Aggregating

```
> names(africa)
[1] "country"  "region"   "gdp_2017" "pop_2017" "area"     "rail"     "road"
```

```
aggregate(africa[,-1:-2], by=list(africa$region),
          FUN=mean, na.rm=TRUE)
```

```
  Group.1     gdp_2017 pop_2017       area     rail      road
1 central  9331957724 17915179  734740.0 1555.750 35936.78
2    east  9932960738 23673746  374060.9 1496.100 33772.00
3   north 74937116604 38598350 1272041.2 3694.600 70666.33
4   south 46727283148 12770885  534566.0 6017.500 88313.80
5    west 14048650336 23284215  384133.1 1108.375 35786.48
```

Aggregating

```
aggregate(africa$pop_2017, by=list(africa$region),
          FUN=mean, na.rm=TRUE)
```

```
  Group.1        x
1 central 17915179
2    east 23673746
3   north 38598350
4   south 12770885
5    west 23284215
```