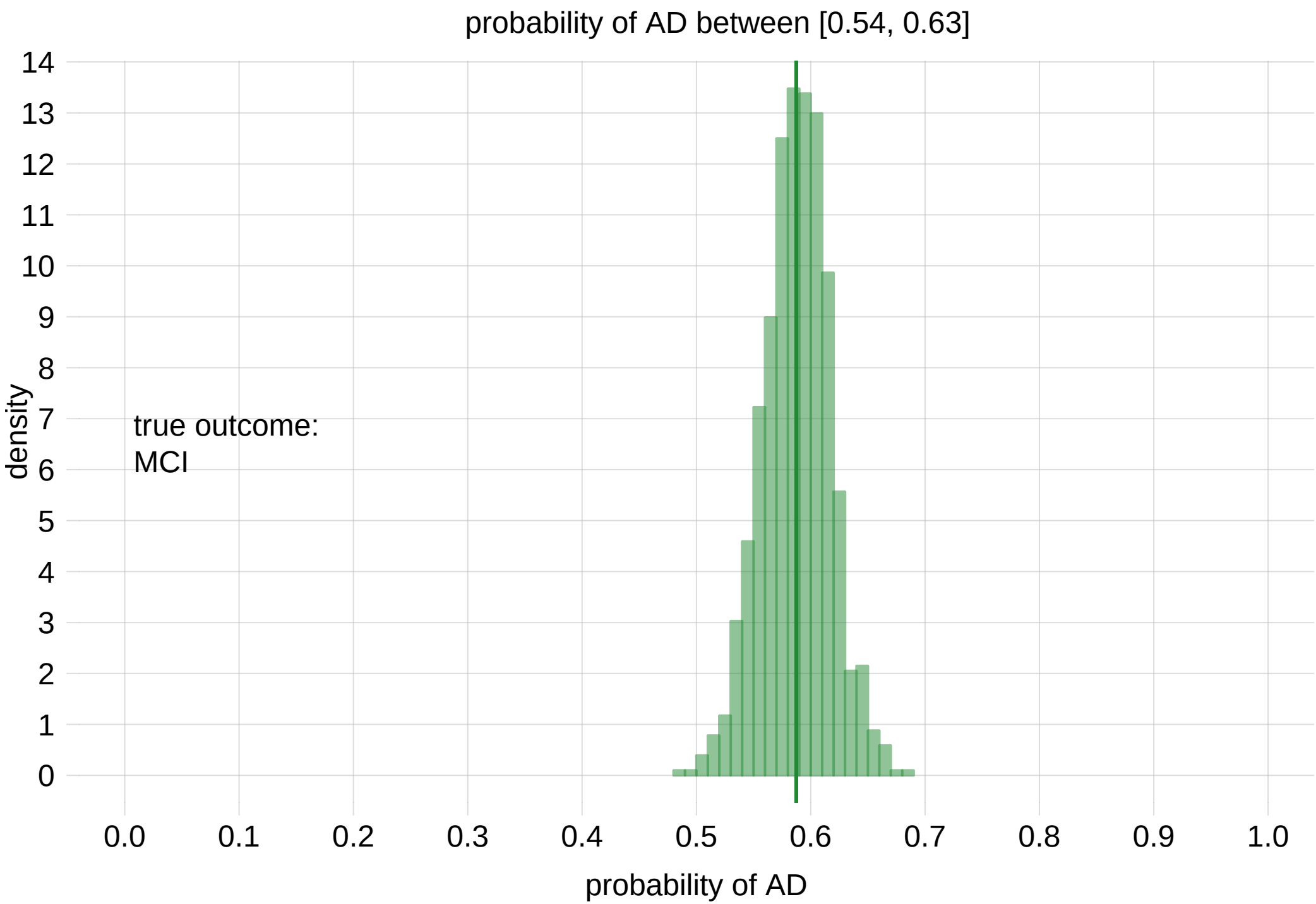
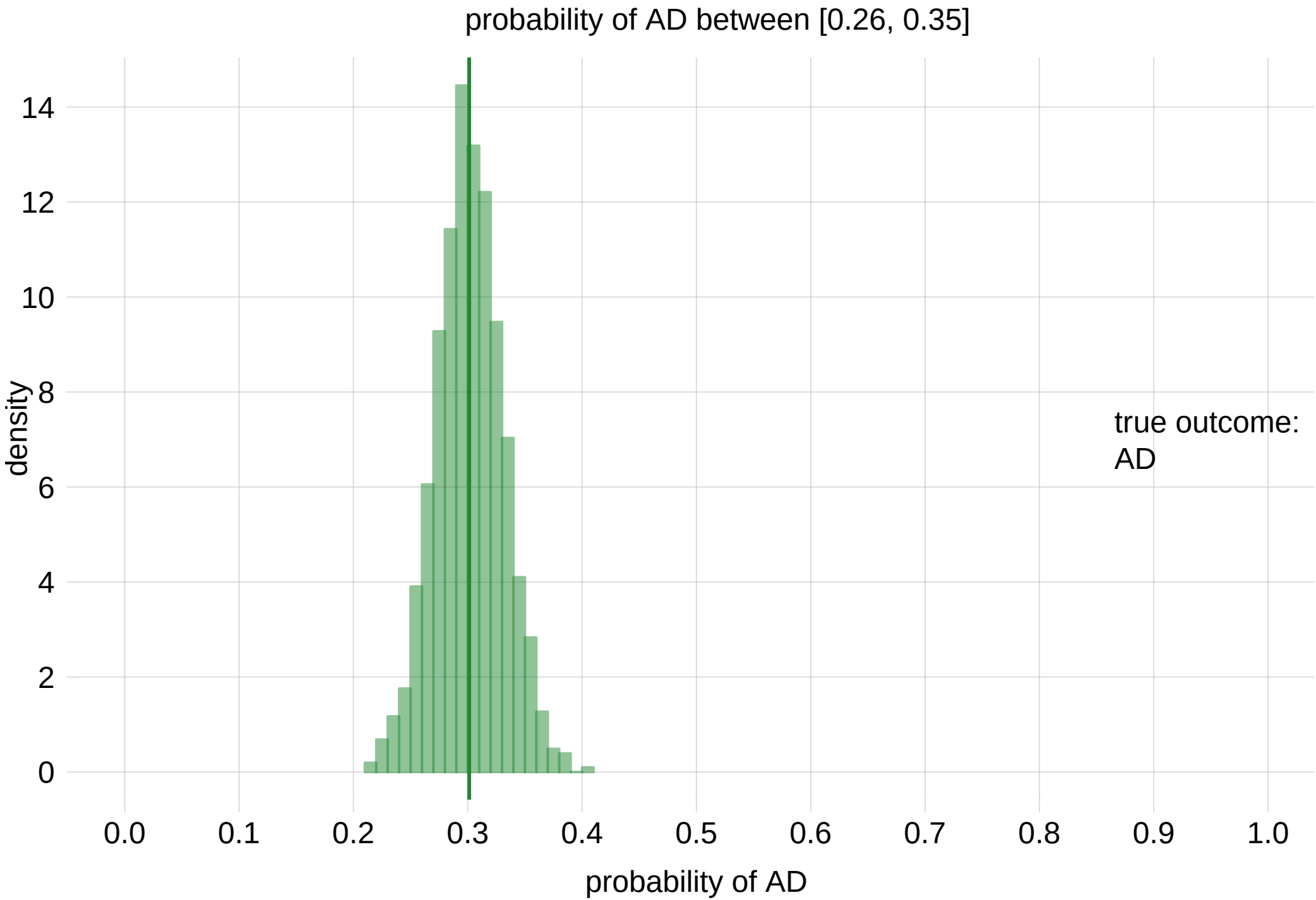
