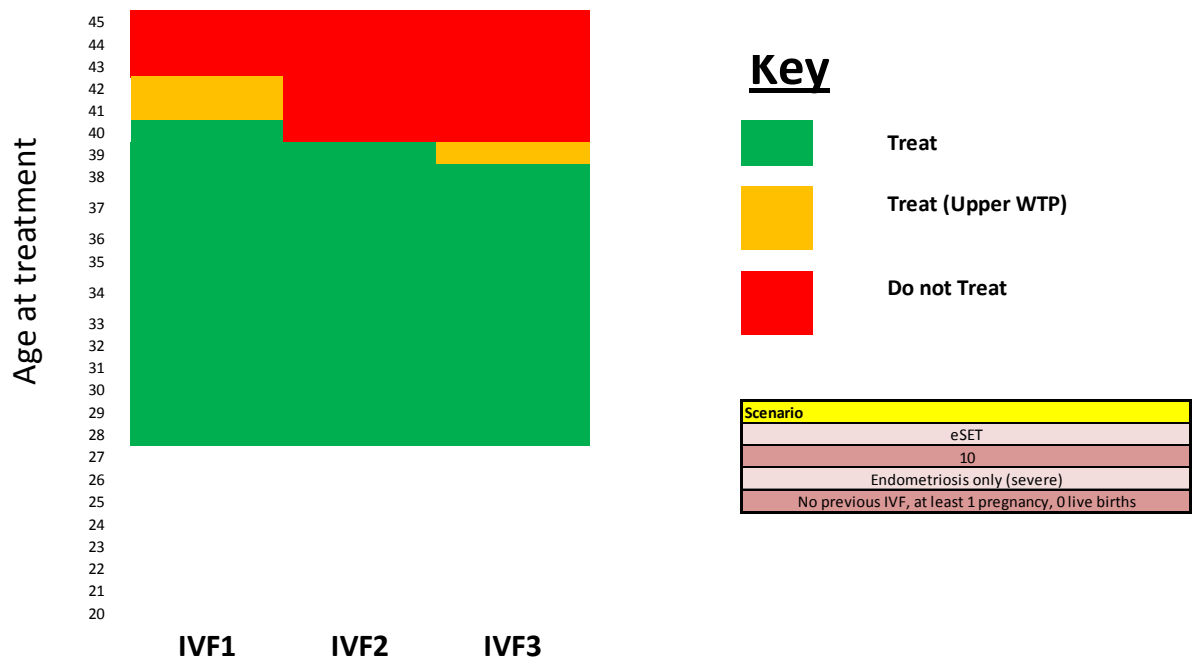
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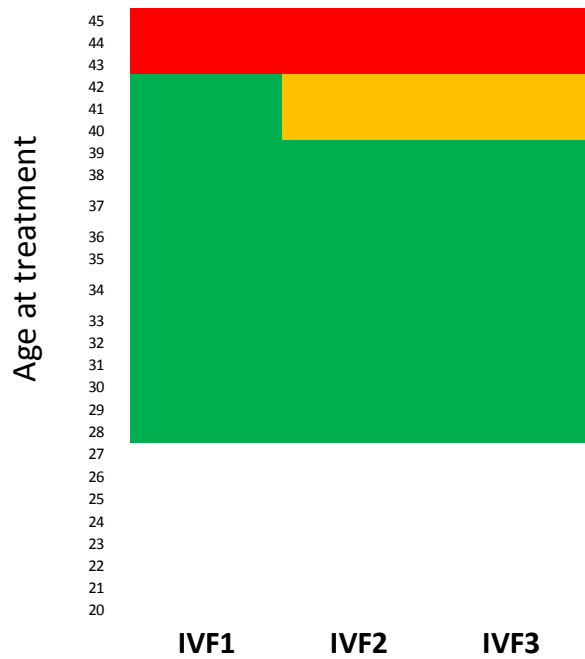
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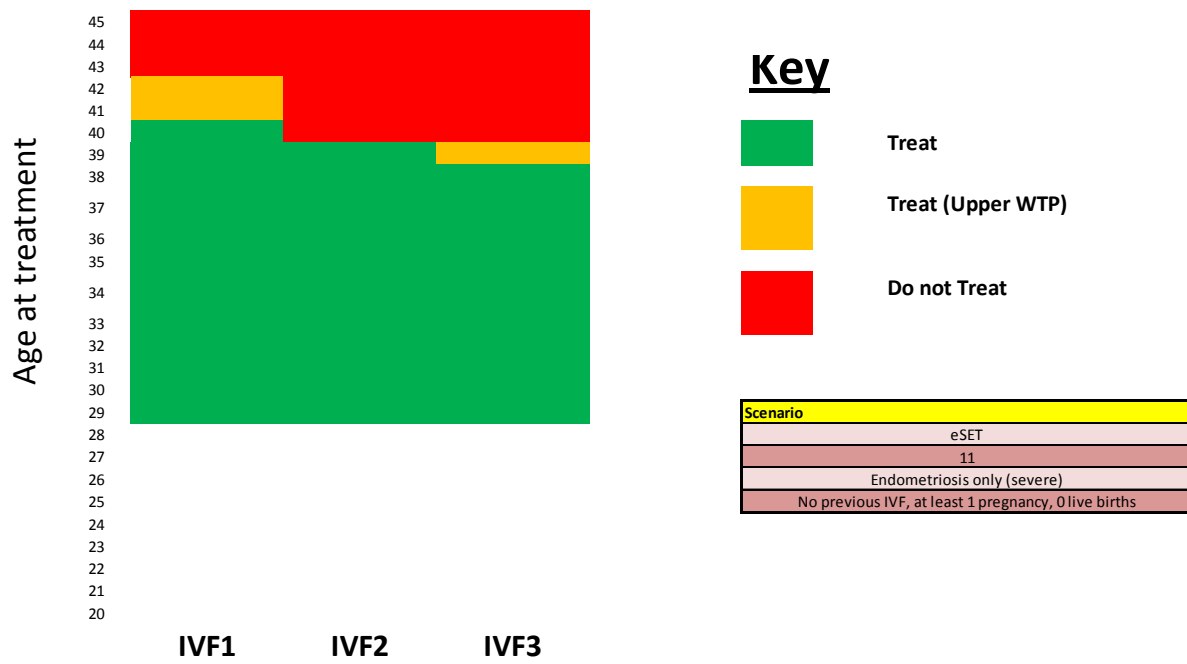
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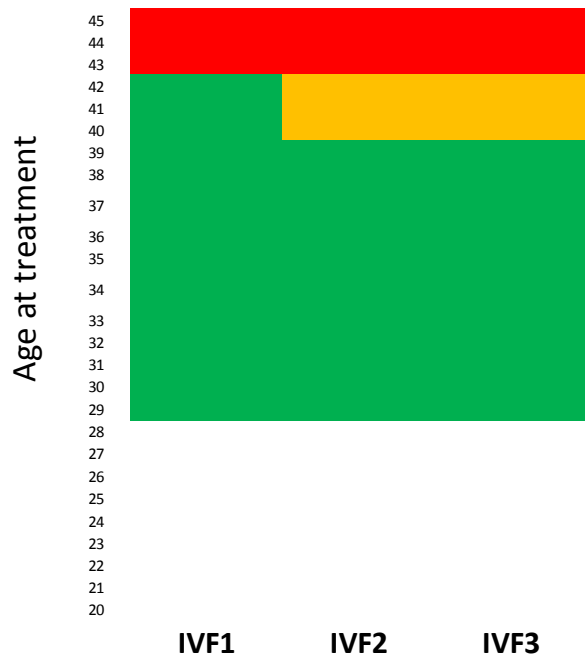
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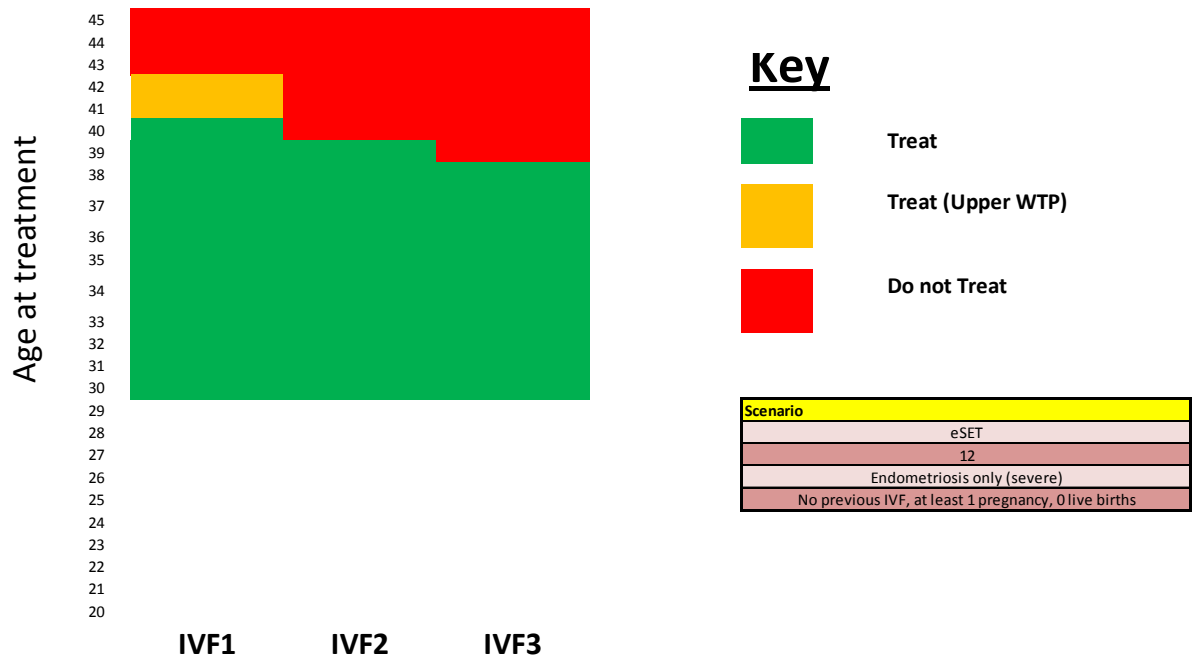
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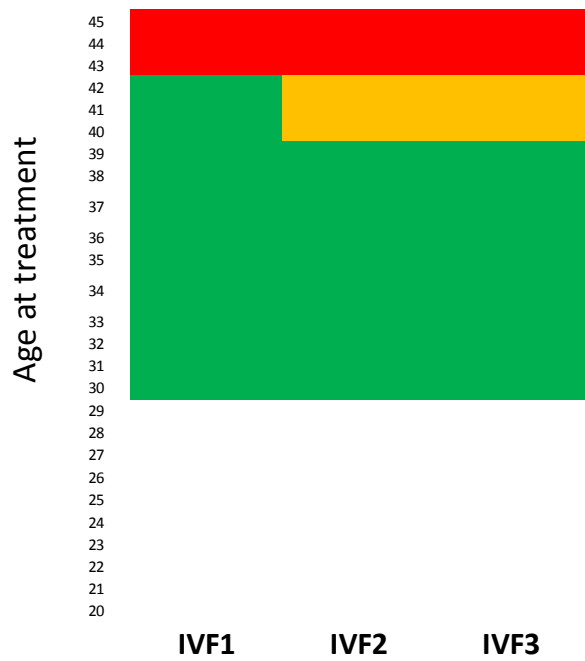
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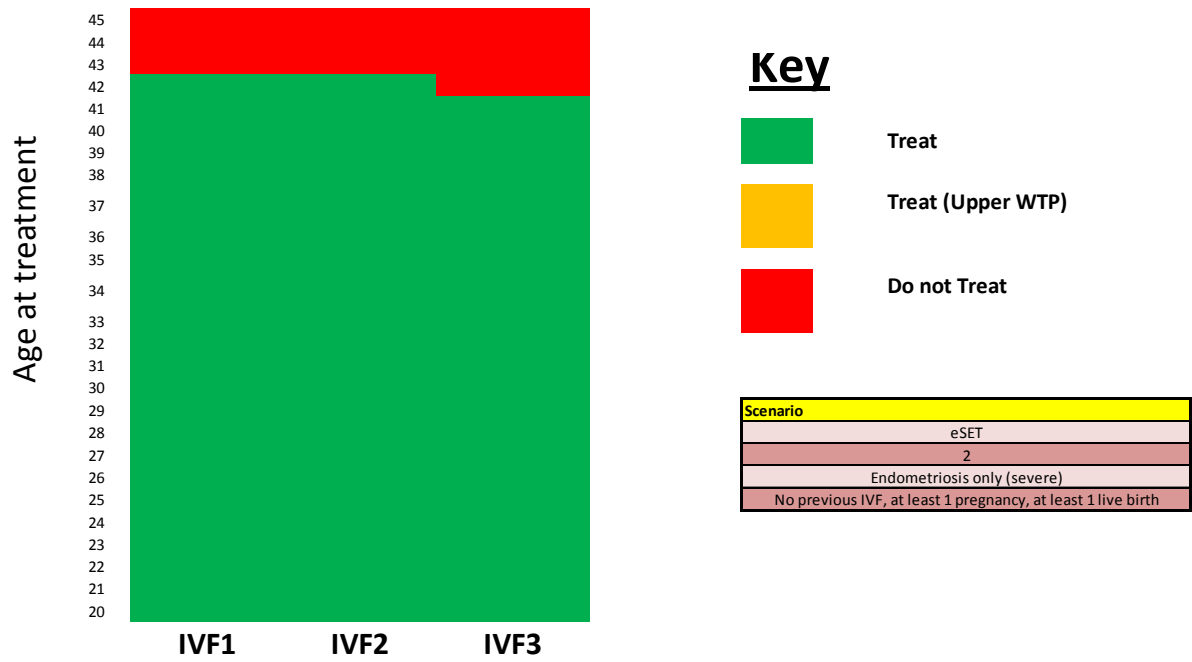
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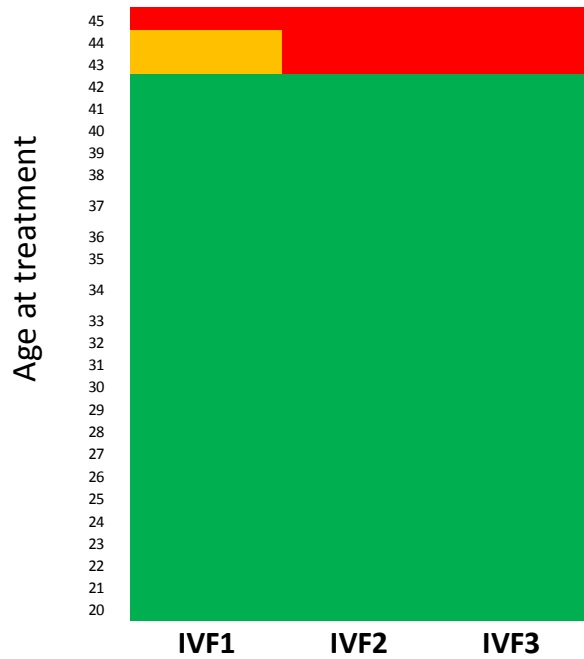
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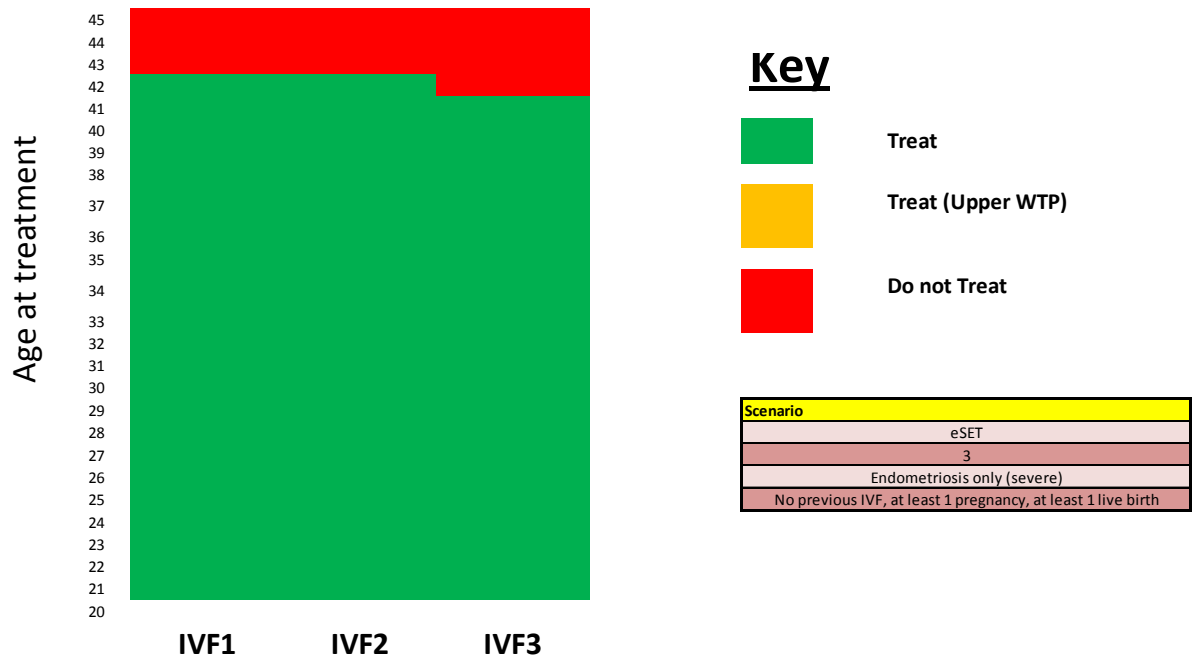
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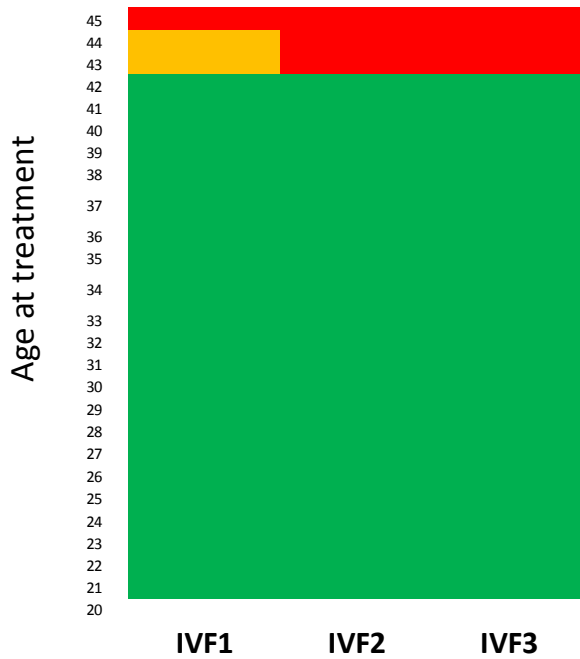
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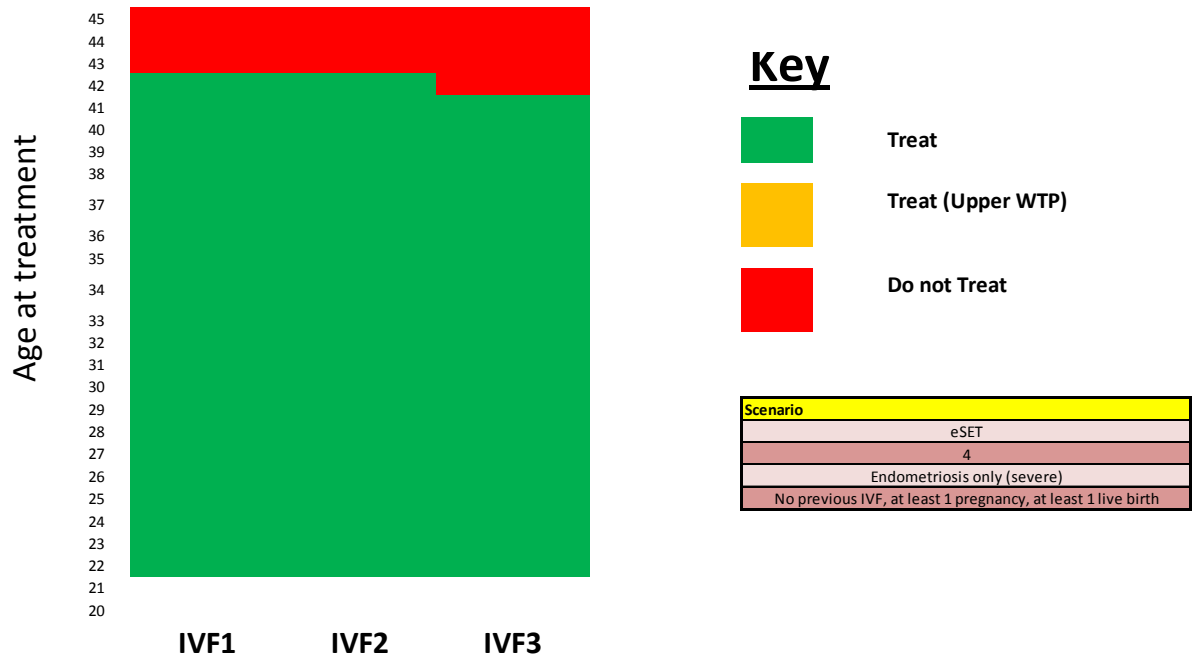
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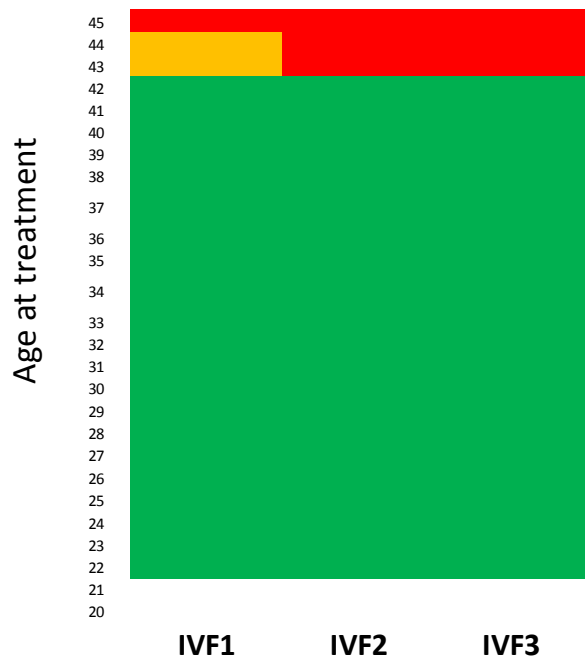
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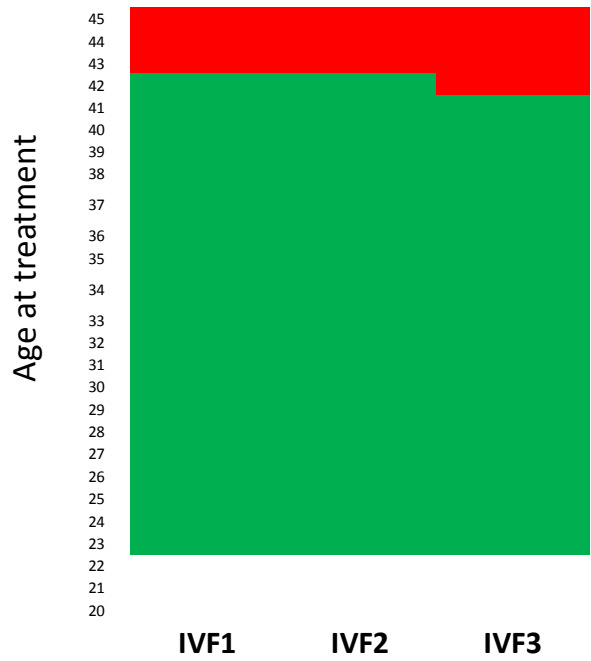
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DET



eSET

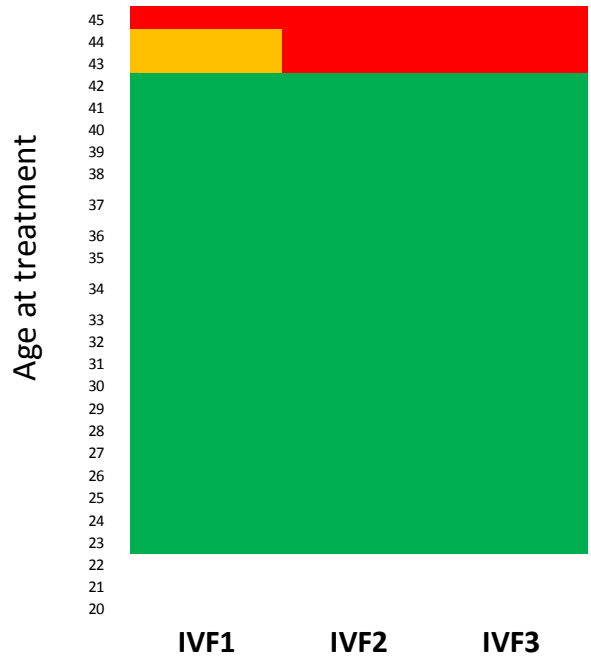


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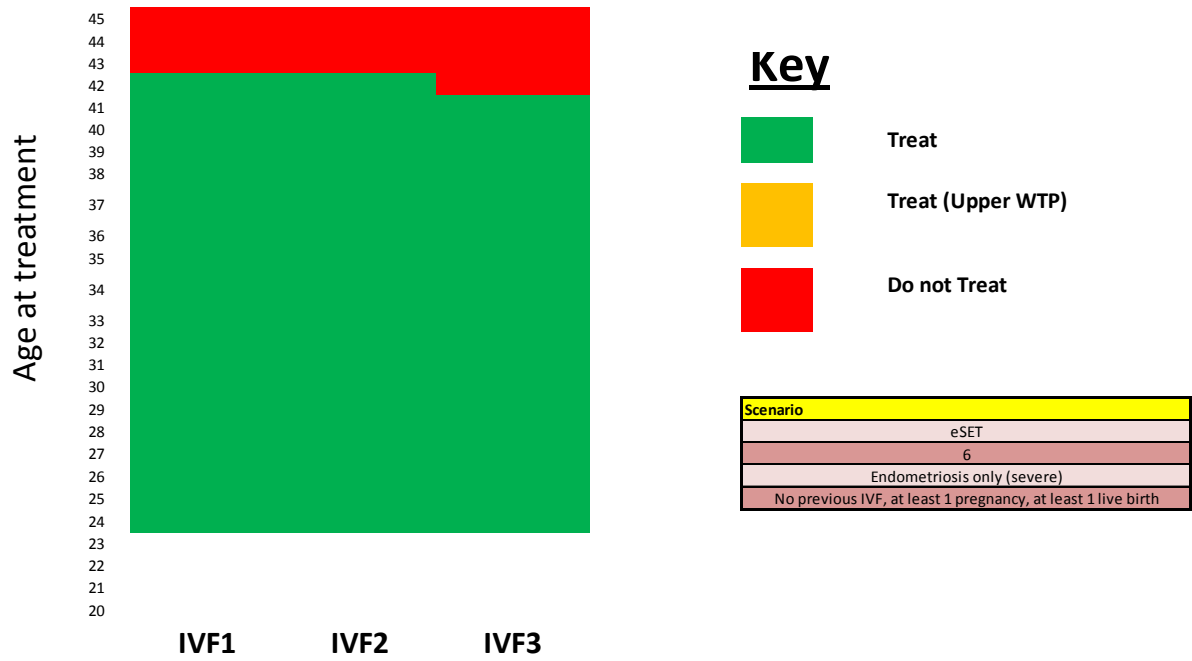
- Treat
- Treat (Upper WTP)
- Do not Treat

Scenario
eSET
5
Endometriosis only (severe)
No previous IVF, at least 1 pregnancy, at least 1 live birth

