Multiple Regression Models II

More models with multiple predictors Prof. Dr. Jan Kirenz

Visualizing models with multiple predictors

Plot Code

Typical surface area

Plot Code

```
ggplot(data = pp, aes(x = Surface, fill = artistliving)) +
  geom_histogram(binwidth = 500) +
  facet_grid(artistliving ~ .) +
  scale_fill_manual(values = c("#E48957", "#071381")) +
  guides(fill = FALSE) +
  labs(x = "Surface area", y = NULL) +
  geom_vline(xintercept = 1000) +
  geom_vline(xintercept = 5000, linetype = "dashed", color = "gray")
```

Warning: Removed 176 rows containing non-finite values
(stat_bin).

Narrowing the scope

Plot Code

Facet to get a better look

Plot Code