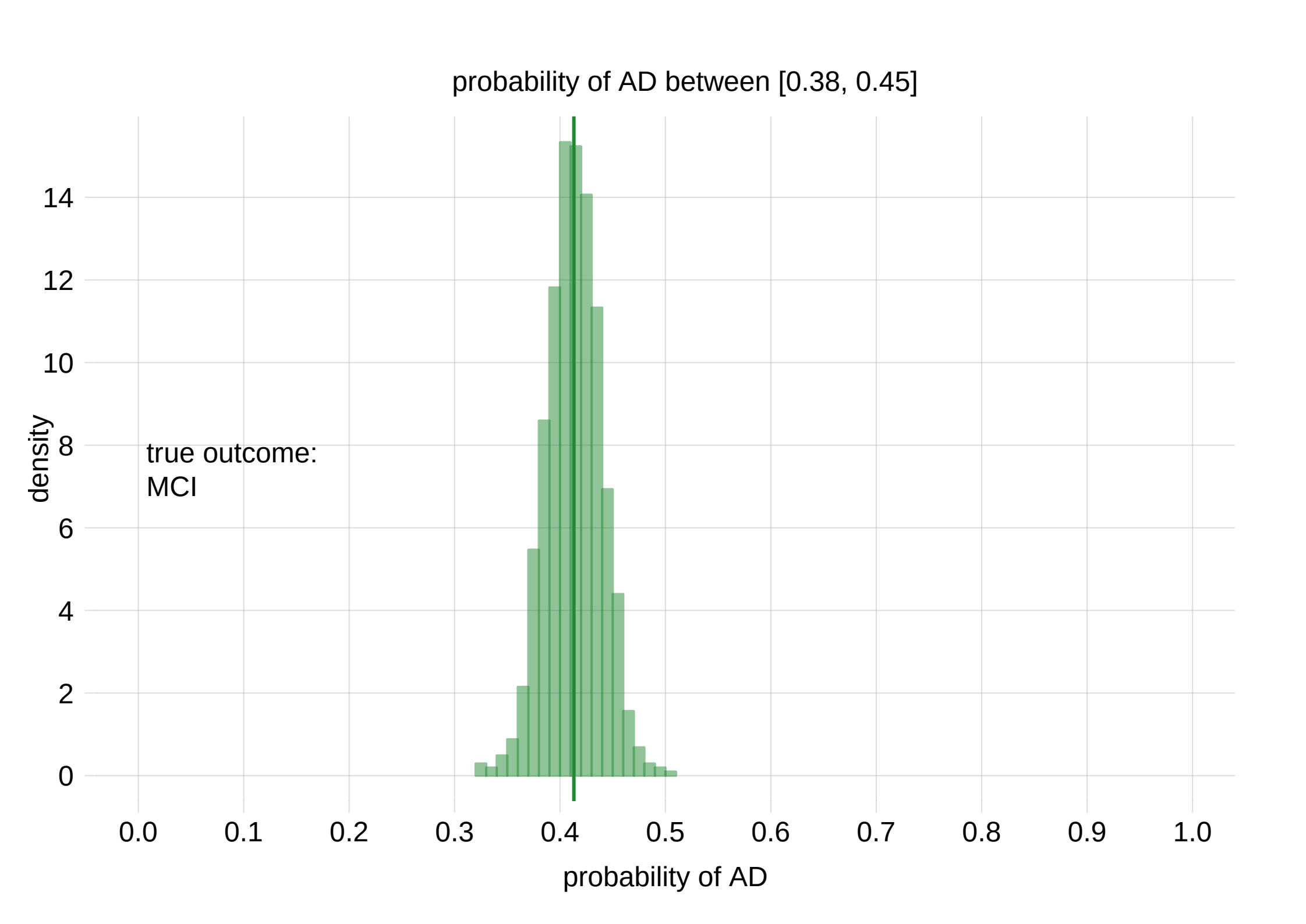
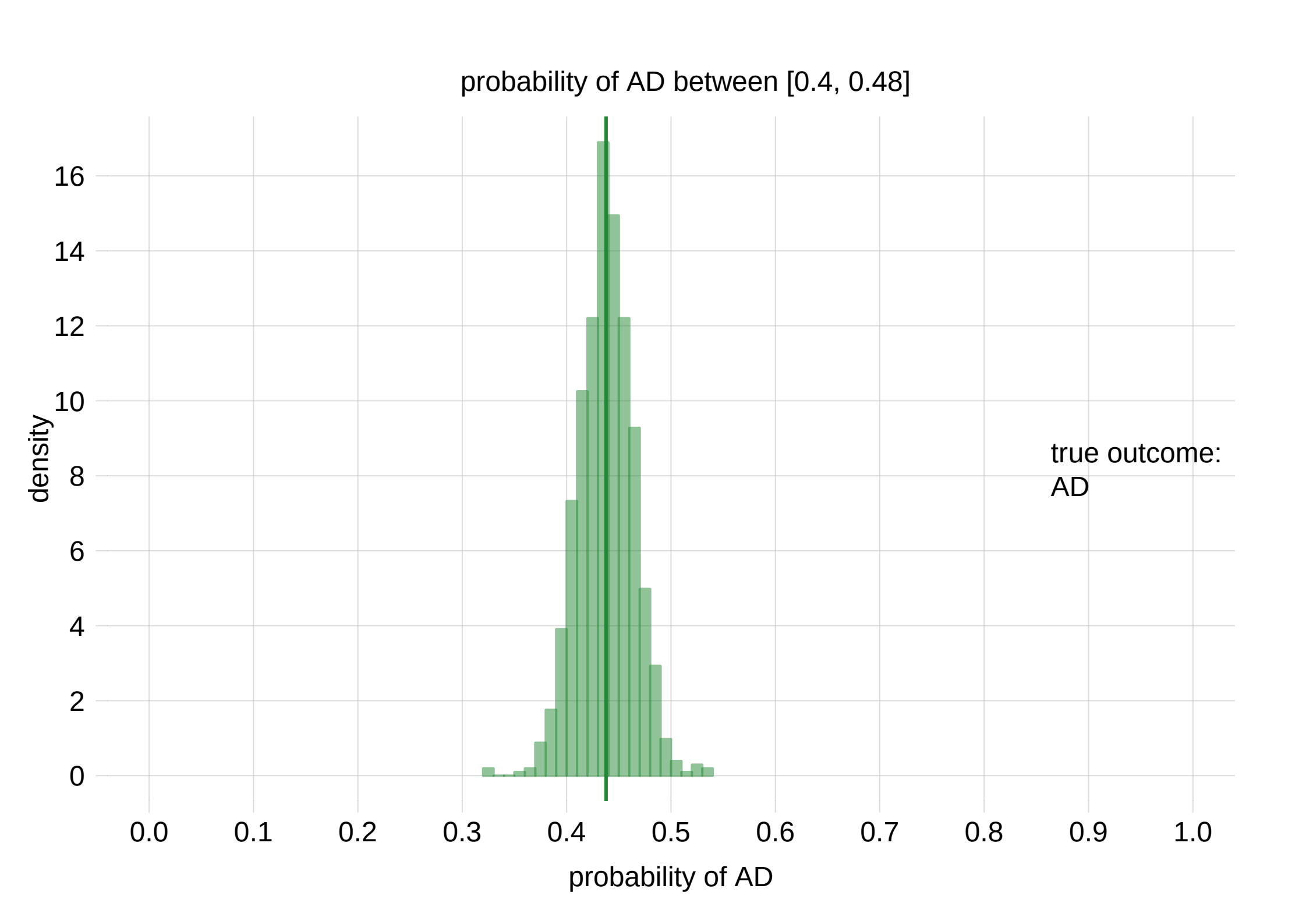