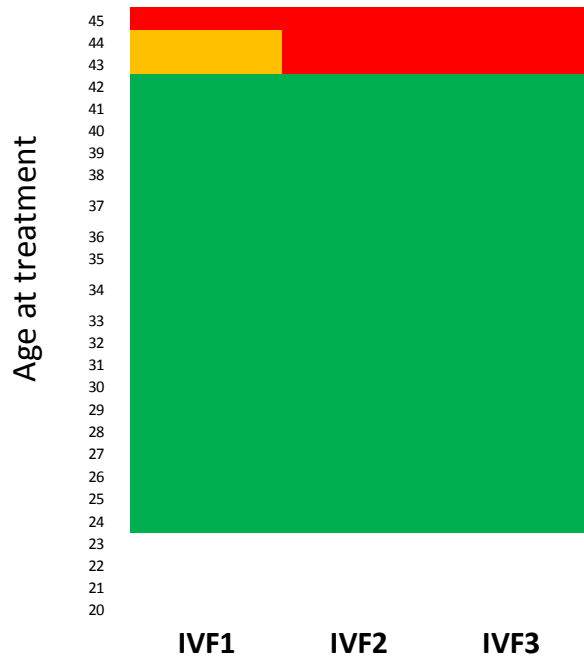
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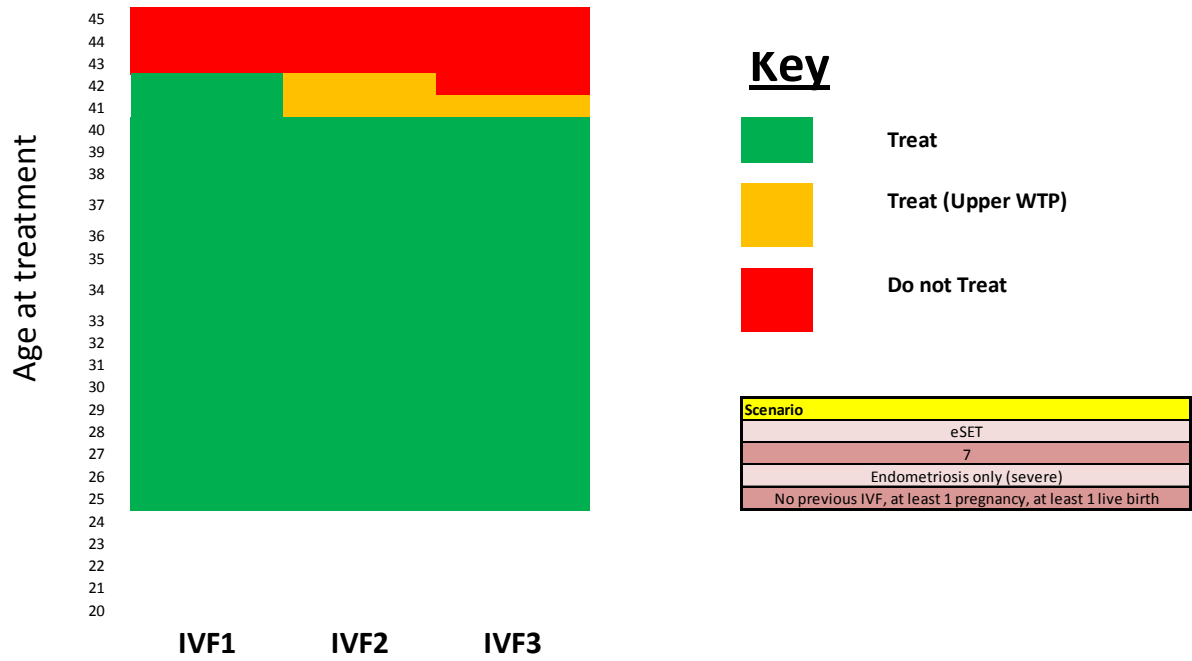
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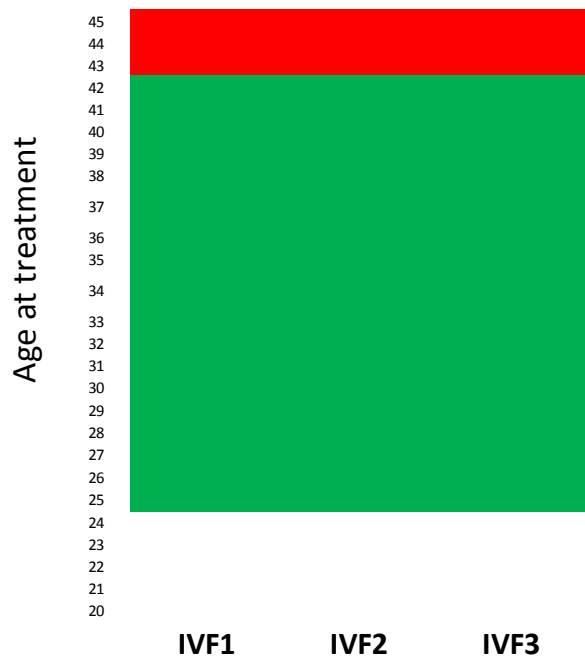
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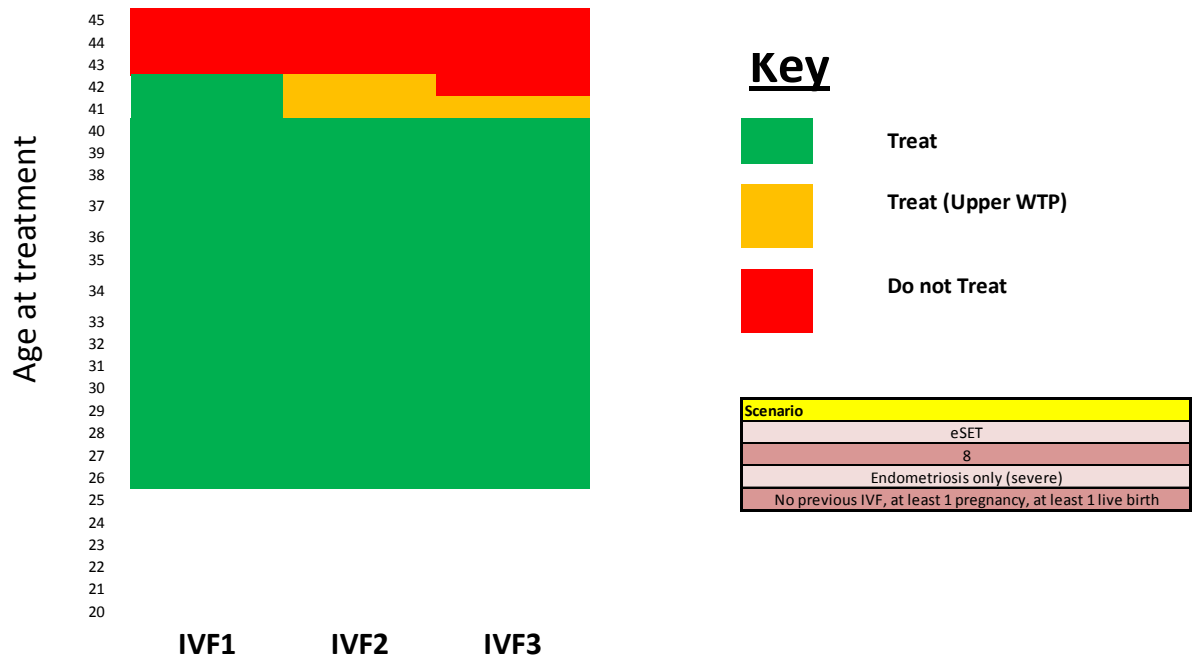
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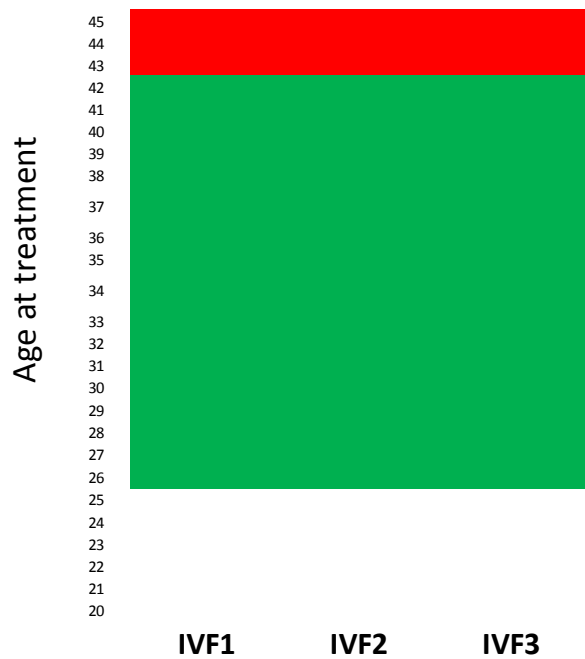
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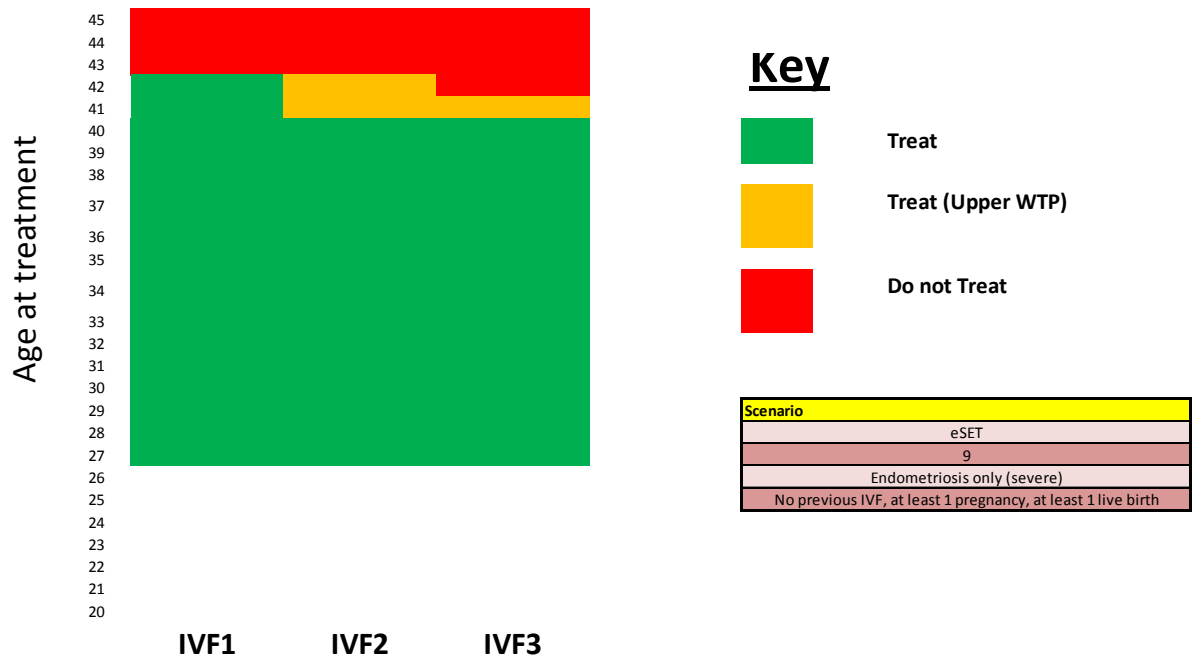
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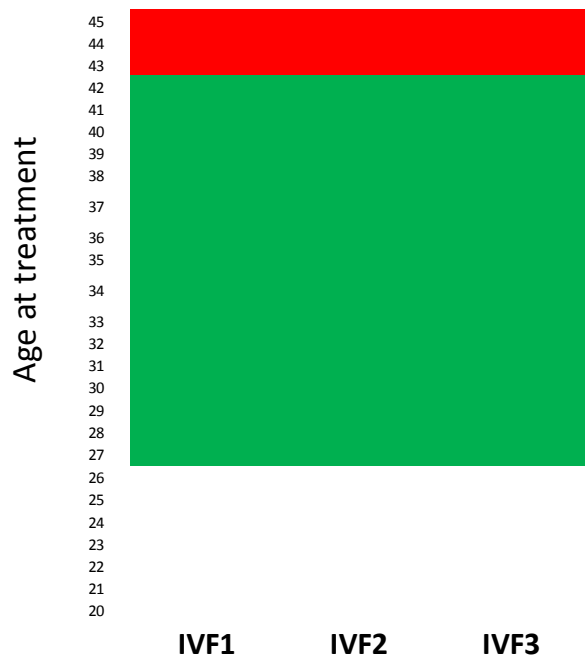
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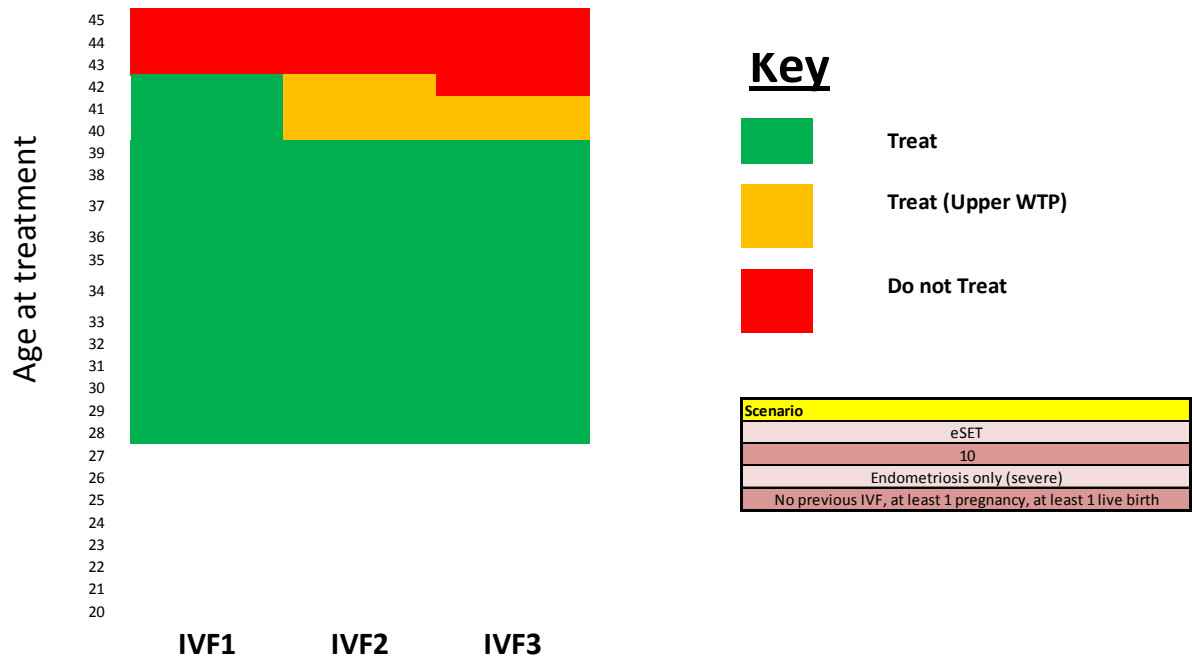
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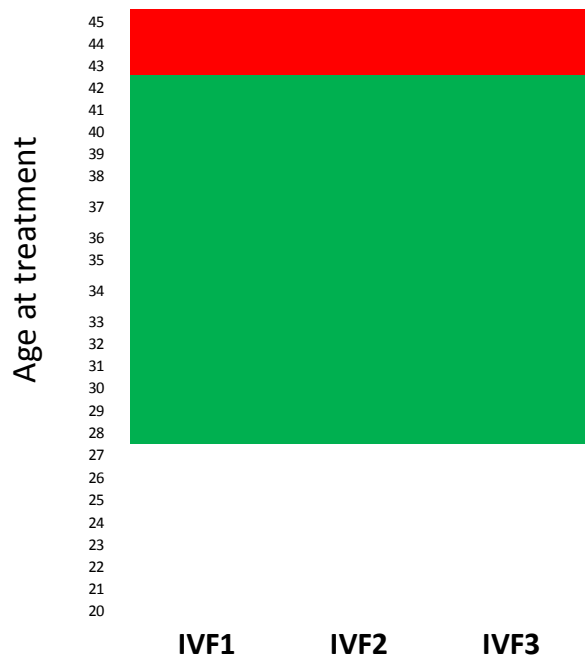
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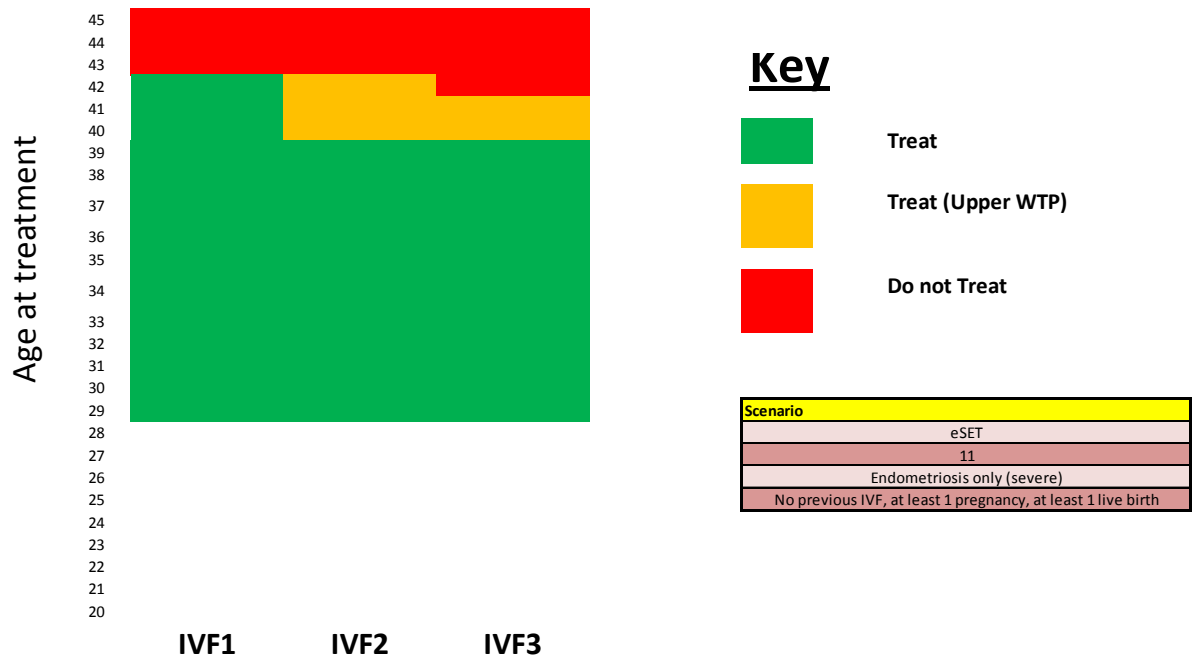
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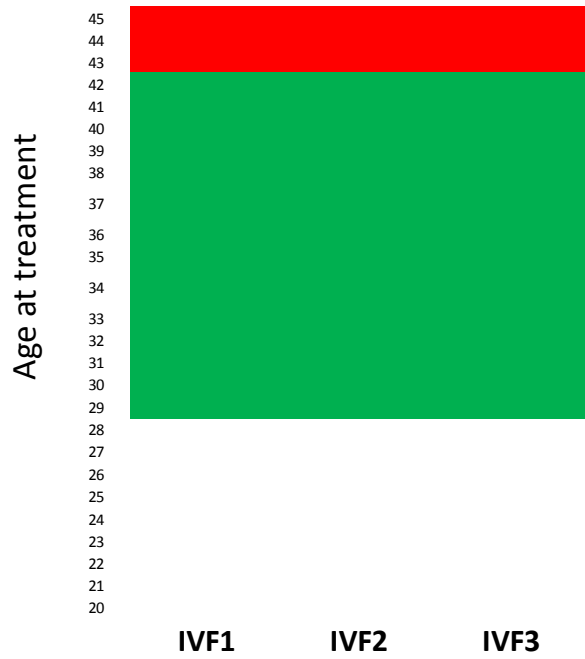
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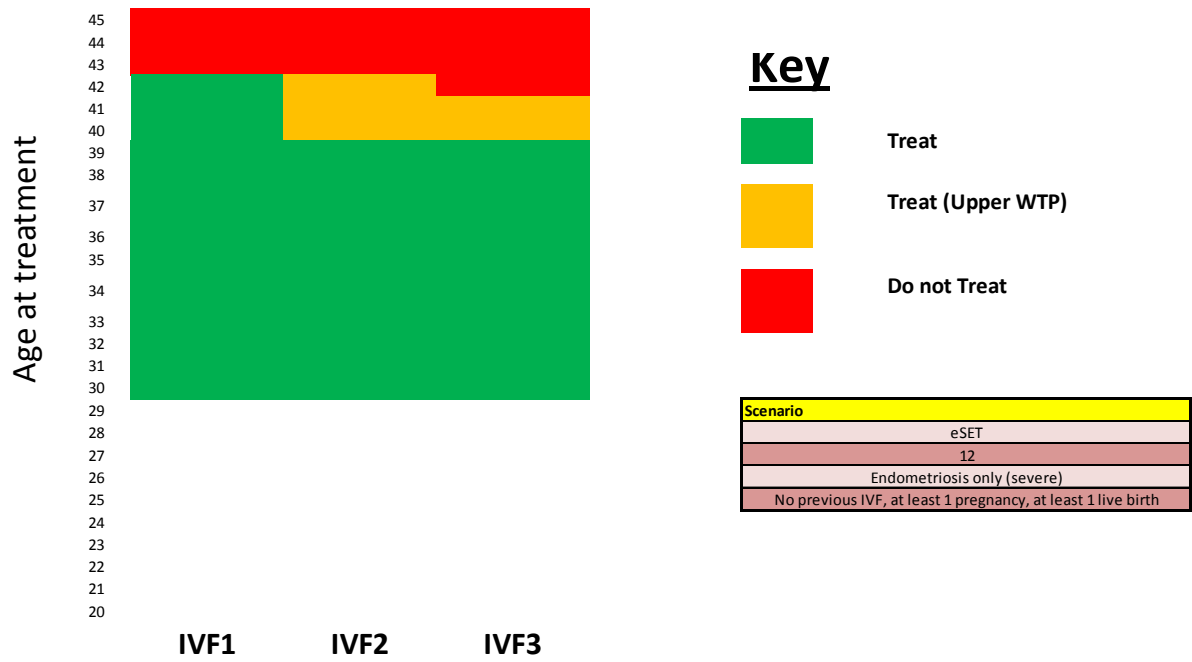
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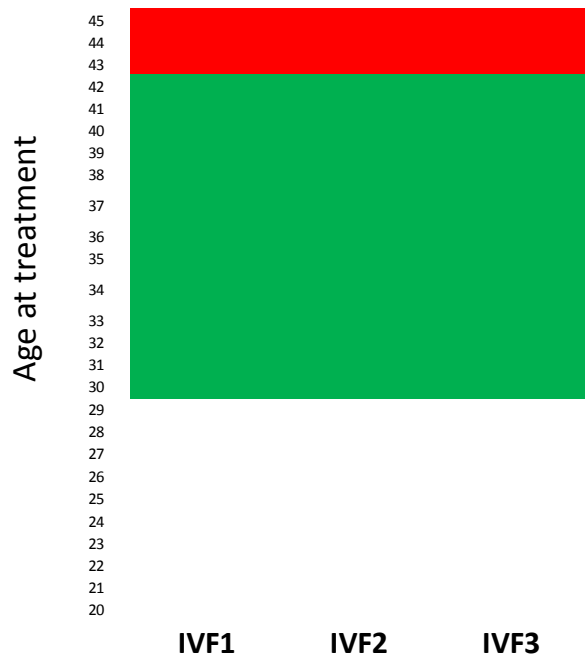
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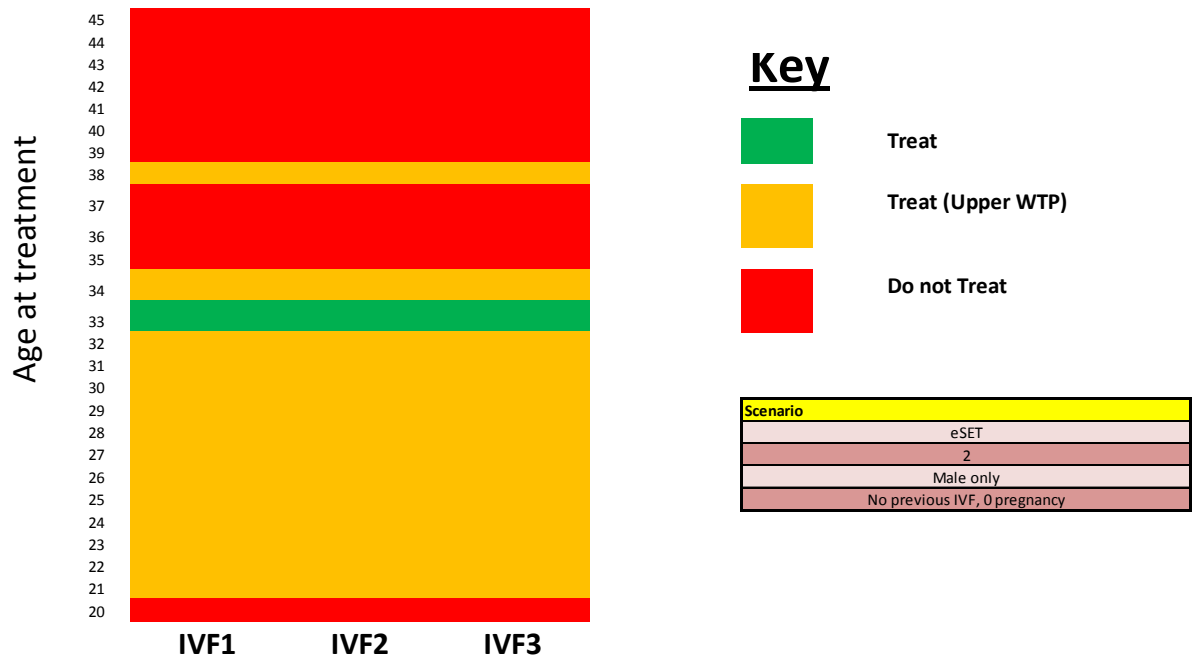
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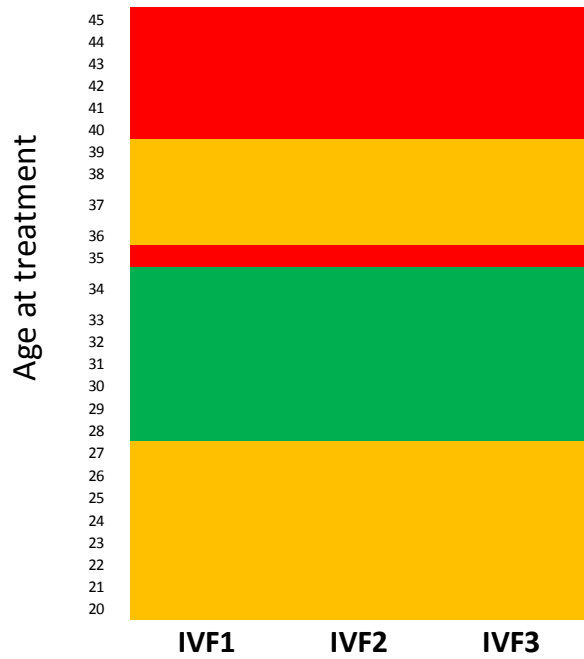
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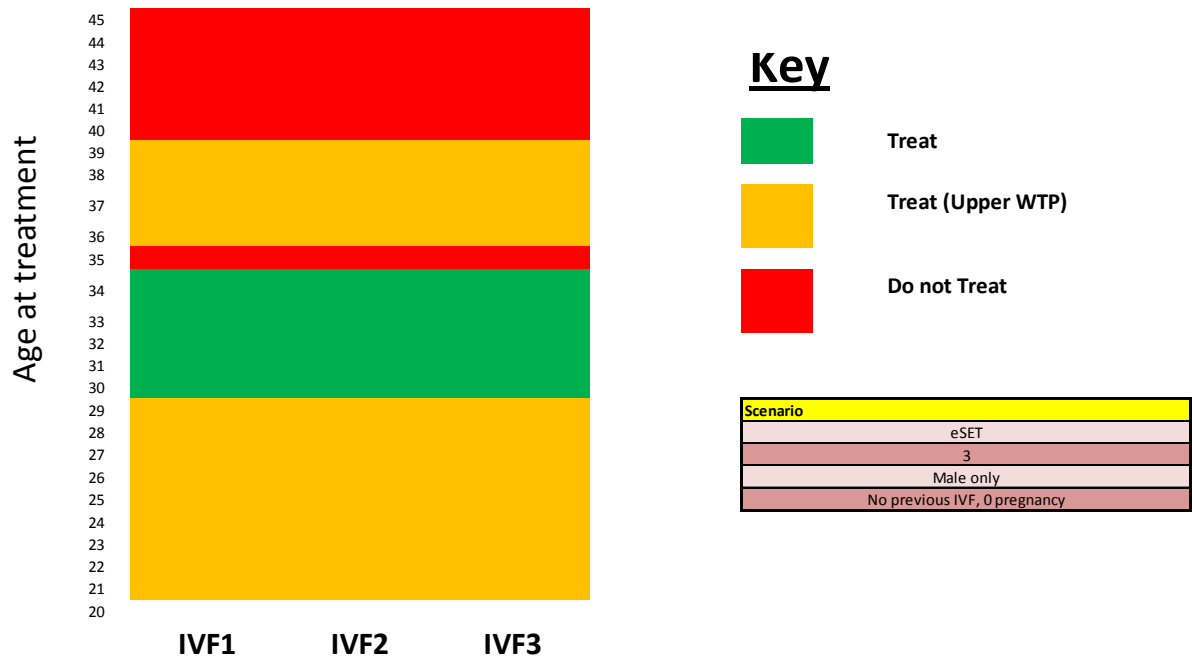
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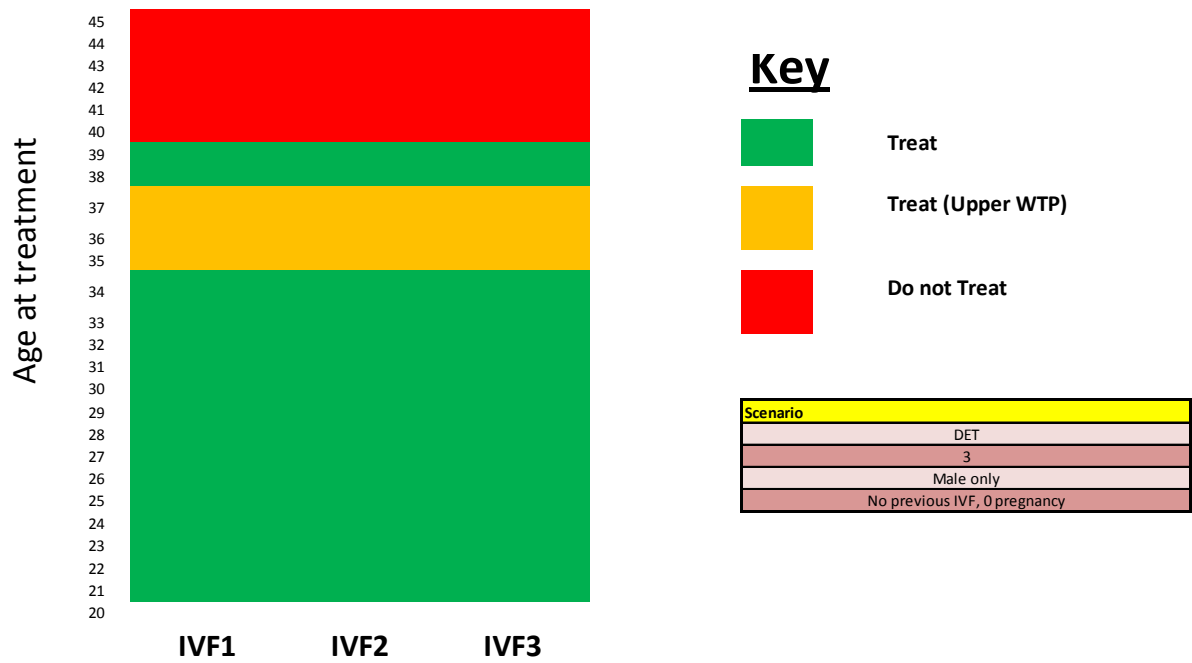
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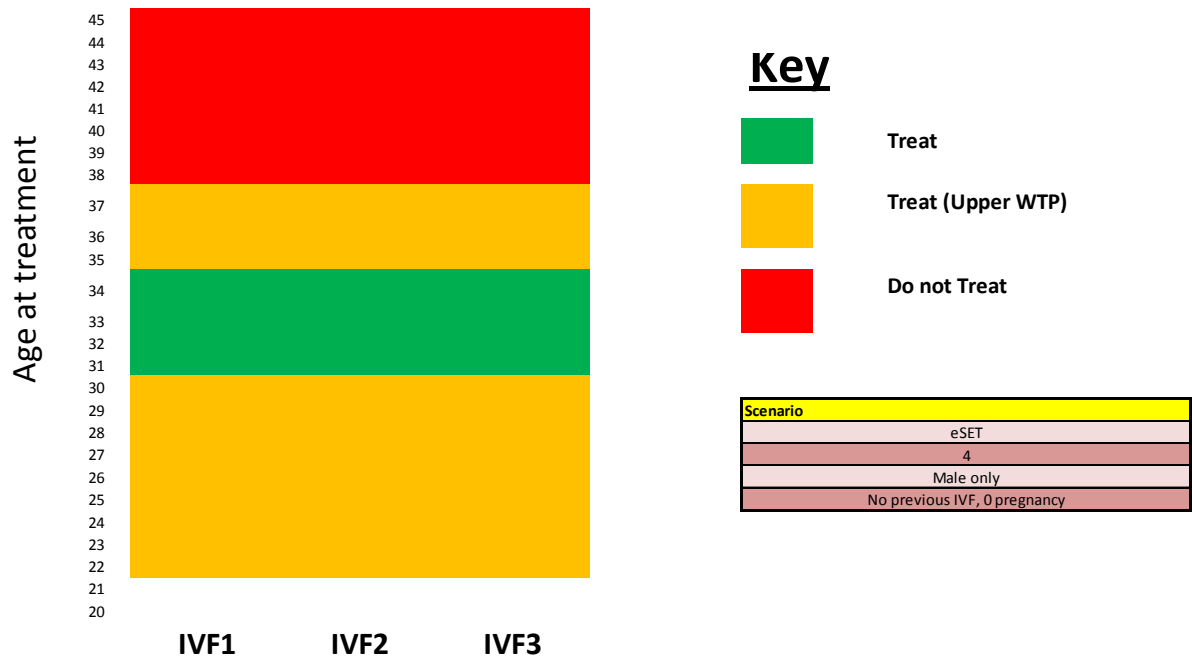
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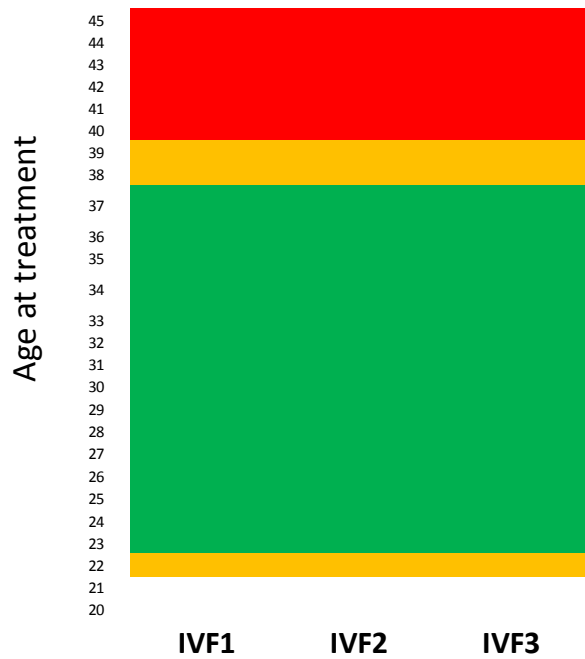
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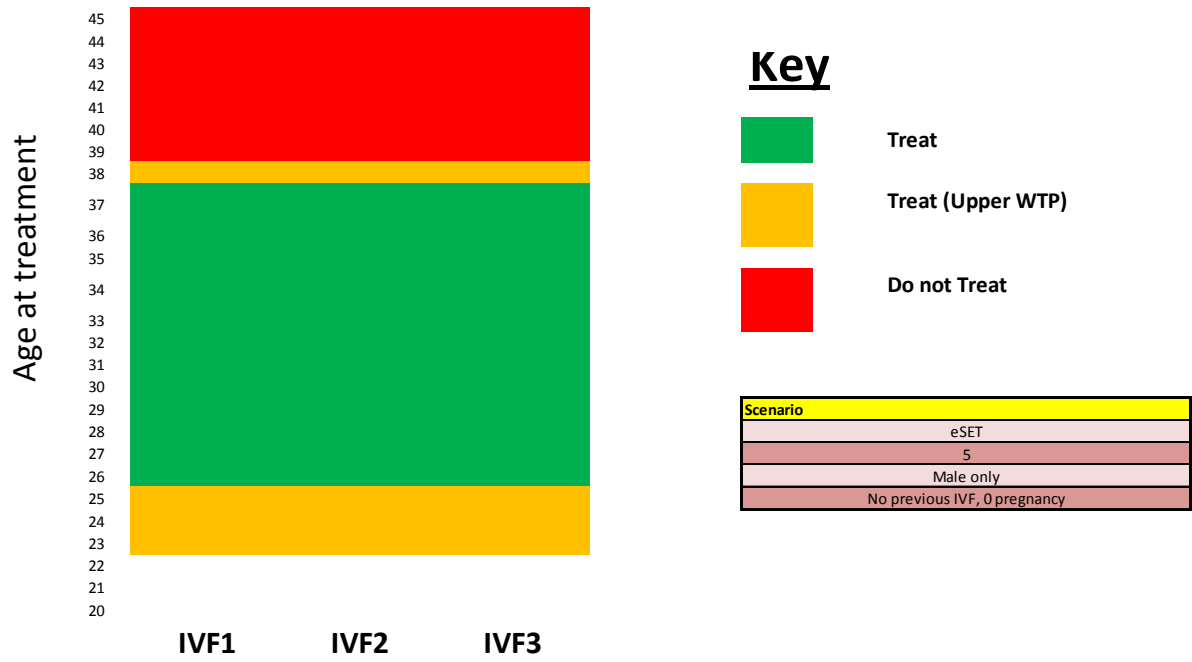
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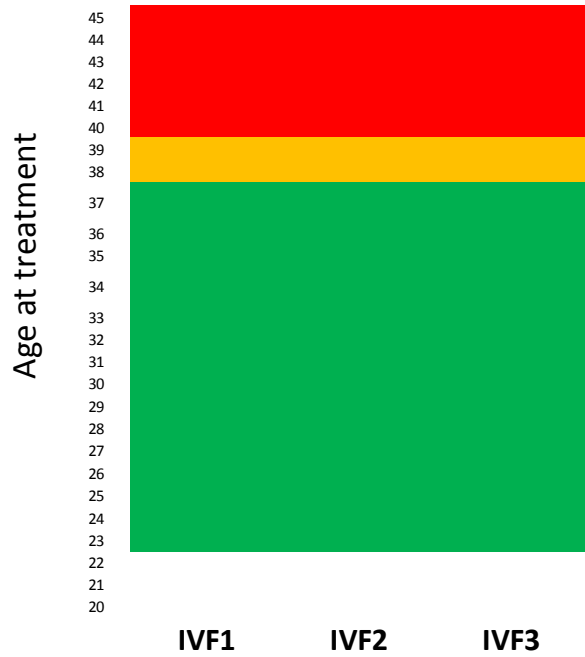
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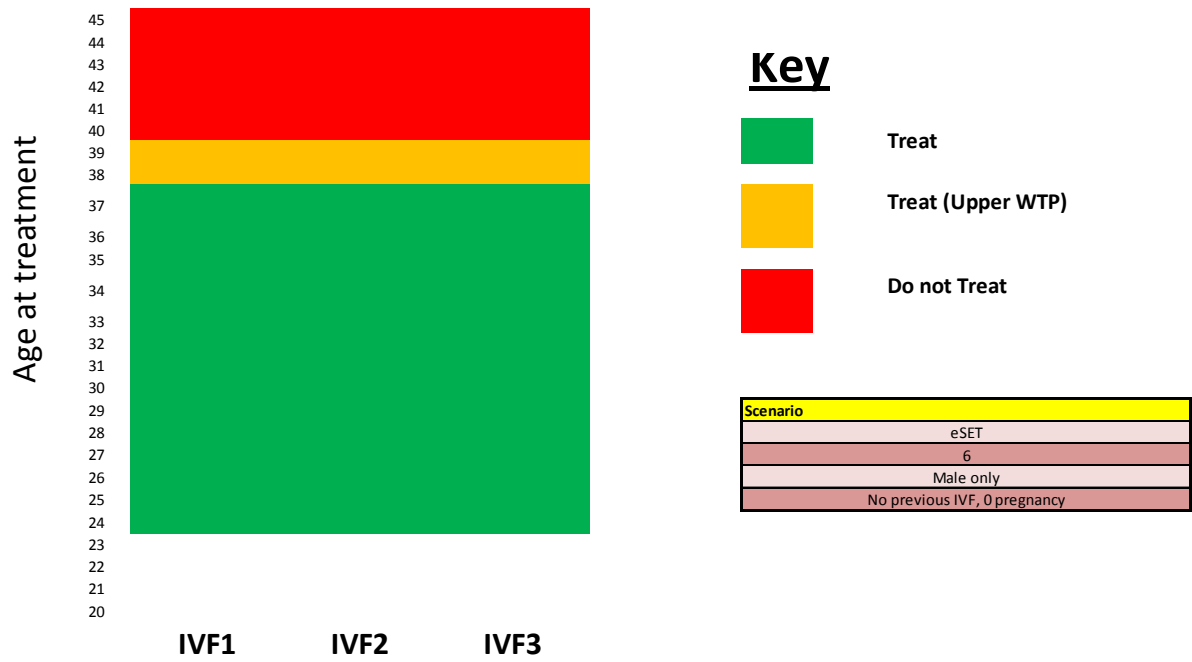
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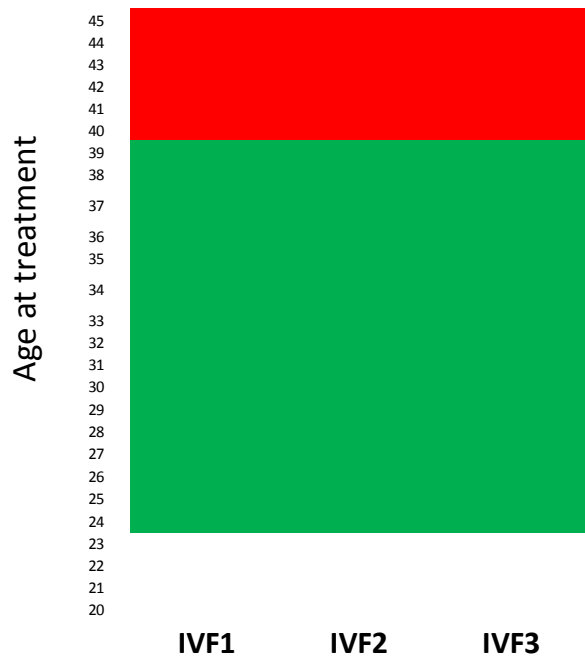
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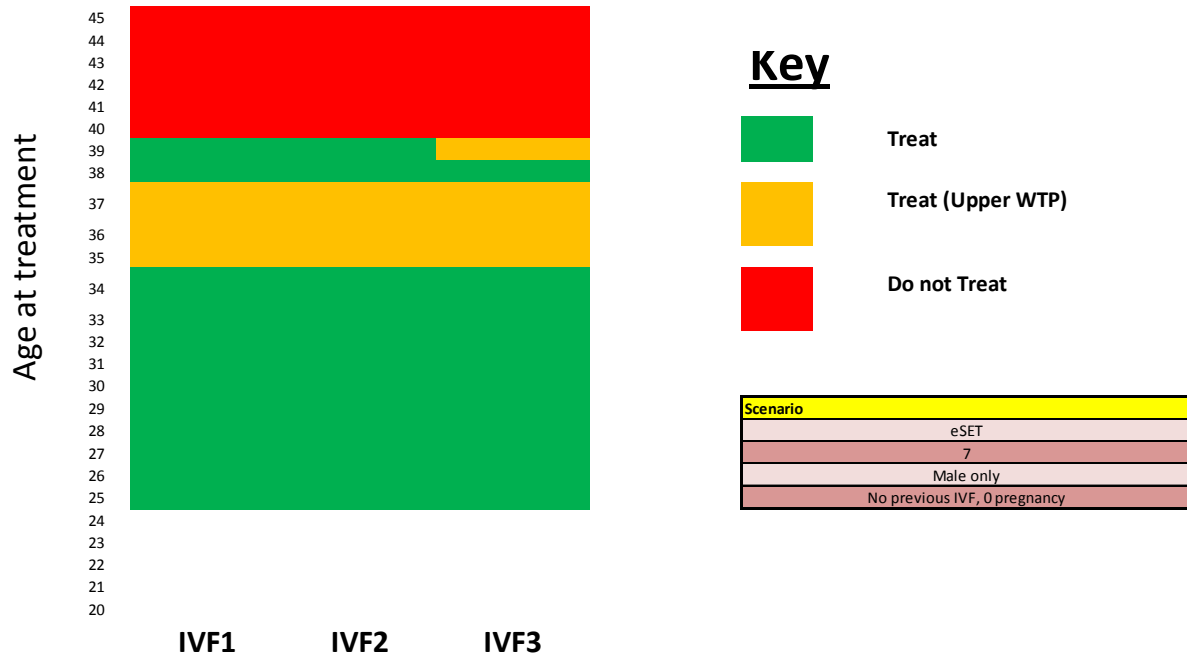
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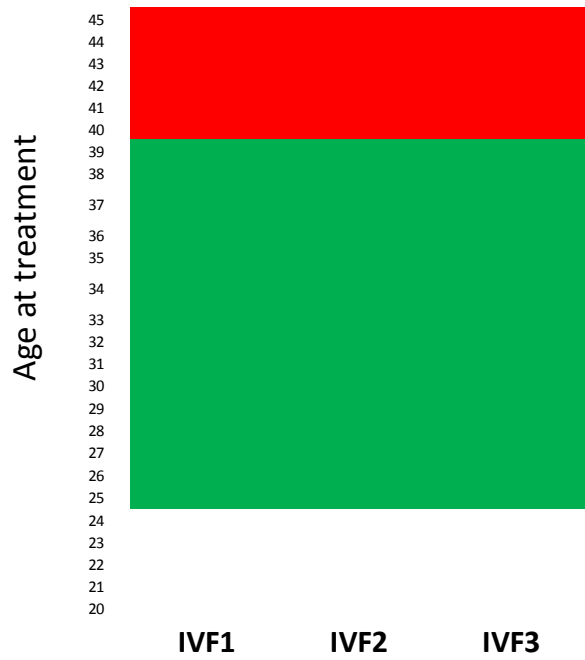
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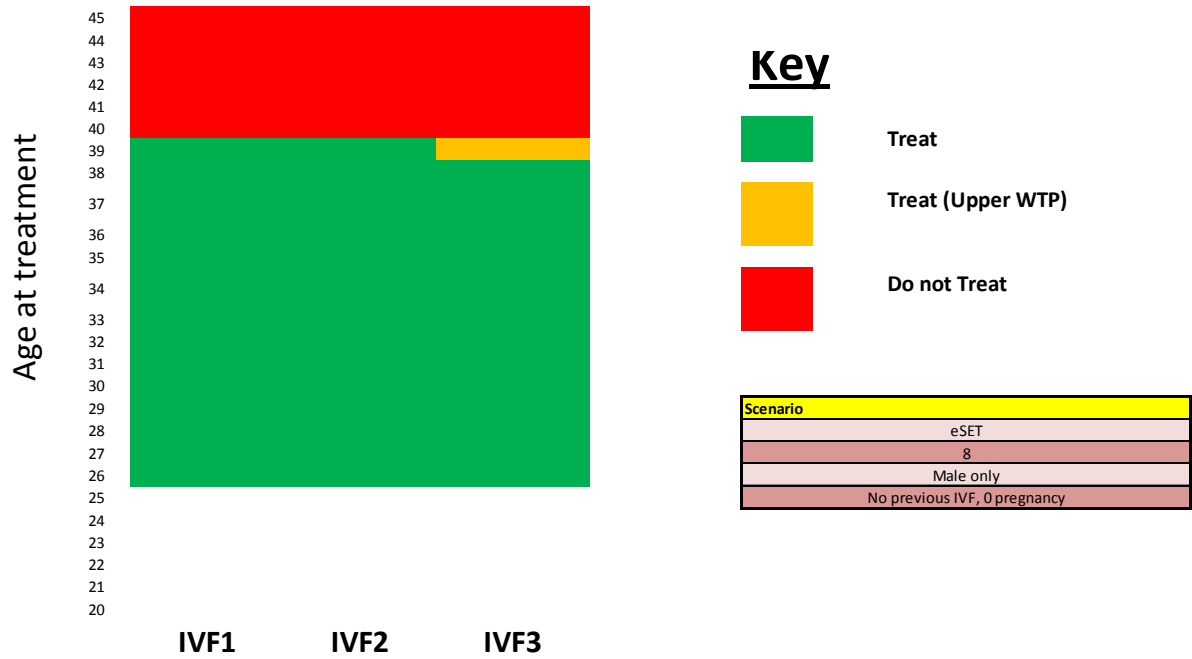
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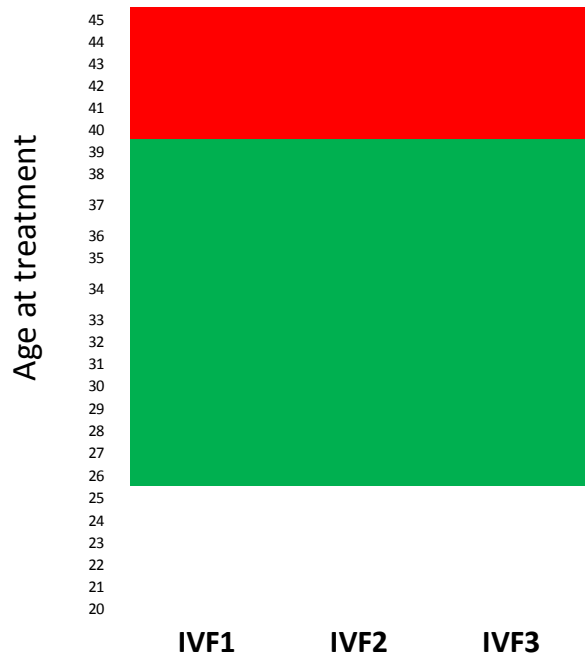
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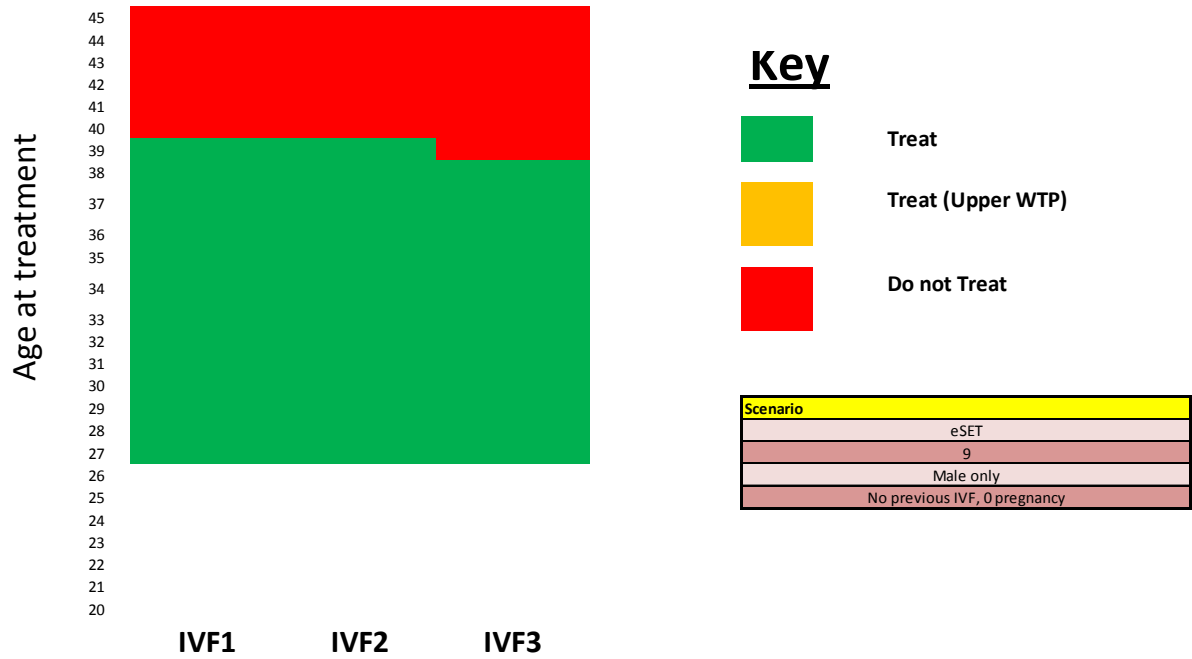
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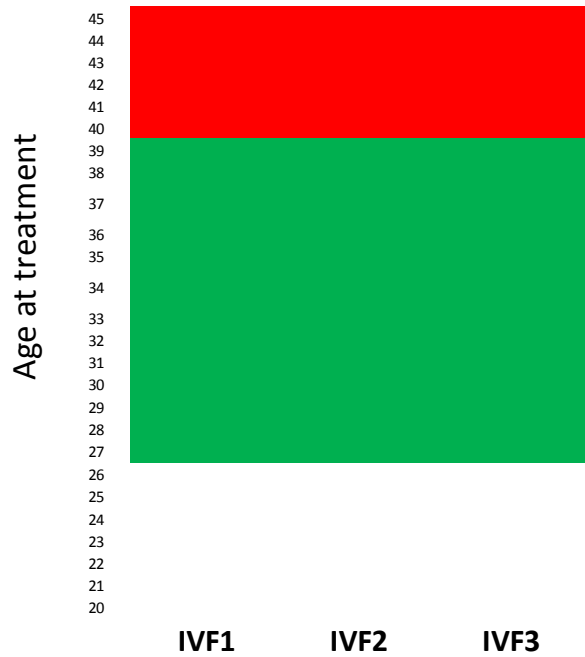
