Shiny

Øvelser i breakoutrooms

Øvelse
- fra rds

```
> colnames(classallSP)
 [1] "nname"                      [23] "secondary"
 [2] "shortName"                  [24] "x"
 [3] "middleName"                 [25] "y"
 [4] "height"                     [26] "team.id"
 [5] "weight"                     [27] "team.name"
 [6] "birthDate"                  [28] "team.formation"
 [7] "passportArea.id"            [29] "opponentTeam.id"
 [8] "passportArea.name"          [30] "opponentTeam.name"
 [9] "name.x"                     [31] "opponentTeam.formation"
[10] "code2"                      [32] "name.y"
[11] "code3"                      [33] "position"
[12] "foot"                       [34] "bodyPart"
[13] "currentTeamId"              [35] "isGoal"
[14] "currentNationalTeamId"      [36] "onTarget"
[15] "gender"                     [37] "goalZone"
[16] "status"                     [38] "xg"
[17] "imageDataURL"               [39] "postShotXg"
[18] "age"                        [40] "goalkeeperActionId"
[19] "bmi"                        [41] "goalkeeper.id"
[20] "matchPeriod"                [42] "goalkeeper.name"
[21] "matchTimestamp"             [43] "myang"
[22] "primary"                    [44] "mdist"
                                  [45] "ts"
```
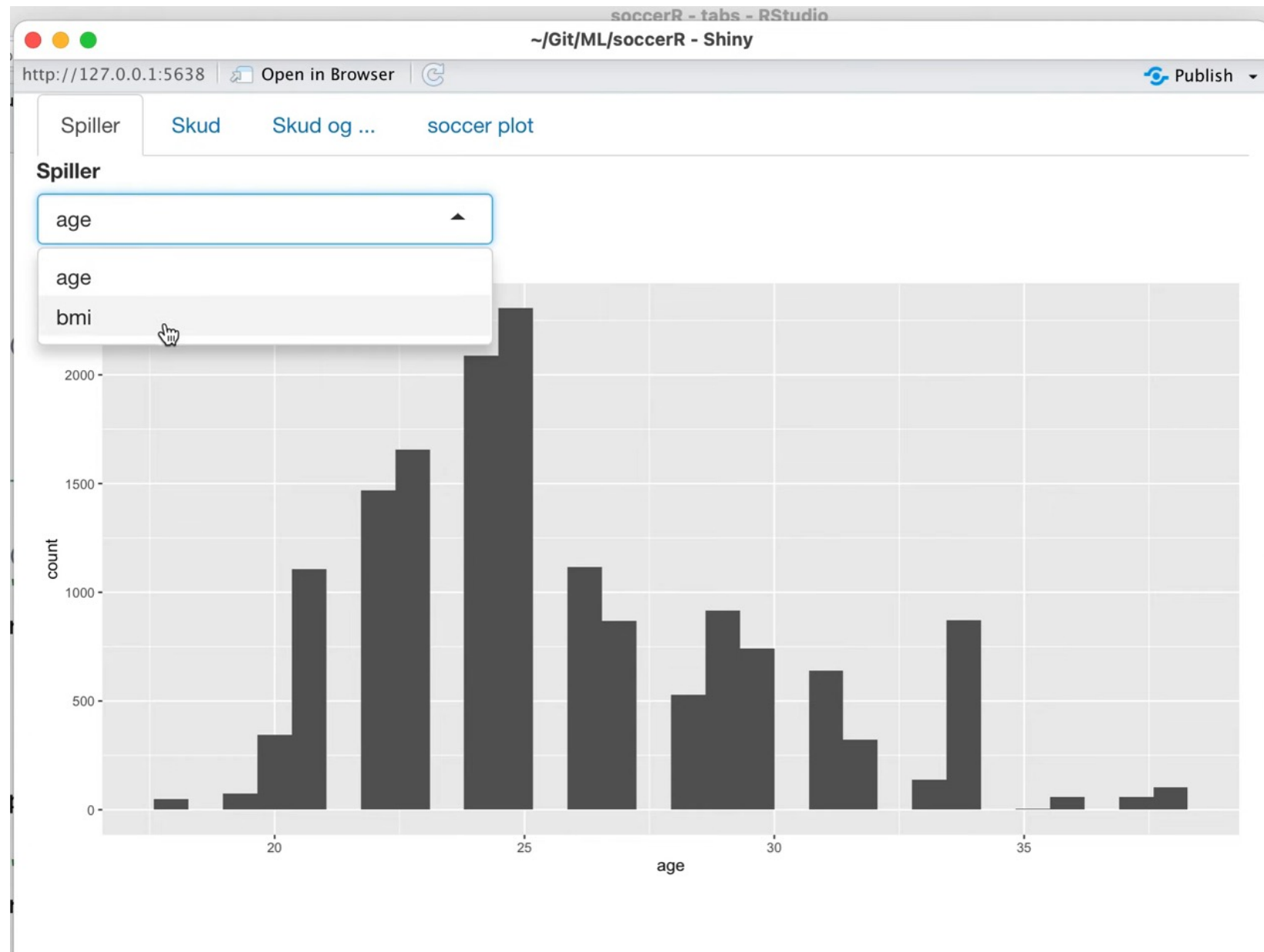
Øvelse