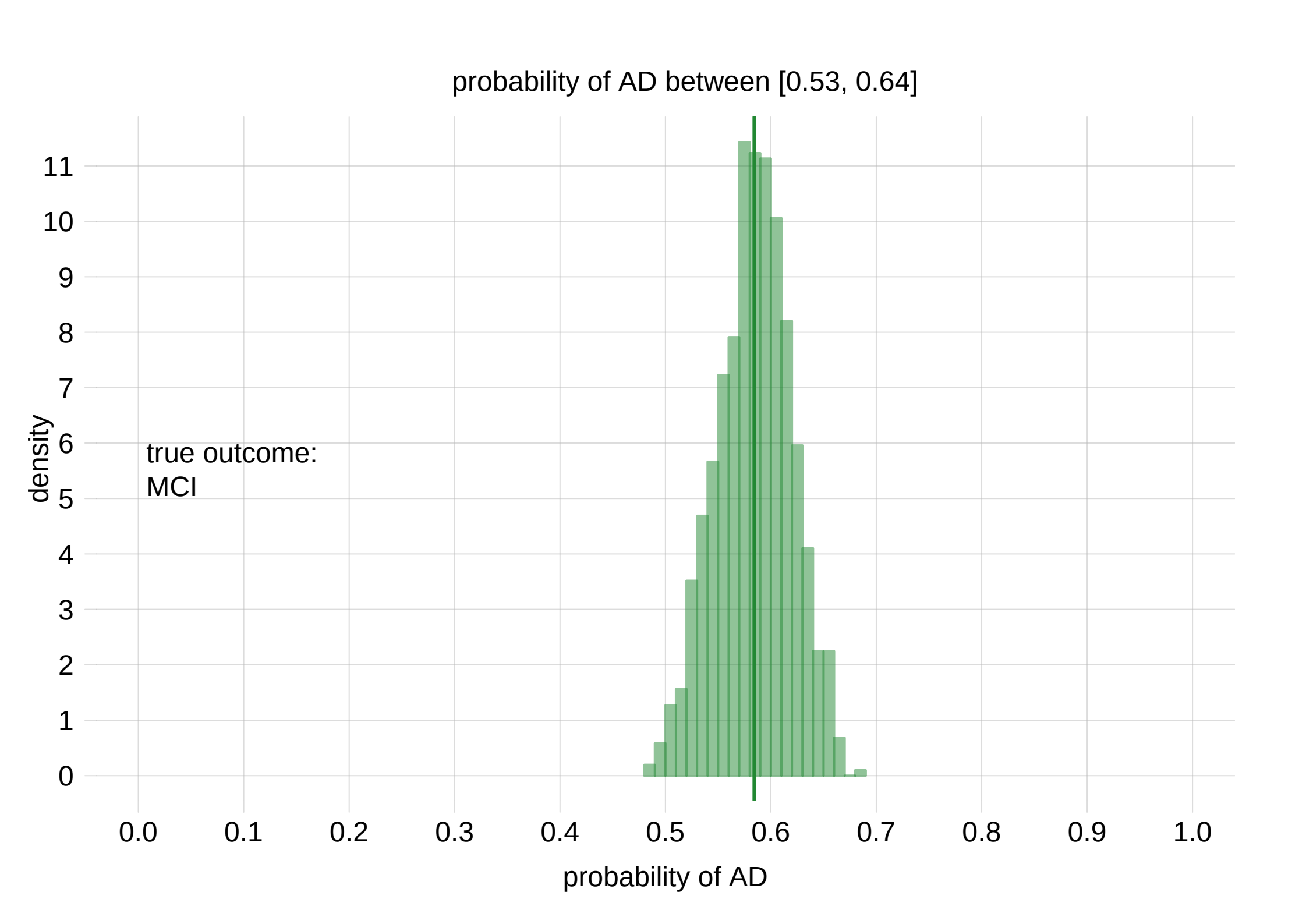
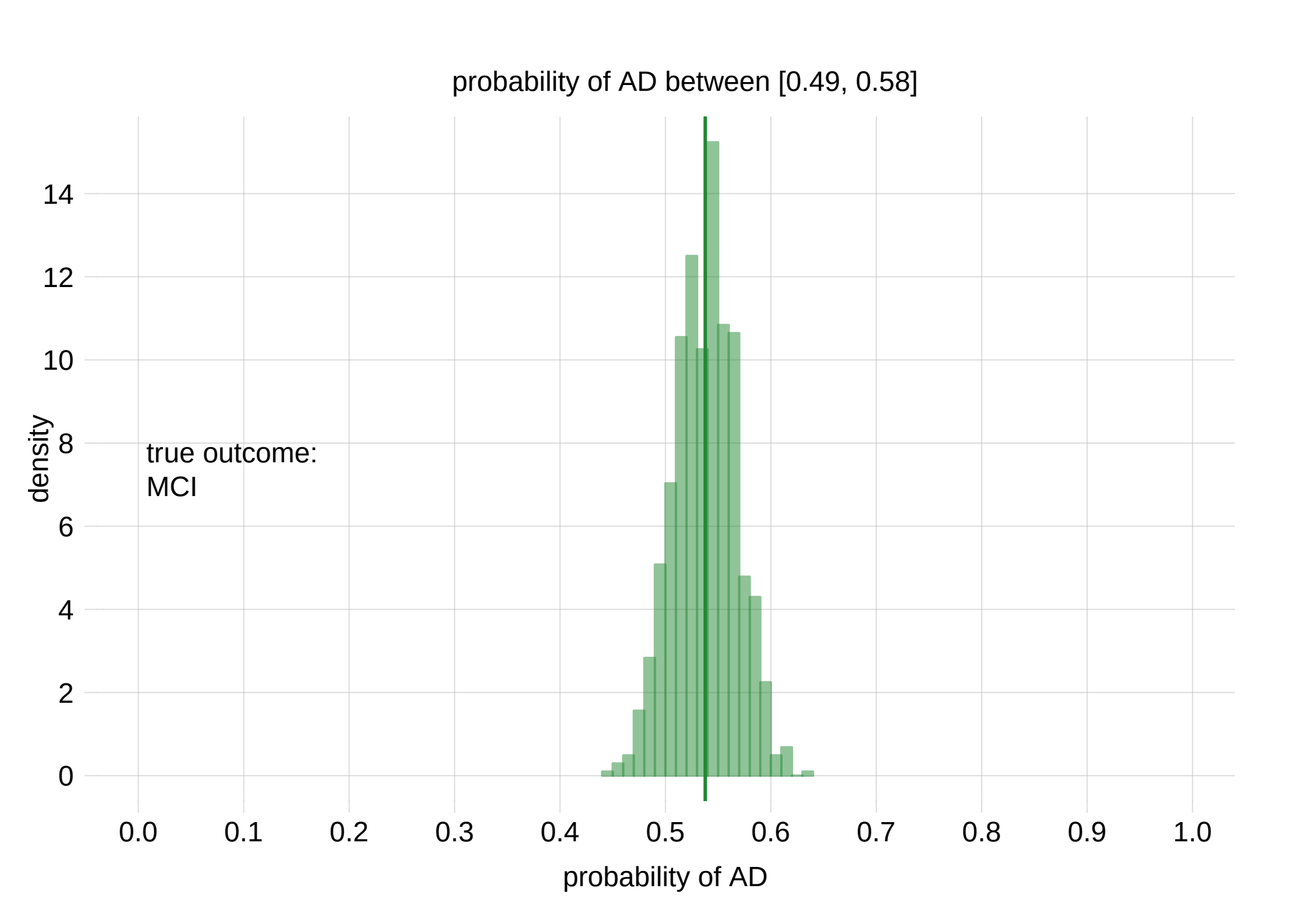