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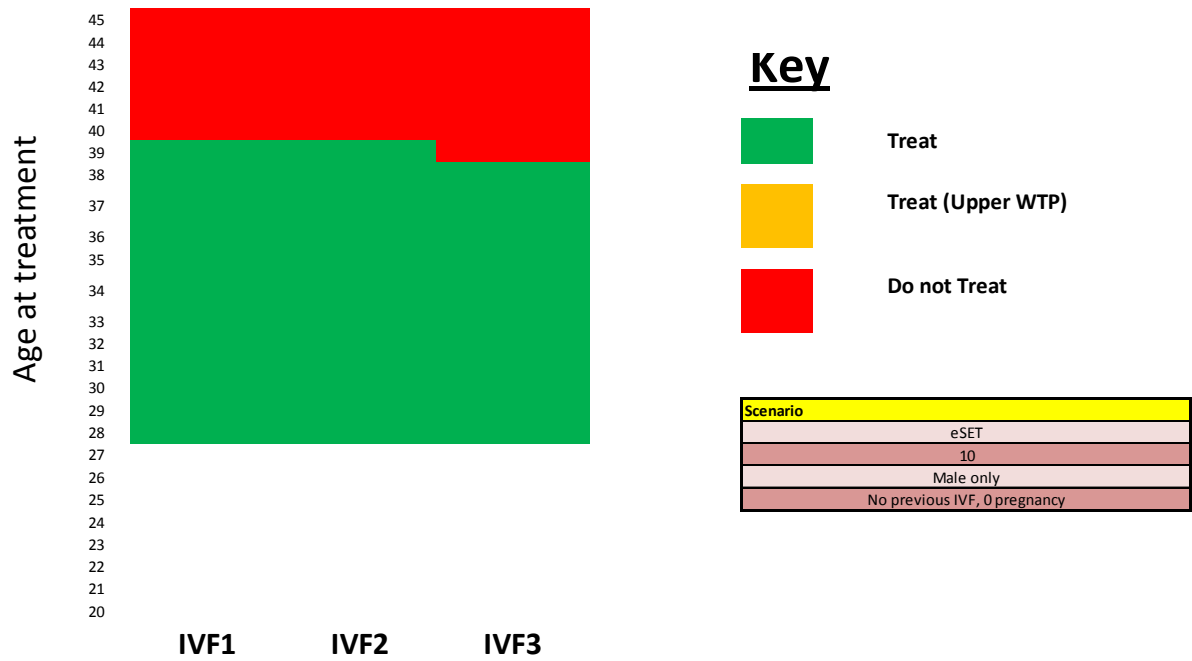
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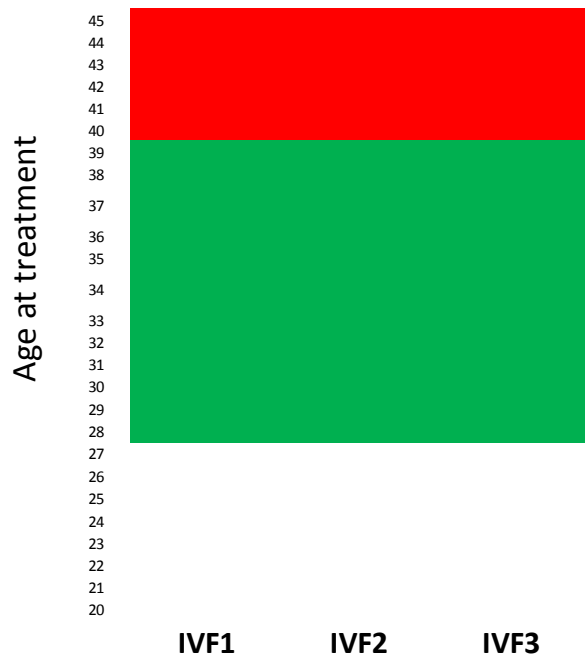
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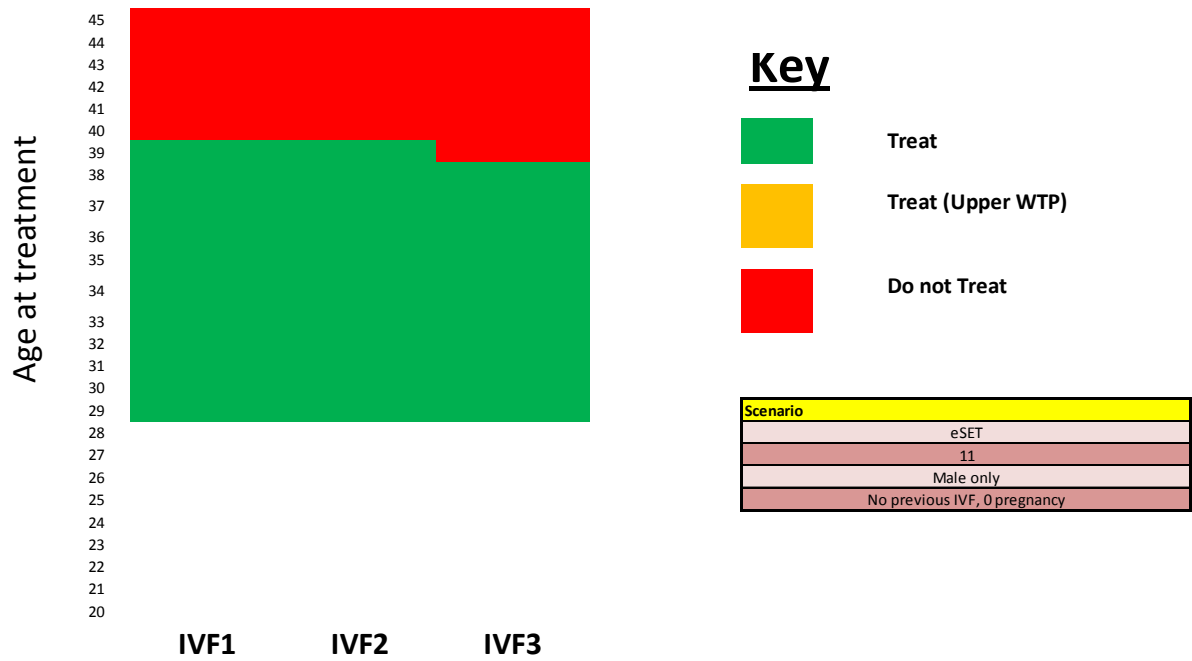
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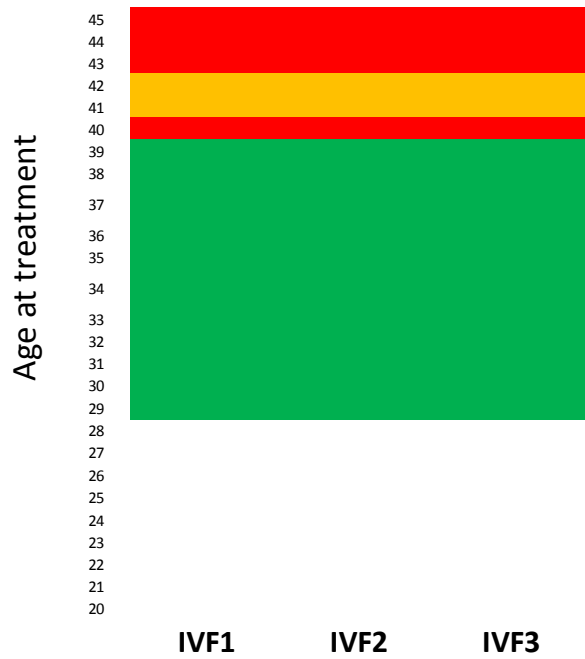
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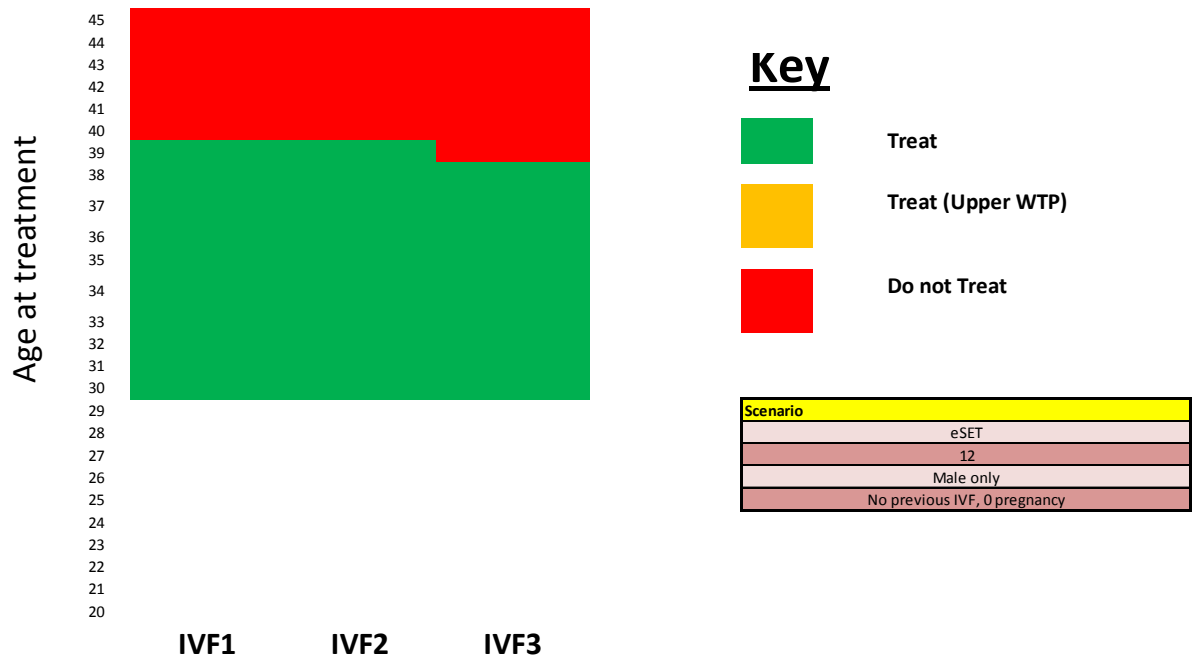
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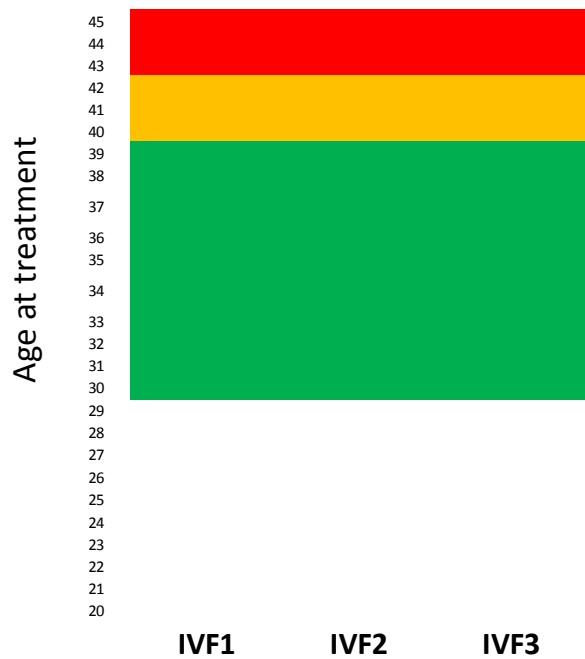
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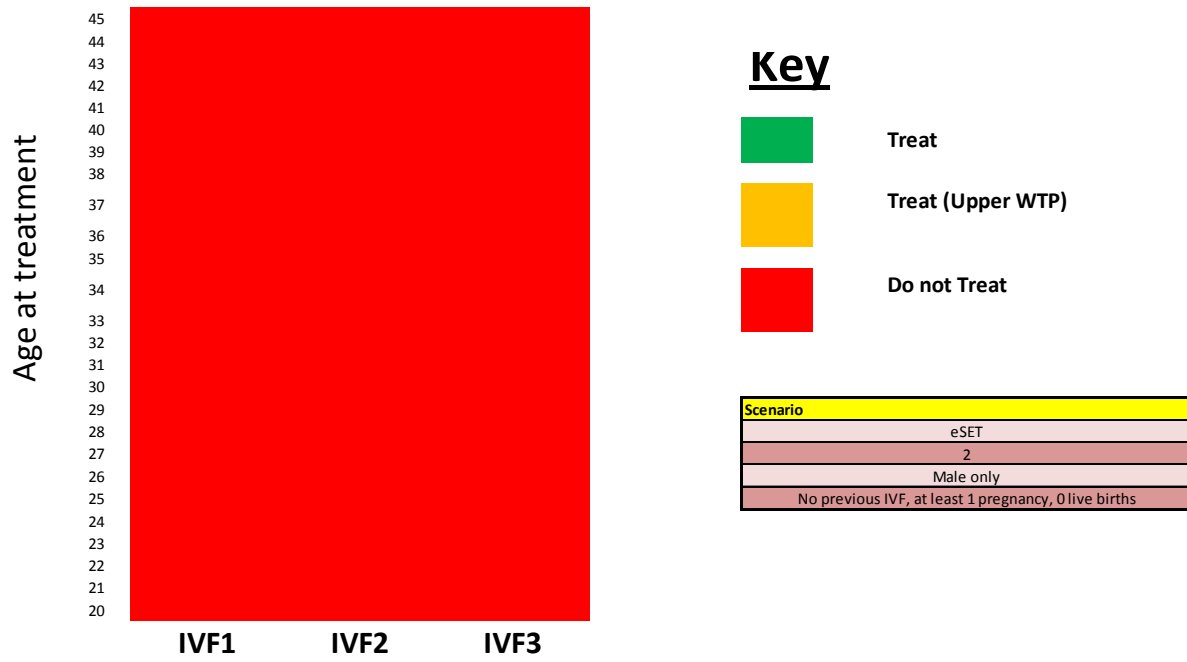
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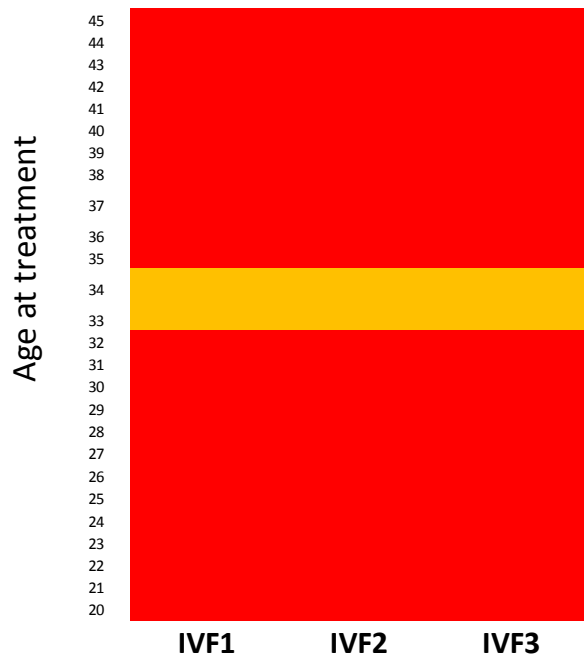
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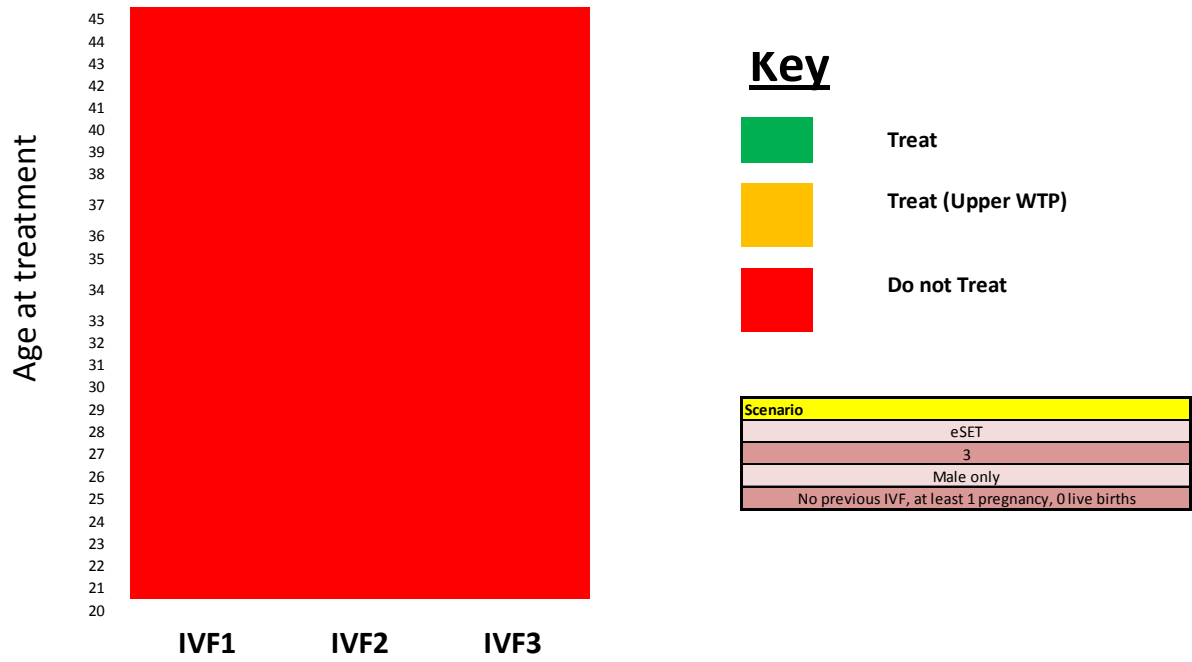
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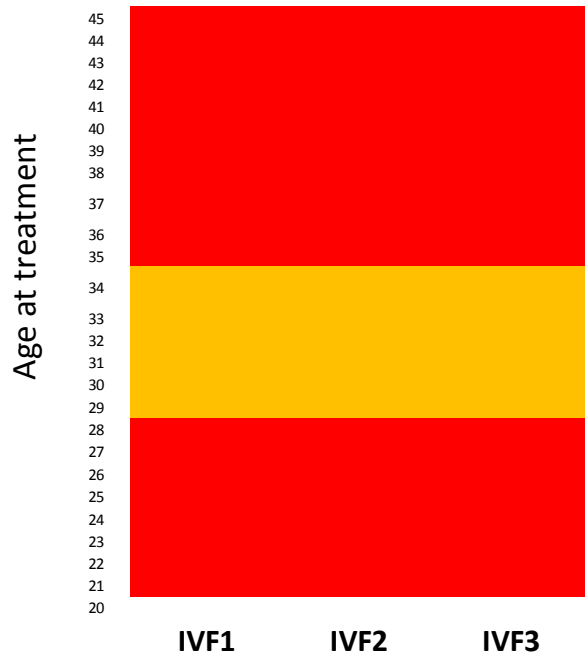
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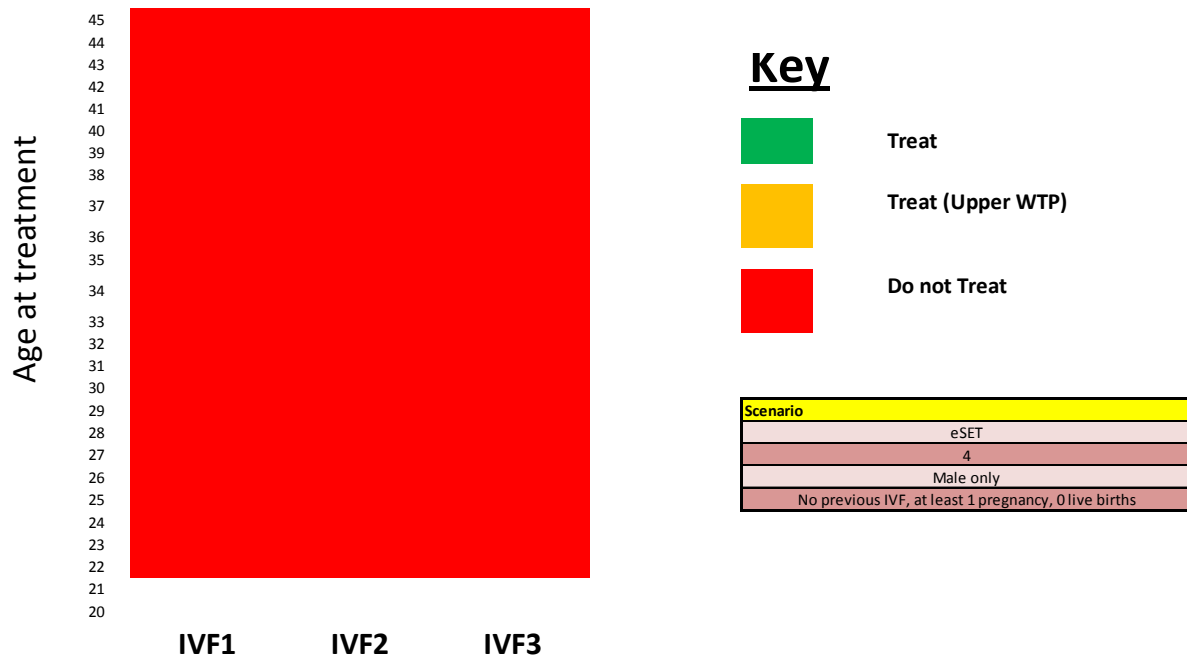
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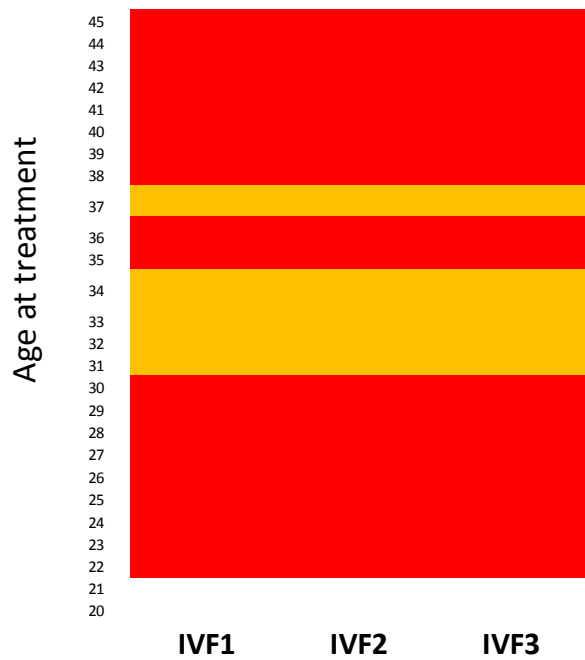
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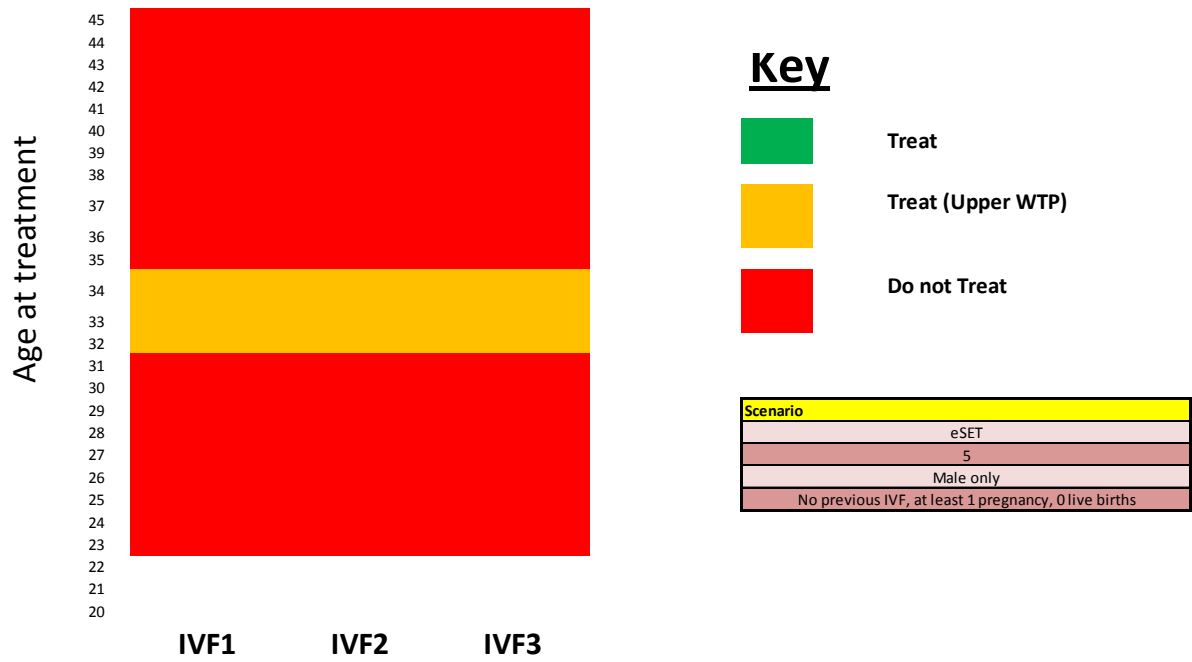
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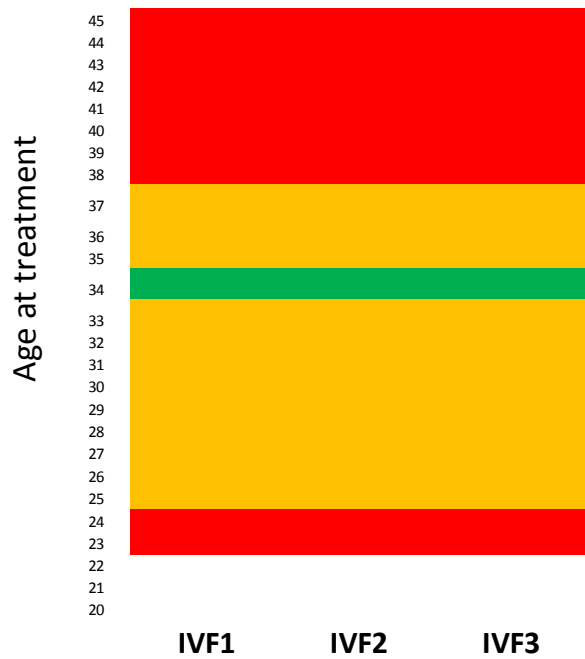
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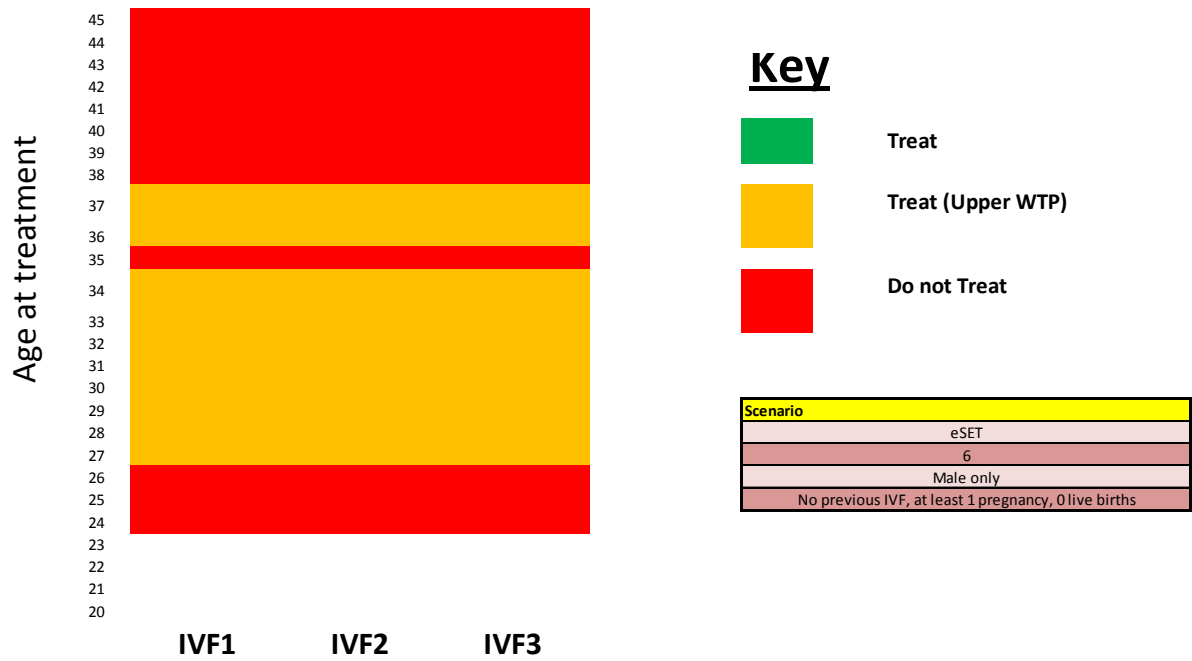
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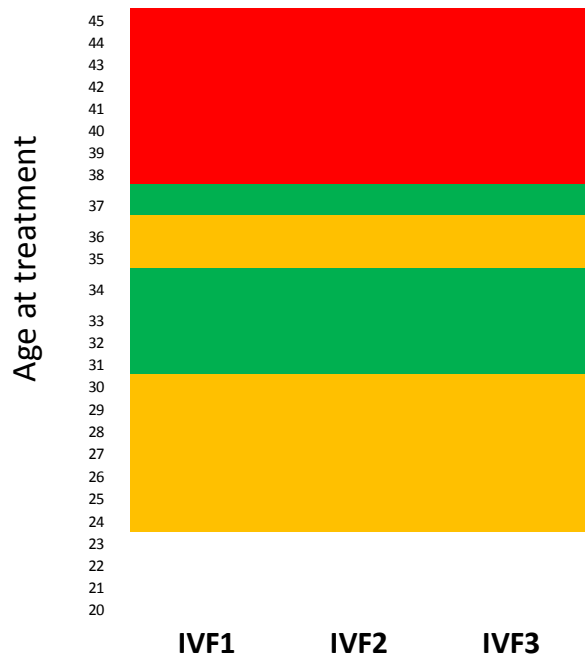
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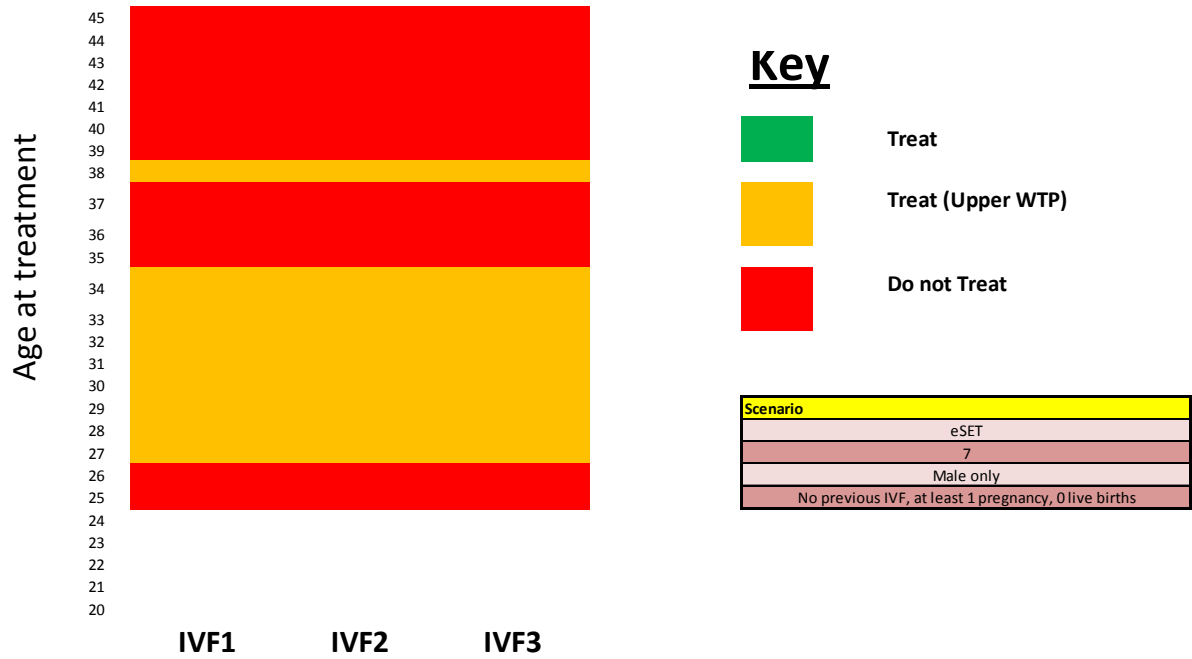
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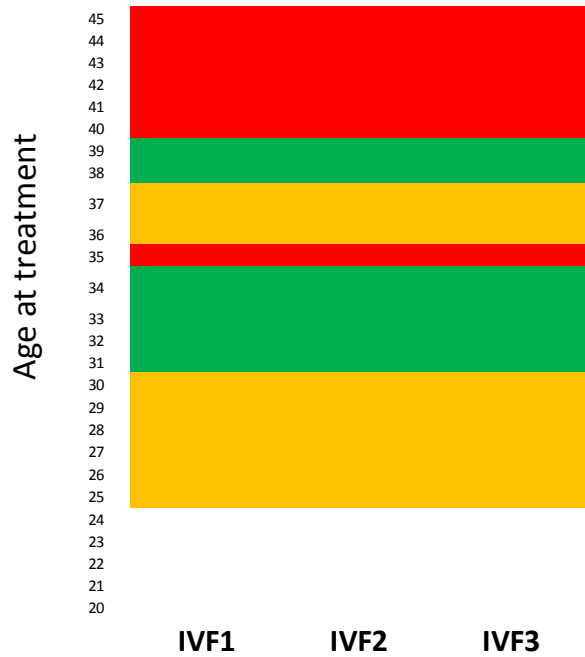
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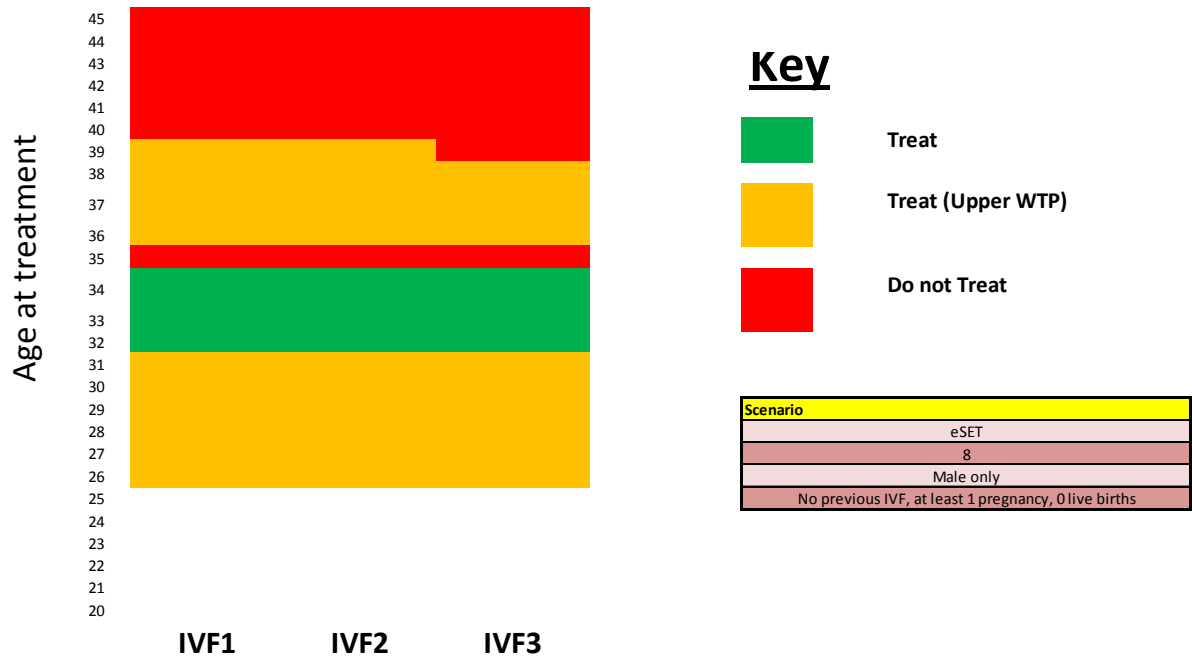
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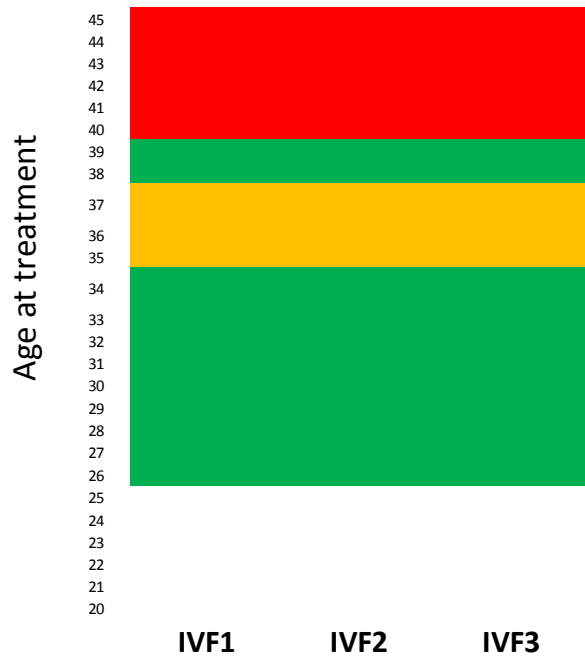
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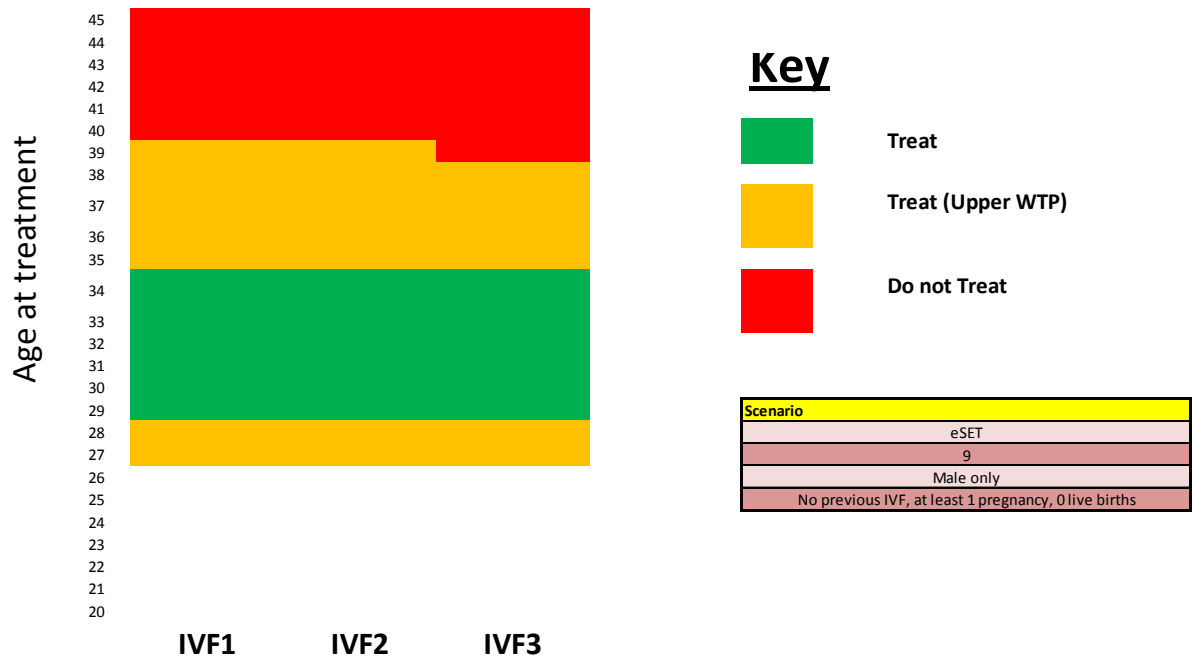
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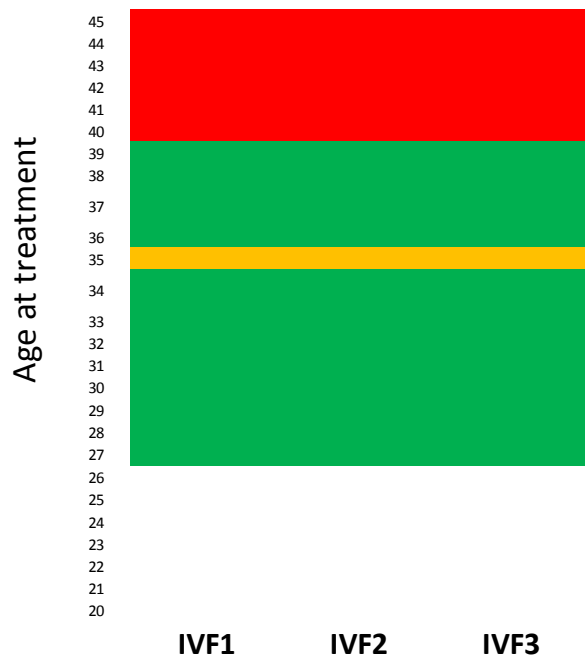
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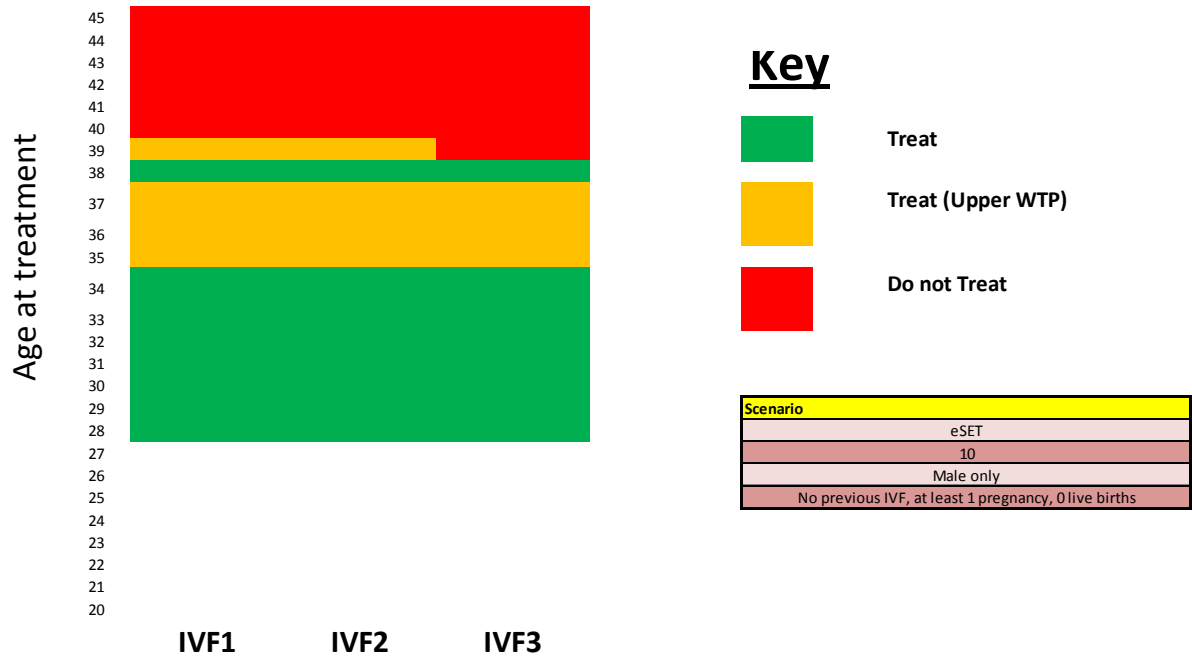
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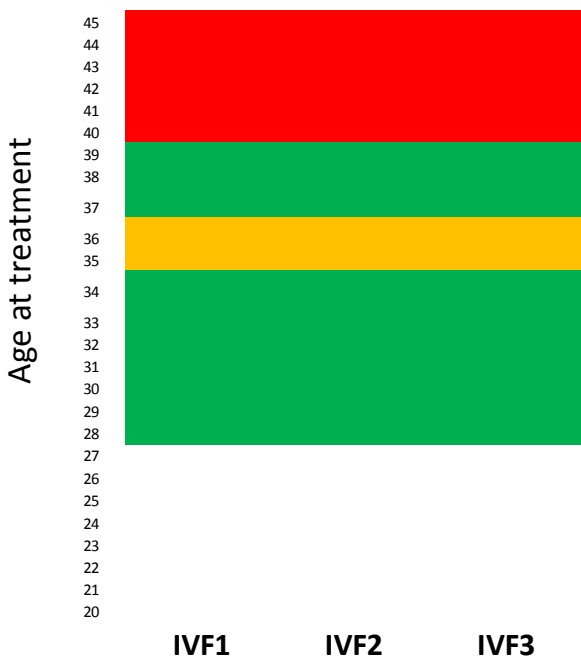
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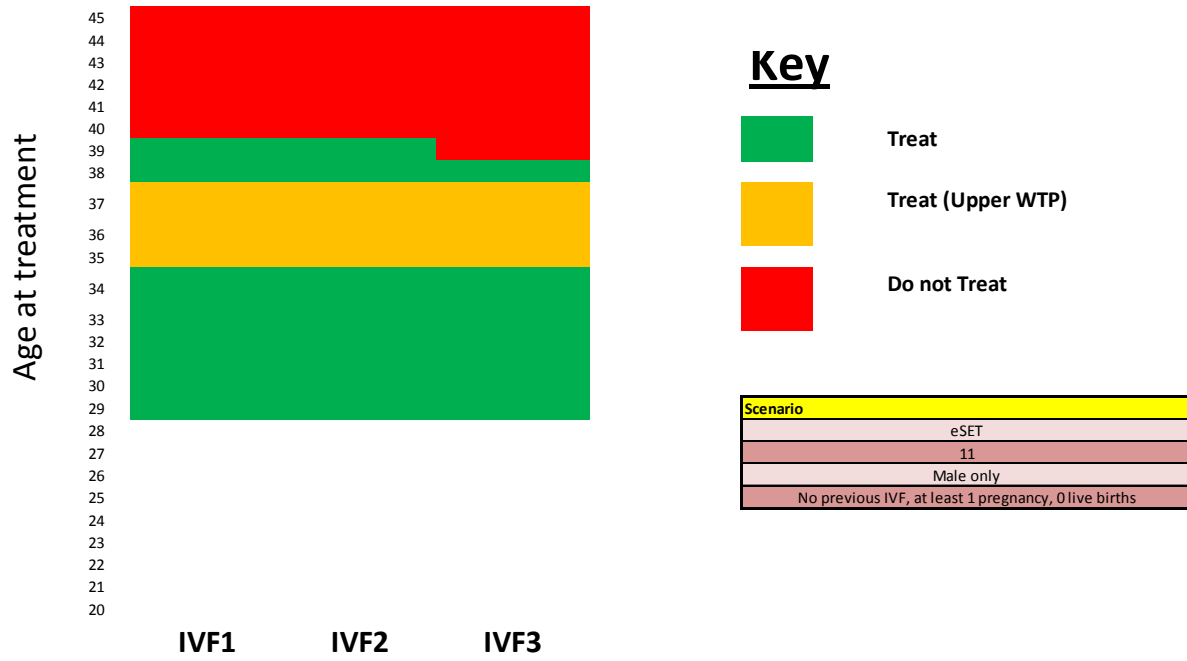
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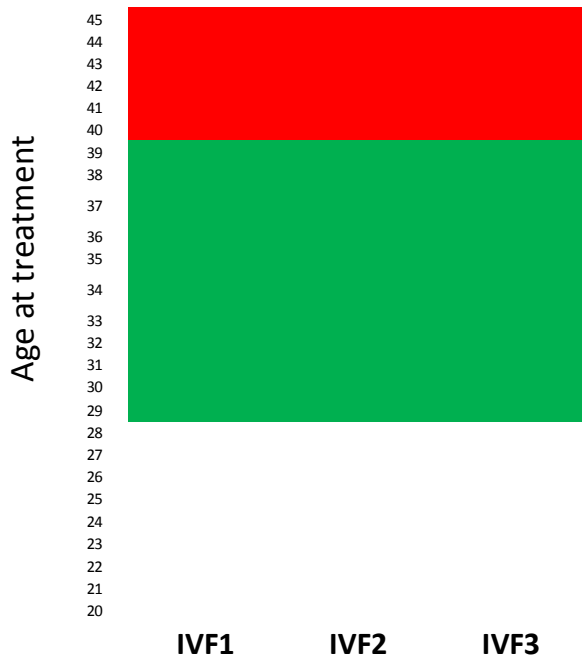
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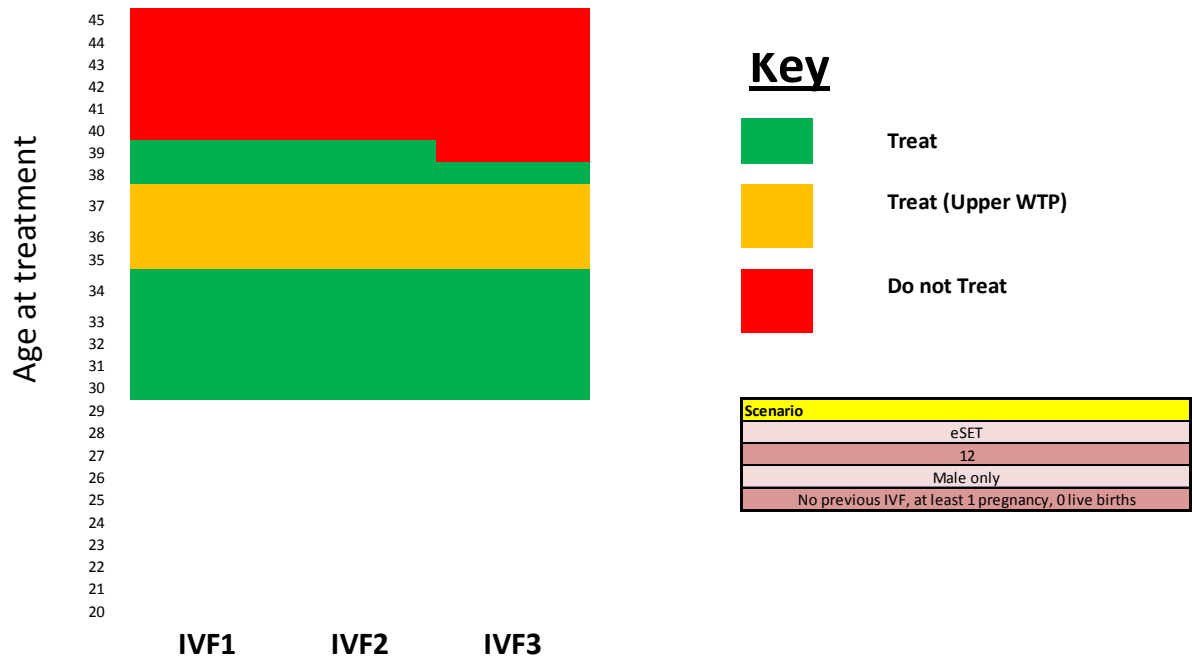
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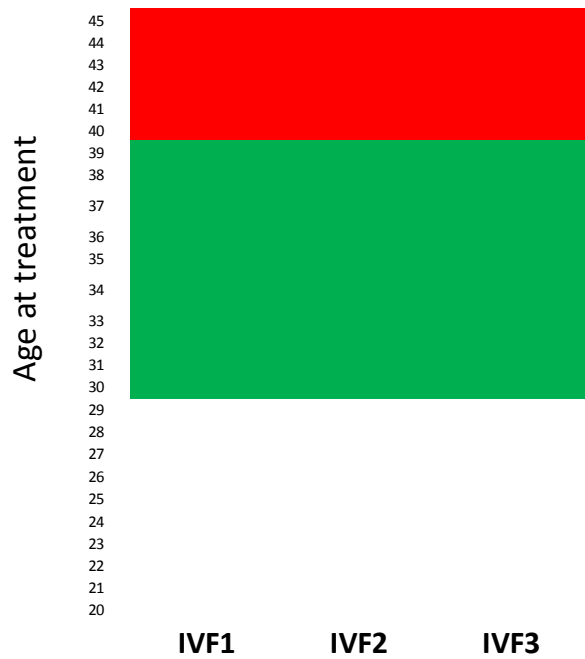
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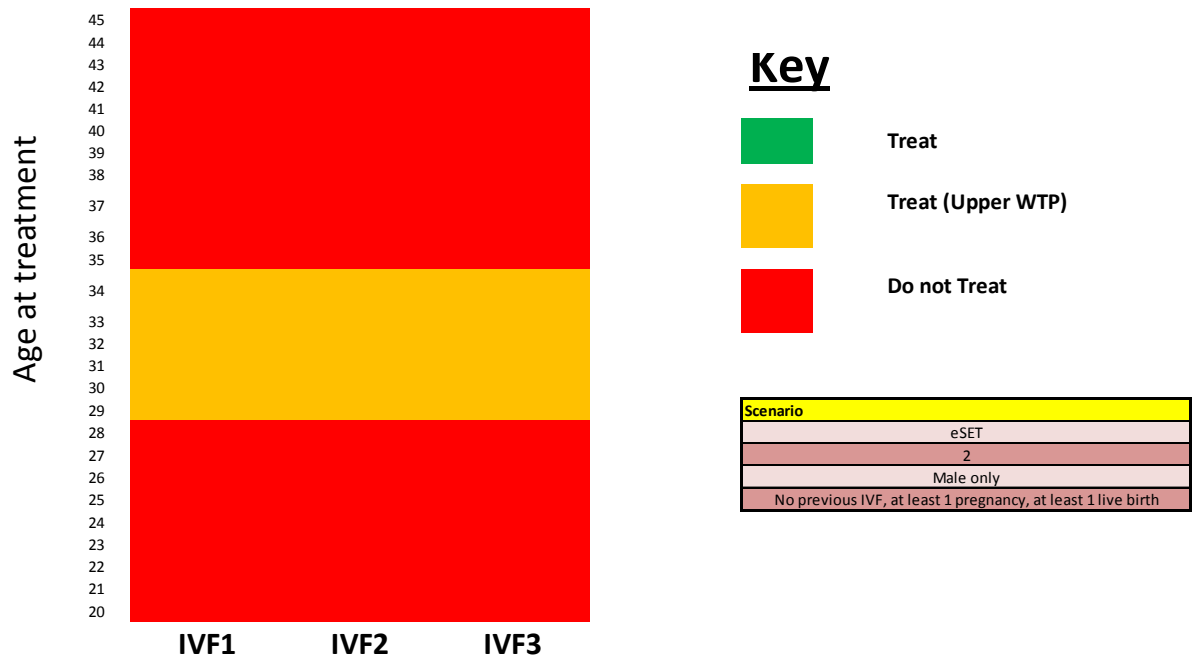
