Eine Karte der Gemeinden im Saarland

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Datenquelle

Global Administrative Boundaries (GADM)

```
library("raster")

## Loading required package: sp

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

Overview data

##

head(DEU4@data)

| ## | 1 | | 1 | 86 | DEU | Germa | ny | 1 | Bader | n-Württe | embe | erg | | 1 |
|----|---|-------|--------|-------|------|----------|----|--------|----------------|----------|--------------|-----|----|----|
| ## | 2 | | 2 | 86 | DEU | Germa | ny | 1 | Bader | n-Württe | embe | erg | | 1 |
| ## | 3 | | 3 | 86 | DEU | Germa | ny | 1 | Bader | n-Württe | embe | erg | | 1 |
| ## | 4 | | 4 | 86 | DEU | Germa | ny | 1 | Bader | n-Württe | embe | erg | | 1 |
| ## | 5 | | 5 | 86 | DEU | Germa | ny | 1 | Bader | n-Württe | embe | erg | | 1 |
| ## | 6 | | 6 | 86 | DEU | Germa | ny | 1 | Bader | n-Württe | embe | erg | | 1 |
| ## | | ID_3 | | NAN | ſE_3 | ID_4 | | NI | AME_4 | VARNAME | ₹_4 | CCN | _4 | |
| ## | 1 | 1 | Allme | endir | igen | 1 | Al | lmend | ingen | | | | NA | 80 |
| ## | 2 | 1 | Allme | endir | igen | 2 | | Alt | theim | | | | NA | 80 |
| ## | 3 | 2 | Bla | aubeu | ıren | 3 | | Bergl | nülen | | | | NA | 80 |
| ## | 4 | 2 | Bla | aubeu | ıren | 4 | I | Blaube | euren | | | | NA | 80 |
| ## | 5 | 3 | В | laust | ein | 5 | | Blaus | stein | | | | NA | 80 |
| ## | 6 | 4 | Die | etenh | neim | 6 | | Balz | zheim | | | | NA | 80 |
| ## | | TYF | PE_4 I | ENGTY | PE_4 | <u>l</u> | | | | | | | | |
| ## | 1 | Gemei | inde | | Towr | 1 | | | ← □ → ← | 母▶∢臺▶⋄ | (<u>≣</u> → | 1 | 99 | .0 |

NAME_1 ID_2

OBJECTID ID_O ISO NAME_O ID_1

Subselect

SAL <- DEU4[DEU4@data\$ID_1==12,]</pre>

plot(SAL)



Karten mit Farbe

plot(SAL,col="blue")



Neue Variable erzeugen

```
SAL$Zufall <- runif(length(SAL))</pre>
```

Das Paket sp

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