– allShotsAndPlayers

Hent alle skud fra mongo
og alle spillere.
Beregn BMI for spillere
Join til én dataframe

```
> colnames(allShotsDBandPlayer)
 [1] "_id"
 [2] "shortName"
 [3] "firstName"
 [4] "middleName"
 [5] "lastName"
 [6] "height"
 [7] "weight"
 [8] "birthDate"
 [9] "currentTeamId"
[10] "gender"
[11] "status"
[12] "imageDataURL"
[13] "foot"
[14] "currentNationalTeamId"
[15] "birthArea.id"
[16] "birthArea.alpha2code"
[17] "birthArea.alpha3code"
[18] "birthArea.name"
[19] "passportArea.id"
[20] "passportArea.alpha2code"
[21] "passportArea.alpha3code"
[22] "passportArea.name"
[23] "role.name"
[24] "role.code2"
[25] "role.code3"
[26] "_id.y"
[27] "matchId"
[28] "matchPeriod"
[29] "minute"
[30] "second"
[31] "matchTimestamp"
[32] "videoTimestamp"
[33] "type.primary"
[34] "type.secondary"
[35] "location.x"
[36] "location.y"
[37] "team.id"
[38] "team.name"
[39] "team.formation"
[40] "opponentTeam.id"
[41] "opponentTeam.name"
[42] "opponentTeam.formation"
[43] "player.name"
[44] "player.position"
[45] "shot.bodyPart"
[46] "shot.isGoal"
[47] "shot.onTarget"
[48] "shot.goalZone"
[49] "shot.xg"
[50] "shot.postShotXg"
[51] "shot.goalkeeperActionId"
[52] "shot.goalkeeper.id"
[53] "shot.goalkeeper.name"
[54] "possession.id"
[55] "possession.duration"
[56] "possession.types"
[57] "possession.eventsNumber"
[58] "possession.eventIndex"
[59] "possession.startLocation.x"
[60] "possession.startLocation.y"
[61] "possession.endLocation.x"
[62] "possession.endLocation.y"
[63] "possession.team.id"
[64] "possession.team.name"
[65] "possession.team.formation"
[66] "possession.attack.withShot"
[67] "possession.attack.withShotOnGoal"
[68] "possession.attack.withGoal"
[69] "possession.attack.flank"
[70] "possession.attack.xg"
```