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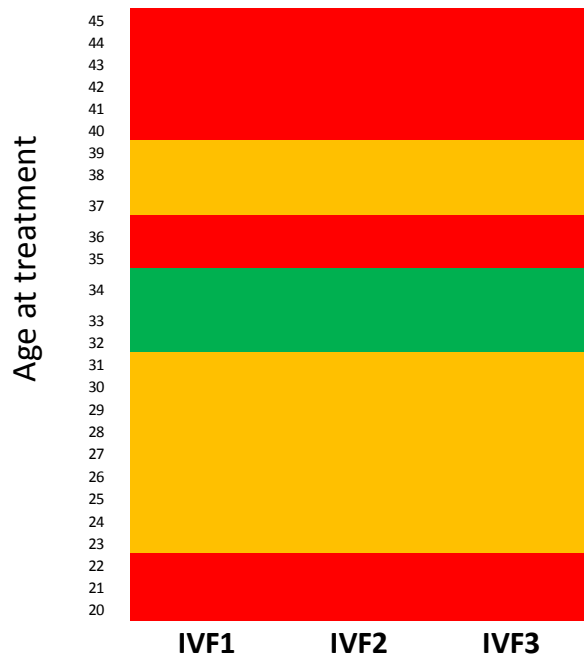
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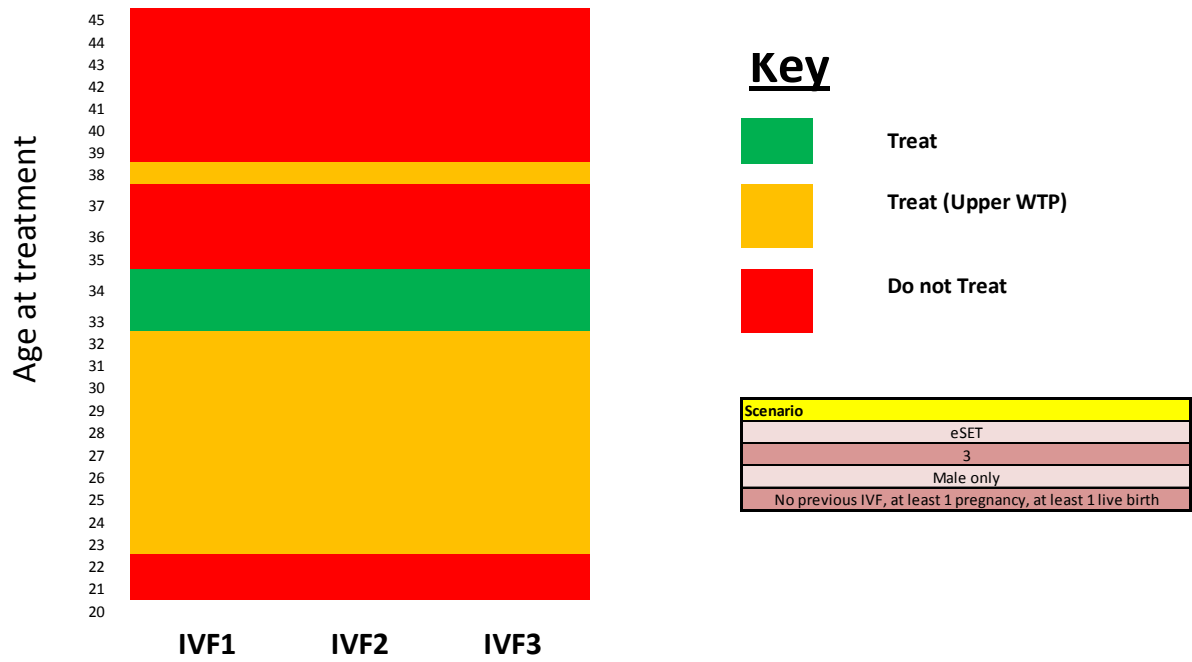
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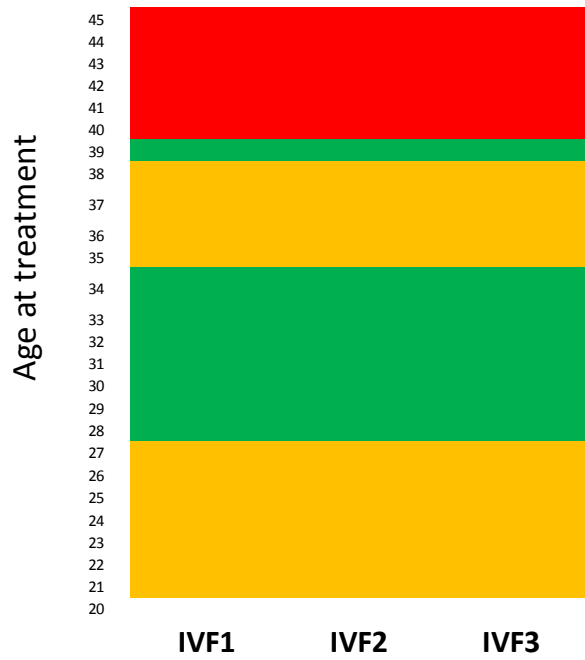
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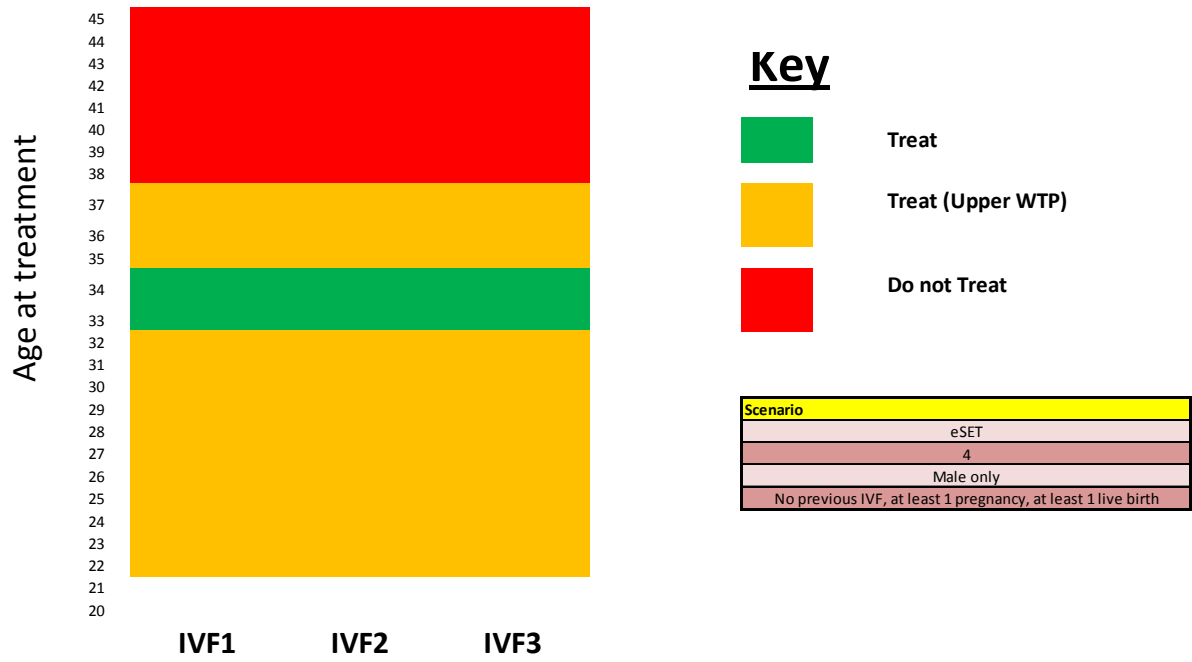
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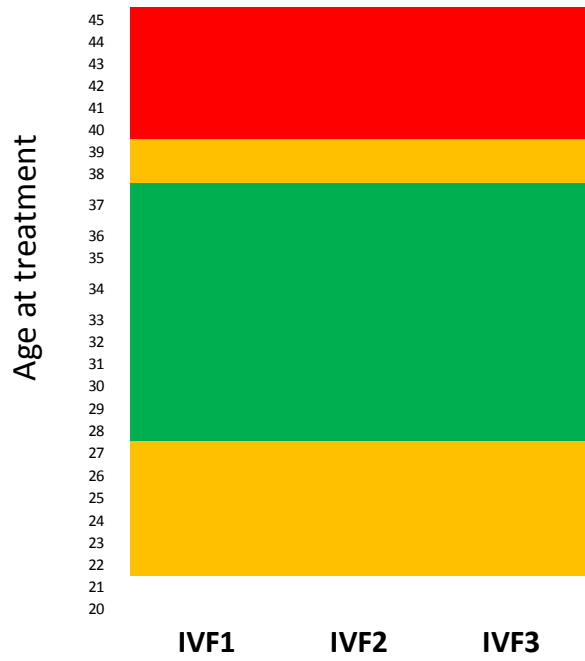
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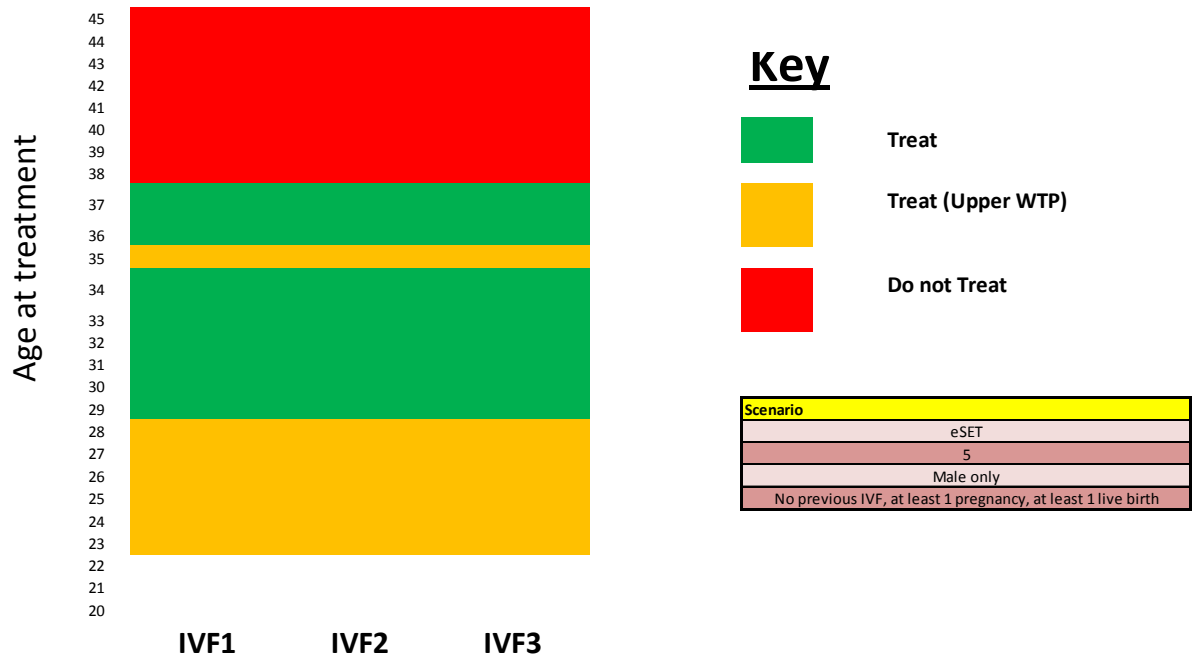
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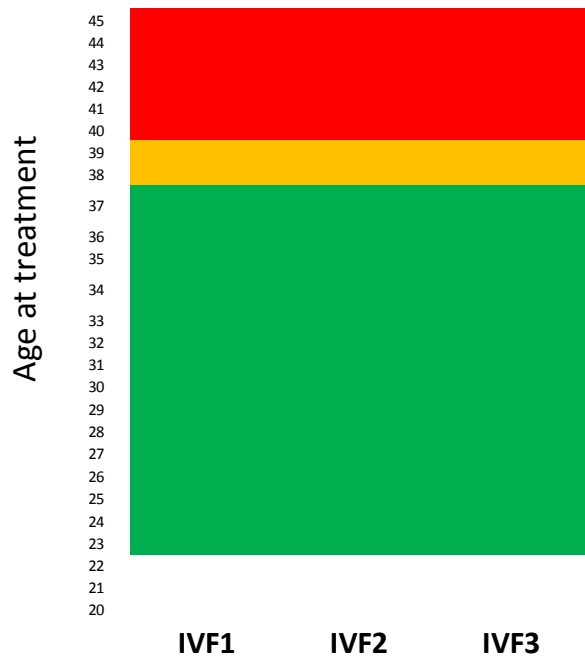
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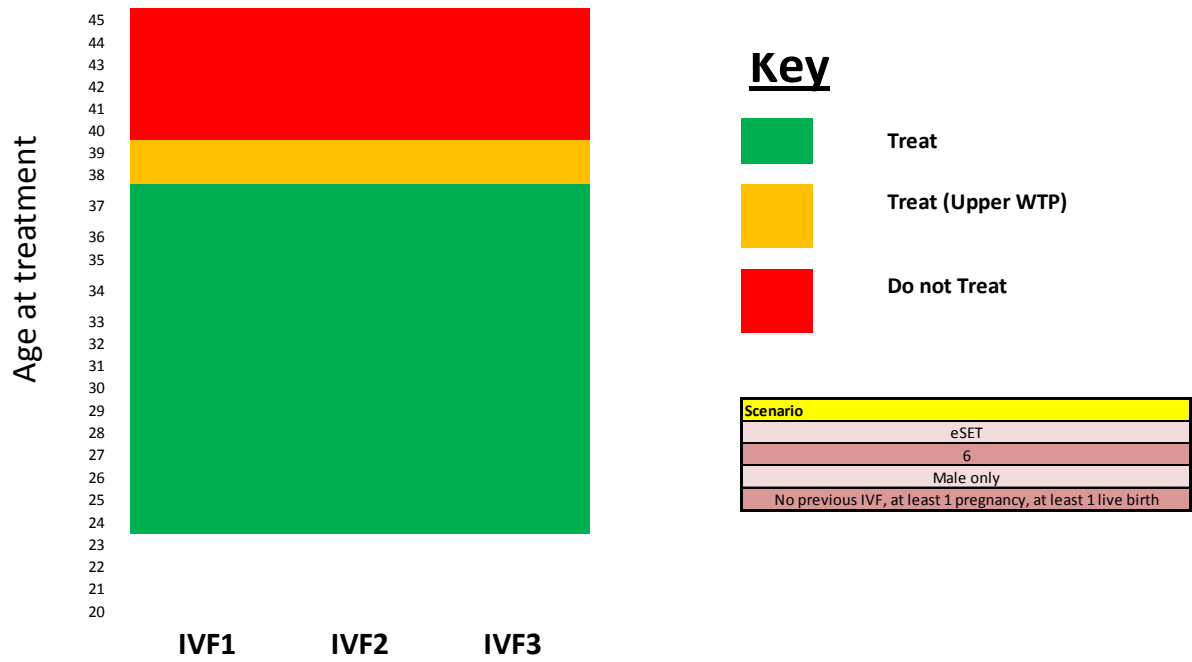
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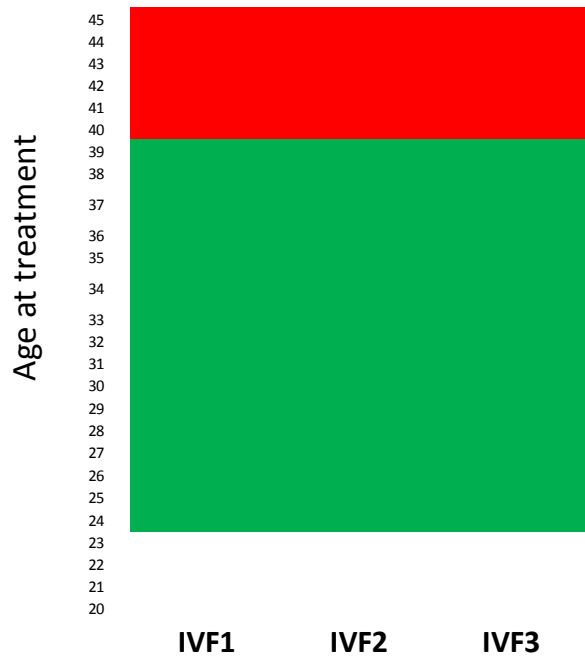
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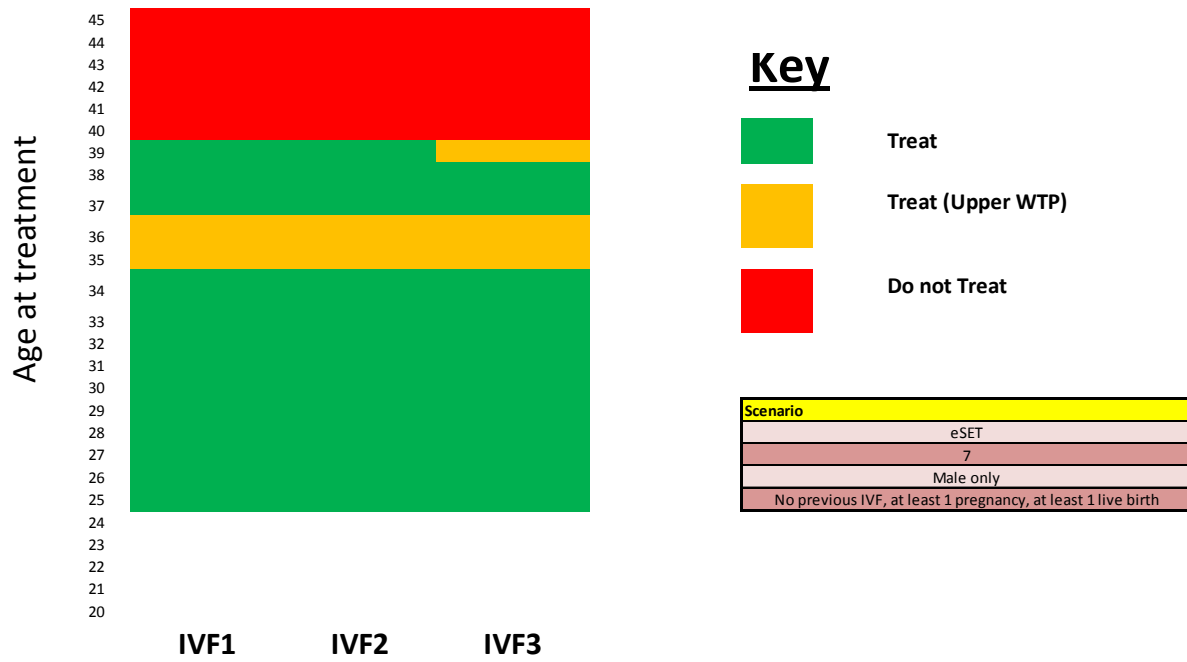
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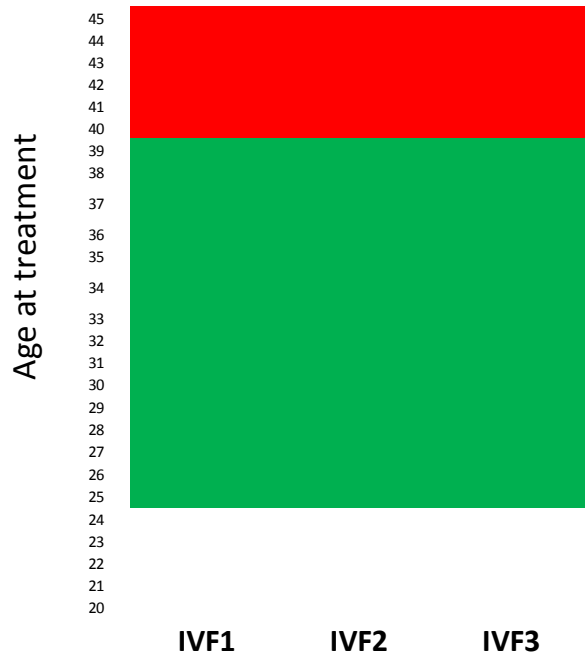
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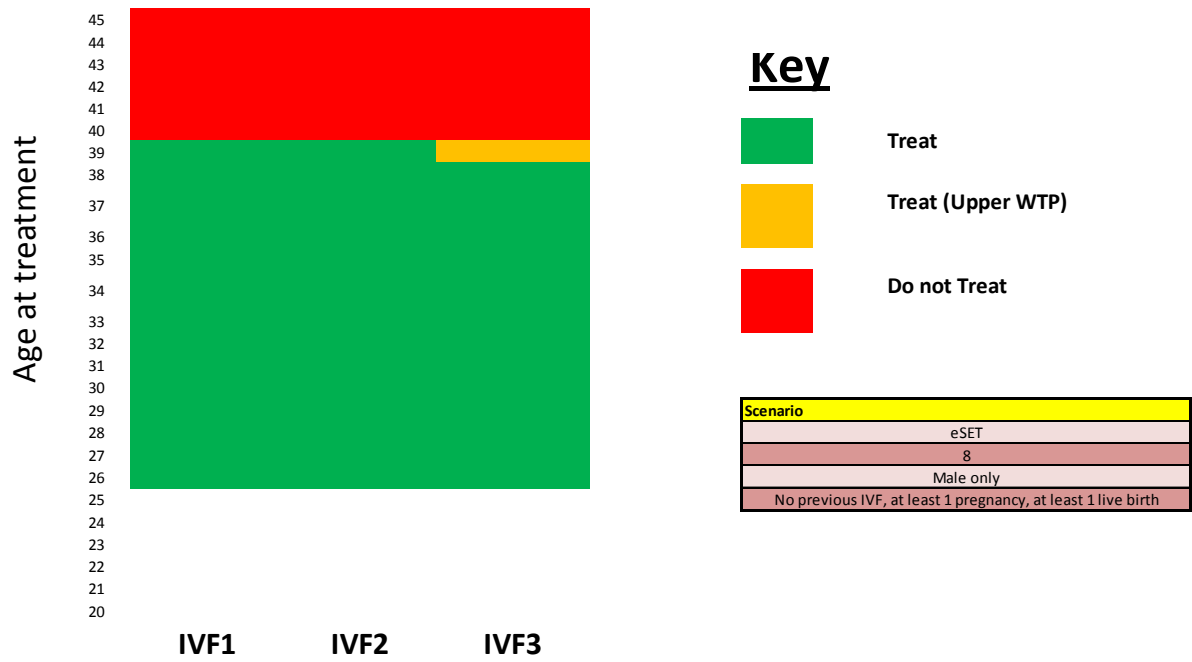
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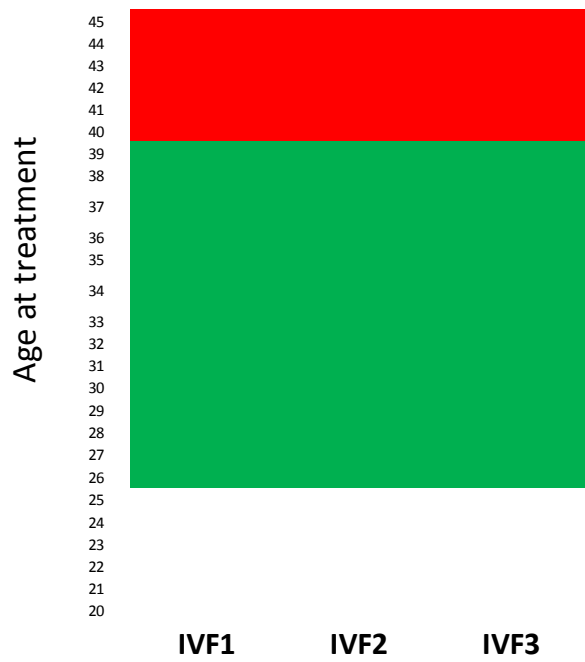
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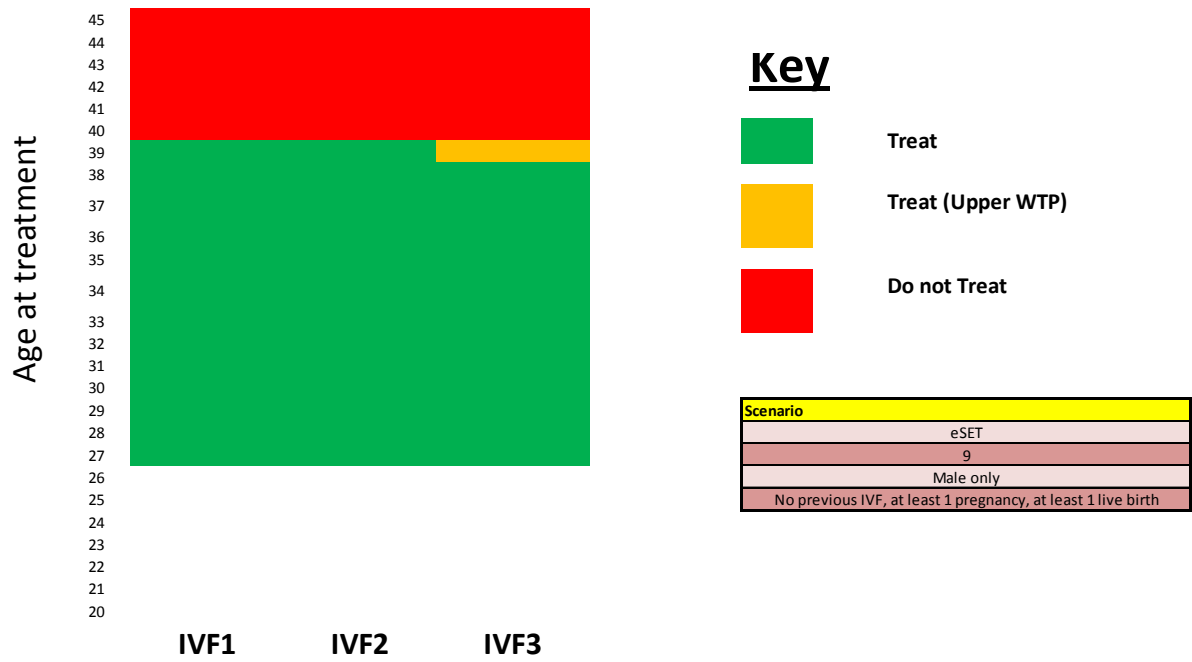
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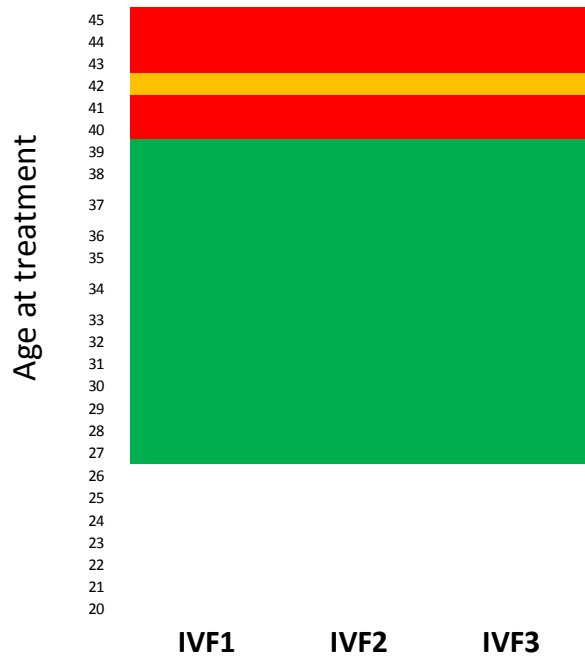
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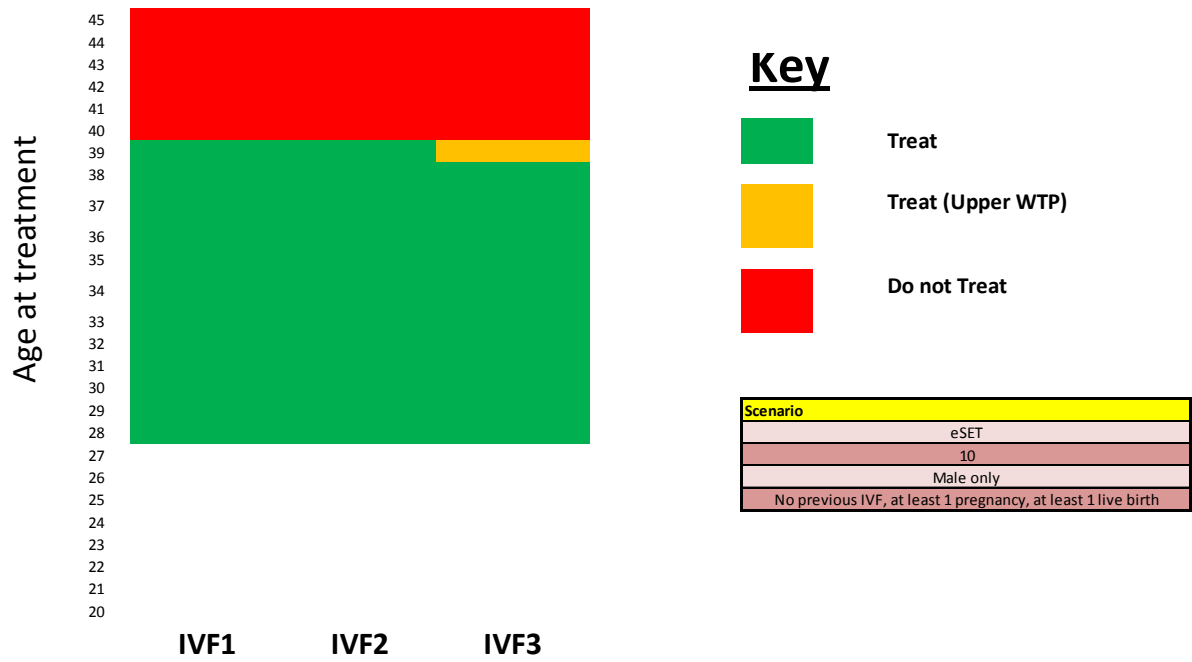
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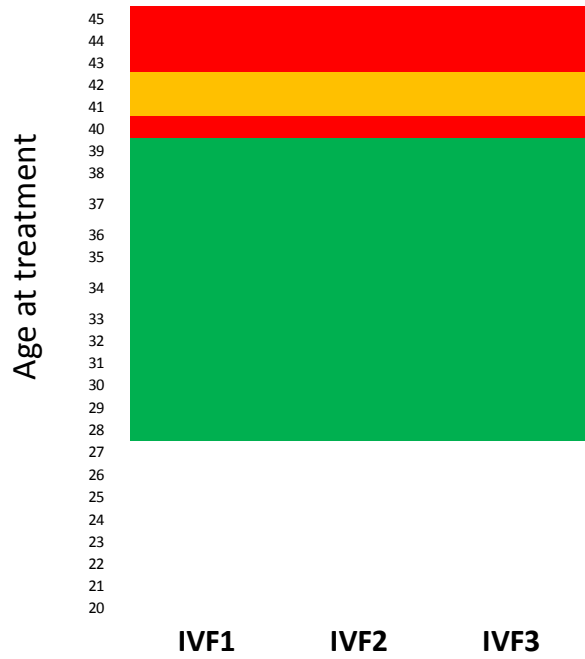
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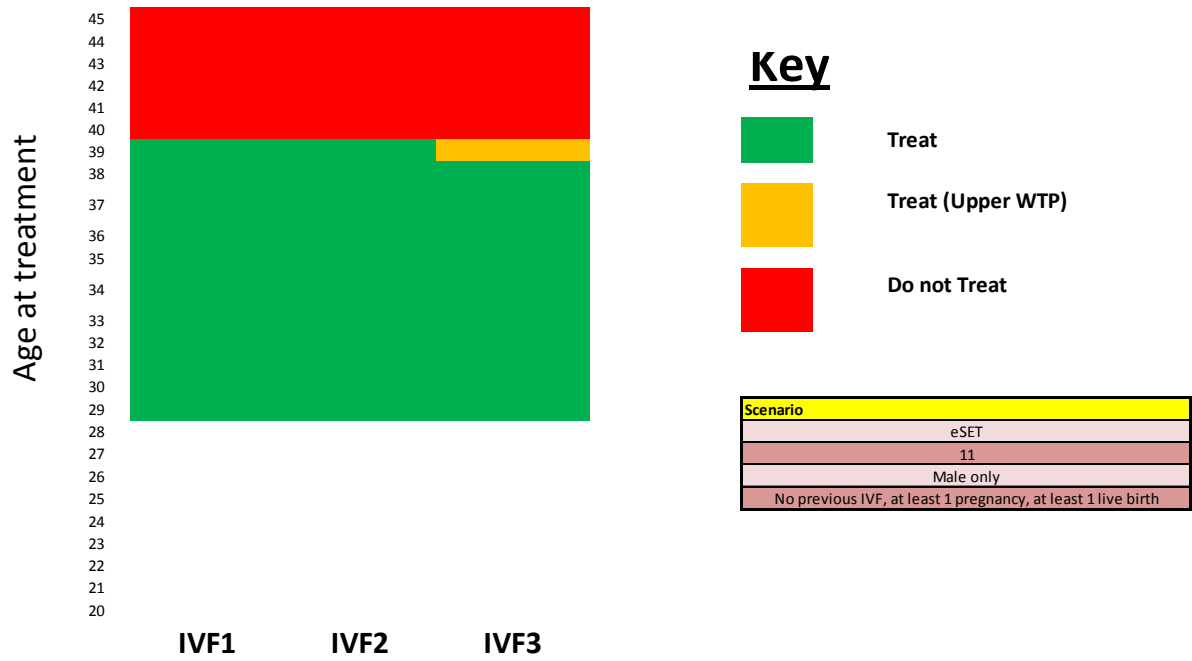
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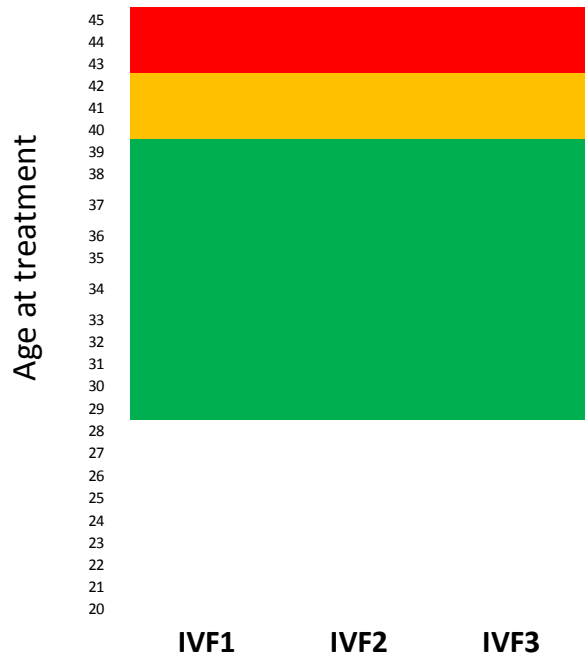
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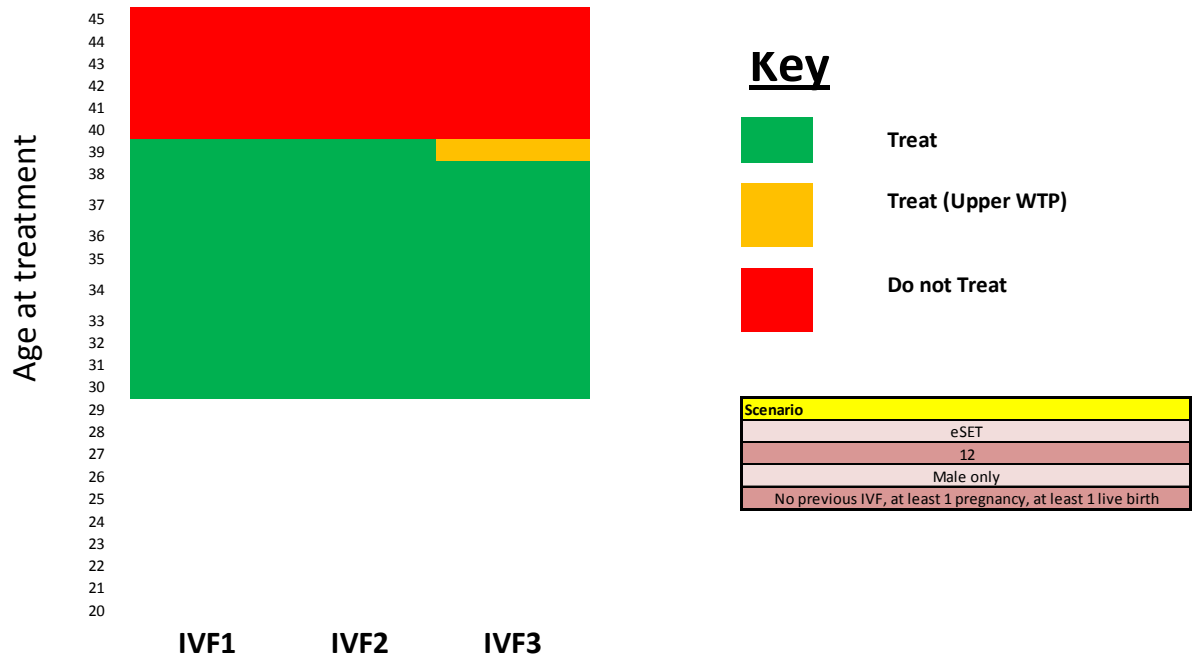
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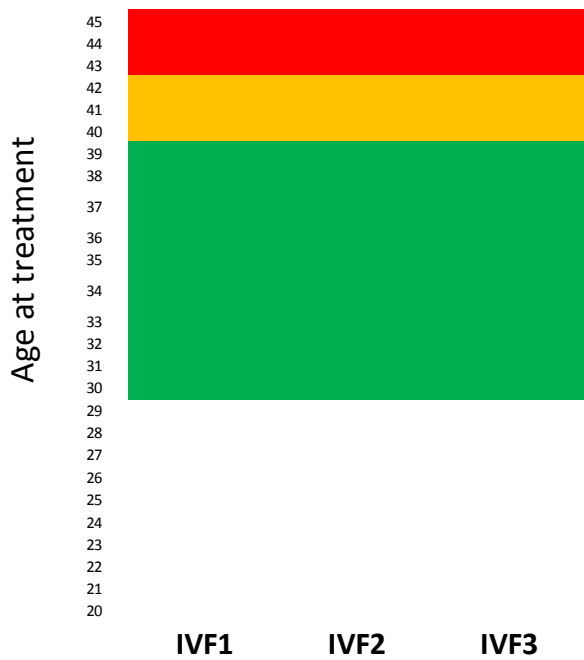
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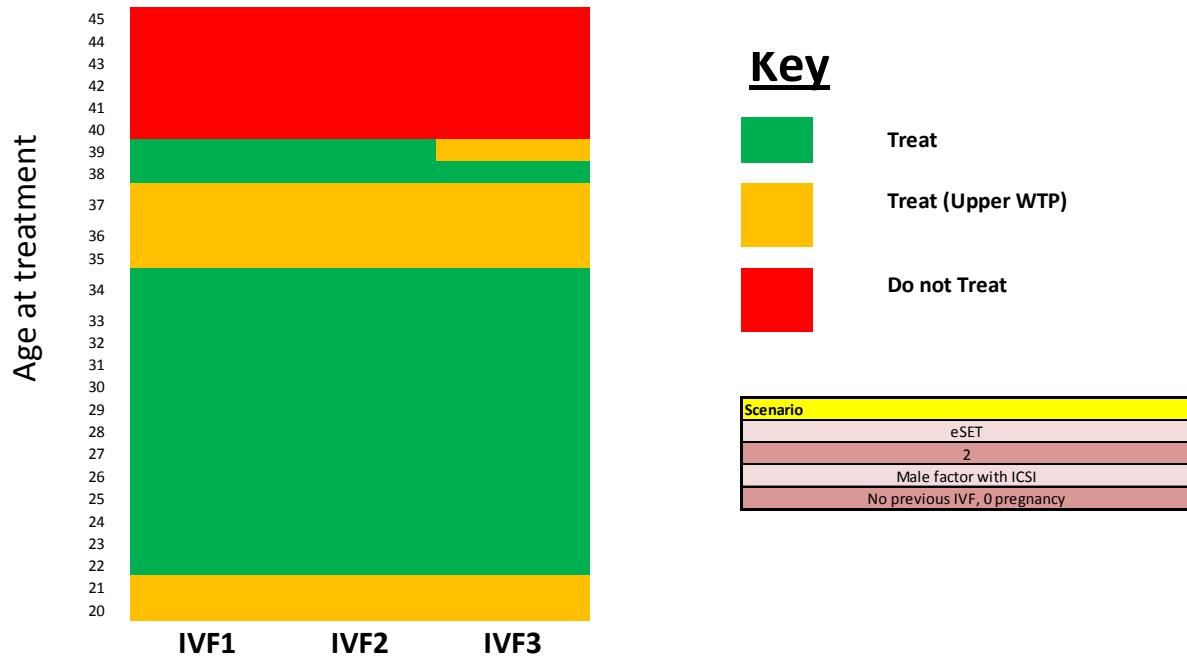
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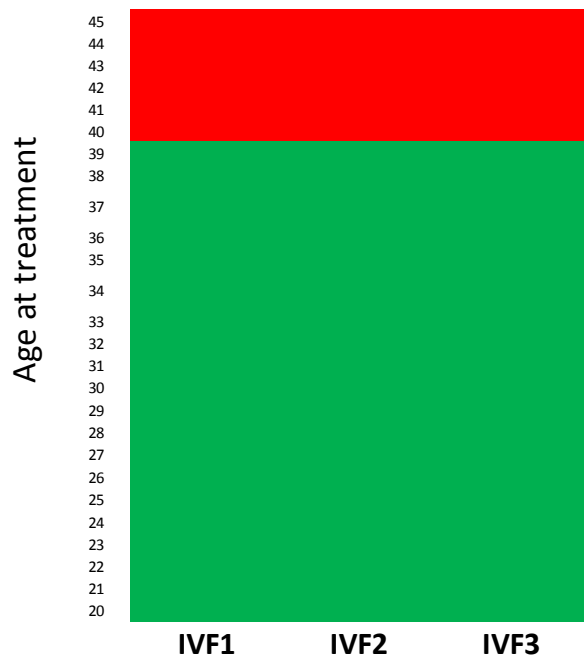
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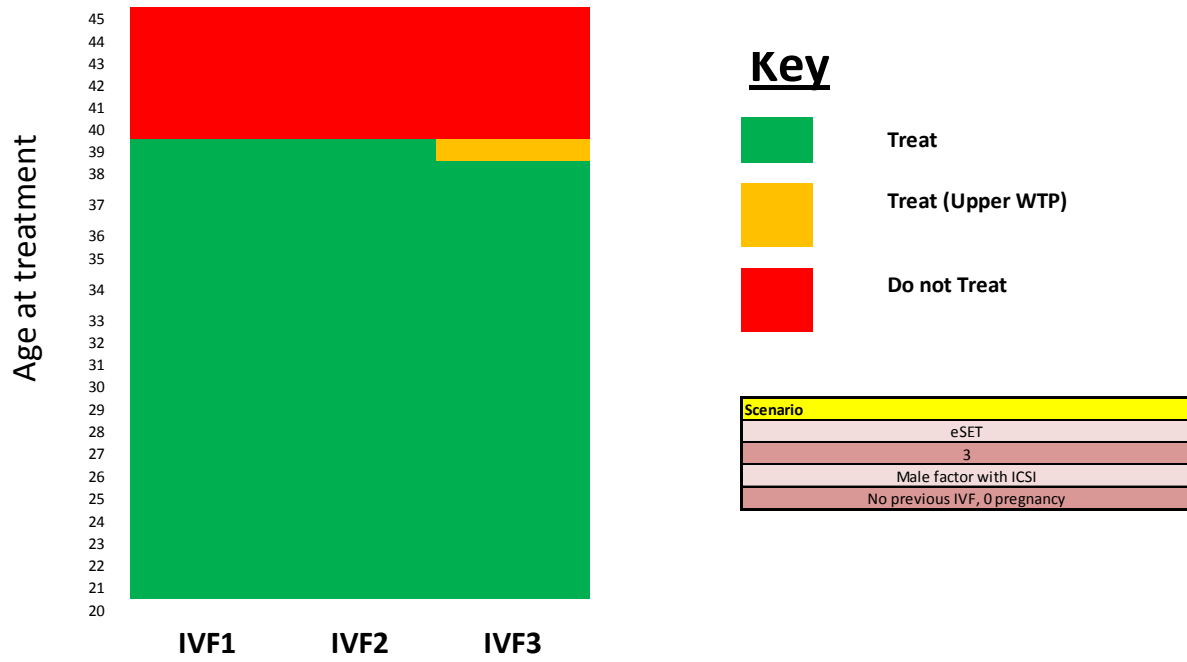
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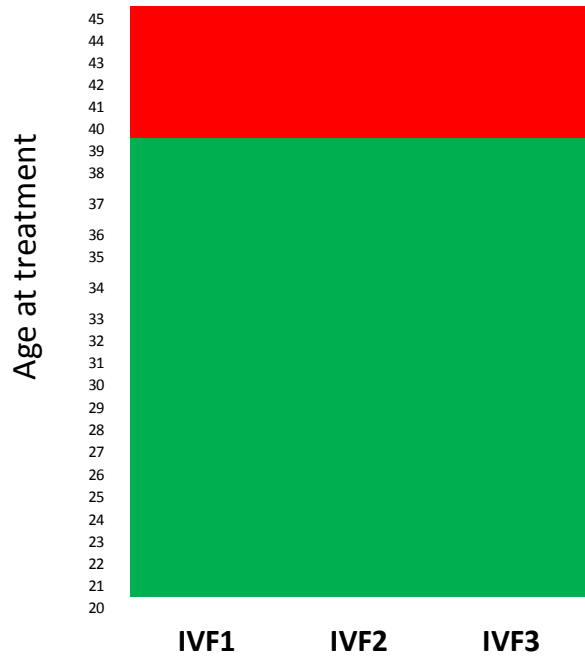
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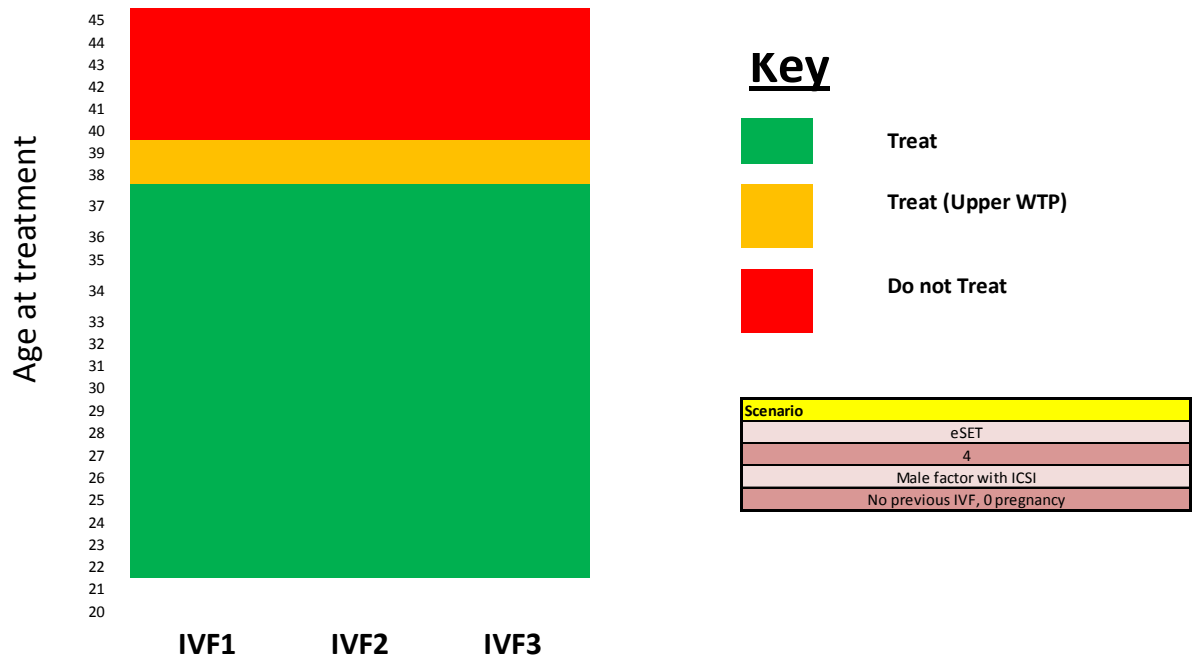
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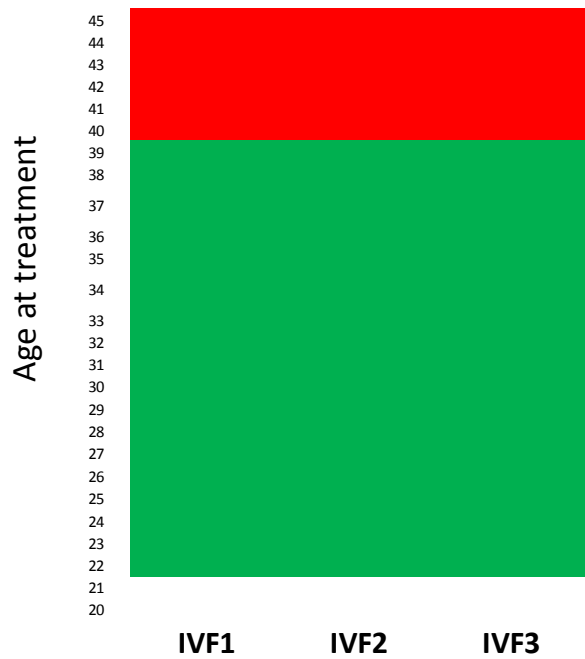
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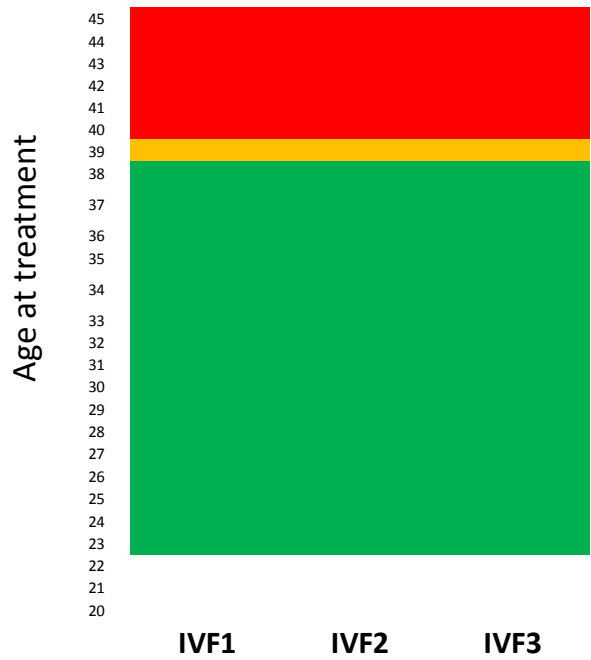
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DET



