

QLearningAnalysis

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```
Q_table <- read_csv("../../Q_table.csv")

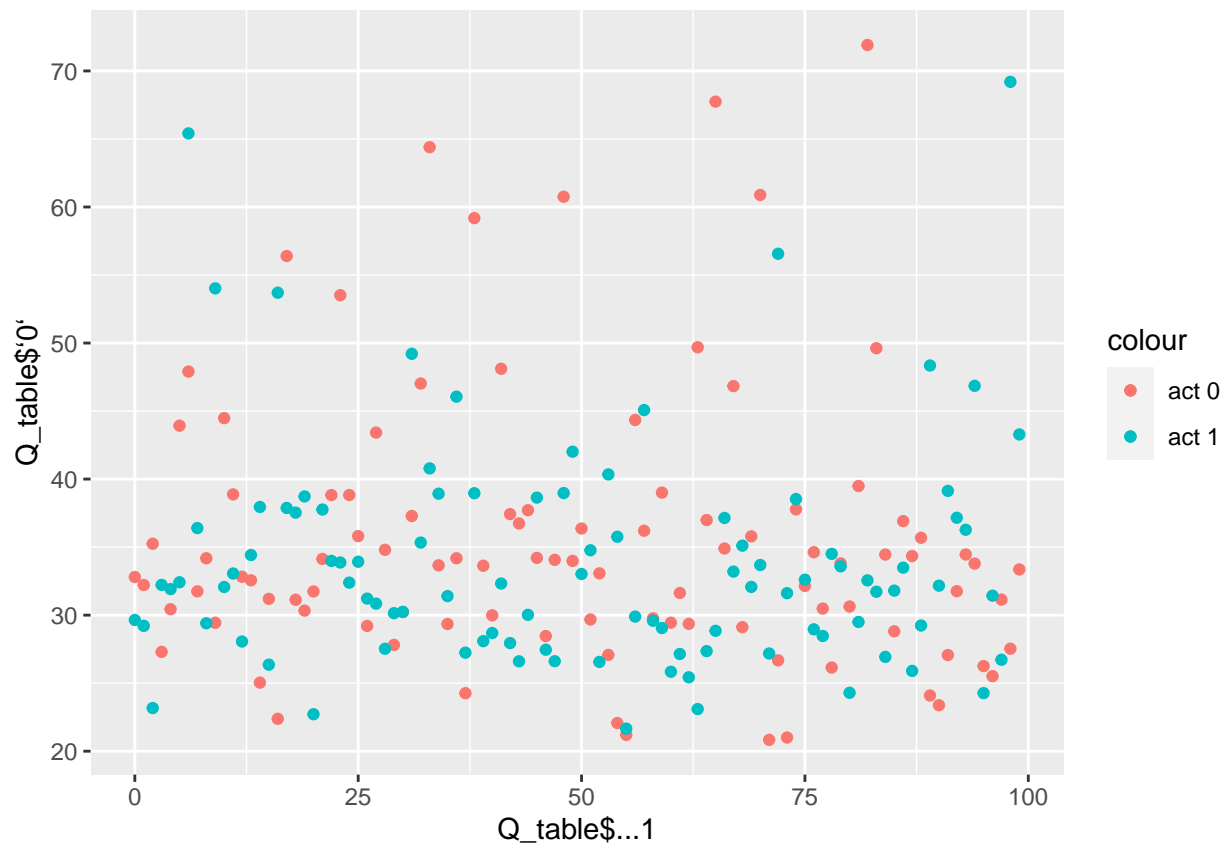
## New names:
## * `` -> ...1

## Rows: 100 Columns: 3
## -- Column specification -----
## Delimiter: ","
## dbl (3): ...1, 0, 1
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
#View(Q_table)

summary(Q_table)

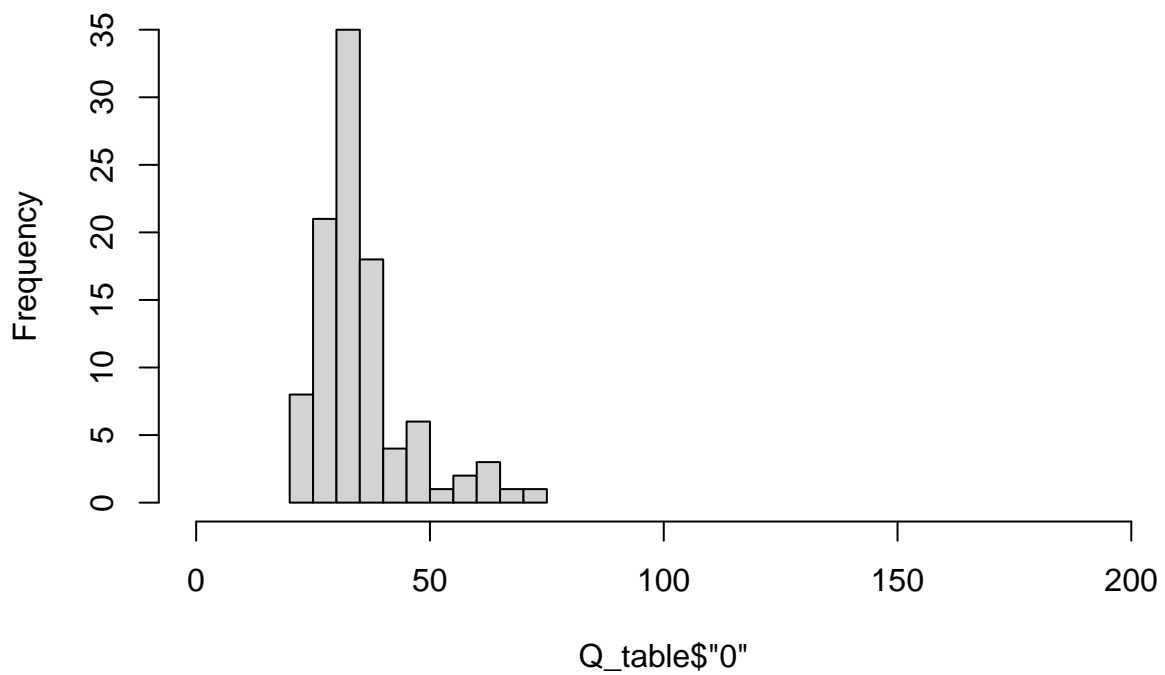
##           ...1           0           1
## Min.      : 0.00   Min.   :20.83   Min.   :21.66
## 1st Qu.:24.75   1st Qu.:29.44   1st Qu.:28.63
## Median :49.50   Median :33.73   Median :32.19
## Mean    :49.50   Mean    :35.48   Mean    :33.90
## 3rd Qu.:74.25   3rd Qu.:37.50   3rd Qu.:37.25
## Max.    :99.00   Max.    :71.91   Max.    :69.20

#plot(Q_table$...1, Q_table$`0`)
#plot(Q_table$...1, Q_table$`1`)
ggplot(Q_table, aes(x=Q_table$...1)) +
  geom_point(aes(y=Q_table$`0`, colour="act 0")) +
  geom_point(aes(y=Q_table$`1`, colour="act 1"))
```



```
hist(Q_table$"0", xlim = c(0,200))
```

Histogram of `Q_table$"0"`



```
hist(Q_table$"1", xlim = c(0,200))
```

Histogram of Q_table\$"1"