SHINY
Øvelse
tab 1

SHINY Øvelse
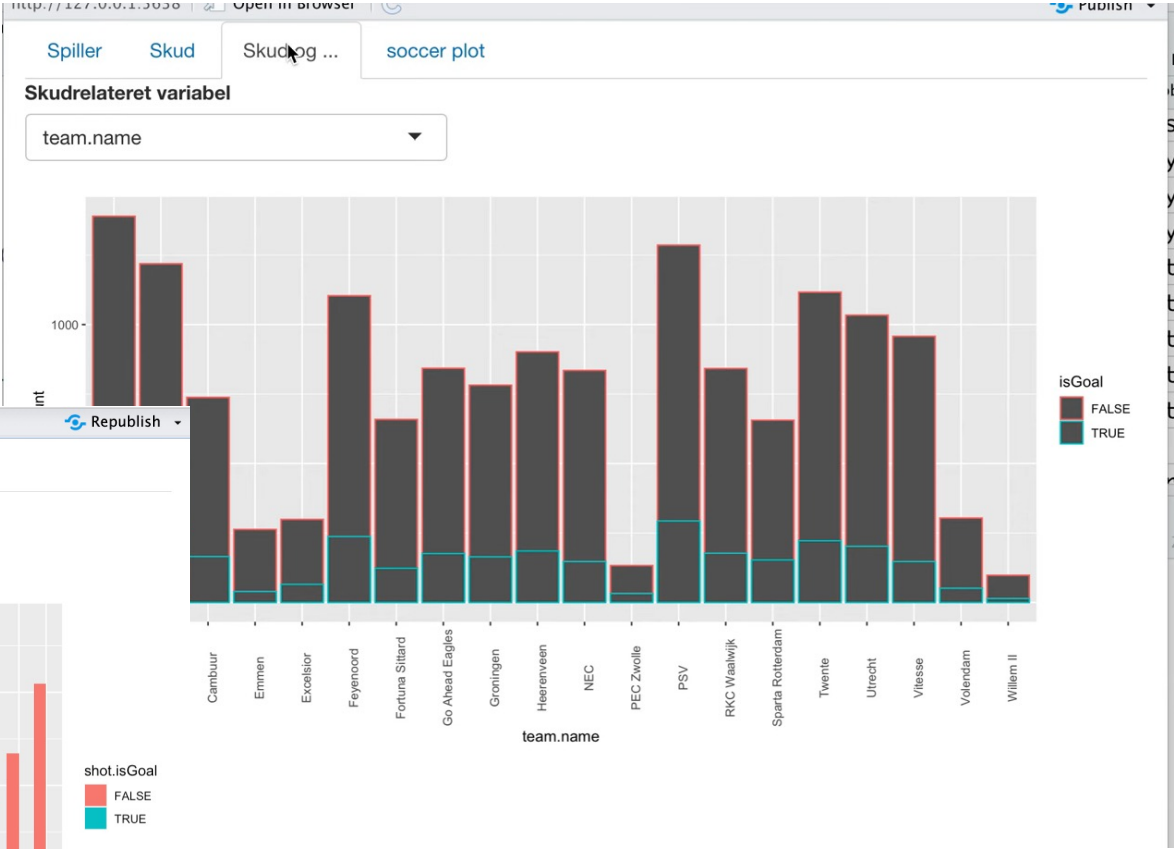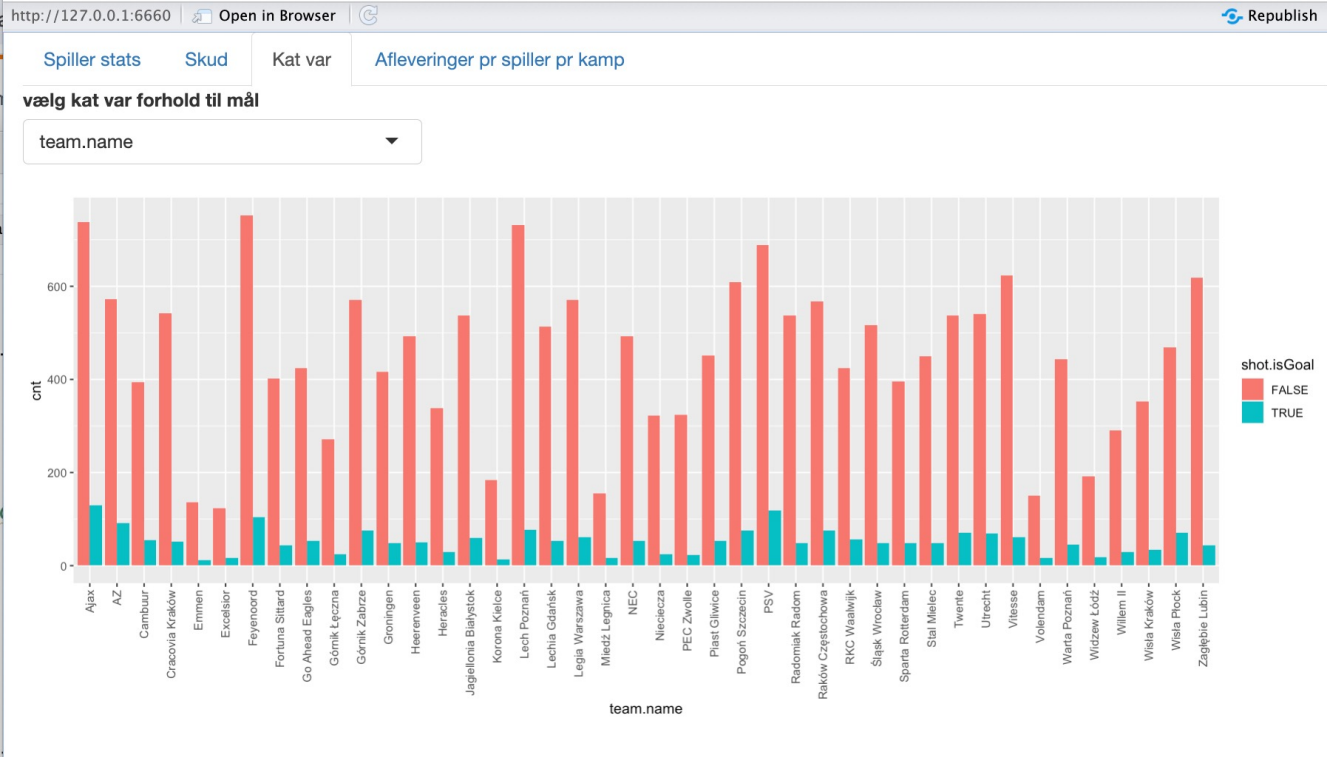
SHINY
Øvelse
tab 4