eSET

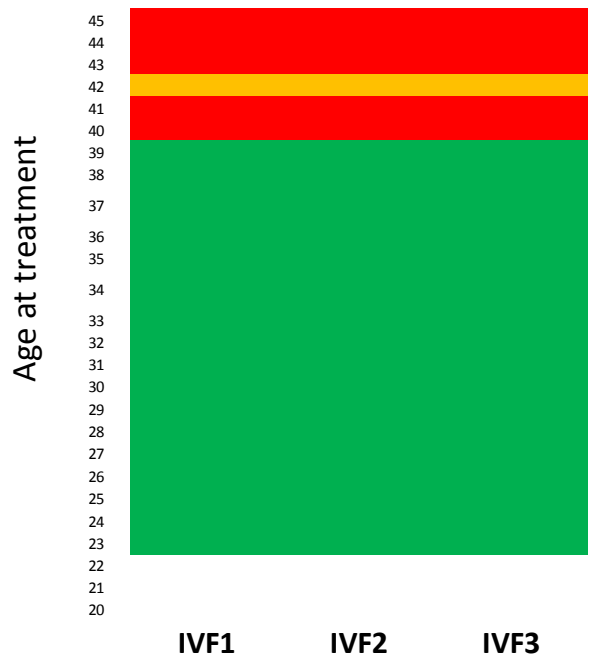


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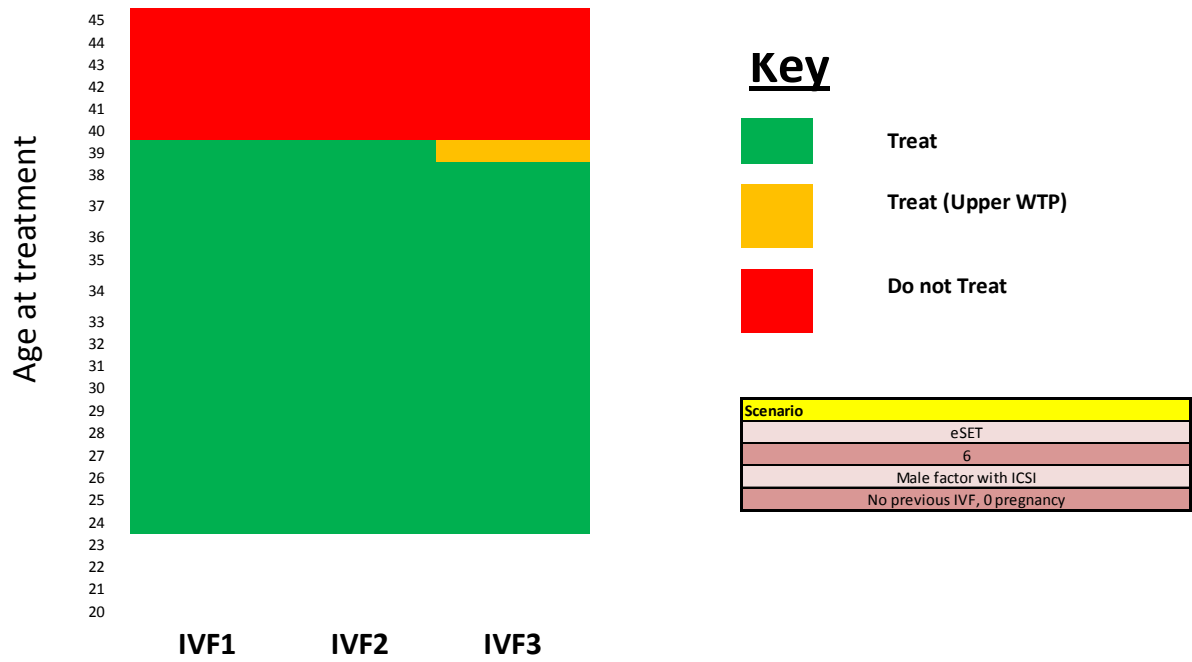
- Treat
- Treat (Upper WTP)
- Do not Treat