probability of AD between [0.54, 0.63]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

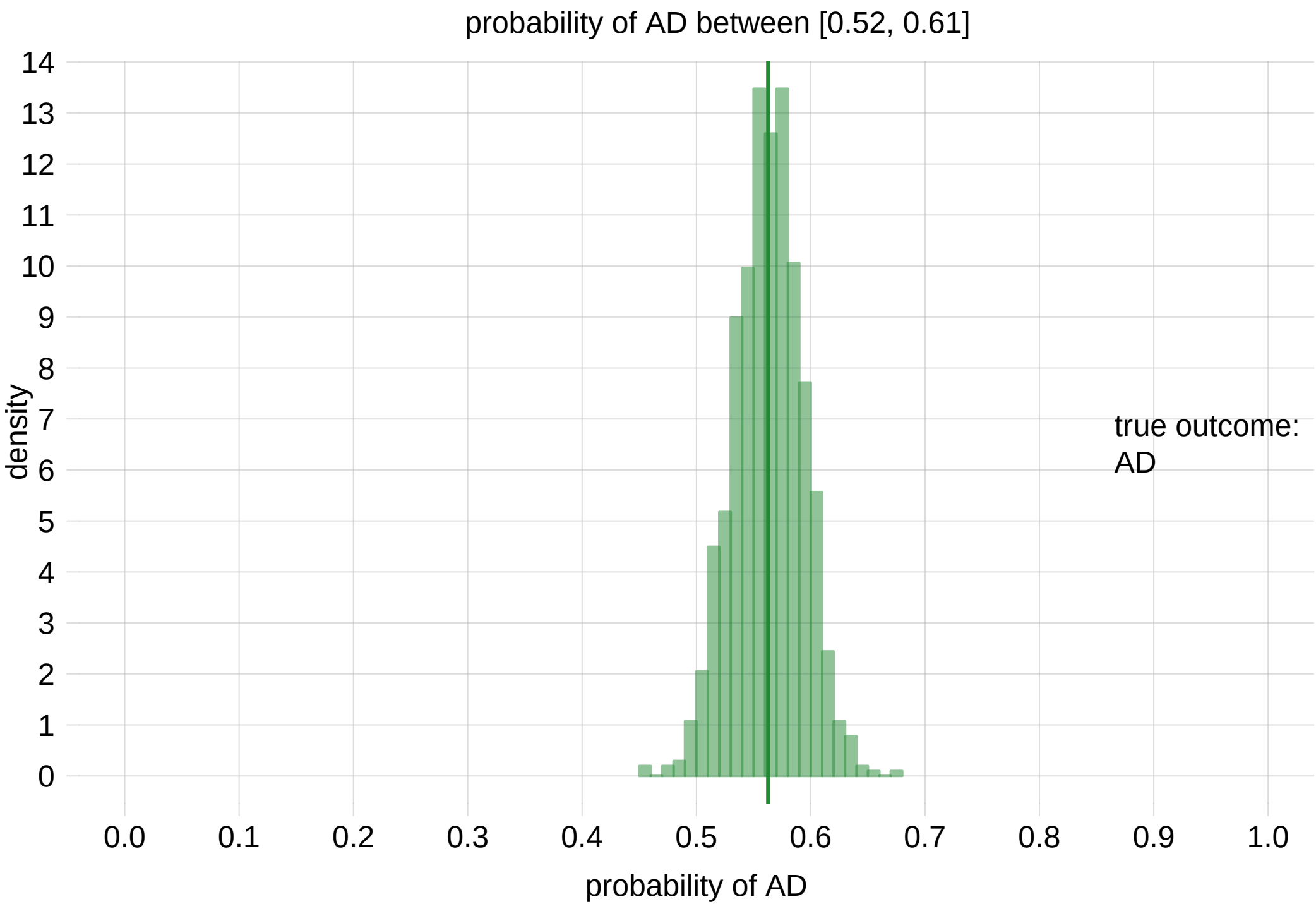

probability of AD between [0.26, 0.35]
density
0
2
4
6
8
10
12
14
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

