**Figure.1 Sensitivity analysis plot of mortality rate between early invasive strategy and delayed invasive strategy.**



|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |
| ------------------------------------------------------------------ |
|  Study omitted | Estimate [95% Conf. Interval] |
| -------------------+---------------------------------------------- |
|  ELISA (2003) | .78715879 .61590993 1.006022 |
|  ISAR-COOL (2003) | .79626393 .62421203 1.0157386 |
|  ABOARD (2009) | .75752479 .59267294 .96823019 |
|  TIMACS (2009) | .75926113 .52309221 1.1020571 |
|  SCIANBASI (2010) | .78109908 .61330312 .99480301 |
|  Zhang et al. (2010)| .75079137 .58143425 .96947795 |
|  LIPSIA (2012) | .79050052 .61455804 1.0168138 |
|  ELISA3 (2013) | .7769208 .60831565 .99225783 |
|  Tekin et al. (2013)| .79770058 .62529463 1.0176421 |
|  Liu et al. (2015) | .80932331 .63390952 1.0332772 |
|  RIDDLE (2015) | .77520895 .60397732 .99498594 |
|  SISCA (2015) | .7845512 .61522216 1.0004851 |
|  OPTIMA (2016) | .77480245 .60516959 .99198443 |
| -------------------+---------------------------------------------- |
|  Combined | .78109909 .61330313 .994803 |
| ------------------------------------------------------------------ |

**Figure.2 Sensitivity analysis plot of myocardial infarction between early invasive strategy and delayed invasive strategy.**



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| --- |
| ------------------------------------------------------------------------------ |
|  Study omitted | Estimate [95% Conf. Interval] |
| -------------------+---------------------------------------------------------- |
|  ELISA (2003) | .80477506 .65464133 .98934007 |
|  ISAR-COOL (2003) | .84704918 .68541998 1.0467923 |
|  ABOARD (2009) | .77187347 .62559462 .95235574 |
|  TIMACS (2009) | .8134225 .62549585 1.0578107 |
|  Zhang et al. (2010)| .91350055 .7322166 1.1396672 |
|  LIPSIA (2012) | .71854192 .57809061 .89311683 |
|  ELISA3 (2013) | .80320793 .65417045 .98620015 |
|  Tekin et al. (2013)| .84956348 .69143987 1.043848 |
|  RIDDLE (2015) | .86799347 .70482671 1.0689331 |
|  SISCA (2015) | .85510558 .69604546 1.0505141 |
|  OPTIMA (2016) | .78568554 .63947612 .96532422 |
| -------------------+---------------------------------------------------------- |
|  Combined | .81942204 .66875533 1.0040331 |
| ------------------------------------------------------------------------------ |

**Figure.3 Sensitivity analysis plot of refractory ischemia between early invasive strategy and delayed invasive strategy.**



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| ------------------------------------------------------------------------------ |
|  Study omitted | Estimate [95% Conf. Interval] |
| -------------------+---------------------------------------------------------- |
|  ELISA (2003) | .47919366 .38227892 .60067809 |
|  ISAR-COOL (2003) | .47688022 .37594333 .60491765 |
|  ABOARD (2009) | .49001533 .38805777 .61876106 |
|  TIMACS (2009) | .55510974 .43841201 .70287049 |
|  Zhang et al. (2010)| .47073114 .37133151 .59673846 |
|  LIPSIA (2012) | .54793668 .43930626 .68342888 |
|  ELISA3 (2013) | .4935599 .39067519 .62353933 |
|  Liu et al. (2015) | .51637942 .41455698 .64321119 |
|  RIDDLE (2015) | .49805534 .39584336 .62665981 |
| -------------------+---------------------------------------------------------- |
|  Combined | .50275459 .40469901 .62456833 |
| ------------------------------------------------------------------------------ |

**Figure.4 Sensitivity analysis plot of major bleeding between early invasive strategy and delayed invasive strategy.**



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| ------------------------------------------------------------------------------ |
|  Study omitted | Estimate [95% Conf. Interval] |
| -------------------+---------------------------------------------------------- |
|  ELISA (2003) | .81082499 .6191324 1.0618685 |
|  ISAR-COOL (2003) | .78819335 .60463703 1.0274739 |
|  ABOARD (2009) | .8068381 .61741203 1.0543814 |
|  OPTIMA (2009) | .80229616 .61735719 1.0426365 |
|  TIMACS (2009) | .72629541 .51862431 1.0171237 |
|  Zhang et al. (2010)| .77870584 .60024655 1.0102229 |
|  LIPSIA (2012) | .7908532 .61040342 1.0246483 |
|  ELISA3 (2013) | .71007735 .52863741 .9537915 |
|  Liu et al. (2015) | .81884605 .63114542 1.0623683 |
|  RIDDLE (2015) | .80982172 .62417167 1.0506905 |
|  SISCA (2015) | .77661043 .59927207 1.0064274 |
| -------------------+---------------------------------------------------------- |
|  Combined | .78640021 .60792267 1.0172763 |
| ------------------------------------------------------------------------------ |

**Figure.5 Sensitivity analysis plot of repeated revascularization between early invasive strategy and delayed invasive strategy.**