Scenario
eSET
5
Male factor with ICSI
No previous IVF, 0 pregnancy

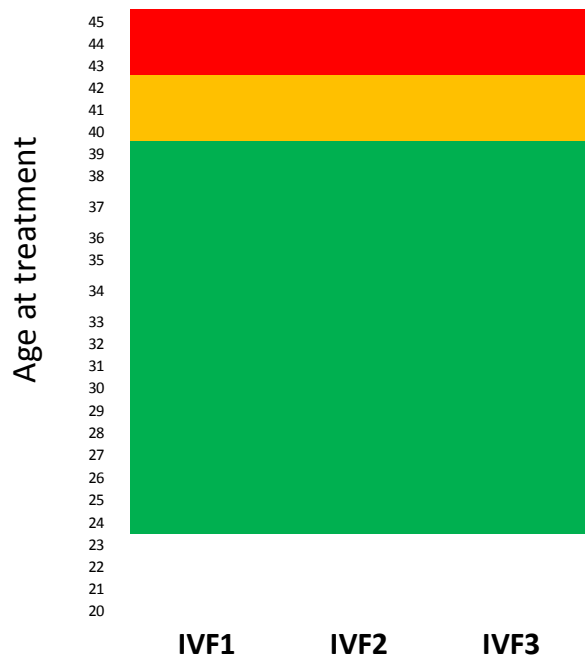
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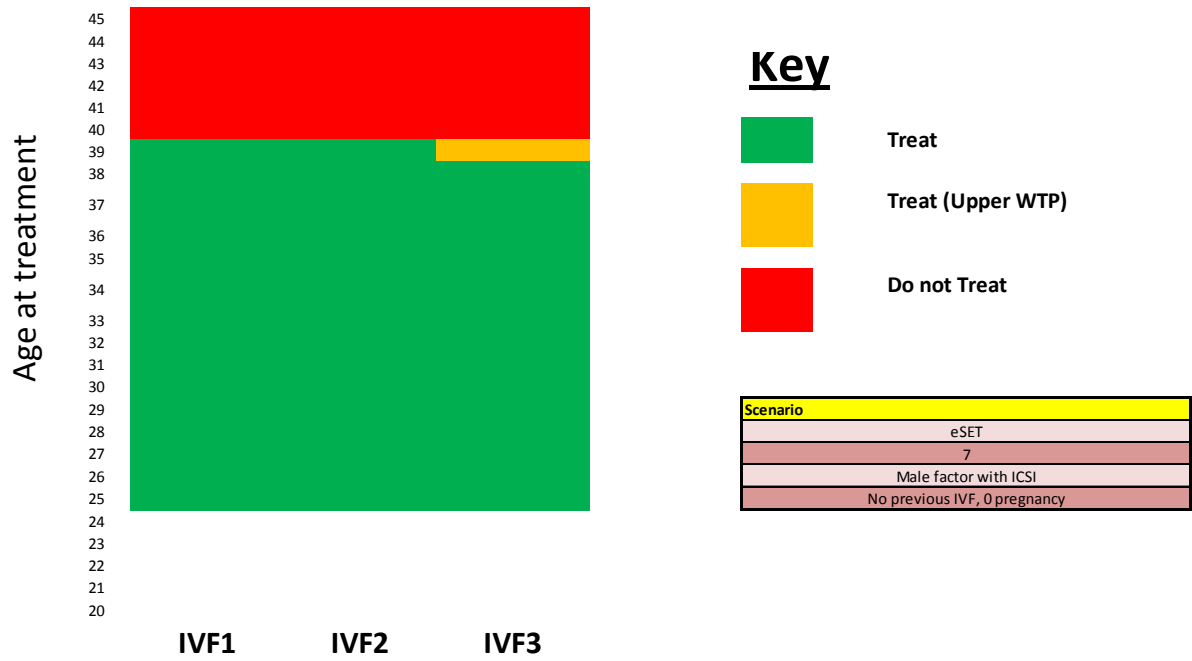
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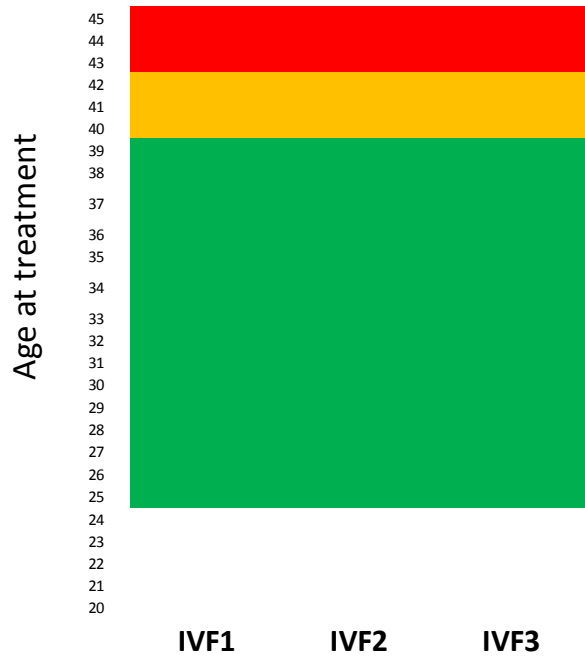
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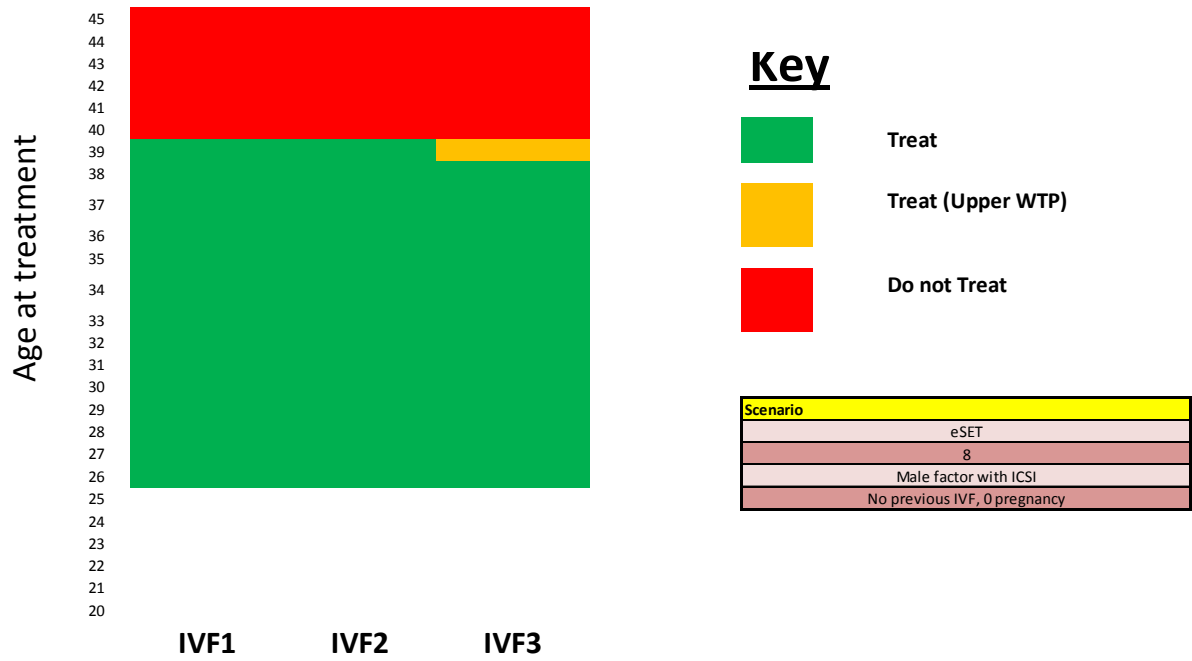
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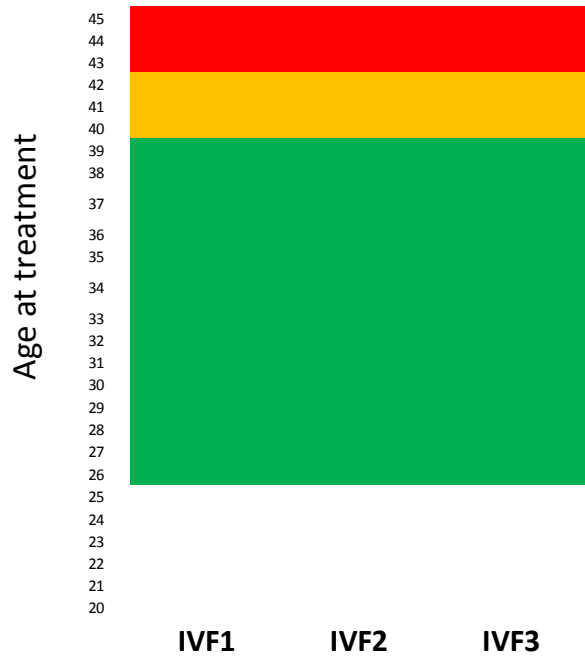
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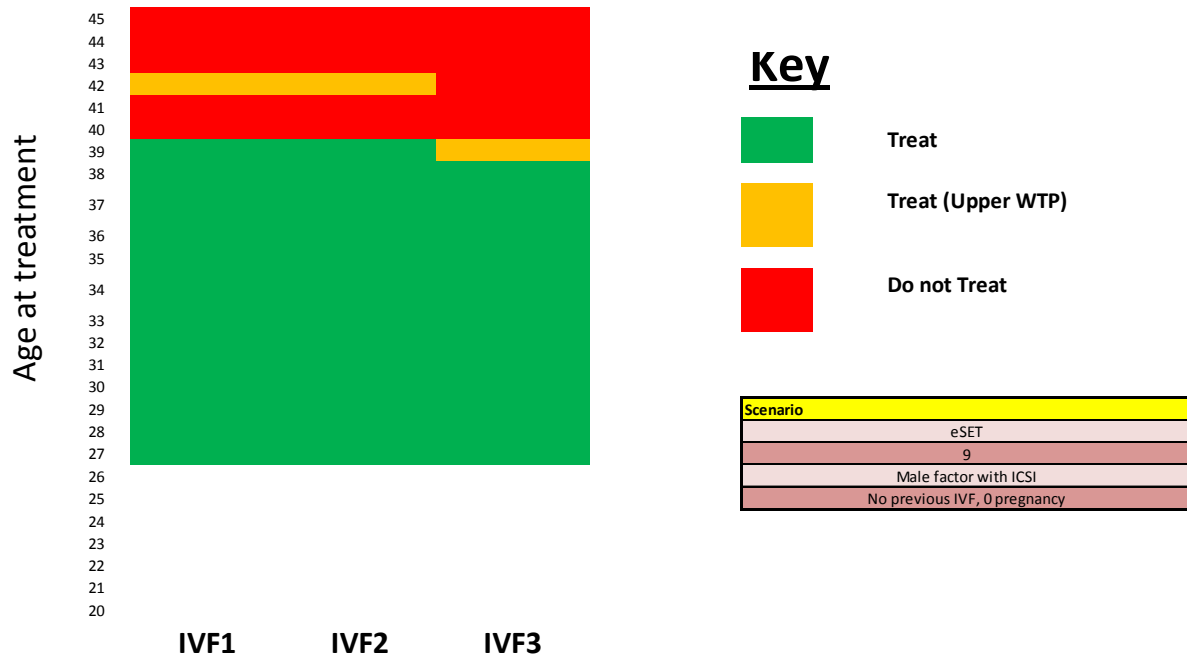
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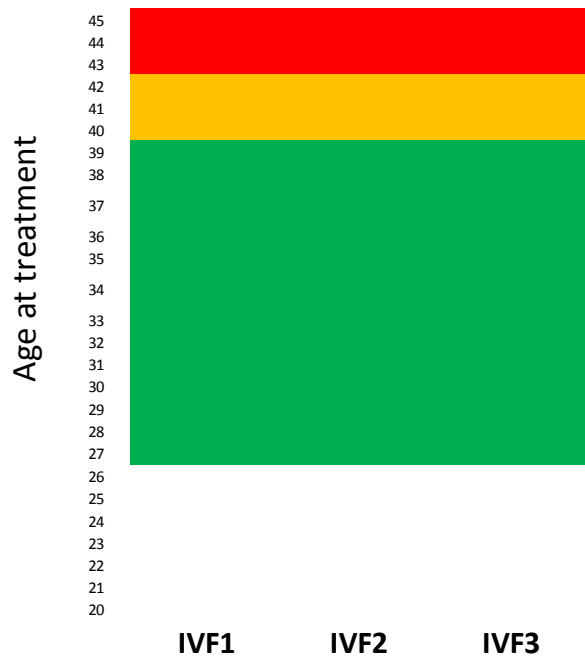
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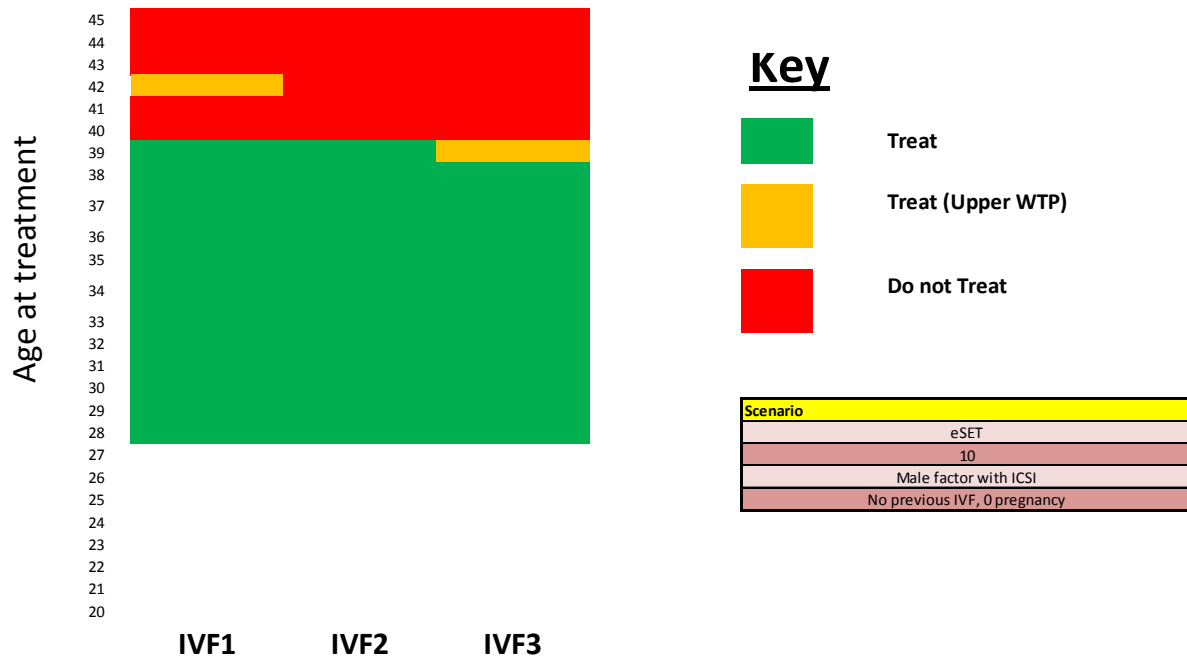
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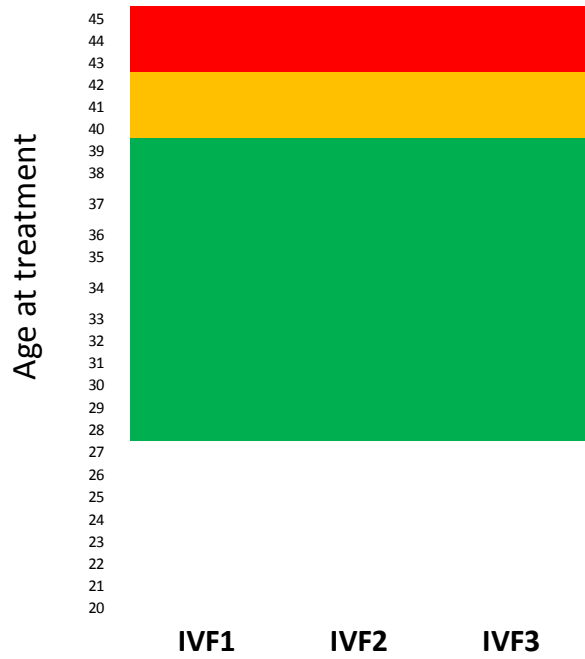
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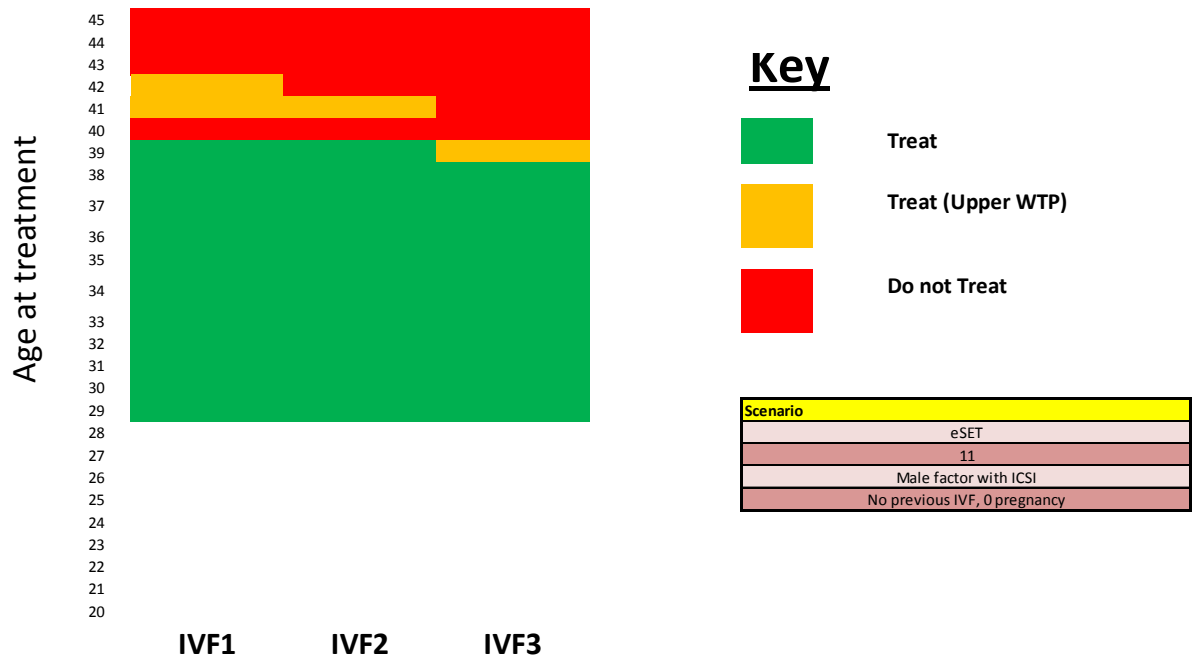
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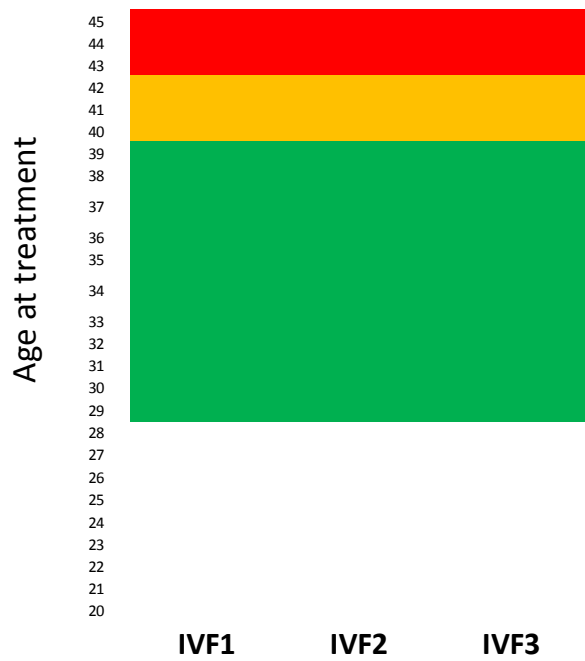
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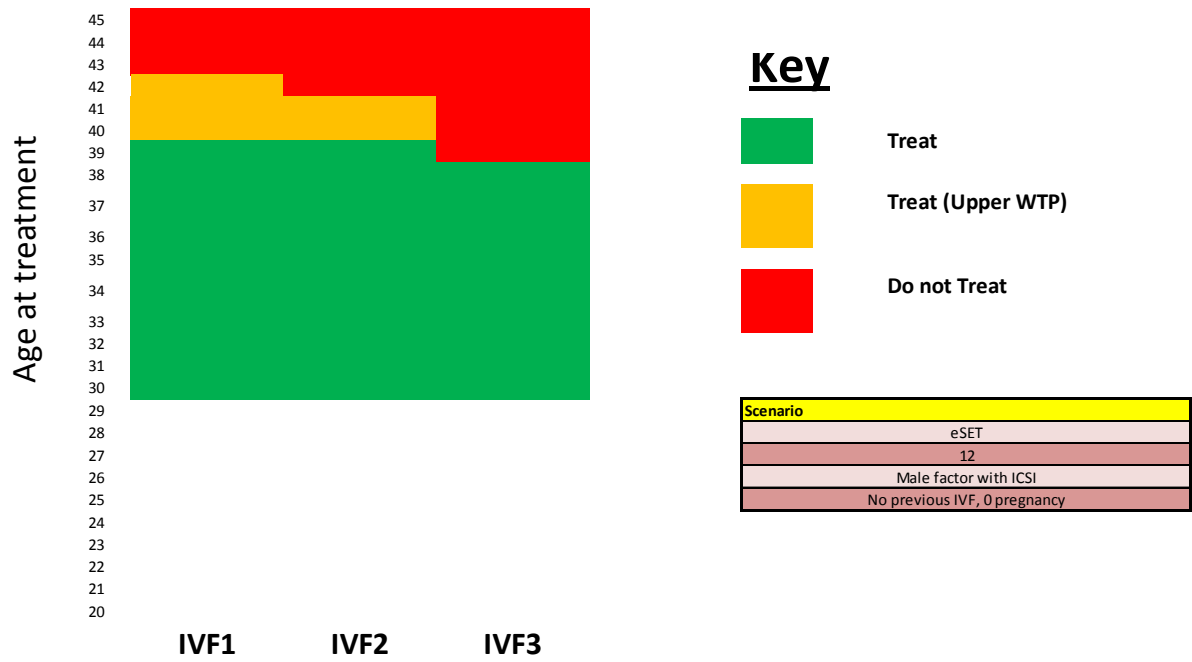
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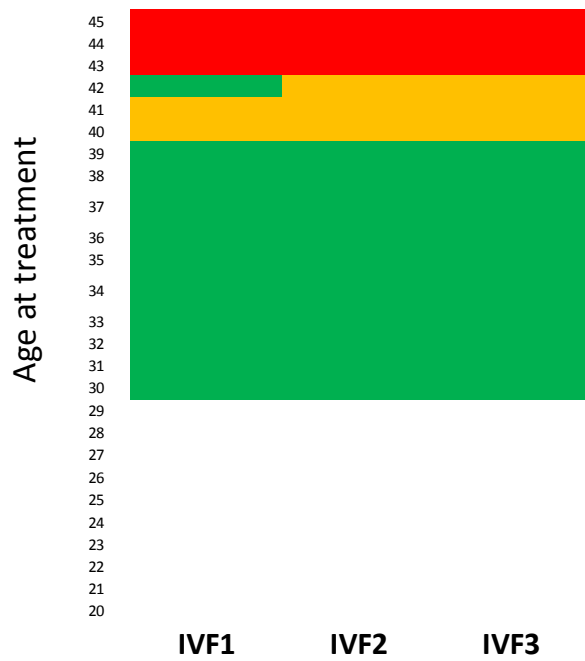
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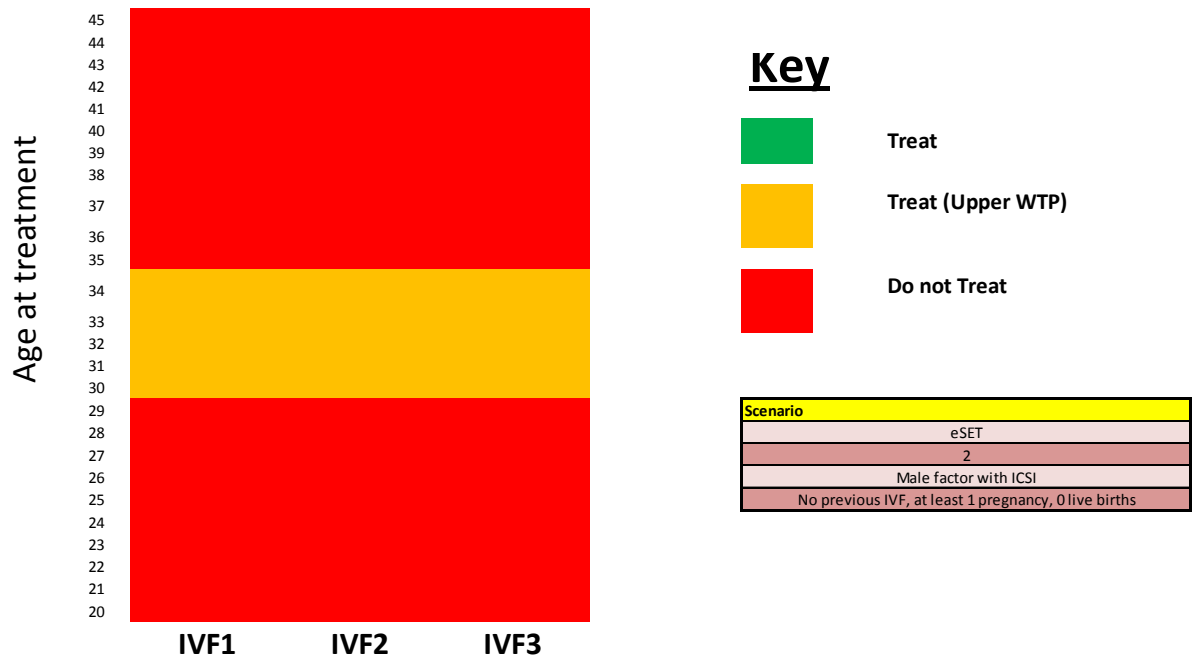
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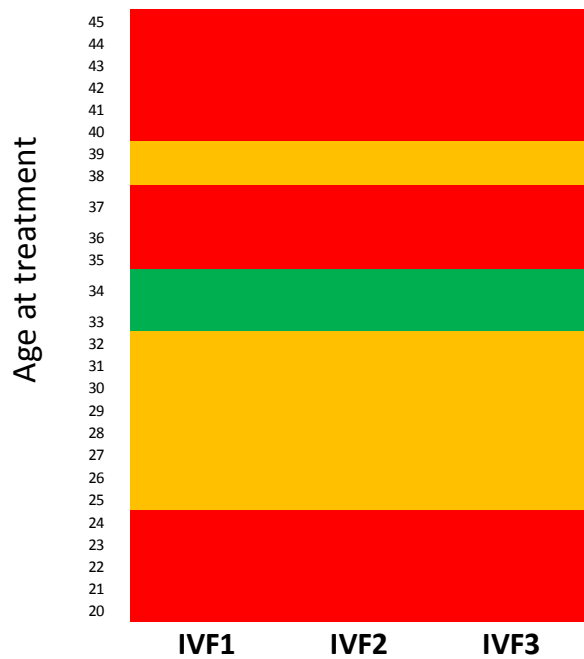
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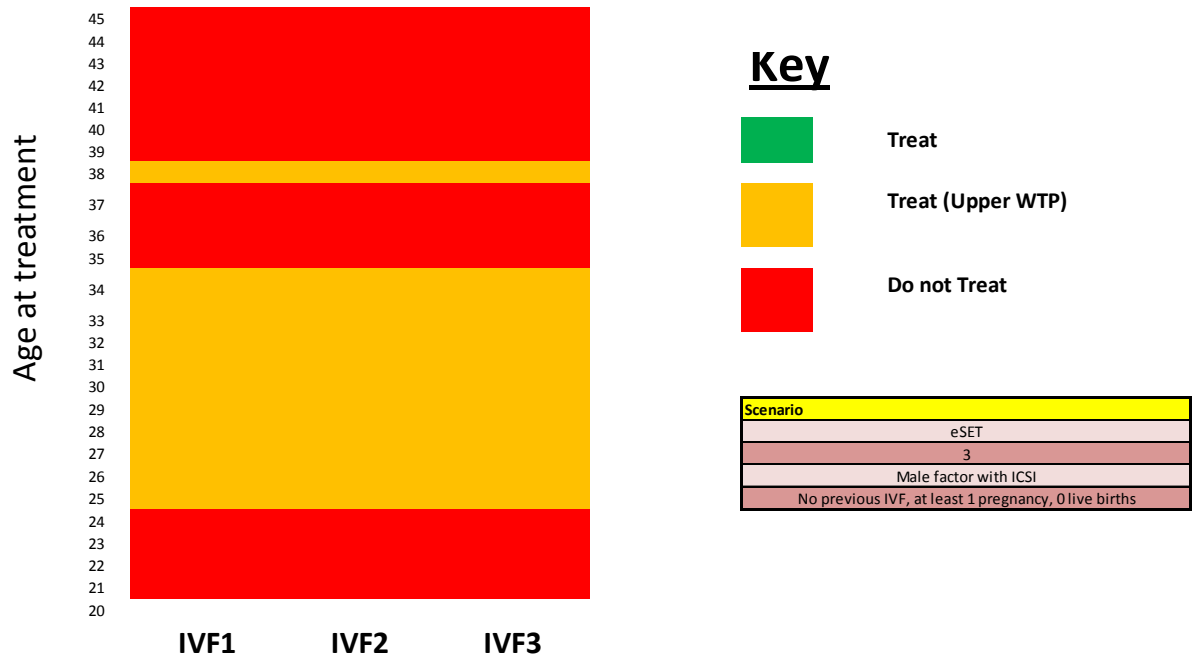
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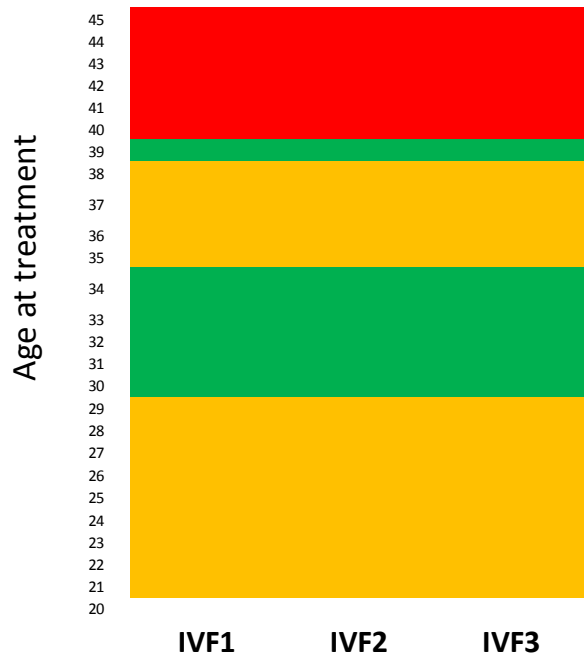
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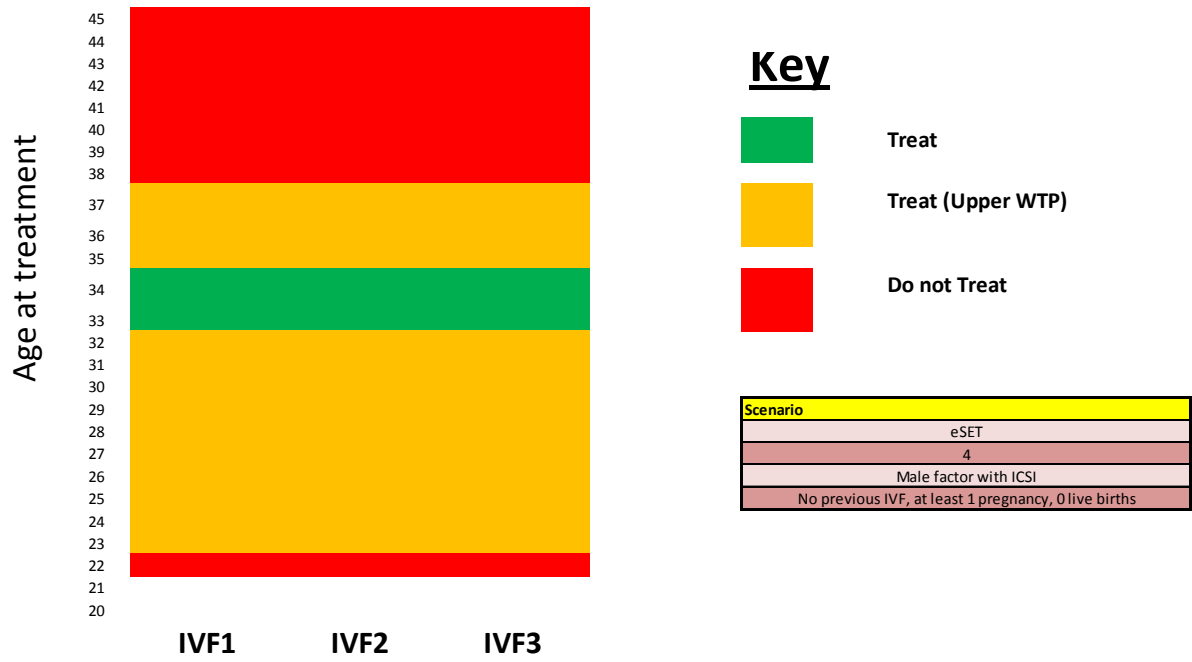
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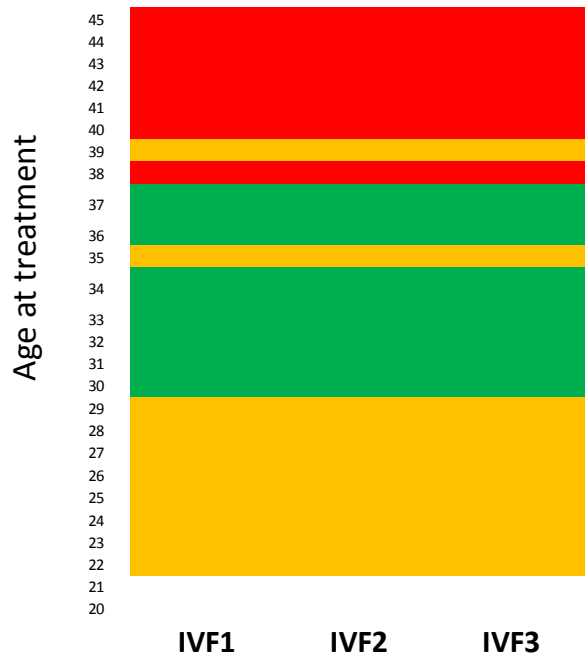
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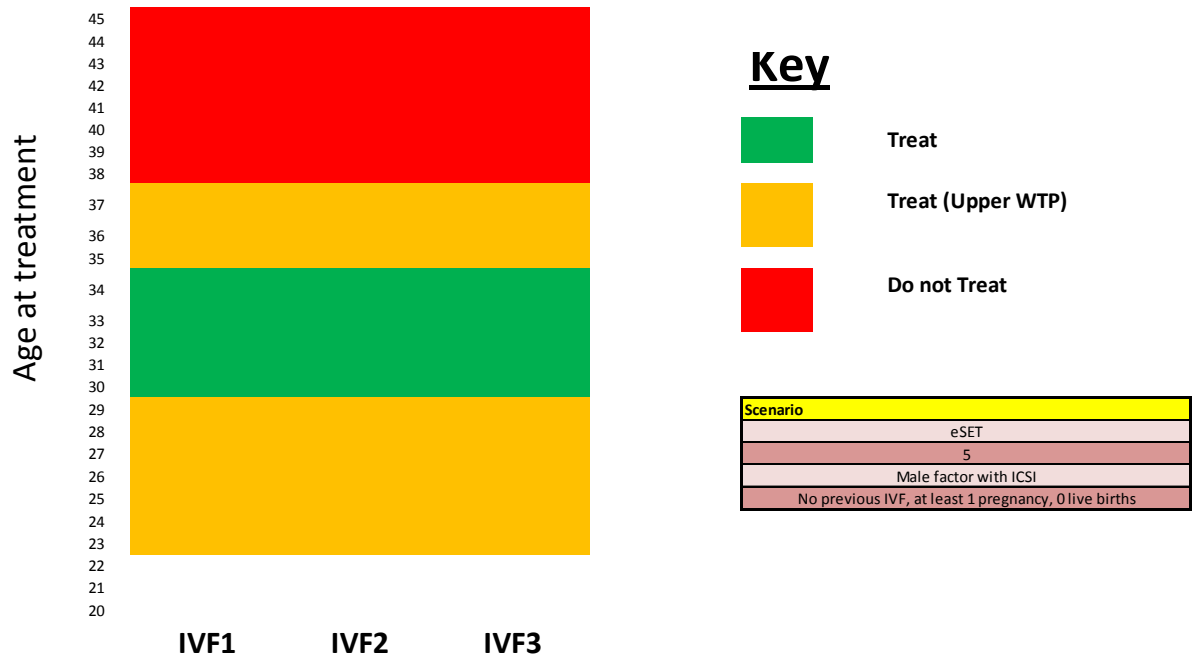
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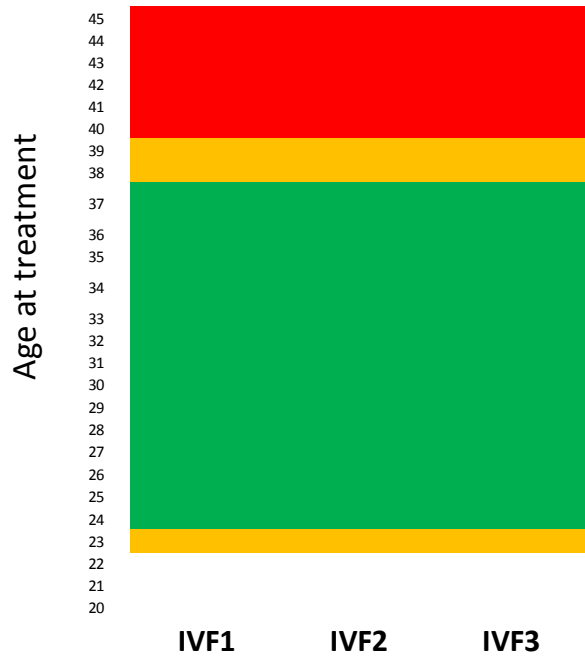
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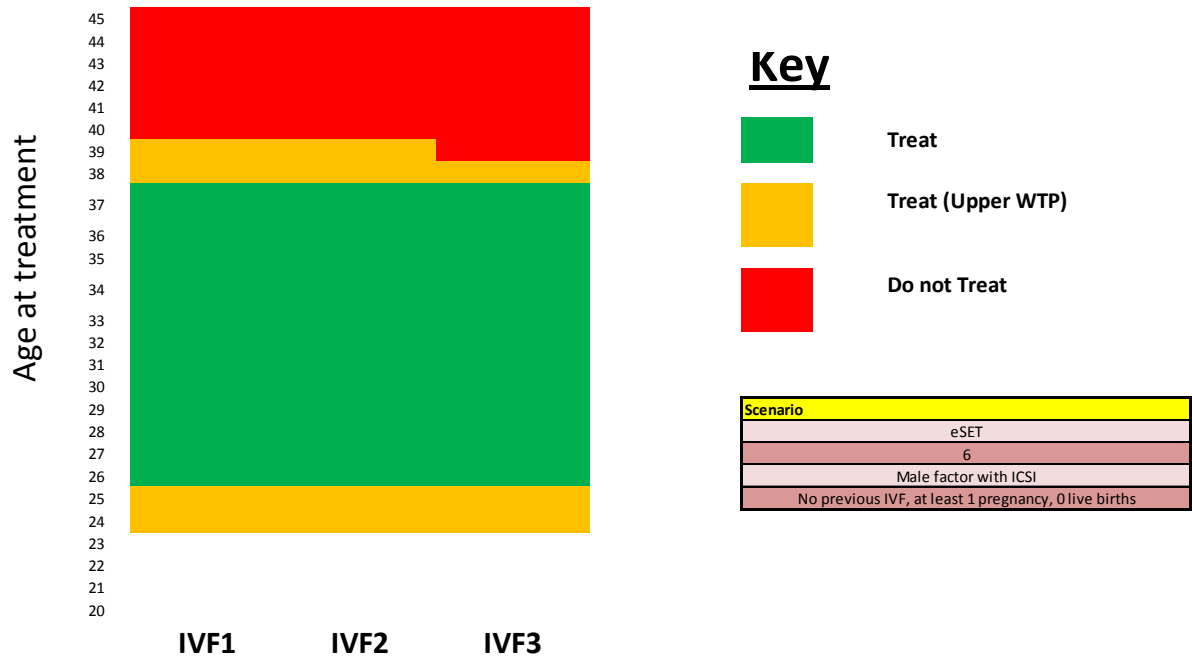
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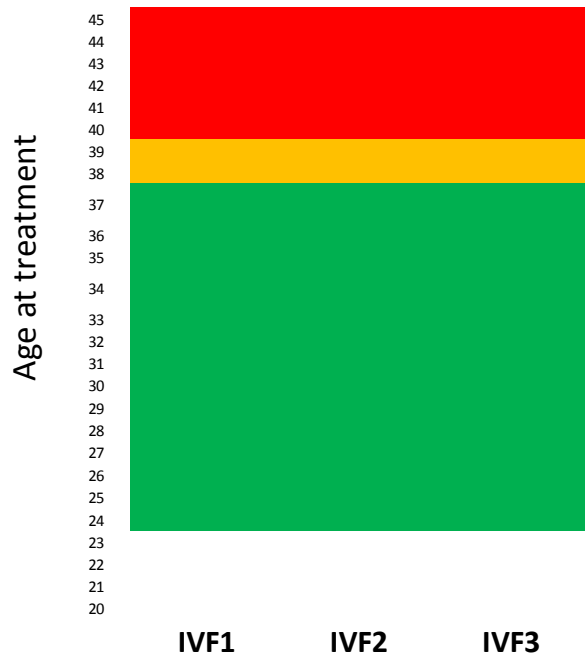
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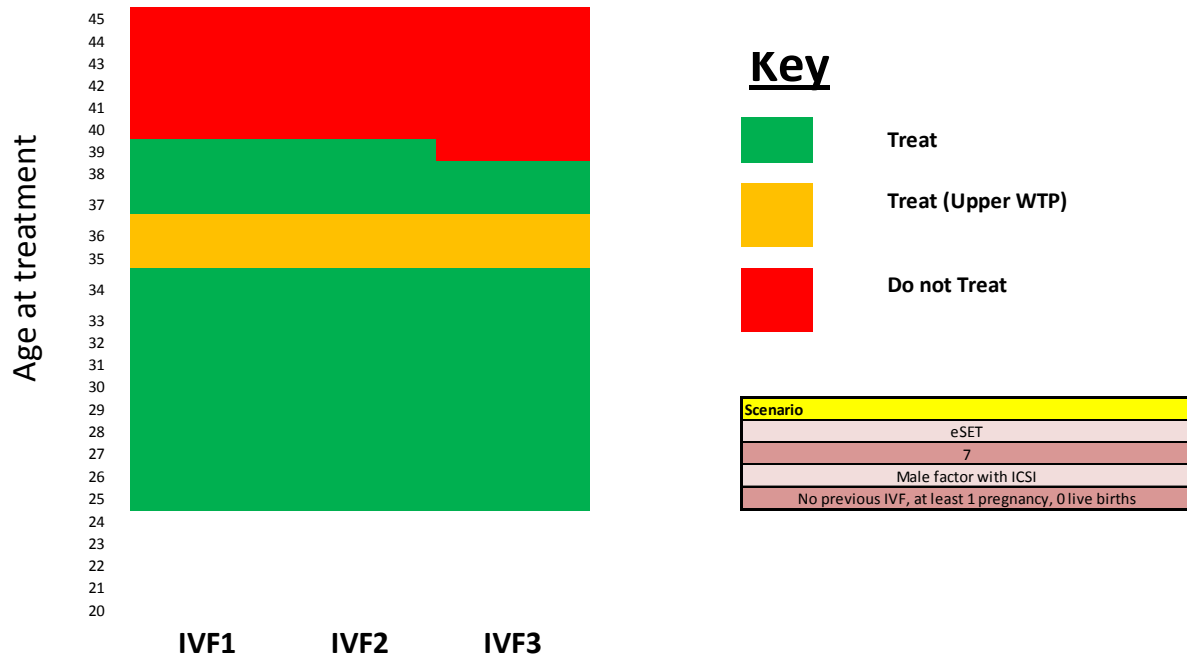
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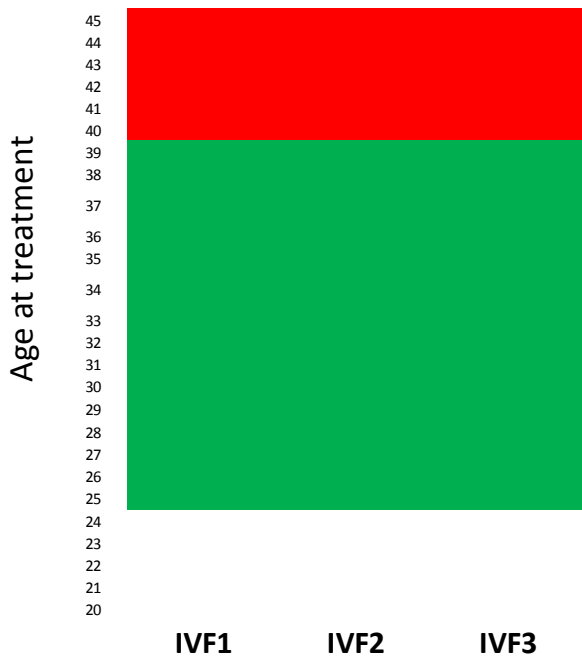
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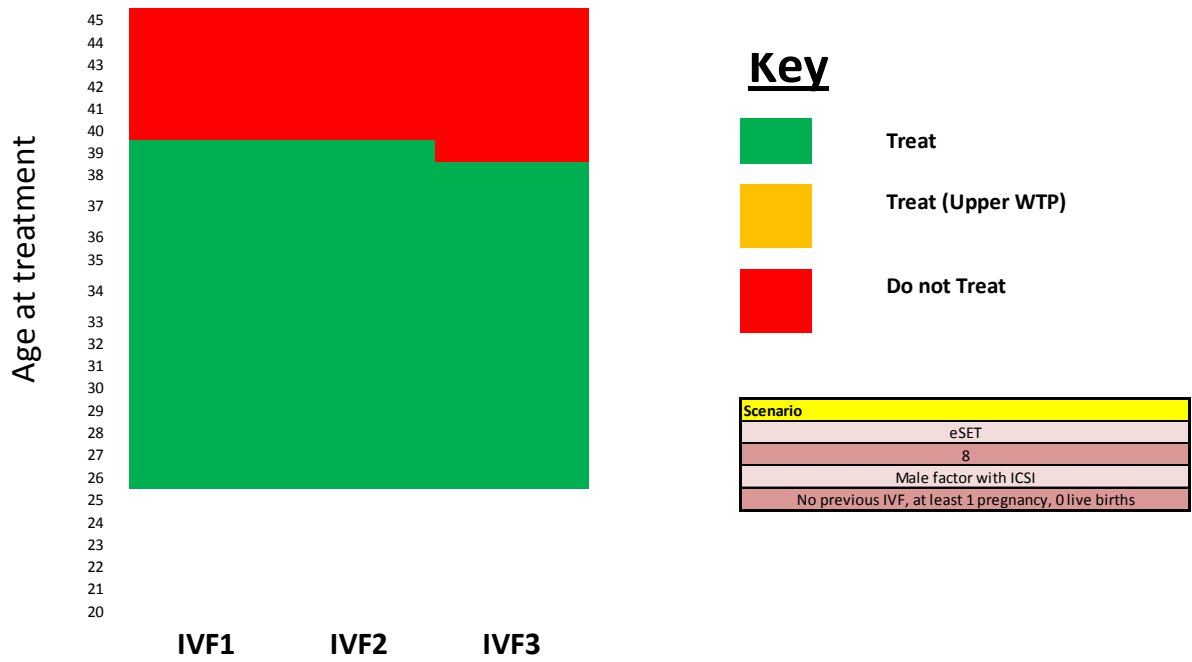
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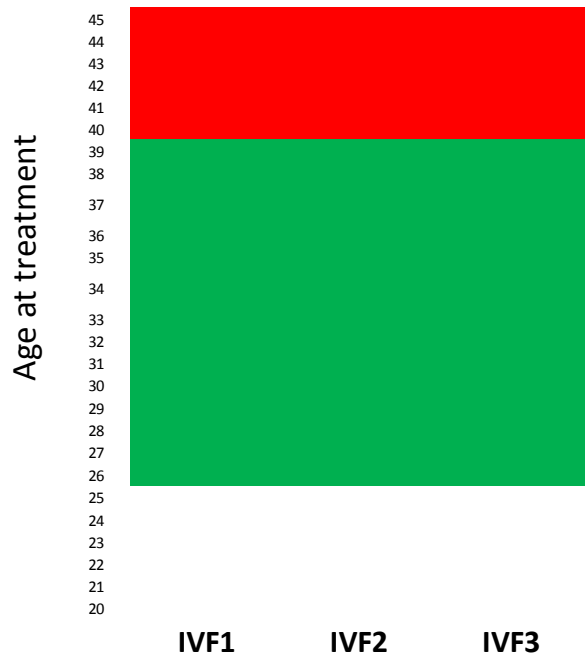
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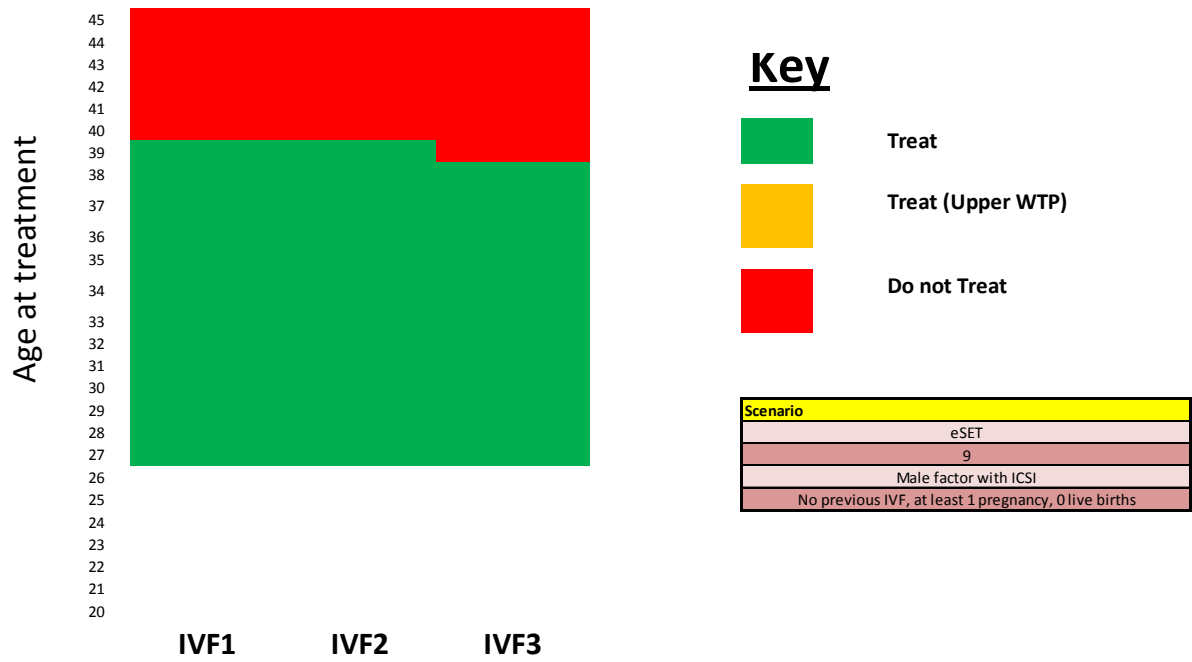
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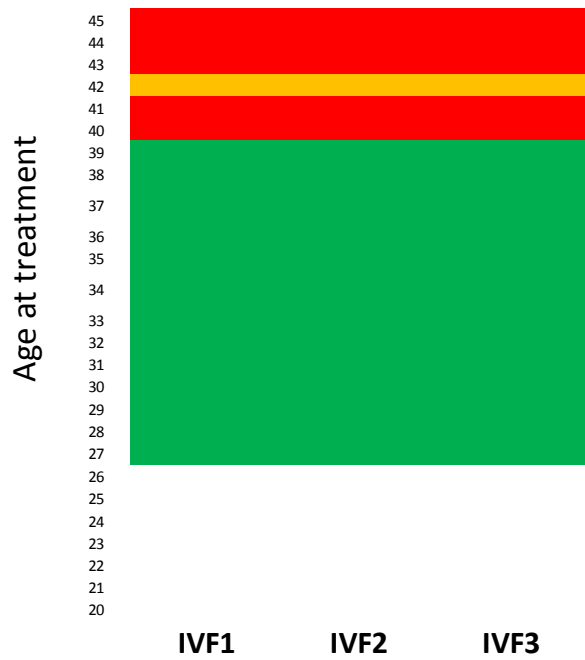
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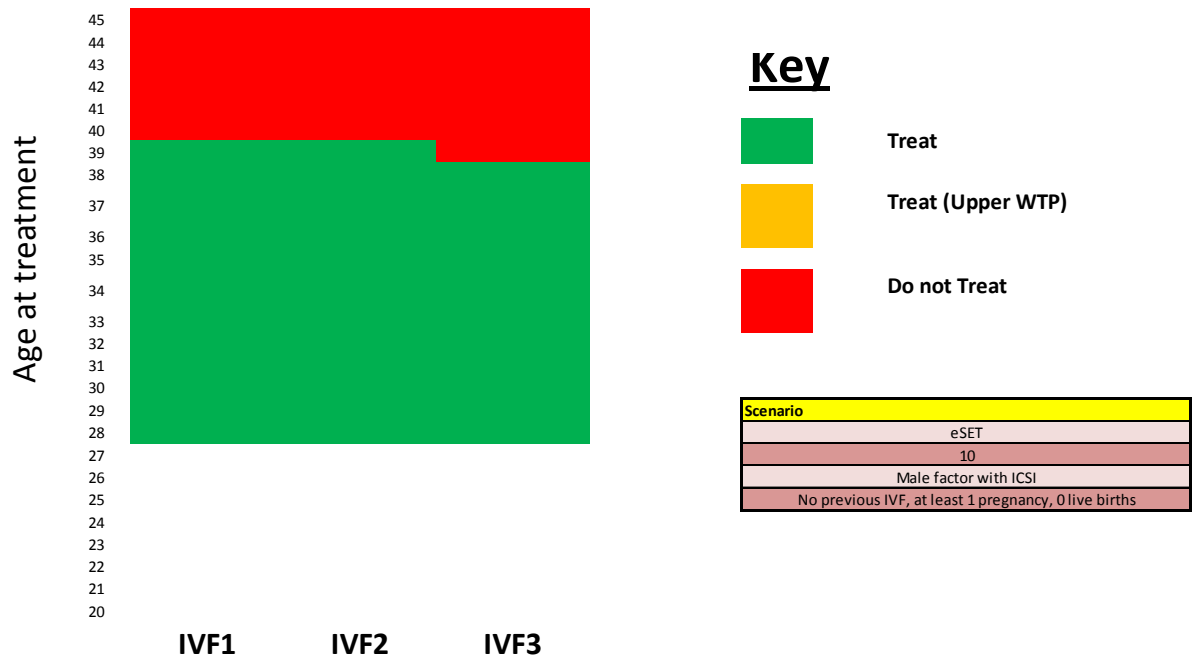
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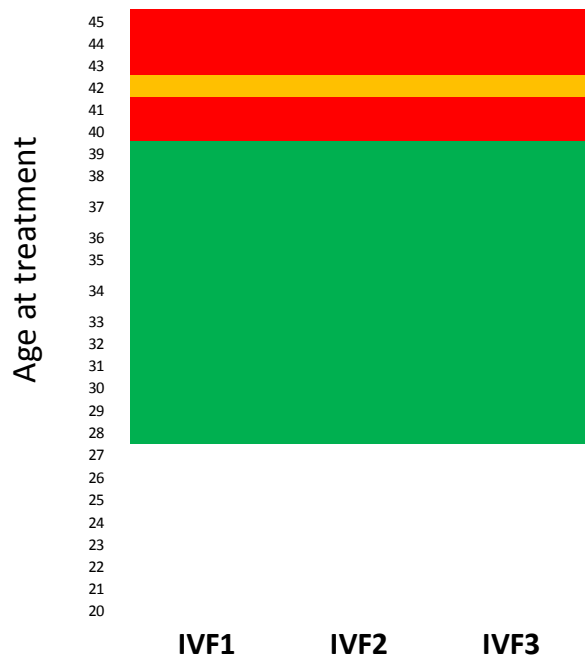
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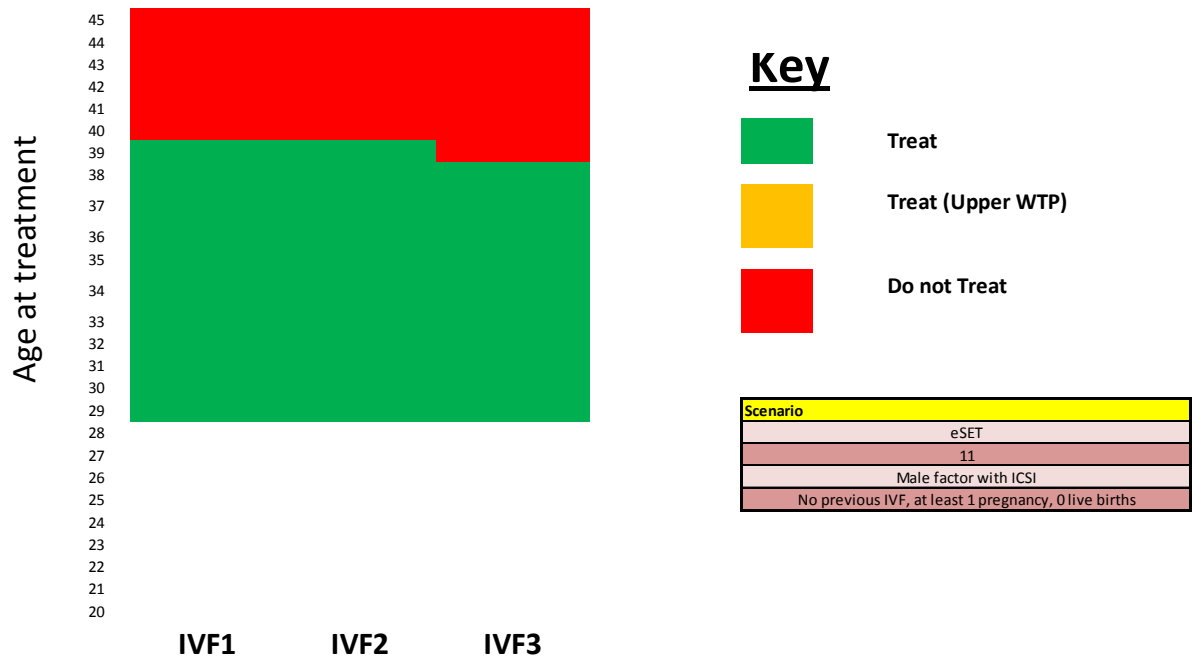
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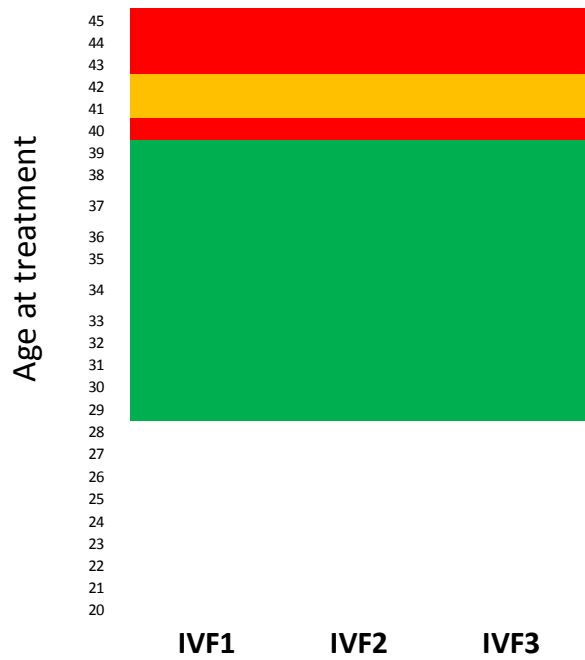
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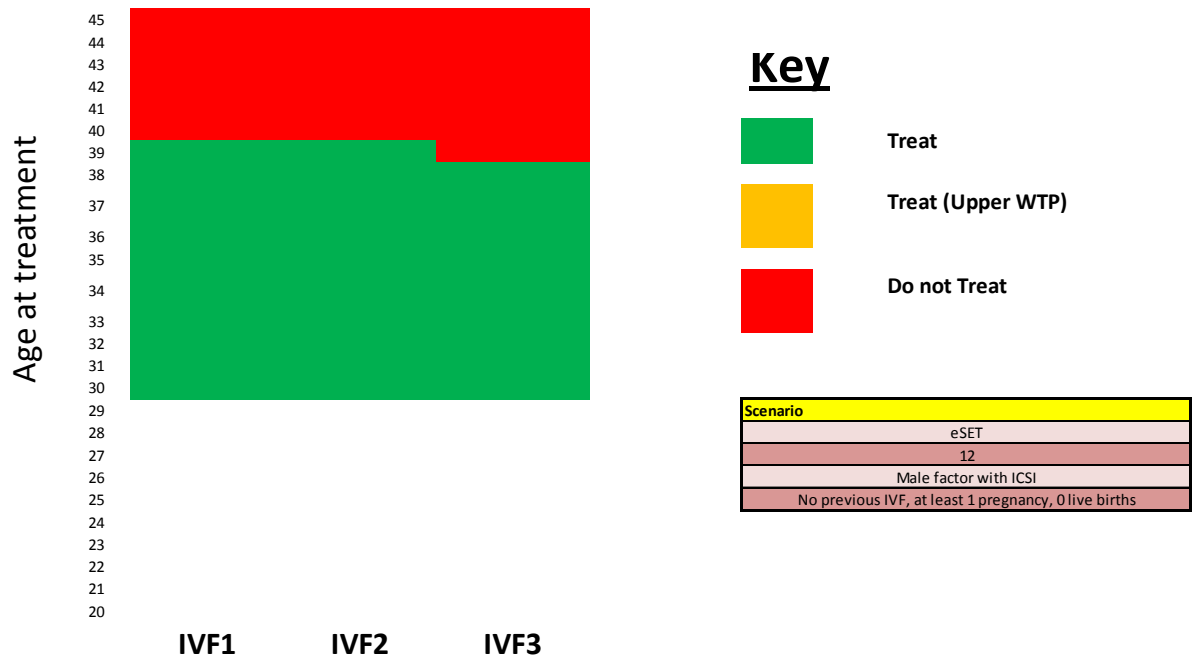
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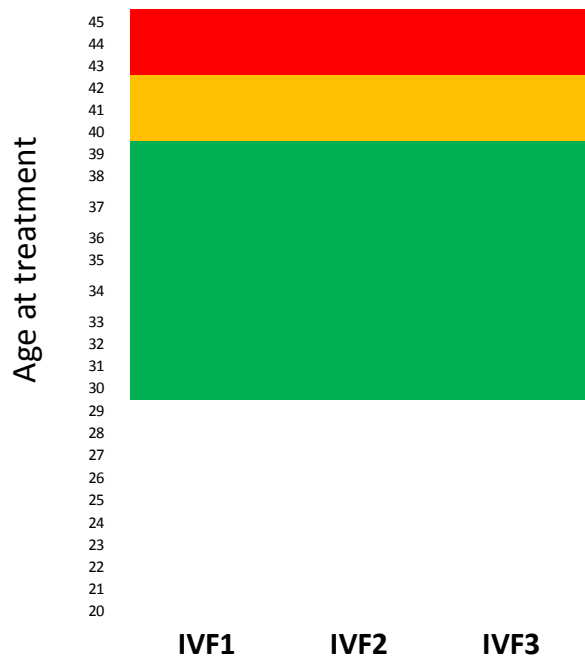
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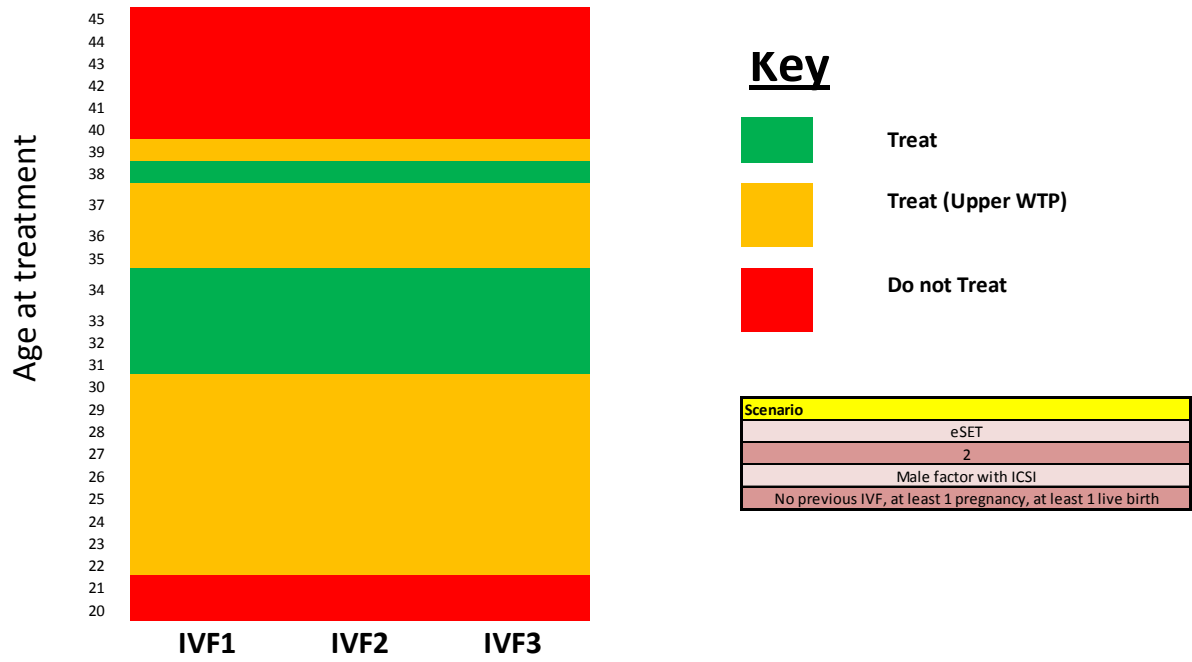
eSET