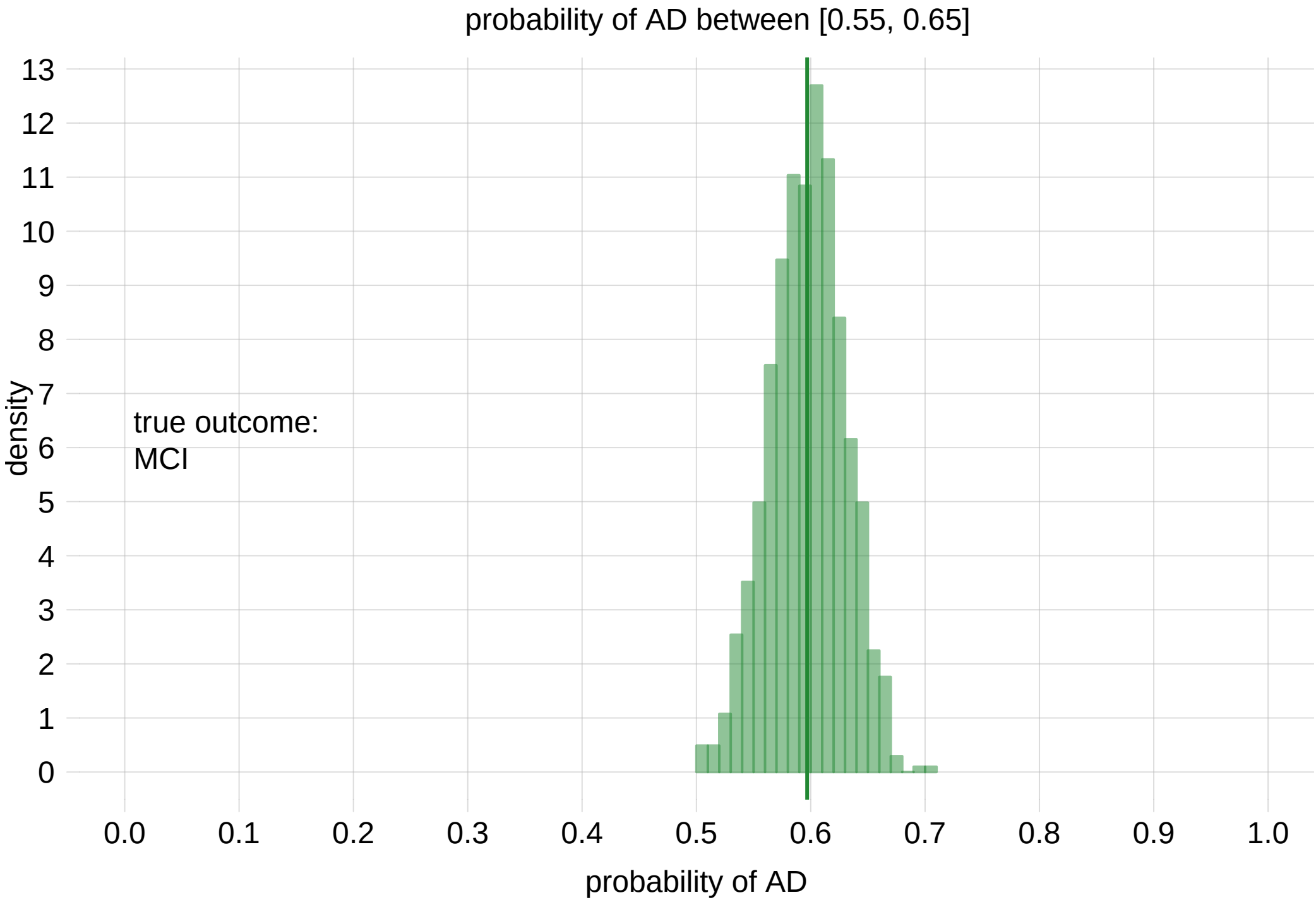

probability of AD between [0.38, 0.45]
density
true outcome:
MCI
0
2
4
6
8
10
12
14
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

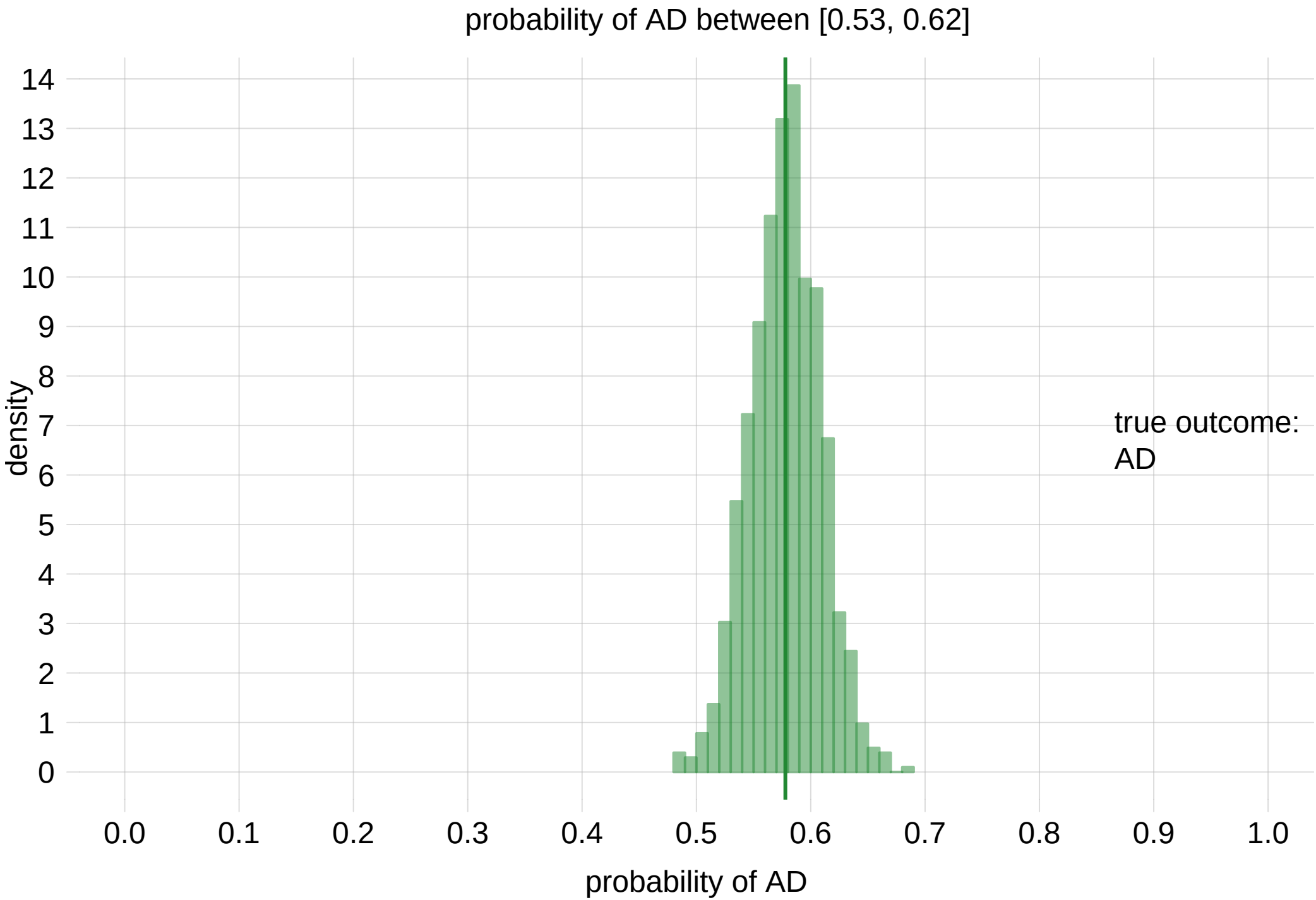

probability of AD between [0.4, 0.48]
density
16
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

