一下文章是对两种方法的对比研究以及评价。

**对RT的评价：**

1The art of software testing

Myers states, ”Probably the poorest methodology of all is random-input testing ”.

3An evaluation of random testing

Random testing can be cost effective for many program and discover some relatively subtle errors without a great deal of effort

**对PT的评价**

5 Analyzing partition testing stragegies

We have shown analytically that partition testing can be an  
excellent testing strategy or a poor one. In particular, we have  
shown that it depends largely on how the inputs that produce  
an incorrect output are concentrated within the subdomains  
defined by the partition.

2Partition testing does not inspire confidence

improve the negative results published about

partition testing

对RT以及PT效率的研究：

比较RT以及PT

4 A more general sufficient condition for partition testing to be better than testing

Chen: Partition testing performs better if the sampling rates are higher for partitions with higher failure rates.

6 on some reliability estimation problems in random and partition testing

Tsoukalas et al. held that PT is more Attractive than RT in terms of upper confidence bounds for the cost weighted performance, which represents worst-case situations.

7 partition testing vs random testing

under uncertainty, partition testing compares more favorably to random testing

10 comparing partition testing and random testing via majorization and Schur functions

Bonland et al. partition testing is superior to random testing through the technique of majorization and the concepts of Schur which enable them to derive general conditions