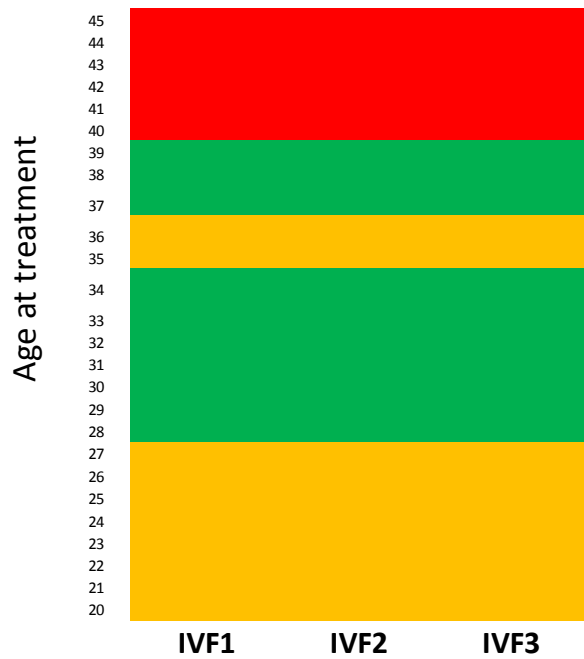
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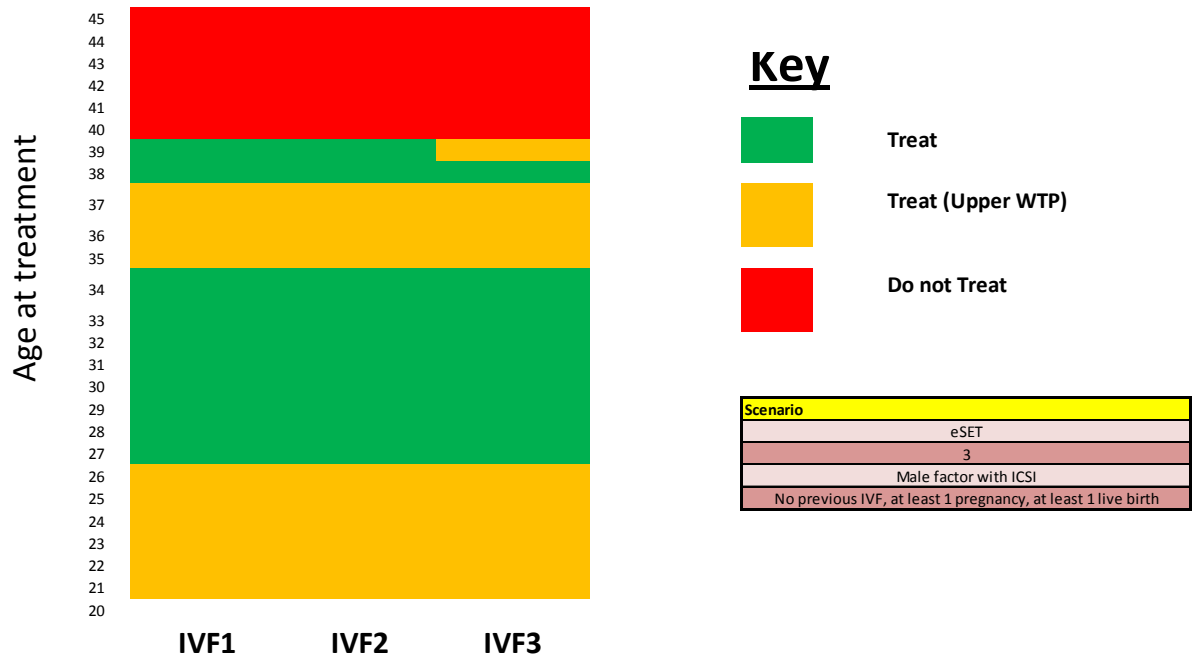
eSET



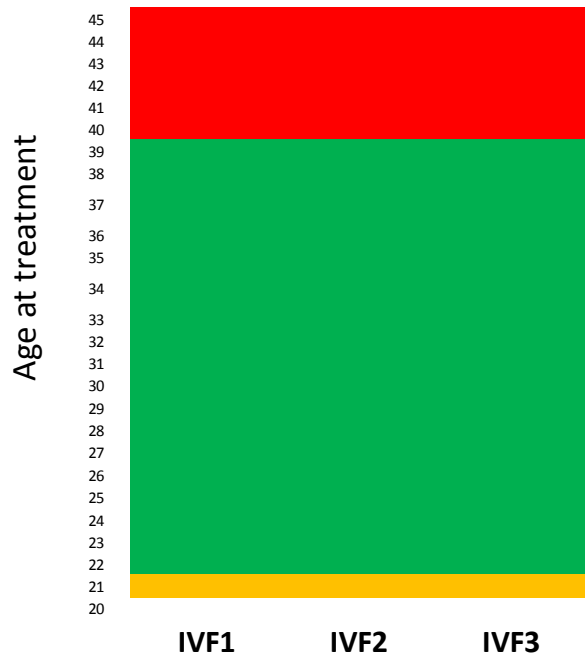
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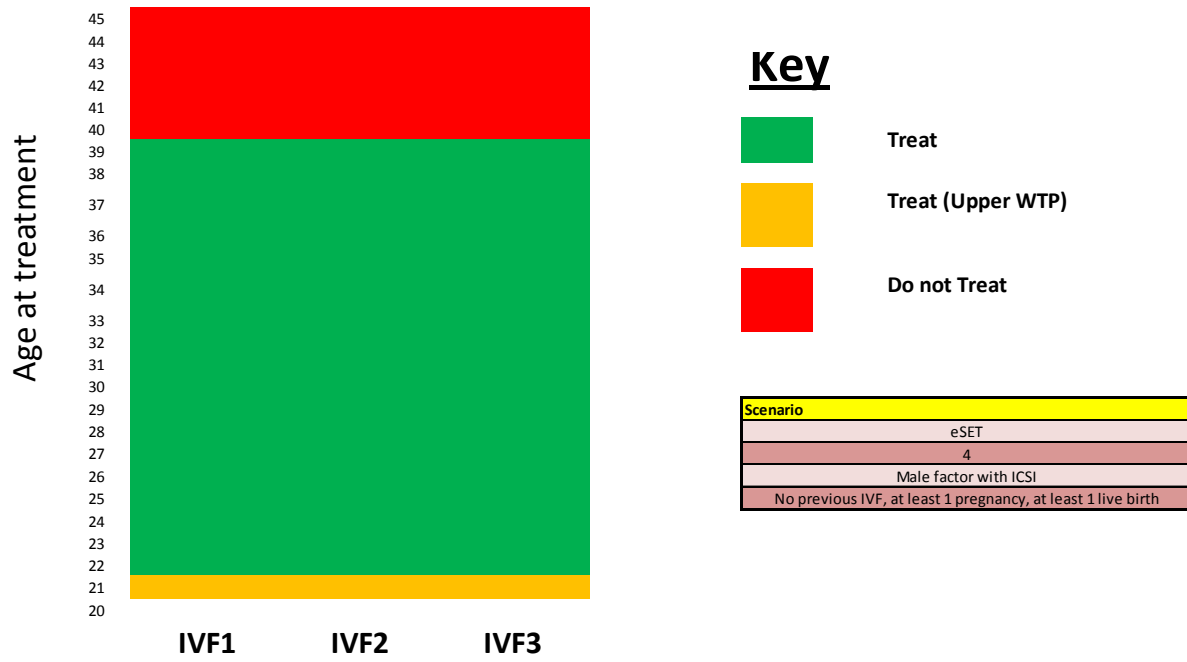
eSET



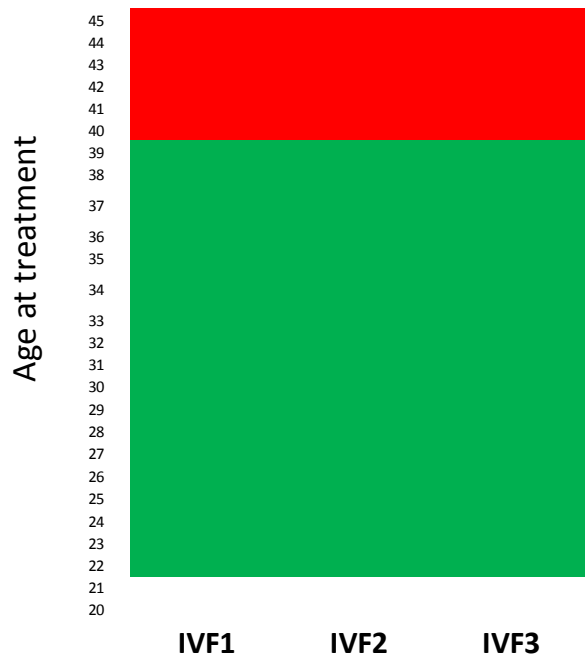
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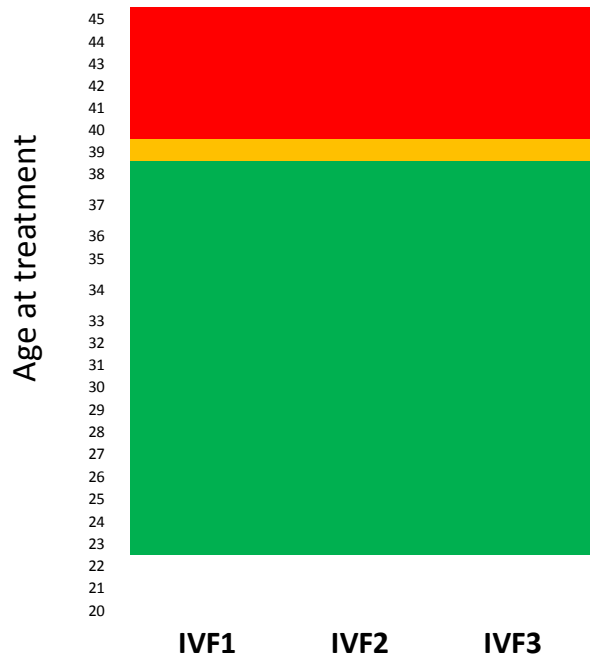
eSET



DET



eSET

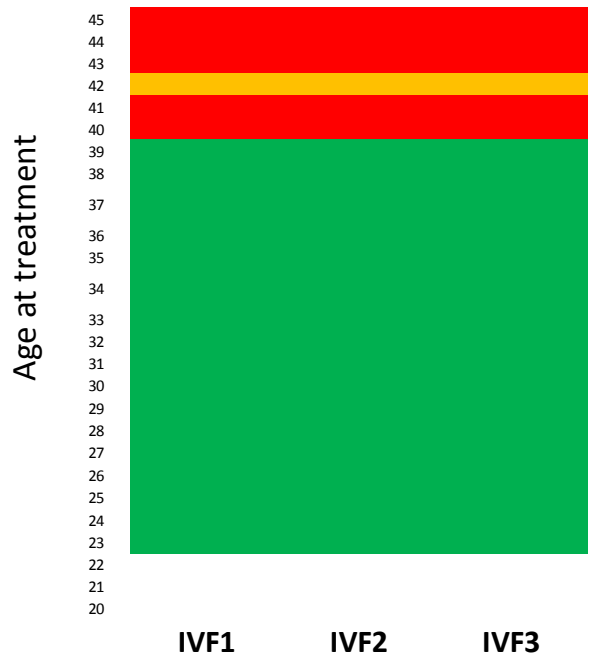


Key

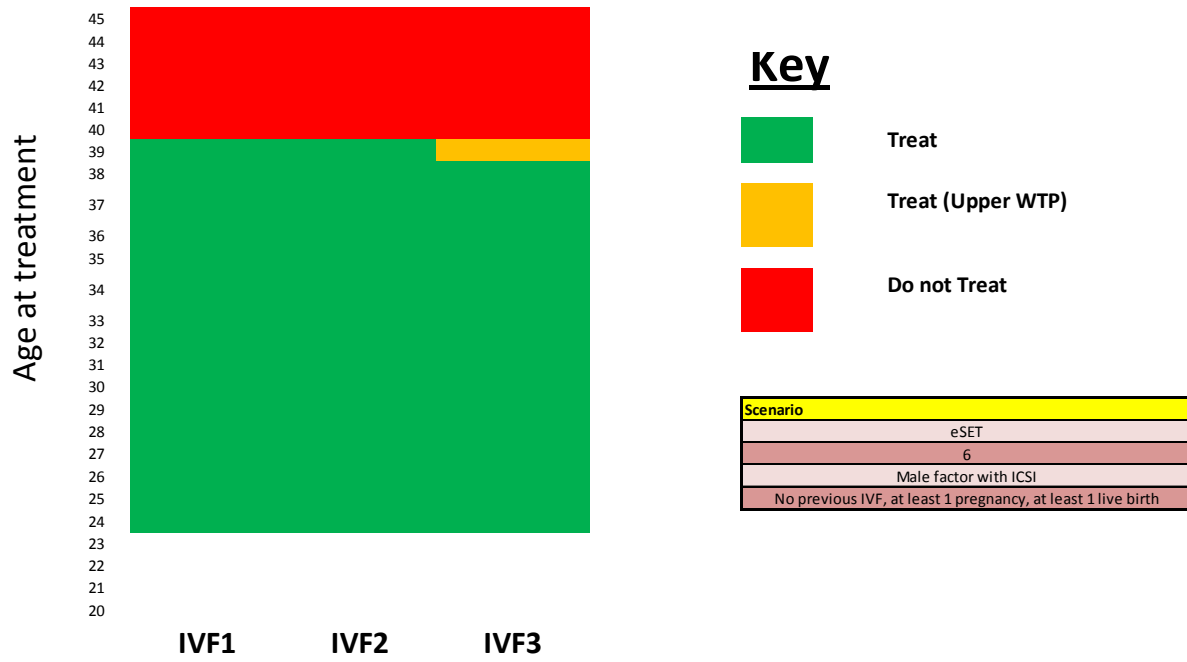
- Treat
- Treat (Upper WTP)
- Do not Treat

Scenario
eSET
5
Male factor with ICSI
No previous IVF, at least 1 pregnancy, at least 1 live birth

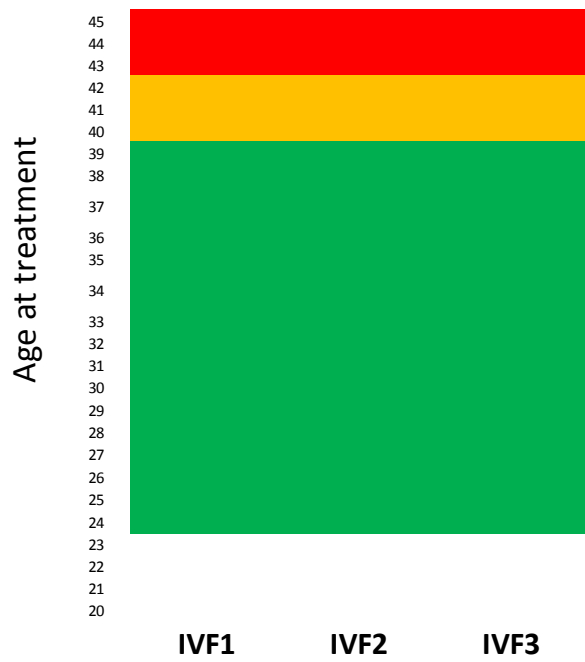
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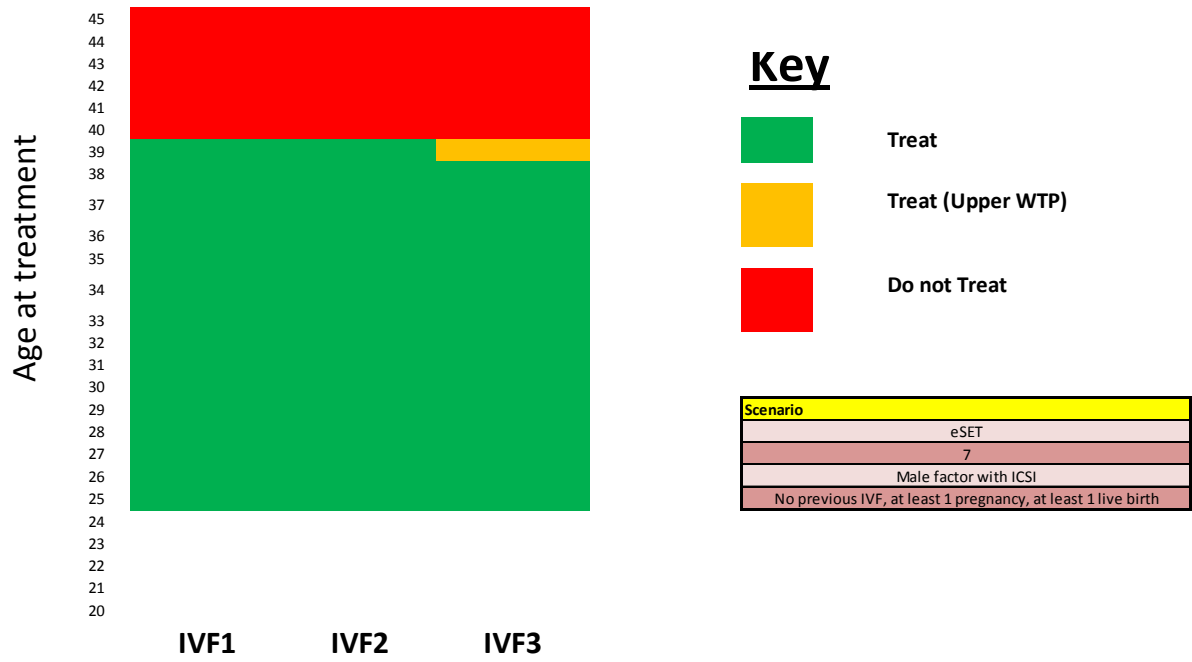
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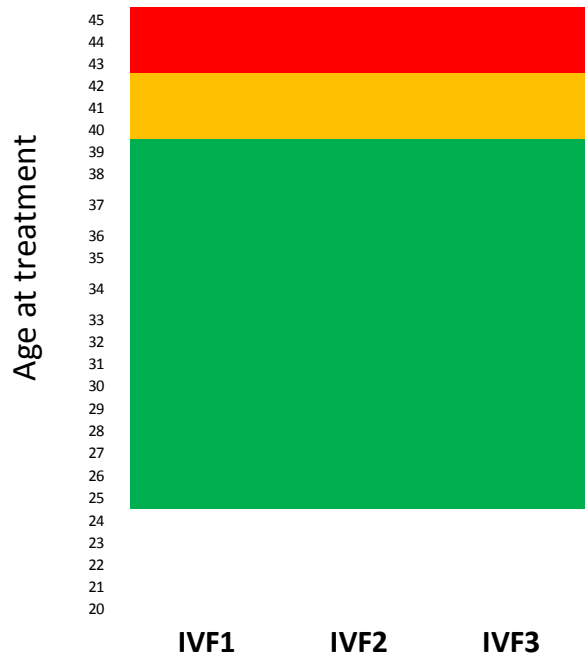
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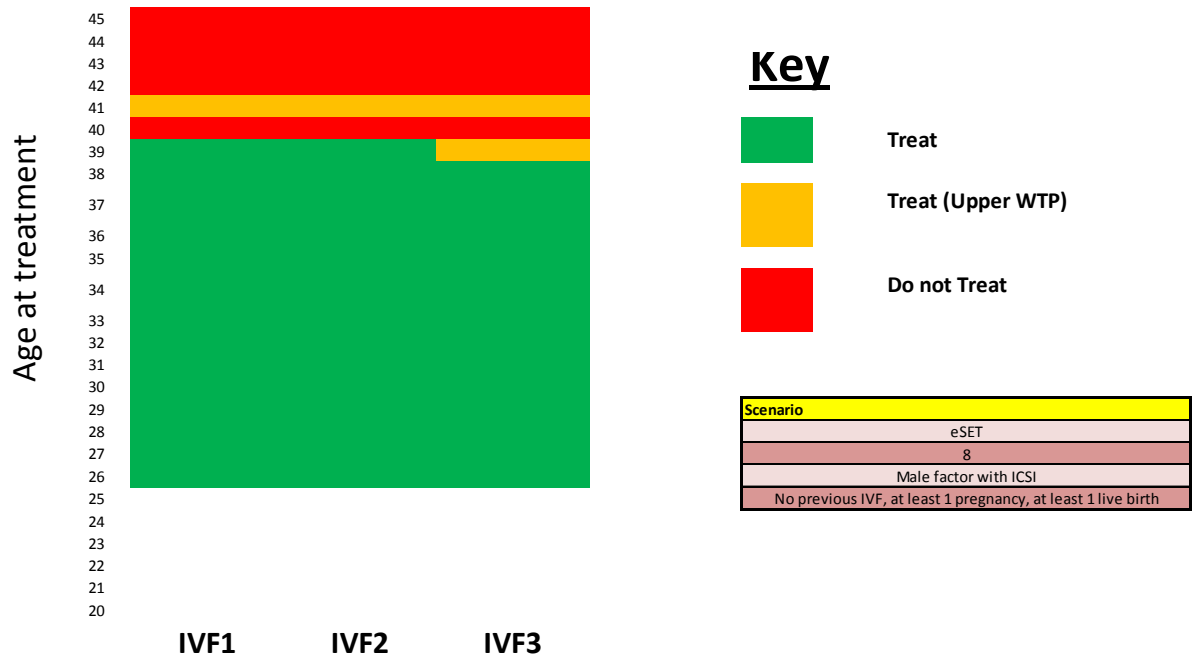
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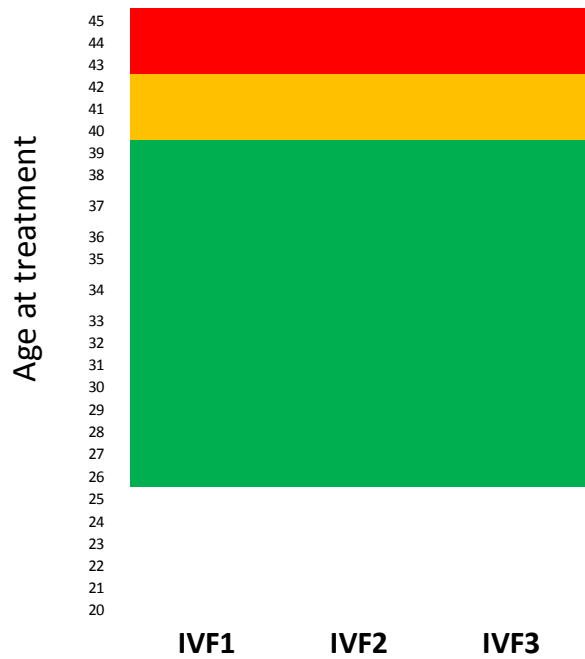
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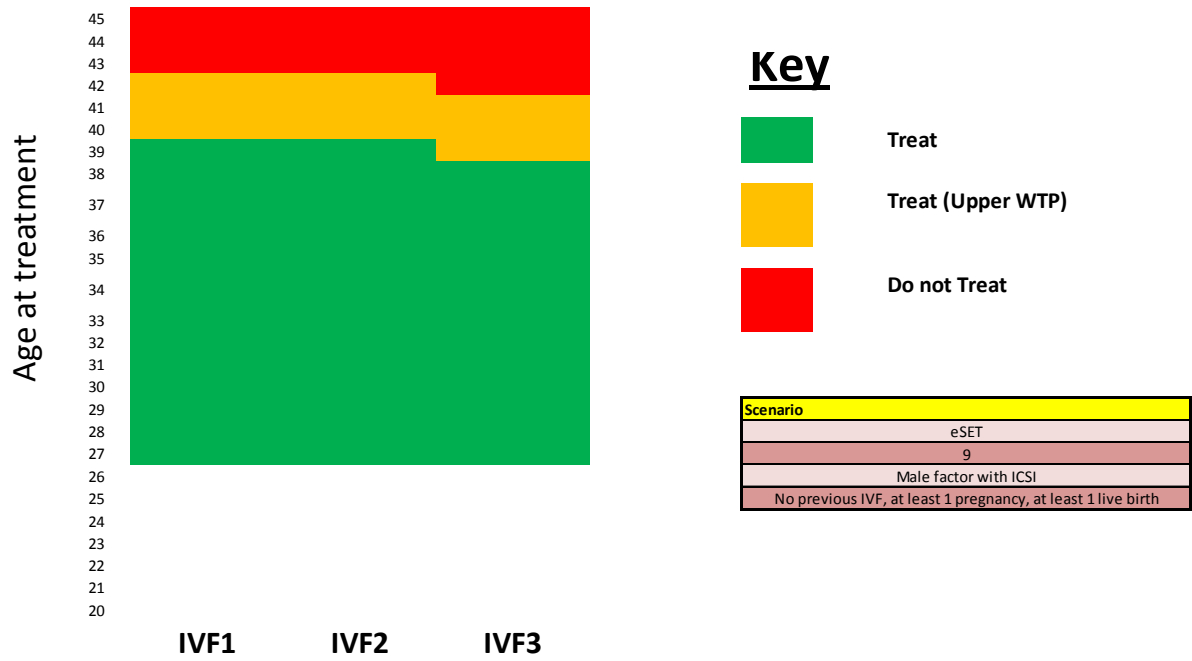
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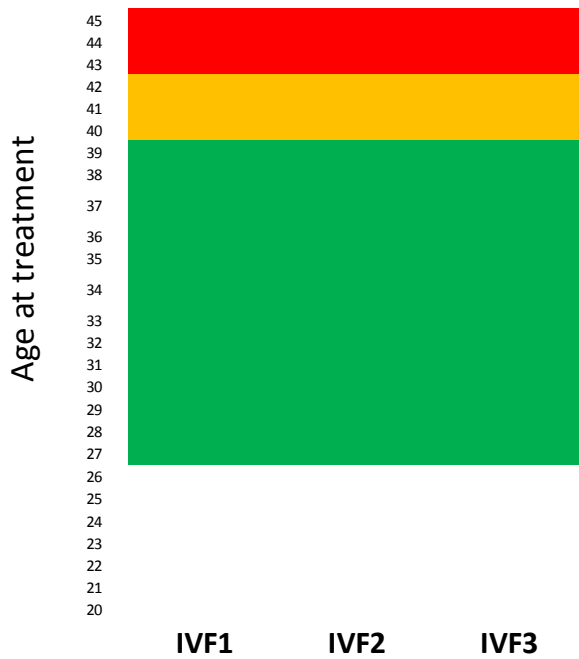
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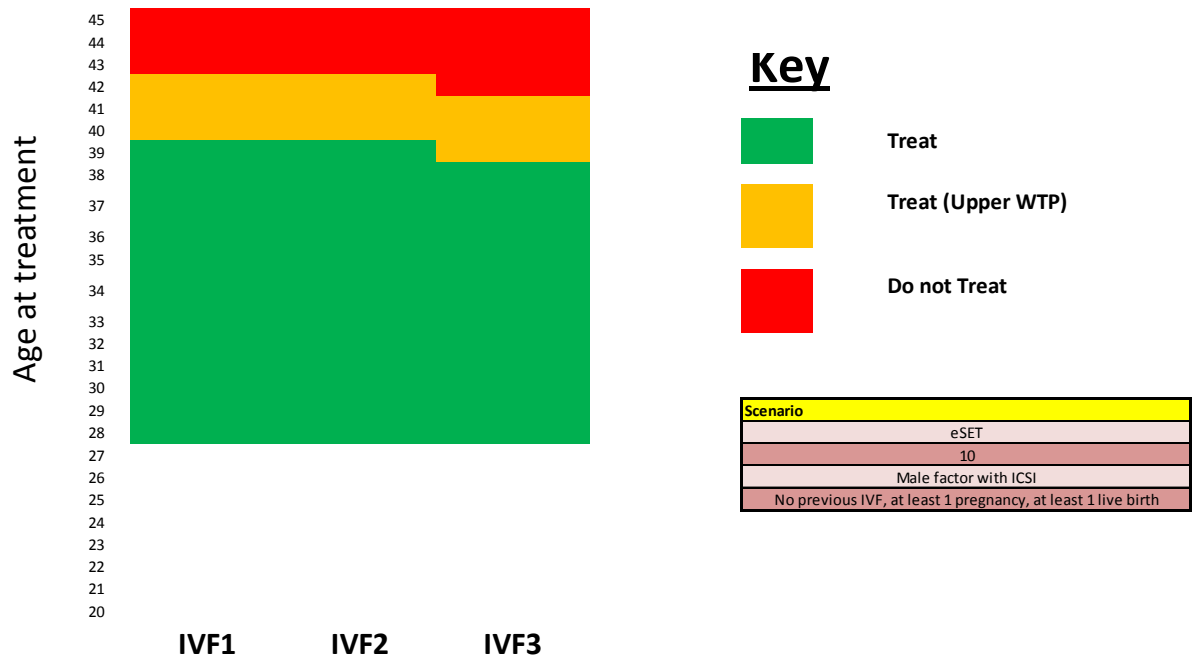
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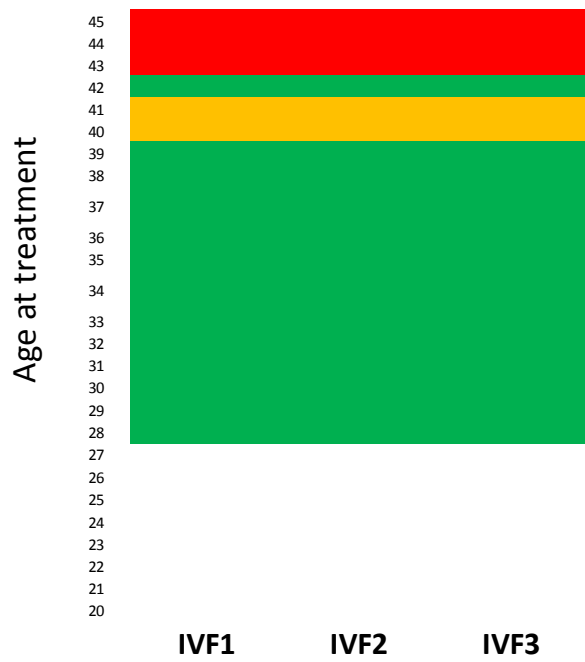
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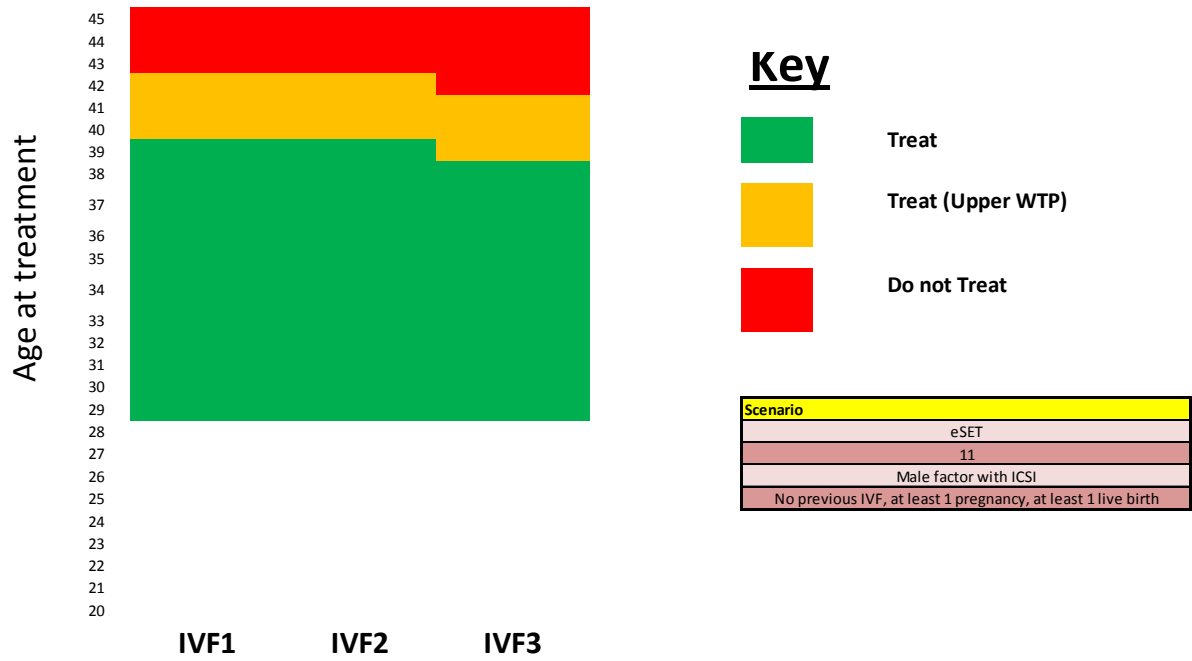
eSET



