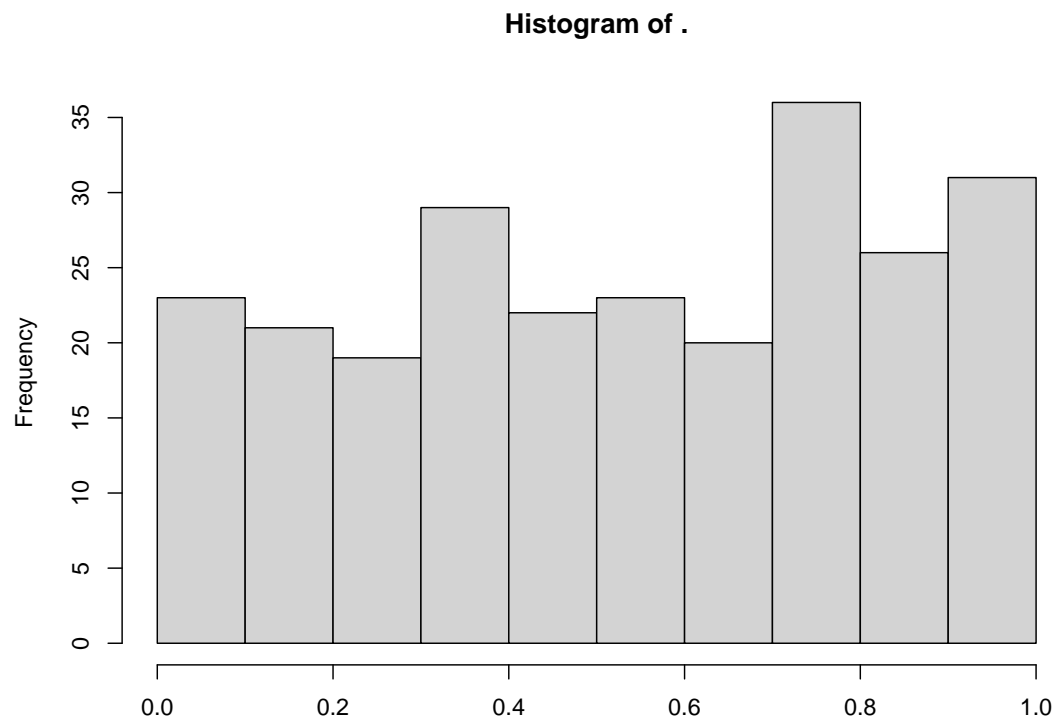


# 20201021-p8133\_probset5\_jsg2145

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10/21/2020



```
res = vector(mode = "list", length = 250)
ntox = 0
i = 1
j = 1
while (ntox < 2 && i %in% c(1:5) && j %in% 1:83) {
  for (k in (3*(j-1)+1):(3*(j-1)+3)) {
    ntox = if_else(pull(data, value)[[k]] < p[[i]], (ntox + 1), ntox)
    res = rbind(res, cbind(ntox, i, k))
  }
  if(ntox == 1) {
    for (k in (3*j+1):(3*j+3)) {
      ntox = if_else(pull(data, value)[[k]] < p[[i]], (ntox + 1), ntox)
      res = rbind(res, cbind(ntox, i, k))
    }
  }
}
```

```

    j = j + 1
  }
  ntox = 0
  i = i + 1
  j = j + 1
}
res

```

```

##      ntox i      k
## res NULL NULL NULL
##      1      1      1
##      1      1      2
##      1      1      3
##      1      1      4
##      1      1      5
##      1      1      6
##      0      2      7
##      0      2      8
##      1      2      9
##      1      2     10
##      1      2     11
##      1      2     12
##      0      3     13
##      0      3     14
##      0      3     15
##      0      4     16
##      0      4     17
##      0      4     18
##      0      5     19
##      1      5     20
##      2      5     21

```

The trial will continue until dose level 5, at which point it will reach the MTD in the first 3 participants.