

1R 9.11.06

Notiztitel

09.11.2006

	rel	$\overline{\text{rel}}$
gef	20	10
$\overline{\text{gef}}$	20	$10^9$

	rel	$\overline{\text{rel}}$
gef	2	2
$\overline{\text{gef}}$	28	$10^9$

$$C_4^I = 1, C_m^R = 1: 30$$

~

$$30$$

$$C_4^I = 4, C_m^R = 1: 60$$

<

$$36$$

$$C_9^I = 1, C_m^R = 4: 90$$

>

$$114$$

# PRECALL

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

$$\text{PRECALL}(1/4) = \frac{1}{1+0+\frac{1}{1}\cdot 2} = \frac{1}{3} \approx 0,33$$

$$\text{PRECALL}(2/4) = \frac{2}{2+2+\frac{1}{3}\cdot 7} = \frac{2\cdot 3}{12+7} \approx 0,28$$

$$\text{PRECALL}(3/4) = \frac{3}{3+2+\frac{2}{3}\cdot 7} = \frac{3\cdot 3}{15+14} \approx 0,305$$

$$\text{PRECALL}(4/4) = \frac{4}{4+2+\frac{3}{3}\cdot 7} = \frac{4}{13} \approx 0,31$$

Monotonie  $\rightarrow$

$r$	1/4	2/4	3/4	4/4
$p$	0,33	<u>0,31</u>	<u>0,31</u>	0,31

## Erwartete Suchlänge

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

1 relevantes Dok. aus 1. Rang

$$ES|_{NR} = \sum_{v=0}^i v \cdot P(v)$$

Fall	$v$	$P(v)$	$v \cdot P(v)$	$\sum v \cdot P(v)$
+   - -	0	$1/3$	$0 \cdot 1/3$	} = 1
- +   -	1	$1/3$	$1 \cdot 1/3$	
- - +	2	$1/3$	$2 \cdot 1/3$	

(vergl. DECALL: 2 irrel. Dok. in diesem Fall)