



$$\begin{aligned}
 & \frac{1}{n} \sum_{i=1}^n (R_i - 1)^2 \\
 &= \frac{1}{n} \sum_{i=1}^n (R_i^2 - 2R_i + 1) \\
 &= \frac{1}{n} \left( \sum_{i=1}^n R_i^2 - 2 \sum_{i=1}^n R_i + \sum_{i=1}^n 1 \right) \\
 &= \frac{1}{n} \left( \sum_{i=1}^n R_i^2 - 2 \sum_{i=1}^n R_i + n \right)
 \end{aligned}$$

**2017**

R		
R 8%	-	-
8% R 6%	10	941,320.77
6% R 4%	30	3,723,034.55
4% R 2%	11	93,937.83
2% R 0%	1	11,952.23
R<0%	-	-
	52	4,770,245.38

1. 2017 1 1

2.

R

3.

5-6