

	red	red
red	20	10
red	20	10

$$C_1 = 1, C_m^R = 1: 30$$

$$C_1 = 4, C_m^R = 1: 60$$

$$C_1 = 1, C_m^R = 4: 90$$

	red	red
red	8	2
red	28	10

$$\sim 30$$

$$< 36$$

$$\rightarrow 114$$

PRECALL

$\Delta = (+ - - | + + + - - - - -)$

$$\text{PRECALL}(1/4) = \frac{1 + 0 + \frac{1}{7} \cdot 2}{3} = \frac{1}{3}$$

$$\text{PRECALL}(2/4) = \frac{2}{2 + 2 + \frac{1}{3} \cdot 7} = \frac{2 \cdot 3}{12 + 7} \approx 0.28$$

$$\text{PRECALL}(3/4) = \frac{3}{3 + 2 + \frac{2}{3} \cdot 7} \approx 0.305$$

$$\text{PRECALL}(4/4) = \frac{4}{4 + 2 + \frac{3}{3} \cdot 7} \approx 0.31$$

Monotonic \rightarrow

x	$1/4$	$2/4$	$3/4$	$4/4$
P	0.33	0.31	0.31	0.31

Erwartete Suchlänge

$$E = (+ - | + + + - - - - -)$$

1 rol. Dok. aus 1. Rang

$$E_{SLV} = \sum_{v=0}^2 v \cdot P(v)$$

Fall	v	P(v)	$\sum v \cdot P(v)$
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+ - -	0	1/3	0 · 1/3
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- + -	1	1/3	1 · 1/3
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- - +	2	1/3	2 · 1/3
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$$\left. \begin{array}{l} 0 \cdot 1/3 \\ 1 \cdot 1/3 \\ 2 \cdot 1/3 \end{array} \right\} = 1$$

(vergl. PRECALL: 2 ivrol. Dok in diesem Fall)