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library(lattice)
show.settings()
names(trellis.par.get())

asp = read.table(file.path(pfadu, "asp.txt"))

hruch = read.table(file.path(pfadu, "hruch.txt"))
bwplot(VOT ~ Alter | Sequenz * Stadt, data = hruch, ylab = "Duration (ms)")

# Box-Farbe: box.rectangle
trellis.par.get("box.rectangle")
bwplot(VOT ~ Alter | Sequenz * Stadt, data = hruch, ylab = "Duration (ms)",
par.settings = list(box.rectangle = list(col = "green")))

# Box-Farbe: green, red
bwplot(VOT ~ Alter | Sequenz * Stadt, data = hruch, ylab = "Duration (ms)",
par.settings = list(box.rectangle = list(col = c("green", "red"))))

# Plotting symbol
bwplot(VOT ~ Alter | Sequenz * Stadt, data = hruch, ylab = "Duration (ms)",
par.settings = list(plot.symbol = list(cex = 1.5, col = "black")))

# Beide Zusammen
bwplot(VOT ~ Alter | Sequenz * Stadt, data = hruch, ylab = "Duration (ms)",
par.settings = list(plot.symbol = list(cex = 1.5, col = "black"),
box.rectangle = list(col = c("green", "red"))))

# Füll-Farbe
bwplot(VOT ~ Alter | Sequenz * Stadt, data = hruch, ylab = "Duration (ms)",
par.settings = list(plot.symbol = list(cex = 1.5, col = "black"),
box.rectangle = list(fill = c("green", "red"))))

# Median-Punkt
bwplot(VOT ~ Alter | Sequenz * Stadt, data = hruch, ylab = "Duration (ms)",
par.settings = list(plot.symbol = list(cex = 1.5, col = "black"),
box.dot = list(col = "slategray"),
box.rectangle = list(fill = c("green", "red"))))

# Whisker-Farbe
bwplot(VOT ~ Alter | Sequenz * Stadt, data = hruch, ylab = "Duration (ms)",
par.settings = list(plot.symbol = list(cex = 1.5, col = "black"),
box.dot = list(col = "slategray"),
box.umbrella = list(col= c("green", "red")),
box.rectangle = list(fill = c("green", "red"))))

# background strip
bwplot(VOT ~ Alter | Sequenz * Stadt, data = hruch, ylab = "Duration (ms)",
par.settings = list(plot.symbol = list(cex = 1.5, col = "black"),
box.dot = list(col = "slategray"),
box.umbrella = list(col= c("green", "red")),
strip.background = list(col = c("turquoise", "orange")),
box.rectangle = list(fill = c("green", "red"))))
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```
lat = read.table(file.path(pfadu, "lat.txt"))
tab = with(lat, table(Alter, Lateral))
prop = prop.table(tab, 1)
barchart(prop, auto.key=T, horizontal=F)
barchart(prop, auto.key=T, horizontal=F, par.settings = simpleTheme(col=c("black",
"gray"))))

# Different panels
bild1 = bwplot(VOT ~ Alter | Sequenz * Stadt, data = hruch, ylab = "Duration (ms)")
bild2 = barchart(prop, auto.key=T, horizontal=F, par.settings = simpleTheme(col=c
("black", "gray"))))
# split = col, row, ncol, nrow
print(bild1, split=c(1, 1, 2, 2), more=T)
print(bild2, split=c(2, 2, 2, 2))
```