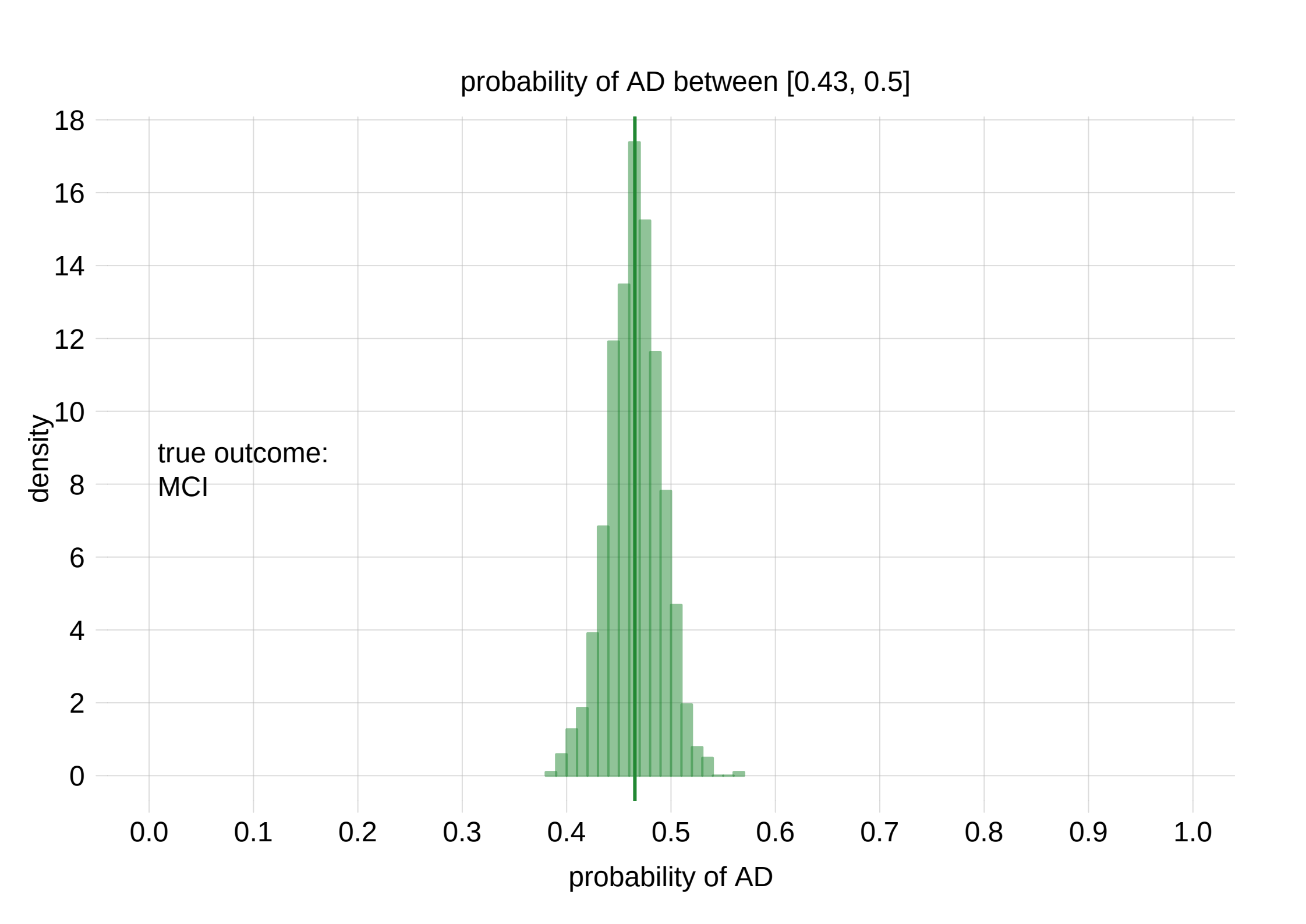

probability of AD between [0.53, 0.64]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
9
10
11
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

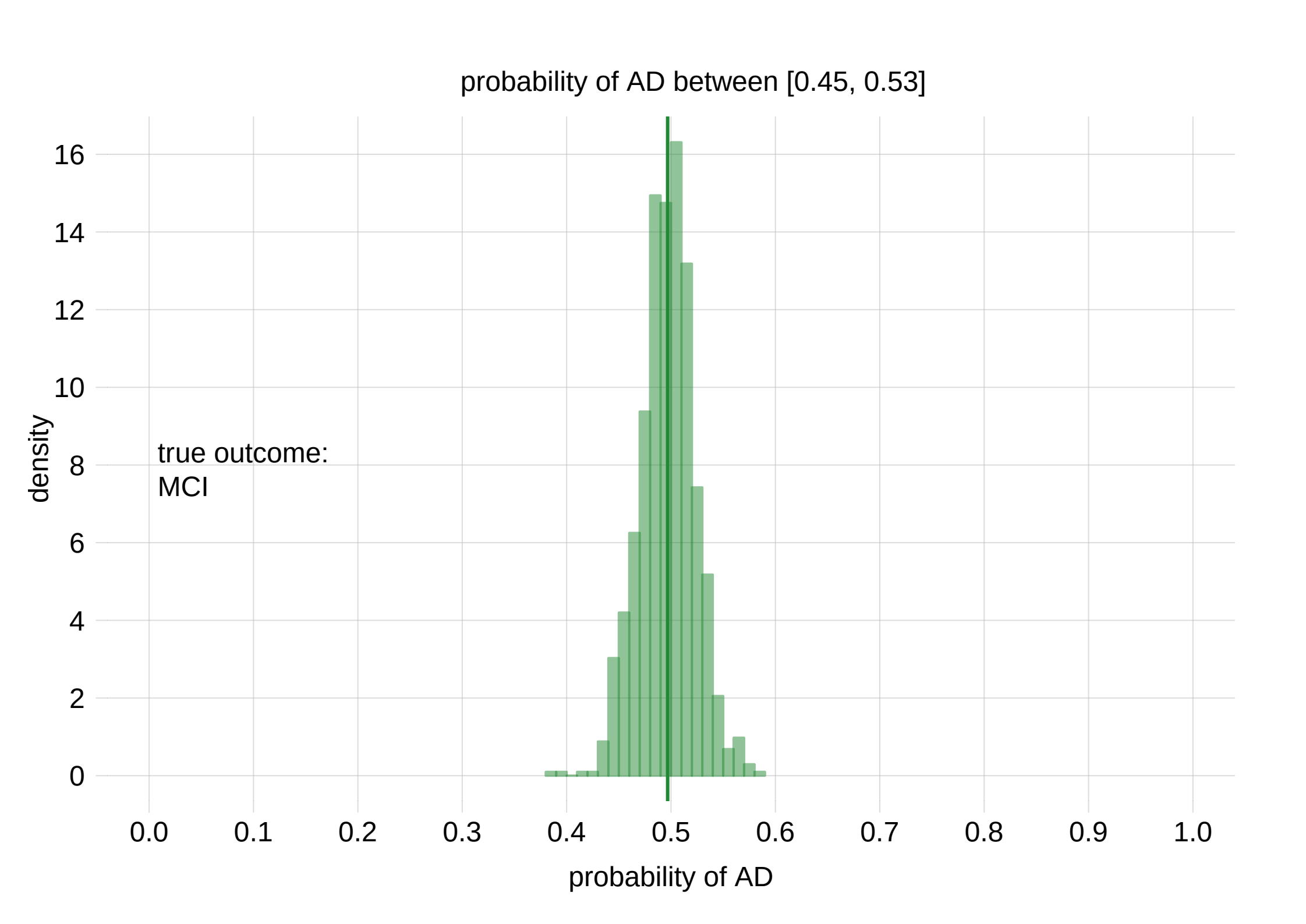

probability of AD between [0.49, 0.58]
density
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

