

Eine Karte der Gemeinden im Saarland

Jan-Philipp Kolb

9 Februar 2016

Datenquelle

Global Administrative Boundaries (GADM)

```
library("raster")
```

```
## Loading required package: sp
```

```
DEU4 <- getData('GADM', country='DEU', level=4)
```

Overview data

```
head(DEU4@data)
```

##	OBJECTID	ID_0	ISO	NAME_0	ID_1	NAME_1	ID_2
## 1	1	86	DEU	Germany	1	Baden-Württemberg	1
## 2	2	86	DEU	Germany	1	Baden-Württemberg	1
## 3	3	86	DEU	Germany	1	Baden-Württemberg	1
## 4	4	86	DEU	Germany	1	Baden-Württemberg	1
## 5	5	86	DEU	Germany	1	Baden-Württemberg	1
## 6	6	86	DEU	Germany	1	Baden-Württemberg	1
##	ID_3	NAME_3	ID_4	NAME_4	VARNAME_4	CCN_4	
## 1	1	Allmendingen	1	Allmendingen		NA	08
## 2	1	Allmendingen	2	Altheim		NA	08
## 3	2	Blaubeuren	3	Berghülen		NA	08
## 4	2	Blaubeuren	4	Blaubeuren		NA	08
## 5	3	Blaustein	5	Blaustein		NA	08
## 6	4	Dietenheim	6	Balzheim		NA	08
##	TYPE_4	ENGTYPE_4					
## 1	Gemeinde	Town					

Subselect

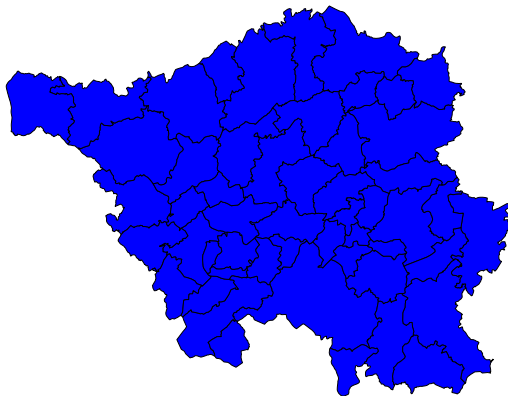
```
SAL <- DEU4[DEU4@data$ID_1==12,]
```

```
plot(SAL)
```



Karten mit Farbe

```
plot(SAL,col="blue")
```



Neue Variable erzeugen

```
SAL$Zufall <- runif(length(SAL))
```

Das Paket sp

```
library(sp)  
spplot(SAL, "Zufall")
```

