

# An Iterative Method For Outliers From a Set of Values

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## 0.1 Abstract

In any given set of widely varying values, there is bound to be unwanted noise. This algorithm aims to clean up that noise by remove outliers and output the resulting set.

## 0.2 Algorithm

Below is a pseudocode representation of the algorithm.

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### Algorithm 1 Method

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```

1: procedure FINDMEDIAN(values)
2:    $t \leftarrow$  Total iterations
3:    $i \leftarrow 0$  : Current iterations
4:    $\Theta \leftarrow$  Outlier sensitivity
5:    $sum \leftarrow 0$ 
6:    $mean \leftarrow 0$ 
7:   while  $i < t$  do
8:      $i \leftarrow i + 1$ 

```

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