# Replicate

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```
##
## Attaching package: 'dplyr'
## The following objects are masked from 'package:stats':
##
## filter, lag
## The following objects are masked from 'package:base':
##
## intersect, setdiff, setequal, union
```

#### Set-up

 $\mathrm{DLT}=15\%$ 

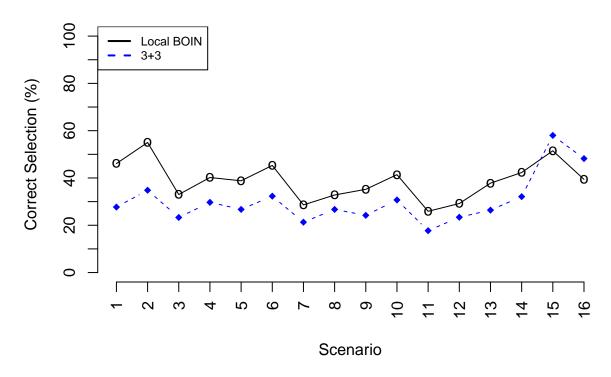
i. PCS

ii. Avg# of patients at MTD

DLT = 20%

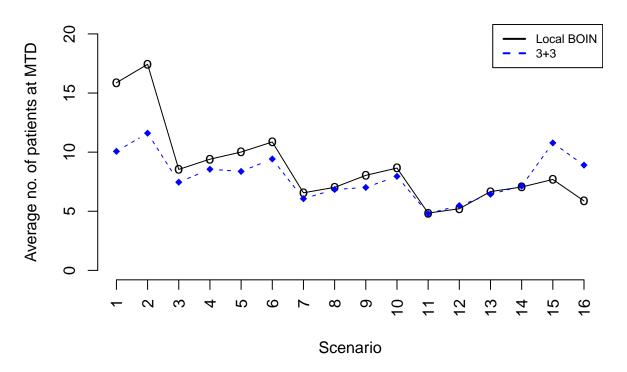
i. PCS

## Target DLT rate = 20%



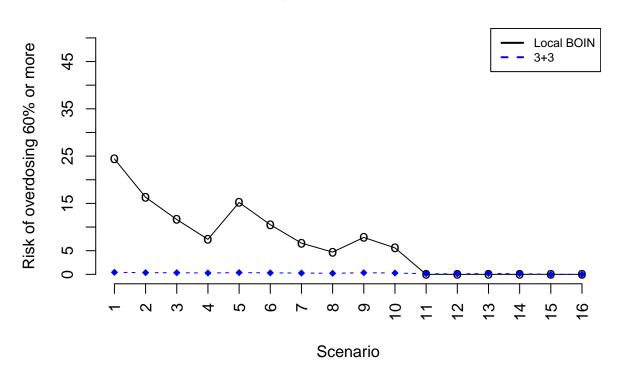
#### ii. Avg# of patients at MTD

### Target DLT rate = 20%



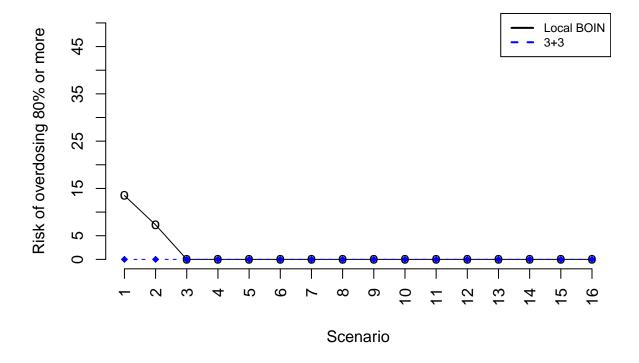
iii. Risk of overdosing 60% or more of patients

### Target DLT rate = 20%



iv. Risk of overdosing 80% or more of patients

Target DLT rate = 20%



$$DLT = 25\%$$

- i. PCS
- ii. Avg# of patients at MTD

$$DLT = 30\%$$

- i. PCS
- ii. Avg# of patients at MTD