

## 5 topics experiment results:

### #Equinox

`mean(equinox.loc)`

`[1] 0.5140165`

`mean(equinox.topics)`

`[1] 0.5118323`

### #JDT

`mean(jdt.loc)`

`[1] 0.3996123`

`mean(jdt.topics)`

`[1] 0.3846667`

### #Mylyn

`mean(mylyn.loc)`

`[1] 0.3028698`

`mean(mylyn.topics)`

`[1] 0.2658738`

### #Lucene

`mean(lucene.loc)`

`[1] 0.1559653`

`mean(lucene.topics)`

`[1] 0.2704501`

### #PDE

`mean(pde.loc)`

`[1] 0.2735657`

`mean(pde.topics)`

`[1] 0.303025`

### #ALL

`all.loc=c(equinox.loc,jdt.loc,mylyn.loc,lucene.loc,pde.loc)`

`mean(all.loc)`

`[1] 0.3292059`

`all.topics=c(equinox.topics,jdt.topics,mylyn.topics,lucene.topics,pde.topics)`

`mean(all.topics)`

`[1] 0.3471696`

### NOTE:

The topic metrics provide better accuracy than LOC in only two datasets: Lucene and PDE

But combining all the datasets, we can say that the topic metrics provide better accuracy than LOC

## 10 topics experiment results:

### #Equinox

`mean(equinox.loc)`

[1] 0.5140165

`mean(equinox.topics)`

[1] 0.5294658

### #JDT

`mean(jdt.loc)`

[1] 0.3996123

`mean(jdt.topics)`

[1] 0.4098857

### #Mylyn

`mean(mylyn.loc)`

[1] 0.2953706

`mean(mylyn.topics)`

[1] 0.2892034

### #Lucene

`mean(lucene.loc)`

[1] 0.1559653

`mean(lucene.topics)`

[1] 0.2334616

### #PDE

`mean(pde.loc)`

[1] 0.2735657

`mean(pde.topics)`

[1] 0.3345188

### #all

`all.loc=c(equinox.loc,jdt.loc,mylyn.loc,lucene.loc,pde.loc)`

`mean(all.loc)`

[1] 0.3277061

`all.topics=c(equinox.topics,jdt.topics,mylyn.topics,lucene.topics,pde.topics)`

`mean(all.topics)`

[1] 0.3593071

**NOTE:**

**The topic metrics provide better accuracy than LOC in all the datasets except Mylyn.**

**Combining all the datasets, we can say that the topic metrics provide better accuracy than LOC.**