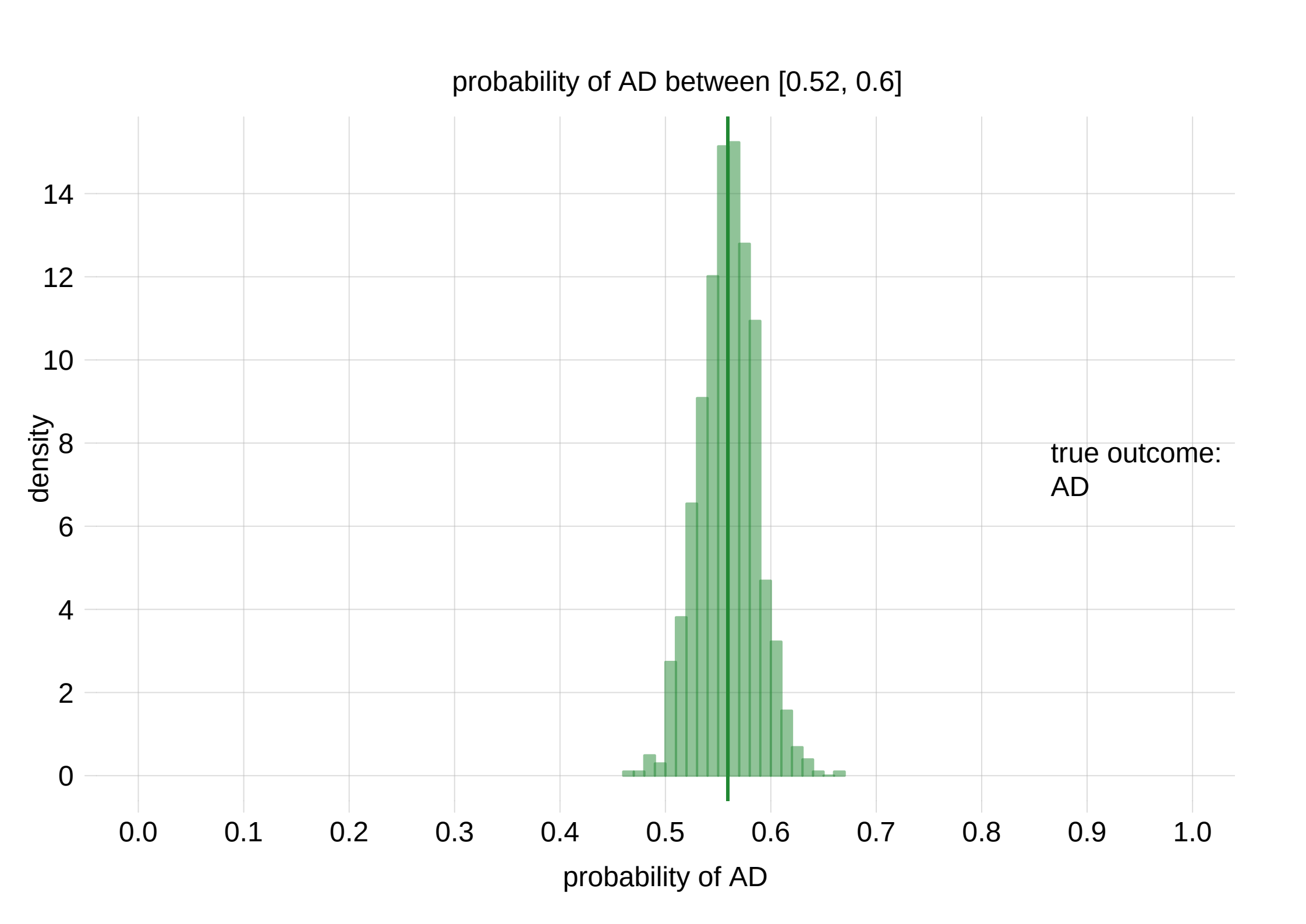

probability of AD between [0.52, 0.61]
density
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

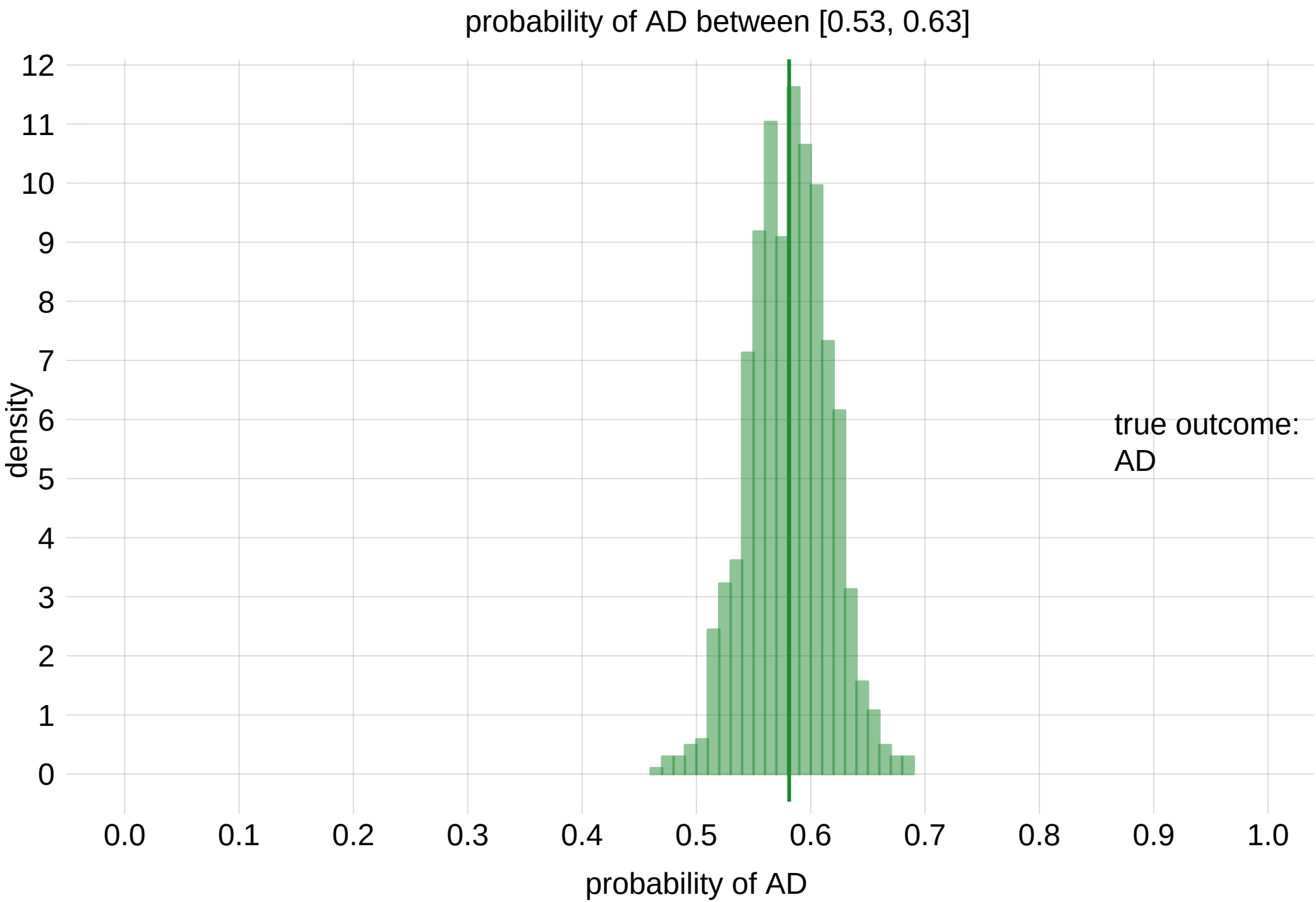

probability of AD between [0.55, 0.65]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
9
10
11
12
13
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

