Power Analysis

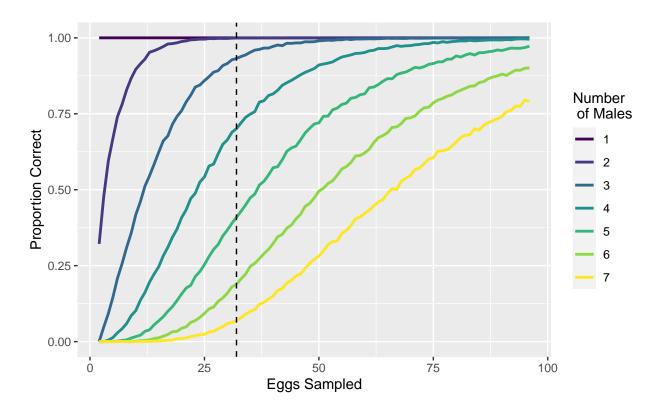
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Power analysis

Question 1: How many hatchlings should be sampled from a nest to robustly estimate the number of males that contributed to it?

assuming one dominant sire

[[1]]



```
##
## [[2]]
## Males 32
                   48
                         64
                                 80
## 1
        1 1.0000 1.0000 1.0000 1.0000 1.0000
## 2
        2 0.9994 1.0000 1.0000 1.0000 1.0000
## 3
       3 0.9320 0.9868 0.9978 0.9996 1.0000
## 4
       4 0.7009 0.8926 0.9645 0.9888 0.9956
       5 0.4092 0.7023 0.8572 0.9405 0.9722
## 5
     6 0.1890 0.4551 0.6783 0.8214 0.9012
## 6
## 7
      7 0.0691 0.2576 0.4675 0.6577 0.7914
```