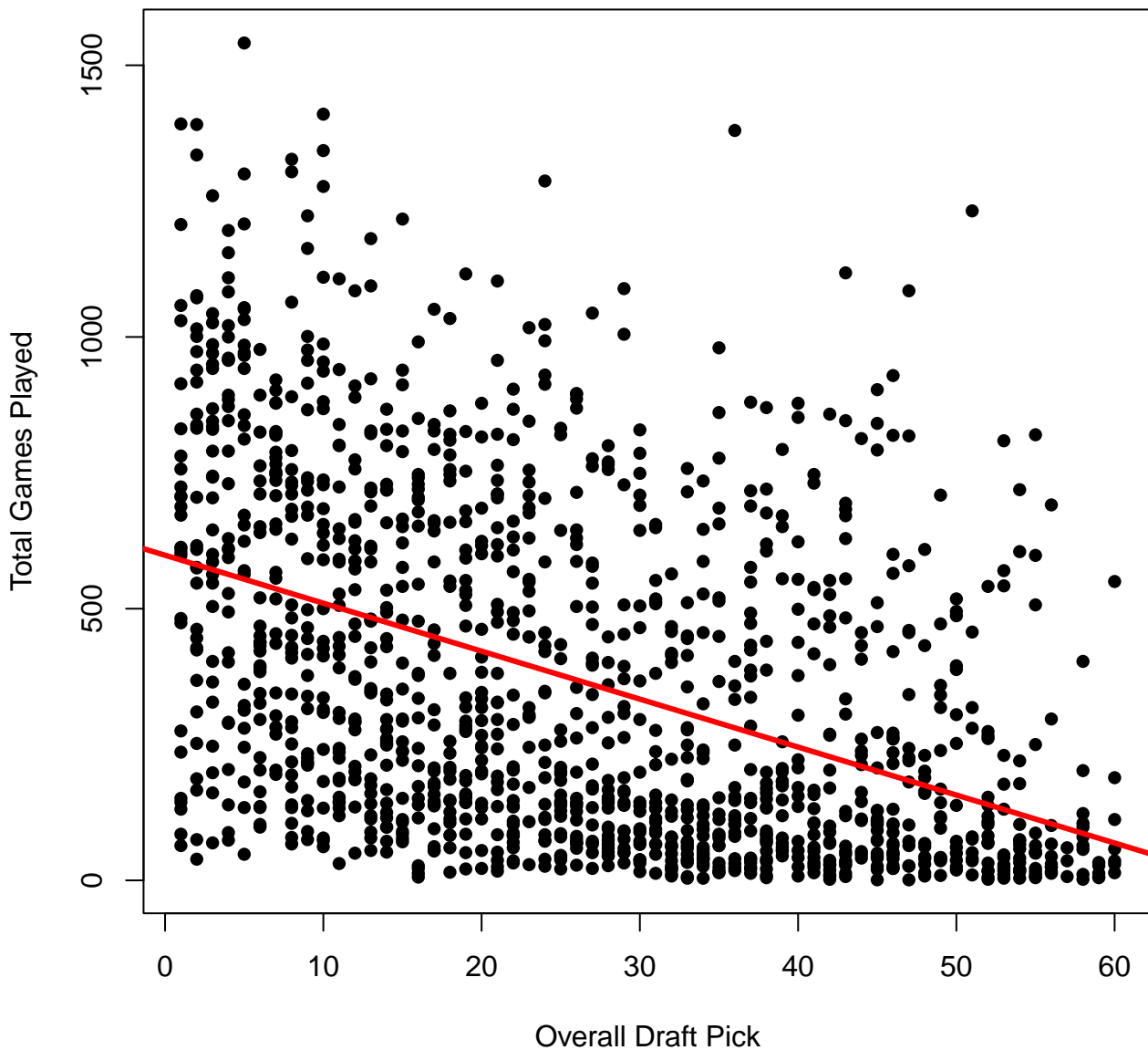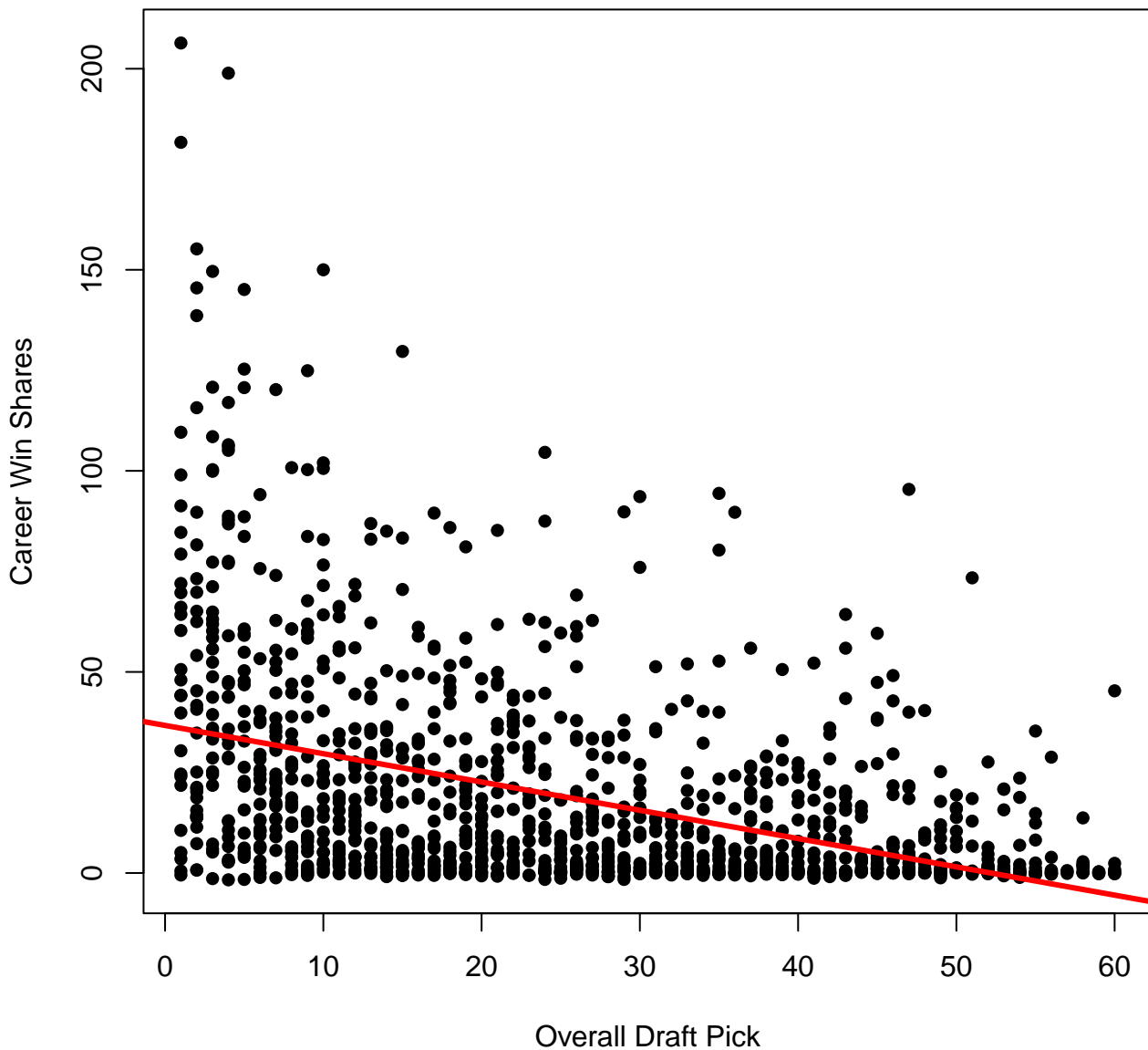**Draft Position vs Career Games Played**
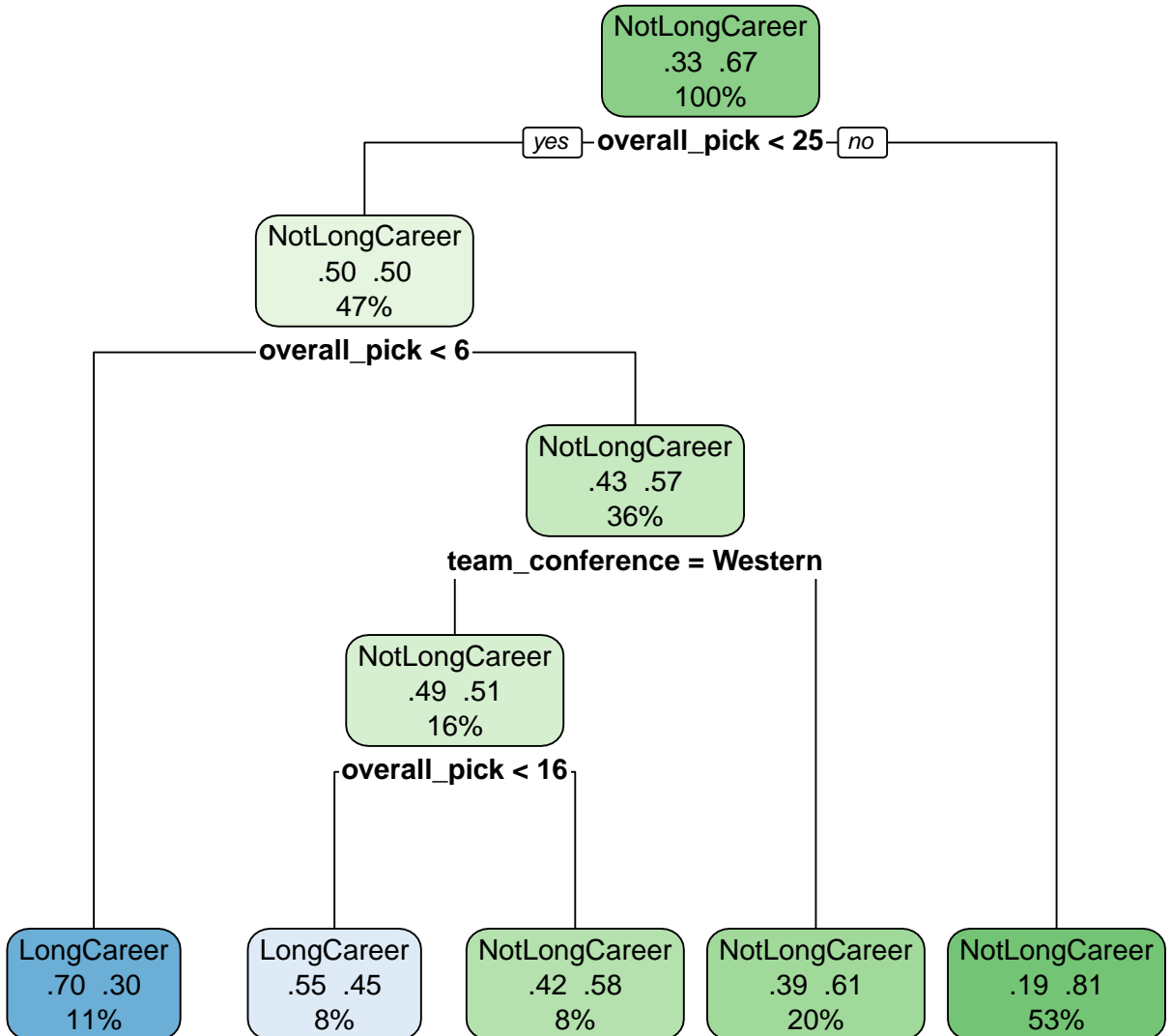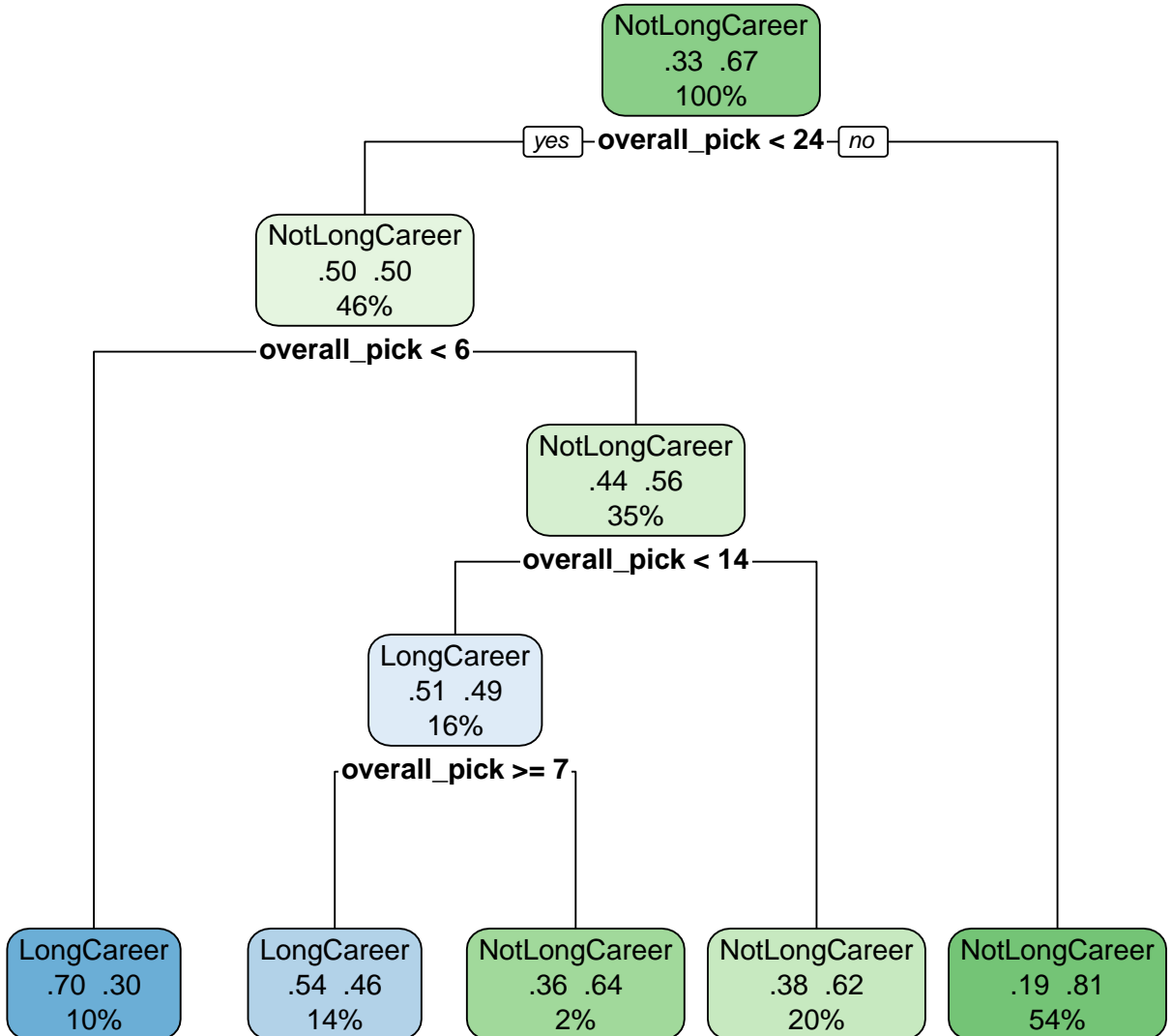
Draft Position vs Career Win Shares

Decision Tree #1: Long Careers vs. Not Long Careers

NotLongCareer
.33 .67
100%

yes — **overall_pick < 25** — no

NotLongCareer
.50 .50
47%

overall_pick < 6

NotLongCareer
.43 .57
36%

team_conference = Western

NotLongCareer
.49 .51
16%

overall_pick < 16

LongCareer
.70 .30
11%

LongCareer
.55 .45
8%

NotLongCareer
.42 .58
8%

NotLongCareer
.39 .61
20%

NotLongCareer
.19 .81
53%

Decision Tree #2: Long Careers vs. Not Long Careers

random_forest_70_30

overall_pick

pick_bucket

educational_prestige

team_conference

0   20   40   60   80   100

MeanDecreaseGini

random_forest_80_20

MeanDecreaseGini