KM raw FRET vs TRT

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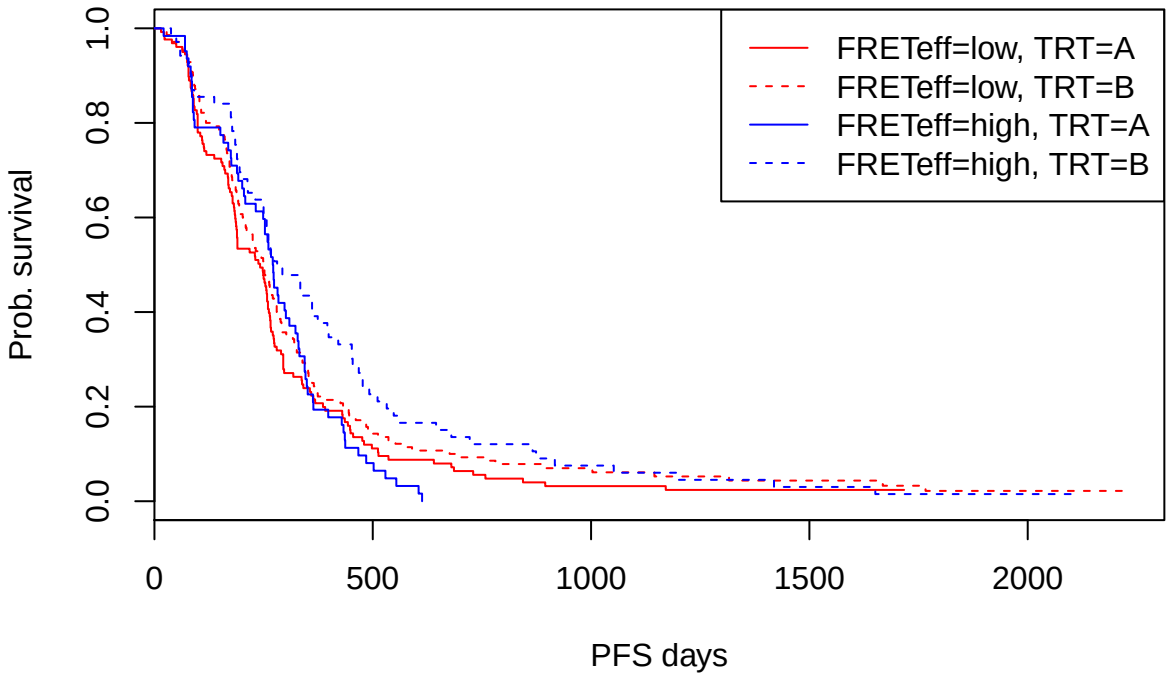
Plot KM curves split by raw FRET value and TRT.

```
load(file = "COIN_Final.Rdata")
```

Survival Curves split by TRT and FRET Eff

Split by Tertiles

Split FRET into tertiles with FRET high considered to be in the upper tertile (upper 66%-100% of data).