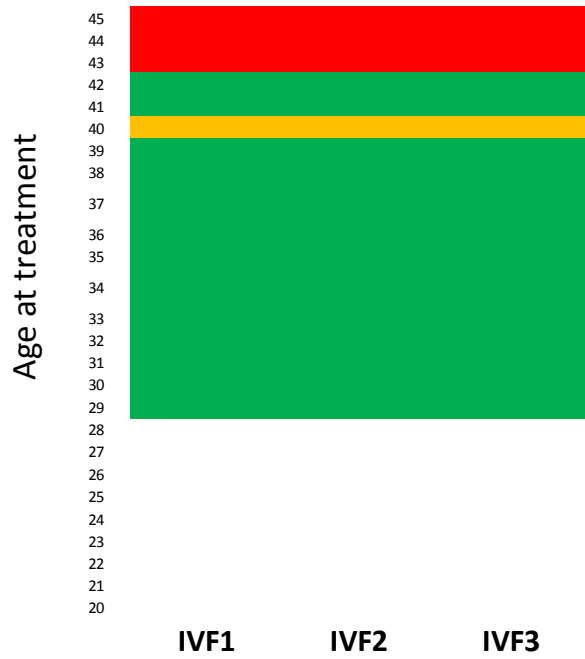
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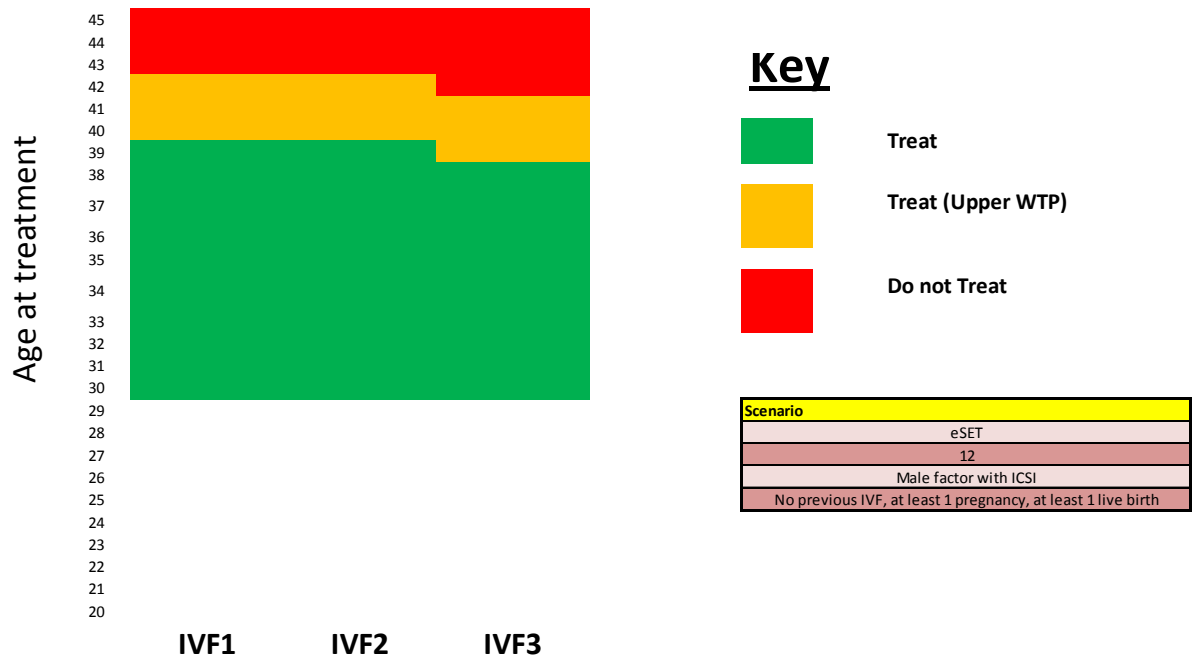
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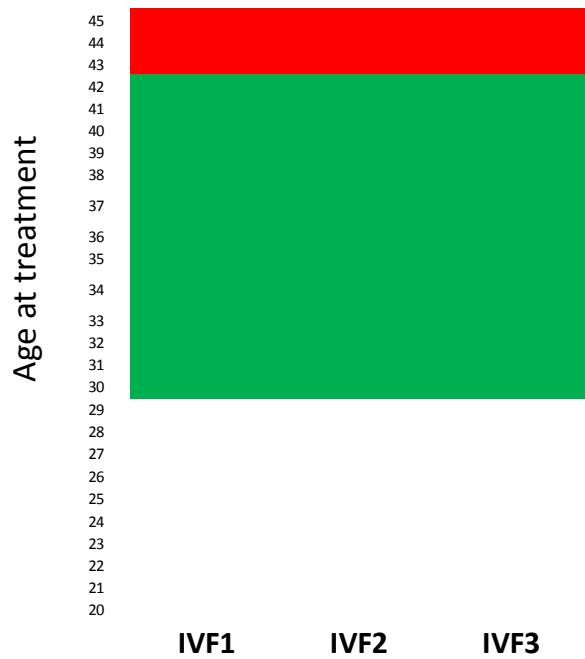
DET



eSET



DET



Summary of eSET results

Cause	Fertility	Duration	£20,000 WTP for a QALY	£30,000 WTP for a QALY
Unknown	Primary	2 years	Treat 27-34	Treat ≤39
Unknown	Primary	3 years	Treat ≤34 and 38	Treat ≤39
Unknown	Primary	4 years	Treat ≤37	Treat ≤39
Unknown	Primary	5 years	Treat ≤37	Treat ≤39
Unknown	Primary	6 years	Treat ≤38	Treat ≤39
Unknown	Primary	7 years	Treat ≤39	Treat ≤39
Unknown	Primary	8 years	Treat ≤39	Treat ≤39
Unknown	Primary	9 years	Treat ≤39	Treat ≤39
Unknown	Primary	10 years	Treat ≤39	Treat ≤39
Unknown	Primary	11 years	Treat ≤39	Treat ≤39
Unknown	Primary	12 years	Treat ≤39	Treat ≤42
Unknown	Secondary/pregnancy	2 years	Treat None	Treat 32-34
Unknown	Secondary/pregnancy	3 years	Treat None	Treat 29-34
Unknown	Secondary/pregnancy	4 years	Treat None	Treat 29-37
Unknown	Secondary/pregnancy	5 years	Treat 33-34	Treat ≤37
Unknown	Secondary/pregnancy	6 years	Treat 30-34 and 37	Treat ≤37
Unknown	Secondary/pregnancy	7 years	Treat 29-34 and 38	Treat ≤39
Unknown	Secondary/pregnancy	8 years	Treat ≤34 and 38-39	Treat ≤39
Unknown	Secondary/pregnancy	9 years	Treat ≤39	Treat ≤39
Unknown	Secondary/pregnancy	10 years	Treat ≤34 and 36-39	Treat ≤39
Unknown	Secondary/pregnancy	11 years	Treat ≤39	Treat ≤39
Unknown	Secondary/pregnancy	12 years	Treat ≤39	Treat ≤39
Unknown	Secondary/birth	2 years	Treat 33-34	Treat 27-34 and 33-34
Unknown	Secondary/birth	3 years	Treat 30-34	Treat ≤39
Unknown	Secondary/birth	4 years	Treat 29-37	Treat ≤39
Unknown	Secondary/birth	5 years	Treat ≤37	Treat ≤39
Unknown	Secondary/birth	6 years	Treat ≤38	Treat ≤39
Unknown	Secondary/birth	7 years	Treat ≤39	Treat ≤39
Unknown	Secondary/birth	8 years	Treat ≤39	Treat ≤39
Unknown	Secondary/birth	9 years	Treat ≤39	Treat ≤39 and 41
Unknown	Secondary/birth	10 years	Treat ≤39	Treat ≤39 and 41
Unknown	Secondary/birth	11 years	Treat ≤39	Treat ≤42
Unknown	Secondary/birth	12 years	Treat ≤39	Treat ≤42
Male/No ICSI	Primary	2 years	Treat 33	Treat 21-34 and 38
Male/No ICSI	Primary	3 years	Treat 30-34	Treat ≤34 and 36-39
Male/No ICSI	Primary	4 years	Treat 31-34	Treat ≤37
Male/No ICSI	Primary	5 years	Treat 26-37	Treat ≤38
Male/No ICSI	Primary	6 years	Treat ≤37	Treat ≤39
Male/No ICSI	Primary	7 years	Treat ≤34 and 38-39	Treat ≤39
Male/No ICSI	Primary	8 years	Treat ≤39	Treat ≤39
Male/No ICSI	Primary	9 years	Treat ≤39	Treat ≤39

Sensitivity analysis of cost-effective treatment of IVF analyses

Male/No ICSI	Primary	10 years	Treat ≤39	Treat ≤39
Male/No ICSI	Primary	11 years	Treat ≤39	Treat ≤39
Male/No ICSI	Primary	12 years	Treat ≤39	Treat ≤39
Male/No ICSI	Secondary/pregnancy	2 years	Treat None	Treat None
Male/No ICSI	Secondary/pregnancy	3 years	Treat None	Treat None
Male/No ICSI	Secondary/pregnancy	4 years	Treat None	Treat None
Male/No ICSI	Secondary/pregnancy	5 years	Treat None	Treat 32-34
Male/No ICSI	Secondary/pregnancy	6 years	Treat None	Treat 27-34 and 36-37
Male/No ICSI	Secondary/pregnancy	7 years	Treat None	Treat 27-34 and 38
Male/No ICSI	Secondary/pregnancy	8 years	Treat 32-34	Treat ≤34 and 36-39
Male/No ICSI	Secondary/pregnancy	9 years	Treat 29-34	Treat ≤39
Male/No ICSI	Secondary/pregnancy	10 years	Treat ≤34 and 38	Treat ≤39
Male/No ICSI	Secondary/pregnancy	11 years	Treat ≤34 and 38-39	Treat ≤39
Male/No ICSI	Secondary/pregnancy	12 years	Treat ≤34 and 38-39	Treat ≤39
Male/No ICSI	Secondary/birth	2 years	Treat None	Treat 29-34
Male/No ICSI	Secondary/birth	3 years	Treat 33-34	Treat 23-34 and 38
Male/No ICSI	Secondary/birth	4 years	Treat 33-34	Treat ≤37
Male/No ICSI	Secondary/birth	5 years	Treat 29-34 and 36-37	Treat ≤37
Male/No ICSI	Secondary/birth	6 years	Treat ≤37	Treat ≤39
Male/No ICSI	Secondary/birth	7 years	Treat ≤34 and 37-39	Treat ≤39
Male/No ICSI	Secondary/birth	8 years	Treat ≤39	Treat ≤39
Male/No ICSI	Secondary/birth	9 years	Treat ≤39	Treat ≤39
Male/No ICSI	Secondary/birth	10 years	Treat ≤39	Treat ≤39
Male/No ICSI	Secondary/birth	11 years	Treat ≤39	Treat ≤39
Male/No ICSI	Secondary/birth	12 years	Treat ≤39	Treat ≤39
Male/ICSI	Primary	2 years	Treat 22-34 and 38-39	Treat ≤39
Male/ICSI	Primary	3 years	Treat ≤39	Treat ≤39
Male/ICSI	Primary	4 years	Treat ≤37	Treat ≤39
Male/ICSI	Primary	5 years	Treat ≤38	Treat ≤39
Male/ICSI	Primary	6 years	Treat ≤39	Treat ≤39
Male/ICSI	Primary	7 years	Treat ≤39	Treat ≤39
Male/ICSI	Primary	8 years	Treat ≤39	Treat ≤39
Male/ICSI	Primary	9 years	Treat ≤39	Treat ≤39 and 42
Male/ICSI	Primary	10 years	Treat ≤39	Treat ≤39 and 42
Male/ICSI	Primary	11 years	Treat ≤39	Treat ≤39 and 41-42
Male/ICSI	Primary	12 years	Treat ≤39	Treat ≤42
Male/ICSI	Secondary/pregnancy	2 years	Treat None	Treat 30-34
Male/ICSI	Secondary/pregnancy	3 years	Treat None	Treat 25-34 and 38
Male/ICSI	Secondary/pregnancy	4 years	Treat 33-34	Treat 23-37
Male/ICSI	Secondary/pregnancy	5 years	Treat 30-34	Treat ≤37
Male/ICSI	Secondary/pregnancy	6 years	Treat 26-37	Treat ≤39
Male/ICSI	Secondary/pregnancy	7 years	Treat ≤34 and 37-39	Treat ≤39
Male/ICSI	Secondary/pregnancy	8 years	Treat ≤39	Treat ≤39
Male/ICSI	Secondary/pregnancy	9 years	Treat ≤39	Treat ≤39
Male/ICSI	Secondary/pregnancy	10 years	Treat ≤39	Treat ≤39

Fertility (appendices)

Male/ICSI	Secondary/pregnancy	11 years	Treat ≤39	Treat ≤39
Male/ICSI	Secondary/pregnancy	12 years	Treat ≤39	Treat ≤39
Male/ICSI	Secondary/birth	2 years	Treat 31-34 and 38	Treat 22-39
Male/ICSI	Secondary/birth	3 years	Treat 27-34 and 38-39	Treat ≤39
Male/ICSI	Secondary/birth	4 years	Treat 22-39	Treat ≤39
Male/ICSI	Secondary/birth	5 years	Treat ≤38	Treat ≤39
Male/ICSI	Secondary/birth	6 years	Treat ≤39	Treat ≤39
Male/ICSI	Secondary/birth	7 years	Treat ≤39	Treat ≤39
Male/ICSI	Secondary/birth	8 years	Treat ≤39	Treat ≤39 and 41
Male/ICSI	Secondary/birth	9 years	Treat ≤39	Treat ≤42
Male/ICSI	Secondary/birth	10 years	Treat ≤39	Treat ≤42
Male/ICSI	Secondary/birth	11 years	Treat ≤39	Treat ≤42
Male/ICSI	Secondary/birth	12 years	Treat ≤39	Treat ≤42
Tubal	Primary	2 years	Treat ≤41	Treat ≤42
Tubal	Primary	3 years	Treat ≤41	Treat ≤42
Tubal	Primary	4 years	Treat ≤41	Treat ≤42
Tubal	Primary	5 years	Treat ≤41	Treat ≤42
Tubal	Primary	6 years	Treat ≤41	Treat ≤42
Tubal	Primary	7 years	Treat ≤39	Treat ≤42
Tubal	Primary	8 years	Treat ≤39	Treat ≤42
Tubal	Primary	9 years	Treat ≤39	Treat ≤42
Tubal	Primary	10 years	Treat ≤39	Treat ≤42
Tubal	Primary	11 years	Treat ≤39	Treat ≤42
Tubal	Primary	12 years	Treat ≤39	Treat ≤42
Tubal	Secondary/pregnancy	2 years	Treat ≤42	Treat ≤42
Tubal	Secondary/pregnancy	3 years	Treat ≤42	Treat ≤42
Tubal	Secondary/pregnancy	4 years	Treat ≤42	Treat ≤42
Tubal	Secondary/pregnancy	5 years	Treat ≤42	Treat ≤42
Tubal	Secondary/pregnancy	6 years	Treat ≤42	Treat ≤42
Tubal	Secondary/pregnancy	7 years	Treat ≤39	Treat ≤42
Tubal	Secondary/pregnancy	8 years	Treat ≤39	Treat ≤42
Tubal	Secondary/pregnancy	9 years	Treat ≤39	Treat ≤42
Tubal	Secondary/pregnancy	10 years	Treat ≤39	Treat ≤42
Tubal	Secondary/pregnancy	11 years	Treat ≤39	Treat ≤42
Tubal	Secondary/pregnancy	12 years	Treat ≤39	Treat ≤42
Tubal	Secondary/birth	2 years	Treat ≤42	Treat ≤42
Tubal	Secondary/birth	3 years	Treat ≤42	Treat ≤42
Tubal	Secondary/birth	4 years	Treat ≤42	Treat ≤42
Tubal	Secondary/birth	5 years	Treat ≤42	Treat ≤42
Tubal	Secondary/birth	6 years	Treat ≤42	Treat ≤42
Tubal	Secondary/birth	7 years	Treat ≤42	Treat ≤42
Tubal	Secondary/birth	8 years	Treat ≤42	Treat ≤42
Tubal	Secondary/birth	9 years	Treat ≤42	Treat ≤42
Tubal	Secondary/birth	10 years	Treat ≤42	Treat ≤42
Tubal	Secondary/birth	11 years	Treat ≤42	Treat ≤42

Sensitivity analysis of cost-effective treatment of IVF analyses

Tubal	Secondary/birth	12 years	Treat ≤42	Treat ≤42
Endometriosis mild	Primary	2 years	Treat 29-34	Treat ≤34 and 36-39
Endometriosis mild	Primary	3 years	Treat 24-34	Treat ≤39
Endometriosis mild	Primary	4 years	Treat 24-37	Treat ≤39
Endometriosis mild	Primary	5 years	Treat ≤37	Treat ≤39
Endometriosis mild	Primary	6 years	Treat ≤37	Treat ≤39
Endometriosis mild	Primary	7 years	Treat ≤39	Treat ≤39
Endometriosis mild	Primary	8 years	Treat ≤39	Treat ≤39
Endometriosis mild	Primary	9 years	Treat ≤39	Treat ≤39
Endometriosis mild	Primary	10 years	Treat ≤39	Treat ≤39
Endometriosis mild	Primary	11 years	Treat ≤39	Treat ≤39
Endometriosis mild	Primary	12 years	Treat ≤39	Treat ≤39
Endometriosis mild	Secondary/pregnancy	2 years	Treat None	Treat 33
Endometriosis mild	Secondary/pregnancy	3 years	Treat None	Treat 31-34
Endometriosis mild	Secondary/pregnancy	4 years	Treat None	Treat 31-34
Endometriosis mild	Secondary/pregnancy	5 years	Treat None	Treat 26-37
Endometriosis mild	Secondary/pregnancy	6 years	Treat 32-34	Treat ≤37
Endometriosis mild	Secondary/pregnancy	7 years	Treat 31-34	Treat ≤39
Endometriosis mild	Secondary/pregnancy	8 years	Treat ≤34 and 38-39	Treat ≤39
Endometriosis mild	Secondary/pregnancy	9 years	Treat ≤34 and 37-39	Treat ≤39
Endometriosis mild	Secondary/pregnancy	10 years	Treat ≤34 and 38-39	Treat ≤39
Endometriosis mild	Secondary/pregnancy	11 years	Treat ≤34 and 36-39	Treat ≤39
Endometriosis mild	Secondary/pregnancy	12 years	Treat ≤39	Treat ≤39
Endometriosis mild	Secondary/birth	2 years	Treat None	Treat 28-34 and 37-39
Endometriosis mild	Secondary/birth	3 years	Treat 31-34	Treat 22-39
Endometriosis mild	Secondary/birth	4 years	Treat 30-37	Treat ≤38
Endometriosis mild	Secondary/birth	5 years	Treat 25-37	Treat ≤39
Endometriosis mild	Secondary/birth	6 years	Treat ≤37	Treat ≤39
Endometriosis mild	Secondary/birth	7 years	Treat ≤39	Treat ≤39
Endometriosis mild	Secondary/birth	8 years	Treat ≤39	Treat ≤39
Endometriosis mild	Secondary/birth	9 years	Treat ≤39	Treat ≤39
Endometriosis mild	Secondary/birth	10 years	Treat ≤39	Treat ≤39
Endometriosis mild	Secondary/birth	11 years	Treat ≤39	Treat ≤41
Endometriosis mild	Secondary/birth	12 years	Treat ≤39	Treat ≤42
Endometriosis severe	Primary	2 years	Treat ≤42	Treat ≤42
Endometriosis severe	Primary	3 years	Treat ≤42	Treat ≤42
Endometriosis severe	Primary	4 years	Treat ≤42	Treat ≤42
Endometriosis severe	Primary	5 years	Treat ≤42	Treat ≤42
Endometriosis severe	Primary	6 years	Treat ≤42	Treat ≤42
Endometriosis severe	Primary	7 years	Treat ≤41	Treat ≤42
Endometriosis severe	Primary	8 years	Treat ≤41	Treat ≤42
Endometriosis severe	Primary	9 years	Treat ≤41	Treat ≤42
Endometriosis severe	Primary	10 years	Treat ≤39	Treat ≤42
Endometriosis severe	Primary	11 years	Treat ≤39	Treat ≤42
Endometriosis severe	Primary	12 years	Treat ≤39	Treat ≤42

Fertility (appendices)

Endometriosis severe	Secondary/pregnancy	2 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/pregnancy	3 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/pregnancy	4 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/pregnancy	5 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/pregnancy	6 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/pregnancy	7 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/pregnancy	8 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/pregnancy	9 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/pregnancy	10 years	Treat ≤40	Treat ≤42
Endometriosis severe	Secondary/pregnancy	11 years	Treat ≤40	Treat ≤42
Endometriosis severe	Secondary/pregnancy	12 years	Treat ≤40	Treat ≤42
Endometriosis severe	Secondary/birth	2 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/birth	3 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/birth	4 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/birth	5 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/birth	6 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/birth	7 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/birth	8 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/birth	9 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/birth	10 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/birth	11 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/birth	12 years	Treat ≤42	Treat ≤42

Summary of DET results

Cause	Fertility	Duration	£20,000 WTP for a QALY	£30,000 WTP for a QALY
Unknown	Primary	2 years	Treat ≤34 and 37-39	Treat ≤39
Unknown	Primary	3 years	Treat ≤39	Treat ≤39
Unknown	Primary	4 years	Treat ≤39	Treat ≤39
Unknown	Primary	5 years	Treat ≤39	Treat ≤39 and 42
Unknown	Primary	6 years	Treat ≤39	Treat ≤39 and 41-42
Unknown	Primary	7 years	Treat ≤39	Treat ≤39 and 41-42
Unknown	Primary	8 years	Treat ≤39	Treat ≤42
Unknown	Primary	9 years	Treat ≤39	Treat ≤42
Unknown	Primary	10 years	Treat ≤39	Treat ≤42
Unknown	Primary	11 years	Treat ≤39	Treat ≤42
Unknown	Primary	12 years	Treat ≤39	Treat ≤42
Unknown	Secondary/pregnancy	2 years	Treat None	Treat 29-34 and 39
Unknown	Secondary/pregnancy	3 years	Treat 32-34	Treat 23-34 and 38-39
Unknown	Secondary/pregnancy	4 years	Treat 32-34	Treat ≤37
Unknown	Secondary/pregnancy	5 years	Treat 29-37	Treat ≤37 and 39
Unknown	Secondary/pregnancy	6 years	Treat ≤37	Treat ≤39
Unknown	Secondary/pregnancy	7 years	Treat ≤34 and 36-39	Treat ≤39
Unknown	Secondary/pregnancy	8 years	Treat ≤39	Treat ≤39
Unknown	Secondary/pregnancy	9 years	Treat ≤39	Treat ≤39
Unknown	Secondary/pregnancy	10 years	Treat ≤39	Treat ≤39
Unknown	Secondary/pregnancy	11 years	Treat ≤39	Treat ≤39 and 42
Unknown	Secondary/pregnancy	12 years	Treat ≤39	Treat ≤42
Unknown	Secondary/birth	2 years	Treat 31-34 and 38-39	Treat 23-39
Unknown	Secondary/birth	3 years	Treat 26-34 and 36-39	Treat ≤39
Unknown	Secondary/birth	4 years	Treat 23-37 and 39	Treat ≤39
Unknown	Secondary/birth	5 years	Treat ≤39	Treat ≤39
Unknown	Secondary/birth	6 years	Treat ≤39	Treat ≤39 and 42
Unknown	Secondary/birth	7 years	Treat ≤39	Treat ≤39 and 41-42
Unknown	Secondary/birth	8 years	Treat ≤39	Treat ≤42
Unknown	Secondary/birth	9 years	Treat ≤39	Treat ≤42
Unknown	Secondary/birth	10 years	Treat ≤39	Treat ≤42
Unknown	Secondary/birth	11 years	Treat ≤39 and 41-42	Treat ≤42
Unknown	Secondary/birth	12 years	Treat ≤42	Treat ≤42
Male/No ICSI	Primary	2 years	Treat 28-34	Treat ≤34 and 36-39
Male/No ICSI	Primary	3 years	Treat ≤34 and 38-39	Treat ≤39
Male/No ICSI	Primary	4 years	Treat 23-37	Treat ≤39
Male/No ICSI	Primary	5 years	Treat ≤37	Treat ≤39
Male/No ICSI	Primary	6 years	Treat ≤39	Treat ≤39
Male/No ICSI	Primary	7 years	Treat ≤39	Treat ≤39

Fertility (appendices)

Male/No ICSI	Primary	8 years	Treat ≤39	Treat ≤39
Male/No ICSI	Primary	9 years	Treat ≤39	Treat ≤39
Male/No ICSI	Primary	10 years	Treat ≤39	Treat ≤39
Male/No ICSI	Primary	11 years	Treat ≤39	Treat ≤39 and 41-42
Male/No ICSI	Primary	12 years	Treat ≤39	Treat ≤42
Male/No ICSI	Secondary/pregnancy	2 years	Treat None	Treat 33-34
Male/No ICSI	Secondary/pregnancy	3 years	Treat None	Treat 29-34
Male/No ICSI	Secondary/pregnancy	4 years	Treat None	Treat 31-34 and 37
Male/No ICSI	Secondary/pregnancy	5 years	Treat 34	Treat 25-37
Male/No ICSI	Secondary/pregnancy	6 years	Treat 31-34 and 37	Treat ≤37
Male/No ICSI	Secondary/pregnancy	7 years	Treat 31-34 and 38-39	Treat ≤34 and 36-39
Male/No ICSI	Secondary/pregnancy	8 years	Treat ≤34 and 38-39	Treat ≤39
Male/No ICSI	Secondary/pregnancy	9 years	Treat ≤34 and 36-39	Treat ≤39
Male/No ICSI	Secondary/pregnancy	10 years	Treat ≤34 and 37-39	Treat ≤39
Male/No ICSI	Secondary/pregnancy	11 years	Treat ≤39	Treat ≤39
Male/No ICSI	Secondary/pregnancy	12 years	Treat ≤39	Treat ≤39
Male/No ICSI	Secondary/birth	2 years	Treat 32-34	Treat 23-34 and 37-39
Male/No ICSI	Secondary/birth	3 years	Treat 28-34 and 39	Treat ≤39
Male/No ICSI	Secondary/birth	4 years	Treat 28-37	Treat ≤39
Male/No ICSI	Secondary/birth	5 years	Treat ≤37	Treat ≤39
Male/No ICSI	Secondary/birth	6 years	Treat ≤39	Treat ≤39
Male/No ICSI	Secondary/birth	7 years	Treat ≤39	Treat ≤39
Male/No ICSI	Secondary/birth	8 years	Treat ≤39	Treat ≤39
Male/No ICSI	Secondary/birth	9 years	Treat ≤39	Treat ≤39 and 42
Male/No ICSI	Secondary/birth	10 years	Treat ≤39	Treat ≤39 and 41-42
Male/No ICSI	Secondary/birth	11 years	Treat ≤39	Treat ≤42
Male/No ICSI	Secondary/birth	12 years	Treat ≤39	Treat ≤42
Male/ICSI	Primary	2 years	Treat ≤39	Treat ≤39
Male/ICSI	Primary	3 years	Treat ≤39	Treat ≤39
Male/ICSI	Primary	4 years	Treat ≤39	Treat ≤39
Male/ICSI	Primary	5 years	Treat ≤39	Treat ≤39 and 42
Male/ICSI	Primary	6 years	Treat ≤39	Treat ≤42
Male/ICSI	Primary	7 years	Treat ≤39	Treat ≤42
Male/ICSI	Primary	8 years	Treat ≤39	Treat ≤42
Male/ICSI	Primary	9 years	Treat ≤39	Treat ≤42
Male/ICSI	Primary	10 years	Treat ≤39	Treat ≤42
Male/ICSI	Primary	11 years	Treat ≤39	Treat ≤42
Male/ICSI	Primary	12 years	Treat ≤39 and 42	Treat ≤42
Male/ICSI	Secondary/pregnancy	2 years	Treat 33-34	Treat 25-34 and 38-39
Male/ICSI	Secondary/pregnancy	3 years	Treat 30-34 and 39	Treat ≤39
Male/ICSI	Secondary/pregnancy	4 years	Treat 30-34 and 36-37	Treat ≤37 and 39
Male/ICSI	Secondary/pregnancy	5 years	Treat 24-37	Treat ≤39
Male/ICSI	Secondary/pregnancy	6 years	Treat ≤37	Treat ≤39
Male/ICSI	Secondary/pregnancy	7 years	Treat ≤39	Treat ≤39
Male/ICSI	Secondary/pregnancy	8 years	Treat ≤39	Treat ≤39

Sensitivity analysis of cost-effective treatment of IVF analyses

Male/ICSI	Secondary/pregnancy	9 years	Treat ≤39	Treat ≤39 and 42
Male/ICSI	Secondary/pregnancy	10 years	Treat ≤39	Treat ≤39 and 42
Male/ICSI	Secondary/pregnancy	11 years	Treat ≤39	Treat ≤39 and 41-42
Male/ICSI	Secondary/pregnancy	12 years	Treat ≤39	Treat ≤42
Male/ICSI	Secondary/birth	2 years	Treat 28-34 and 37-39	Treat ≤39
Male/ICSI	Secondary/birth	3 years	Treat 22-39	Treat ≤39
Male/ICSI	Secondary/birth	4 years	Treat ≤39	Treat ≤39
Male/ICSI	Secondary/birth	5 years	Treat ≤39	Treat ≤39 and 42
Male/ICSI	Secondary/birth	6 years	Treat ≤39	Treat ≤42
Male/ICSI	Secondary/birth	7 years	Treat ≤39	Treat ≤42
Male/ICSI	Secondary/birth	8 years	Treat ≤39	Treat ≤42
Male/ICSI	Secondary/birth	9 years	Treat ≤39	Treat ≤42
Male/ICSI	Secondary/birth	10 years	Treat ≤39 and 42	Treat ≤42
Male/ICSI	Secondary/birth	11 years	Treat ≤39 and 41-42	Treat ≤42
Male/ICSI	Secondary/birth	12 years	Treat ≤42	Treat ≤42
Tubal	Primary	2 years	Treat ≤42	Treat ≤42
Tubal	Primary	3 years	Treat ≤42	Treat ≤42
Tubal	Primary	4 years	Treat ≤42	Treat ≤42
Tubal	Primary	5 years	Treat ≤42	Treat ≤42
Tubal	Primary	6 years	Treat ≤42	Treat ≤42
Tubal	Primary	7 years	Treat ≤42	Treat ≤42
Tubal	Primary	8 years	Treat ≤42	Treat ≤42
Tubal	Primary	9 years	Treat ≤42	Treat ≤42
Tubal	Primary	10 years	Treat ≤42	Treat ≤42
Tubal	Primary	11 years	Treat ≤42	Treat ≤42
Tubal	Primary	12 years	Treat ≤42	Treat ≤42
Tubal	Secondary/pregnancy	2 years	Treat ≤42	Treat ≤42
Tubal	Secondary/pregnancy	3 years	Treat ≤42	Treat ≤42
Tubal	Secondary/pregnancy	4 years	Treat ≤42	Treat ≤42
Tubal	Secondary/pregnancy	5 years	Treat ≤42	Treat ≤42
Tubal	Secondary/pregnancy	6 years	Treat ≤42	Treat ≤42
Tubal	Secondary/pregnancy	7 years	Treat ≤42	Treat ≤42
Tubal	Secondary/pregnancy	8 years	Treat ≤42	Treat ≤42
Tubal	Secondary/pregnancy	9 years	Treat ≤42	Treat ≤42
Tubal	Secondary/pregnancy	10 years	Treat ≤42	Treat ≤42
Tubal	Secondary/pregnancy	11 years	Treat ≤42	Treat ≤42
Tubal	Secondary/pregnancy	12 years	Treat ≤42	Treat ≤42
Tubal	Secondary/birth	2 years	Treat ≤42	Treat ≤42
Tubal	Secondary/birth	3 years	Treat ≤42	Treat ≤42
Tubal	Secondary/birth	4 years	Treat ≤42	Treat ≤44
Tubal	Secondary/birth	5 years	Treat ≤42	Treat ≤44
Tubal	Secondary/birth	6 years	Treat ≤42	Treat ≤44
Tubal	Secondary/birth	7 years	Treat ≤42	Treat ≤42
Tubal	Secondary/birth	8 years	Treat ≤42	Treat ≤42
Tubal	Secondary/birth	9 years	Treat ≤42	Treat ≤42

Fertility (appendices)

Tubal	Secondary/birth	10 years	Treat ≤42	Treat ≤42
Tubal	Secondary/birth	11 years	Treat ≤42	Treat ≤42
Tubal	Secondary/birth	12 years	Treat ≤42	Treat ≤42
Endometriosis mild	Primary	2 years	Treat 22-34 and 38-39	Treat ≤39
Endometriosis mild	Primary	3 years	Treat ≤39	Treat ≤39
Endometriosis mild	Primary	4 years	Treat ≤37 and 39	Treat ≤39
Endometriosis mild	Primary	5 years	Treat ≤39	Treat ≤39
Endometriosis mild	Primary	6 years	Treat ≤39	Treat ≤39 and 42
Endometriosis mild	Primary	7 years	Treat ≤39	Treat ≤39 and 42
Endometriosis mild	Primary	8 years	Treat ≤39	Treat ≤39 and 41-42
Endometriosis mild	Primary	9 years	Treat ≤39	Treat ≤42
Endometriosis mild	Primary	10 years	Treat ≤39	Treat ≤42
Endometriosis mild	Primary	11 years	Treat ≤39	Treat ≤42
Endometriosis mild	Primary	12 years	Treat ≤39	Treat ≤42
Endometriosis mild	Secondary/pregnancy	2 years	Treat None	Treat 30-34
Endometriosis mild	Secondary/pregnancy	3 years	Treat 33-34	Treat 25-34 and 38-39
Endometriosis mild	Secondary/pregnancy	4 years	Treat 34	Treat 24-37
Endometriosis mild	Secondary/pregnancy	5 years	Treat 31-34 and 37	Treat ≤37
Endometriosis mild	Secondary/pregnancy	6 years	Treat 25-37	Treat ≤39
Endometriosis mild	Secondary/pregnancy	7 years	Treat ≤34 and 37-39	Treat ≤39
Endometriosis mild	Secondary/pregnancy	8 years	Treat ≤39	Treat ≤39
Endometriosis mild	Secondary/pregnancy	9 years	Treat ≤39	Treat ≤39
Endometriosis mild	Secondary/pregnancy	10 years	Treat ≤39	Treat ≤39
Endometriosis mild	Secondary/pregnancy	11 years	Treat ≤39	Treat ≤39
Endometriosis mild	Secondary/pregnancy	12 years	Treat ≤39	Treat ≤39 and 41-42
Endometriosis mild	Secondary/birth	2 years	Treat 31-34 and 38-39	Treat 24-39
Endometriosis mild	Secondary/birth	3 years	Treat 27-34 and 37-39	Treat ≤39
Endometriosis mild	Secondary/birth	4 years	Treat 25-37	Treat ≤39
Endometriosis mild	Secondary/birth	5 years	Treat ≤39	Treat ≤39
Endometriosis mild	Secondary/birth	6 years	Treat ≤39	Treat ≤39 and 42
Endometriosis mild	Secondary/birth	7 years	Treat ≤39	Treat ≤39 and 42
Endometriosis mild	Secondary/birth	8 years	Treat ≤39	Treat ≤39 and 41-42
Endometriosis mild	Secondary/birth	9 years	Treat ≤39	Treat ≤42
Endometriosis mild	Secondary/birth	10 years	Treat ≤39	Treat ≤42
Endometriosis mild	Secondary/birth	11 years	Treat ≤39 and 42	Treat ≤42
Endometriosis mild	Secondary/birth	12 years	Treat ≤39 and 41-42	Treat ≤42
Endometriosis severe	Primary	2 years	Treat ≤42	Treat ≤42
Endometriosis severe	Primary	3 years	Treat ≤42	Treat ≤42
Endometriosis severe	Primary	4 years	Treat ≤42	Treat ≤42
Endometriosis severe	Primary	5 years	Treat ≤42	Treat ≤42
Endometriosis severe	Primary	6 years	Treat ≤42	Treat ≤42
Endometriosis severe	Primary	7 years	Treat ≤42	Treat ≤42
Endometriosis severe	Primary	8 years	Treat ≤42	Treat ≤42
Endometriosis severe	Primary	9 years	Treat ≤42	Treat ≤42
Endometriosis severe	Primary	10 years	Treat ≤42	Treat ≤42

Sensitivity analysis of cost-effective treatment of IVF analyses

Endometriosis severe	Primary	11 years	Treat ≤42	Treat ≤42
Endometriosis severe	Primary	12 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/pregnancy	2 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/pregnancy	3 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/pregnancy	4 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/pregnancy	5 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/pregnancy	6 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/pregnancy	7 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/pregnancy	8 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/pregnancy	9 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/pregnancy	10 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/pregnancy	11 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/pregnancy	12 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/birth	2 years	Treat ≤42	Treat ≤44
Endometriosis severe	Secondary/birth	3 years	Treat ≤42	Treat ≤44
Endometriosis severe	Secondary/birth	4 years	Treat ≤42	Treat ≤44
Endometriosis severe	Secondary/birth	5 years	Treat ≤42	Treat ≤44
Endometriosis severe	Secondary/birth	6 years	Treat ≤42	Treat ≤44
Endometriosis severe	Secondary/birth	7 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/birth	8 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/birth	9 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/birth	10 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/birth	11 years	Treat ≤42	Treat ≤42
Endometriosis severe	Secondary/birth	12 years	Treat ≤42	Treat ≤42