Beispiele des p-Wertes im Vergleich zum S-Wert

Surprisal value	Bits of information	$\mathbf{p = {}^{1}/_{2^{s}} = 2^{-s}}$	
$\mathbf{s}$		**as fraction**	**as decimal**
0	0 bits of information	${}^{1}/_{1}$	1
1	1 head on a toss of 1 coin	${}^{1}/_{2}$	0,5
2	2 heads on a toss of 3 coins	${}^{1}/_{4}$	0,25
3	3 heads on a toss of 3 coins	${}^{1}/_{8}$	0,125
4	4 heads on a toss of 4 coins	${}^{1}/_{16}$	0,0625
5	5 heads on a toss of 5 coins	${}^{1}/_{32}$	0,03125
6	6 heads on a toss of 6 coins	${}^{1}/_{64}$	0,015625
7	7 heads on a toss of 7 coins	${}^{1}/_{128}$	0,0078125
8	8 heads on a toss of 8 coins	${}^{1}/_{256}$	0,00390625
9	9 heads on a toss of 9 coins	${}^{1}/_{512}$	0,001953125
10	10 heads on a toss of 10 coins	${}^{1}/_{1.024}$	0,0009765625
20	20 heads on a toss of 20 coins	${}^{1}/_{104.8576}$	0,000000953674
25	25 heads on a toss of 25 coins	${}^{1}/_{33.554.432}$	0,000000029802322
50	50 heads on a toss of 50 coins	${}^{1}/_{1.125.899.906.842.620}$	0,0000000000000009