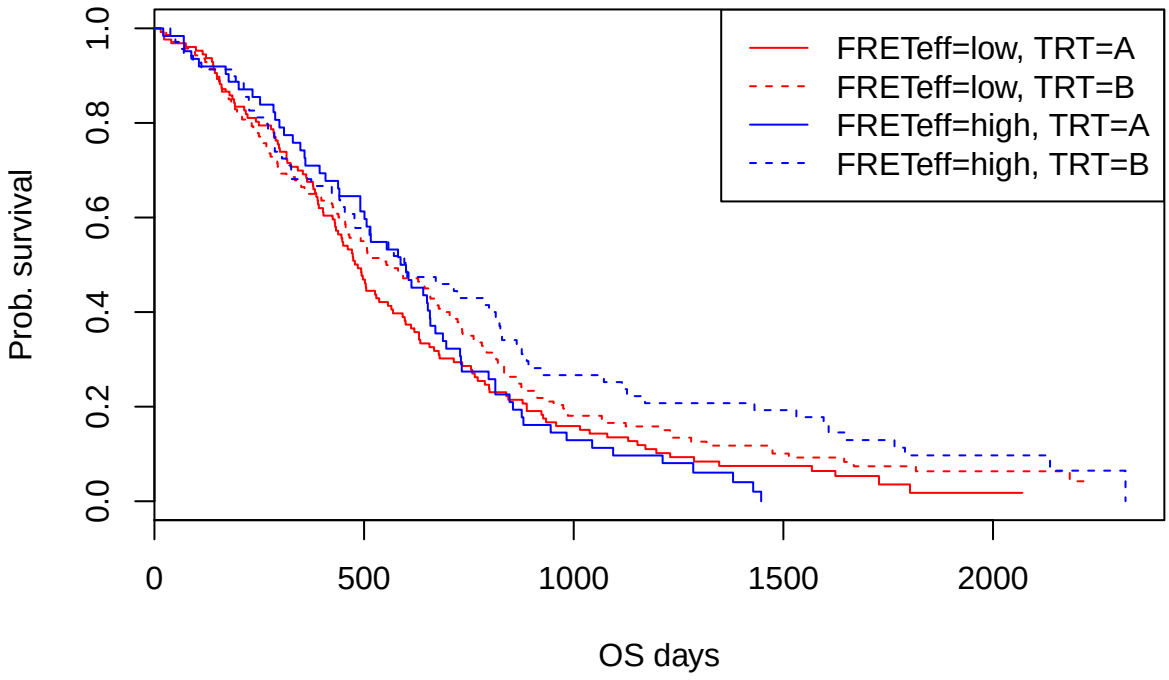



```
## Call: survfit(formula = SurvObj.pfs ~ FRETeff + TRT, data = data)
##
##    1232 observations deleted due to missingness
##                         n events median 0.95LCL 0.95UCL
## FRETeff=low, TRT=A    127    123    242     188     262
## FRETeff=low, TRT=B    140    135    251     211     280
## FRETeff=high, TRT=A    62     62    272     249     323
## FRETeff=high, TRT=B    69     67    281     255     396
```

```
## Call:
## survdiff(formula = SurvObj.pfs ~ FRETeff, data = data)
##
## n=398, 1232 observations deleted due to missingness.
##
##                N Observed Expected (O-E)^2/E (O-E)^2/V
## FRETeff=low  267      258      247     0.451      1.26
## FRETeff=high 131      129      140     0.799      1.26
##
##  Chisq= 1.3  on 1 degrees of freedom, p= 0.3
```

```
## Call:
## survdiff(formula = SurvObj.pfs[FRETeff == "low"] ~ TRT[FRETeff ==
##     "low"], data = data)
##
## n=267, 1232 observations deleted due to missingness.
##
##                            N Observed Expected (O-E)^2/E (O-E)^2/V
## TRT[FRETeff == "low"]=A 127      123      113     0.881      1.59
## TRT[FRETeff == "low"]=B 140      135      145     0.687      1.59
##
##  Chisq= 1.6  on 1 degrees of freedom, p= 0.2
```

```
## Call:
## survdiff(formula = SurvObj.pfs[FRETeff == "high"] ~ TRT[FRETeff ==
##     "high"], data = data)
##
## n=131, 1232 observations deleted due to missingness.
##
##                            N Observed Expected (O-E)^2/E (O-E)^2/V
## TRT[FRETeff == "high"]=A 62       62     47.5      4.42      7.67
## TRT[FRETeff == "high"]=B 69       67     81.5      2.58      7.67
##
##  Chisq= 7.7  on 1 degrees of freedom, p= 0.006
```




```
## Call: survfit(formula = SurvObj.os ~ FRETeff + TRT, data = data)
##
##    1232 observations deleted due to missingness
##                         n events median 0.95LCL 0.95UCL
## FRETeff=low, TRT=A   127    120    485     433     569
## FRETeff=low, TRT=B   140    129    554     458     678
## FRETeff=high, TRT=A   62     61    594     501     670
## FRETeff=high, TRT=B   69     63    601     477     825
```

```
## Call:
## survdiff(formula = SurvObj.os ~ FRETeff, data = data)
##
## n=398, 1232 observations deleted due to missingness.
##
##                 N Observed Expected (O-E)^2/E (O-E)^2/V
## FRETeff=low   267      249      240     0.342     0.967
## FRETeff=high 131      124      133     0.617     0.967
##
##  Chisq= 1  on 1 degrees of freedom, p= 0.3
```

```
## Call:
## survdiff(formula = SurvObj.os[FRETeff == "low"] ~ TRT[FRETeff ==
##     "low"], data = data)
##
## n=267, 1232 observations deleted due to missingness.
##
##                           N Observed Expected (O-E)^2/E (O-E)^2/V
```

```
## TRT[FRETeff == "low"]=A 127      120      110     0.868      1.58
## TRT[FRETeff == "low"]=B 140      129      139     0.689      1.58
##
##  Chisq= 1.6  on 1 degrees of freedom, p= 0.2
```

```
## Call:
## survdiff(formula = SurvObj.os[FRETeff == "high"] ~ TRT[FRETeff ==
##     "high"], data = data)
##
## n=131, 1232 observations deleted due to missingness.
##
##                            N Observed Expected (O-E)^2/E (O-E)^2/V
## TRT[FRETeff == "high"]=A 62       61     49.5      2.69      4.86
## TRT[FRETeff == "high"]=B 69       63     74.5      1.79      4.86
##
##  Chisq= 4.9  on 1 degrees of freedom, p= 0.03
```