# Package 'VIMean'

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Title Variability Independent of Mean
Version 0.1.0
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<b>Description</b> To computed the variability independent of mean (VIM) or variation independent of mean (VIM). The methodology can be found at Peter M Rothwell et al. (2010) <doi:10.1016 s1474-4422(10)70067-3="">.</doi:10.1016>
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#### **Arguments**

data a width type data frame

id the name of variable indicating the subjects, e.g., "ID"

repeat.vars the name of variables indicating the repeated measurement data, e.g., c("x1","x2","x3")

#### Value

```
vim the VIM of each subject

coef the coefficients fitted from the regression of "sntd ~ k*avg^p"

r.squared,adj.r.squared

the r-squared and adjusted r-squared of the regression
```

### **Examples**

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