

# QCA Sufficiency Inclusion Score Simulation

## Description

Returns QCA results for a given minimum frequency threshold across an arbitrarily large set of sufficiency inclusion scores

## Usage

```
QCA.sim.inclcut(data, outcome, conditions=NULL,  
               min.incl.cut, max.incl.cut, n.cut, reps, ...)
```

## Arguments

<code>data</code>	an object of class 'data.frame'
<code>outcome</code>	a character string or column index indicating the outcome variable
<code>conditions</code>	optional character vector or vector of column indices indicating explanatory variables
<code>min.incl.cut</code>	numeric lower bound for sampling of sufficiency inclusion scores
<code>max.incl.cut</code>	numeric upper bound for sampling of sufficiency inclusion scores
<code>n.cut</code>	numeric minimum frequency threshold
<code>reps</code>	number of sufficiency inclusion score pairs to be sampled
<code>...</code>	optional arguments passed to <code>eqmcc()</code>

## Value

A data frame containing combinations of sufficiency inclusion scores and QCA solutions

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## Examples

```
protest.data<-read.csv(file="http://philhoward.org/wp-content/  
  uploads/2012/11/International-Studies-Review-Replication-Data.csv")  
protest.data<-protest.data[,!colnames(protest.data)]  
  
QCA.sim.inclcut(data=protest.data, outcome="success",  
               min.incl.cut=0, max.incl.cut=1, n.cut=1, reps=100)  
  
QCA.sim.inclcut(data=protest.data, outcome="success",  
               conditions=c("mobile", "fuel"), min.incl.cut=0,
```

```
max.incl.cut=1, n.cut=1, reps=100)
```