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| ------------------------------------------------------------------------------ |
|  Study omitted | Estimate [95% Conf. Interval] |
| -------------------+---------------------------------------------------------- |
|  ABOARD (2009) | .87169498 .71114081 1.0684974 |
|  TIMACS (2009) | .6354447 .45903954 .87964094 |
|  Zhang et al. (2010)| .74620497 .59749424 .9319284 |
|  Liu et al. (2015) | .86297673 .70634586 1.0543401 |
|  SISCA (2015) | 1.0699259 .86480945 1.3236921 |
|  OPTIMA (2016) | .8702234 .71057284 1.065744 |
| -------------------+---------------------------------------------------------- |
|  Combined | .85878788 .70342925 1.0484588 |
| ------------------------------------------------------------------------------ |

**Figure.6 Sensitivity analysis plot of mortality rate between immediate invasive strategy and delayed invasive strategy.**



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| ------------------------------------------------------------------------------ |
|  Study omitted | Estimate [95% Conf. Interval] |
| -------------------+---------------------------------------------------------- |
|  ABOARD (2009) | .79779226 .45150962 1.4096543 |
|  LIPSIA (2012) | 1.1019492 .56207871 2.1603594 |
|  RIDDLE (2015) | .93511575 .49795425 1.7560679 |
|  OPTIMA (2016) | .91221285 .50440407 1.6497337 |
| -------------------+---------------------------------------------------------- |
|  Combined | .9177748 .54035943 1.5587969 |
| ------------------------------------------------------------------------------ |

**Figure.7 Sensitivity analysis plot of myocardial infarction between immediate invasive strategy and delayed invasive strategy.**



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| ------------------------------------------------------------------------------ |
|  Study omitted | Estimate [95% Conf. Interval] |
| -------------------+---------------------------------------------------------- |
|  ABOARD (2009) | 1.1608313 .74153483 1.8172165 |
|  LIPSIA (2012) | .93730509 .55437046 1.5847541 |
|  RIDDLE (2015) | 2.2840426 1.3986241 3.7299881 |
|  OPTIMA (2016) | 1.1663102 .77270949 1.7604021 |
| -------------------+---------------------------------------------------------- |
|  Combined | 1.3100028 .88119733 1.9474721 |
| ------------------------------------------------------------------------------ |

**Figure.8 Sensitivity analysis plot of refractory ischemia between immediate invasive strategy and delayed invasive strategy.**



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| --- |
| ------------------------------------------------------------------------------ |
|  Study omitted | Estimate [95% Conf. Interval] |
| -------------------+---------------------------------------------------------- |
|  ABOARD (2009) | .30595762 .16927694 .5529995 |
|  LIPSIA (2012) | .57160777 .3677049 .88858062 |
|  RIDDLE (2015) | .35744914 .20941542 .61012644 |
| -------------------+---------------------------------------------------------- |
|  Combined | .41916783 .27711845 .63403095 |
| ------------------------------------------------------------------------------ |

**Figure.9 Sensitivity analysis plot of major bleeding between immediate invasive strategy and delayed invasive strategy.**



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| ------------------------------------------------------------------------------ |
|  Study omitted | Estimate [95% Conf. Interval] |
| -------------------+---------------------------------------------------------- |
|  ABOARD (2009) | .36644575 .12812053 1.0480951 |
|  OPTIMA (2009) | .46222878 .20587599 1.037787 |
|  LIPSIA (2012) | .461133 .22092584 .96251142 |
|  RIDDLE (2015) | .53419703 .25129181 1.1355981 |
| -------------------+---------------------------------------------------------- |
|  Combined | .46412085 .22961656 .93812119 |
| ------------------------------------------------------------------------------ |

**Figure.10 Sensitivity analysis plot of repeated revascularization between immediate invasive strategy and delayed invasive strategy.**



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| --- |
| Study omitted | Estimate [95% Conf. Interval] |
| -------------------+---------------------------------------------------------- |
|  ABOARD (2009) | .56066179 .17408222 1.8057077 |
|  OPTIMA (2016) | .59289938 .21072577 1.6681857 |
| -------------------+---------------------------------------------------------- |
|  Combined | .57859216 .26657454 1.2558172 |
| ------------------------------------------------------------------------------ |

**Figure.11 Sensitivity analysis plot of major bleeding between immediate (<6h) invasive strategy and delayed invasive strategy.**



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| ------------------------------------------------------------------------------ |
|  Study omitted | Estimate [95% Conf. Interval] |
| -------------------+---------------------------------------------------------- |
|  ISAR-COOL (2003) | .52194667 .26906767 1.0124899 |
|  ABOARD (2009) | .578978 .28870824 1.1610875 |
|  OPTIMA (2009) | .60459834 .32755104 1.1159763 |
|  LIPSIA (2012) | .58196998 .32622284 1.0382137 |
|  RIDDLE (2015) | .64506733 .3574805 1.1640128 |
|  SISCA (2015) | .53086329 .29547206 .95378178 |
| -------------------+---------------------------------------------------------- |
|  Combined | .57687313 .32862172 1.0126616 |
| ------------------------------------------------------------------------------ |

TSA was done to evaluate the sample size and correct errors in the comparision assessing refractory ischemia between early (<24h) and delayed invasive therapy. The conventional boundary and TSA curve has been crossed, indicating that the cumulative evidence is conclusive. [Fig.1]



**Figure 12.** TSA plotfor the comparision assessing refractory ischemia between early (<24h) and delayed invasive therapy

TSA was done to evaluate the sample size and correct errors in the comparision assessing major bleeding between immediate (<2h) and delayed invasive therapy. The conventional boundary and TSA curve has been crossed, indicating that the cumulative evidence is conclusive. [Fig.2]



**Figure 13.** TSA plotfor the comparision assessing major bleeding between immediate (<2h) and delayed invasive therapy