Package 'KleynSTAT344'

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Title EM Algorithm for tw	vo component Poisson	mixture	
Version 0.1			
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Description EM Algorithm	m for two component I	Poisson mixture	
Depends R (>= 3.0.2)			
License GPL-2			
LazyData true			
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KleynSTAT344	An R package for f ture distribution	fitting a two-component zero truncated Poisson n	ıix-
Description			
This package uses an imixture distribution	EM algorithm to fit dis	screte data to a two-component zero truncated Po	oissor
Details			
	Package: Version: Date: License: Lazyload:	KleynSTAT344 1.0 2014-6-12 GPL-2 yles	

2 **MLE**estimate

MLEestimate(x)

MLEestimate EM Algorithm for two component zero truncated Poisson mixture distribution

Description

Takes a vector of positive integers x and fits to a two component zero truncated Poisson mixture distribution

Usage

```
MLEestimate(x, eta = 1e-18)
```

Arguments

A vector of positive integers Χ The threshold value for iterations. eta

Value

lambda1_est The Poisson mean parameter for the first component lambda2_est The Poisson mean parameter for the second component p The weight for the first component of the mixture

Examples

```
x<-c(1:10)
MLEestimate(x)
```

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