~/Git/ML/soccerR – Shiny

http://127.0.0.1:6660 | Open in Browser

Republish

Spiller stats   Skud   Kat var   Afleveringer pr spiller pr kamp

vælg spillernavn

Seymor

Lederman

Lahdo

Meijer

Bortniczuk

shot.isGoal

TRUE

Direction of play

Search:

	minute	team.name	opponentTeam.name	player.position
	94	Excelsior	Emmen	LCB

Previous   1   Next

Spiller stats   Målfarlighed med vinkel eller afstand   Målfarlighed for Hold eller position   Skud pr spiller
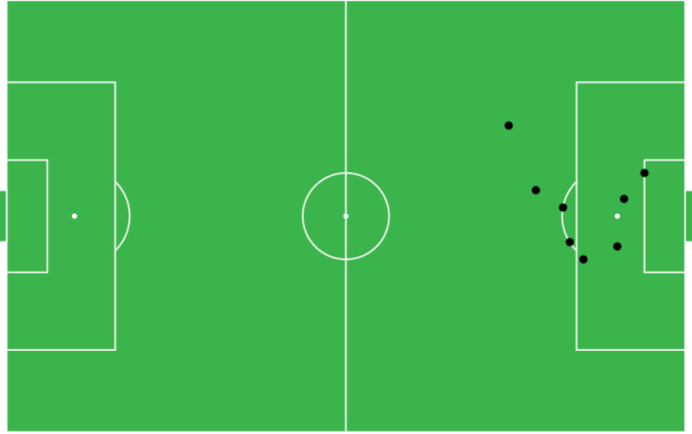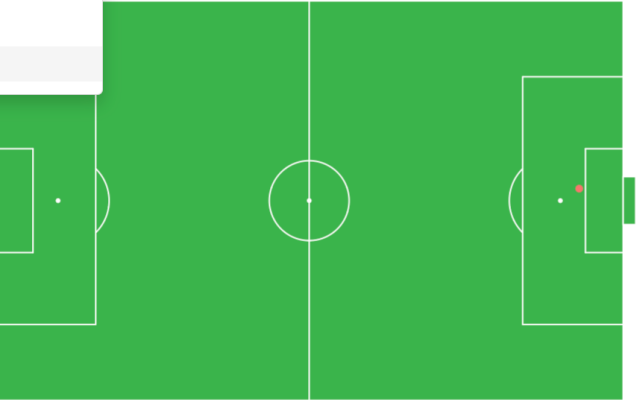
vælg spiller

Verner

Simple passmap Taylor
ggsoccer example

Direction of play

SHINY Øvelse tab 4

- Lav en dropdown med spillernavne
- Lav et soccerplot med spillerens skud
- Lav en tabel (DT) med stats som vist