MA 2 17.3.2014

x_i	n_i	$h_i = \frac{n_i}{N}$	H_i
1	20	0.20	0.20
2	25	0.25	0.45
3	10	0.10	0.55
4	2	0.02	0.57
5	8	0.08	0.65
6	5	0.05	0.70
7	0	0	0.70
8	30	0.30	1.00
$N=100$		$\Sigma = 1$	

$\sqrt{\times}$

$H(4 \le x_i < 7)$

$= h_4 + h_5 + h_6 =$

$= 0.15 = 15\,\%$

$= H_6 - H_3$

$H(x \le 6) \quad H(x \le 3)$

$= 0.15 = 15\,\%$

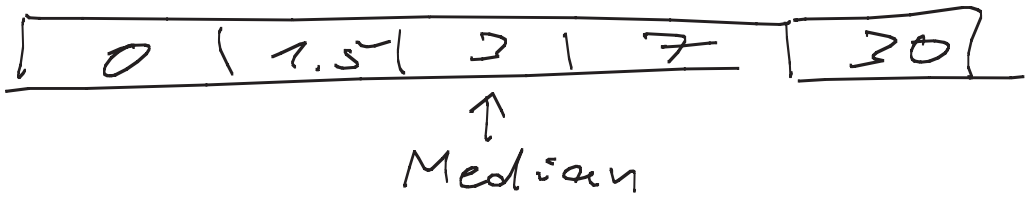
$H(2 < x_i \le 6)$

$= h_3 + h_4 + h_5 + h_6$

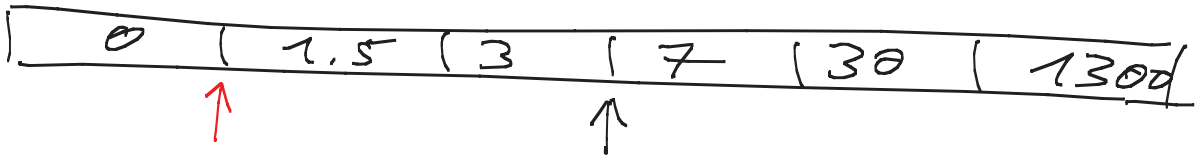
$= H_6 - H_2 = 0.25$

Bsp Median

$n = 5$



$n = 6$



p-Quantil