SPA3 assignment 06
62 fails = [1,7,5,57,8,6,22,13,41,18,0,29,35,17,4,25,54,39,6,7]
J. sorted : [0,1,4,5,6,6,7,7,8,13,17,18,22,25,29,35,39,41,54,57]
different strategies to obtain an estimate of p
- mean  - mean  - it takes about 19 unsuccessful mails until  - it it takes about 19 unsuccessful mails until  - it takes about 19 unsuccessful mails until  - it it takes about 19 unsuccessful mails until  - it it takes about 19 unsuccessful mails until  - it it it is
- median
$\mu = \frac{13+17}{2} = 15$ $\Rightarrow \rho = \frac{1}{16} = 0.0625$
- 50': quanti) we start to count at 0
0,5.20=10, fails [9] = 13 -> p= 14 20,0714
All 3 strategies have their advantages and disadvantages.  Median and 50% quantil depend a lot on how the values are distributed.
Still all methods return a probability between 15% and ~7%, somewhere inbetween lies the truth.  Nevertheless the prof should really work on her responding behaviour!