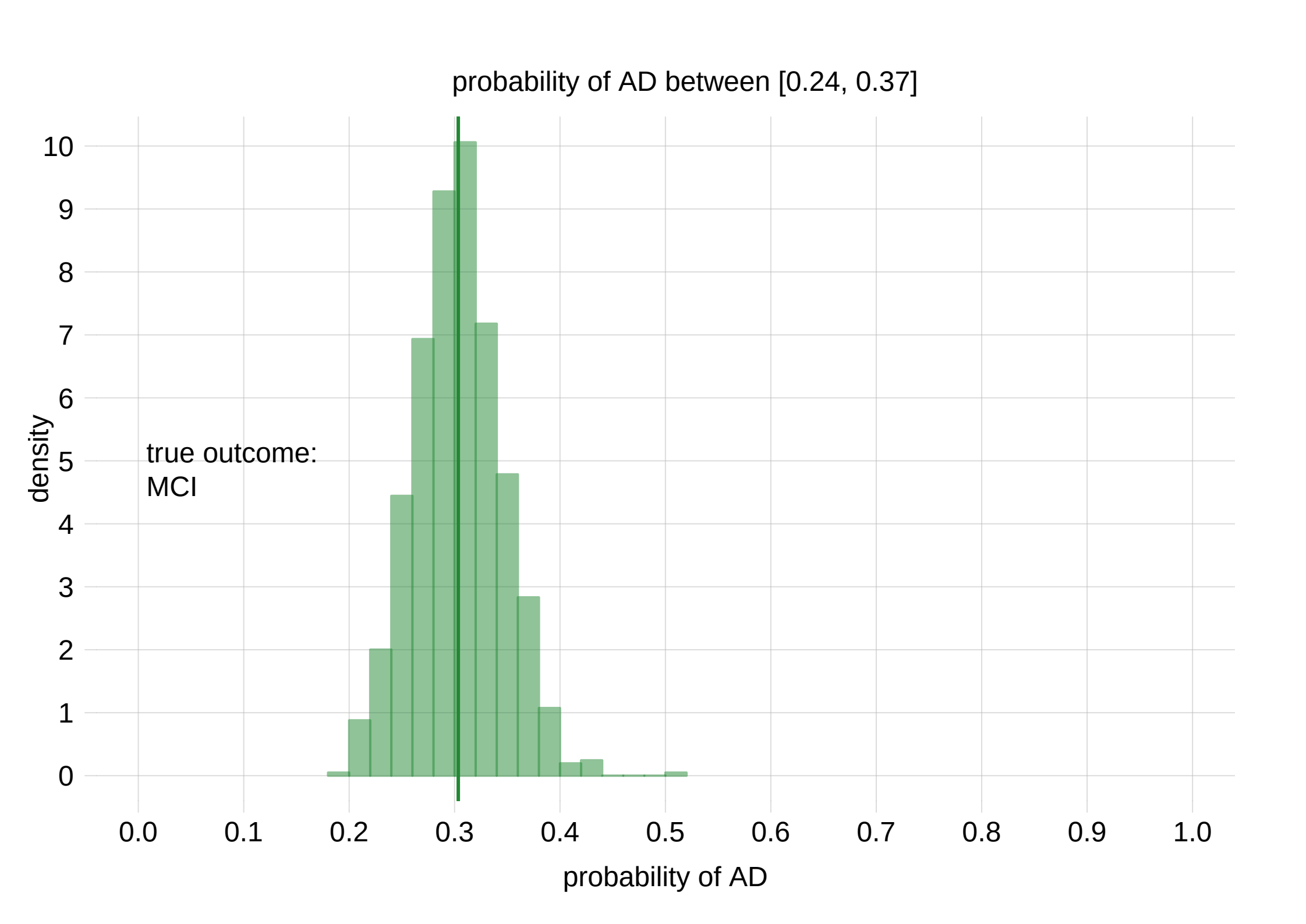

probability of AD between [0.53, 0.62]
density
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

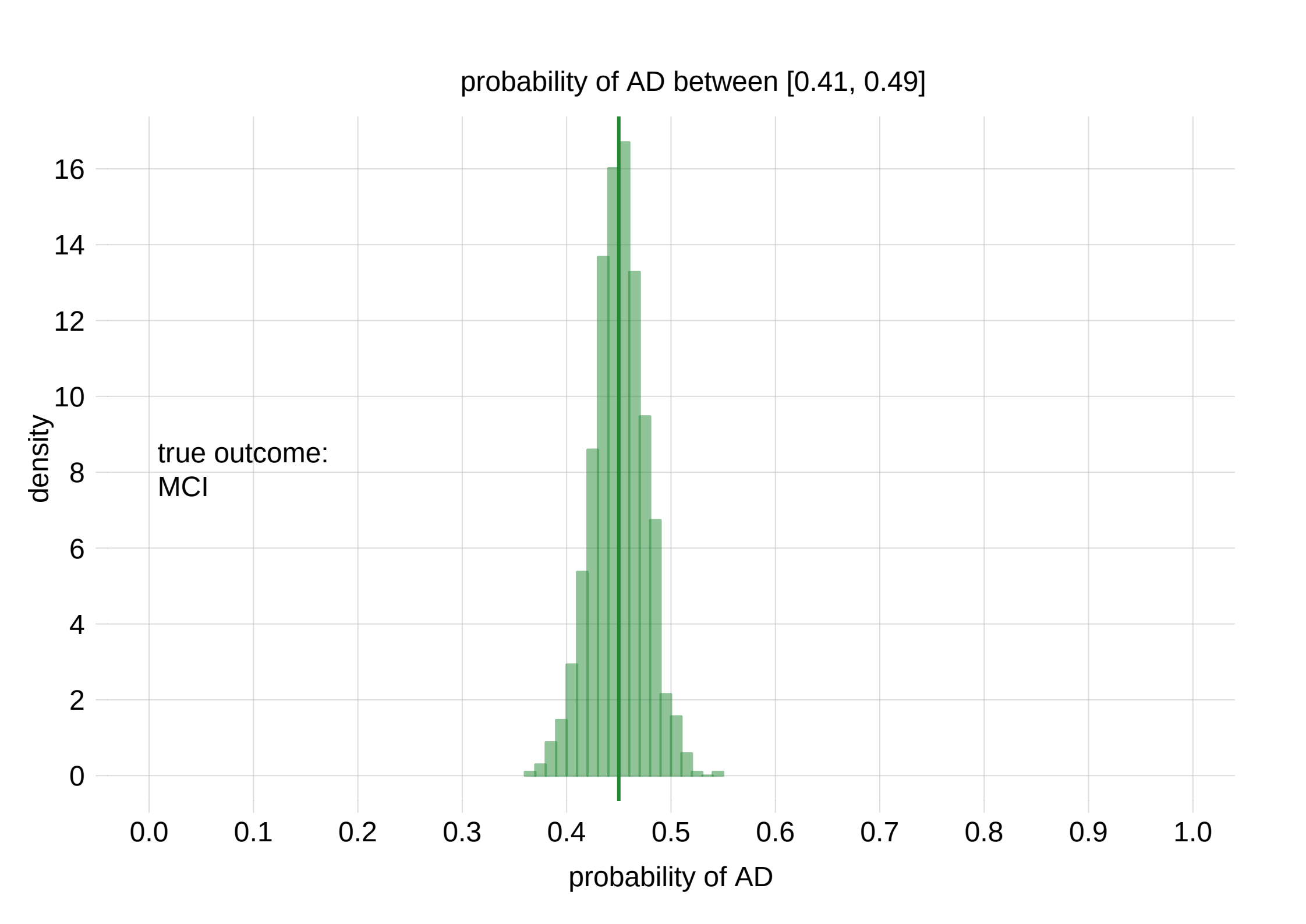

probability of AD between [0.43, 0.5]
density
18
16
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

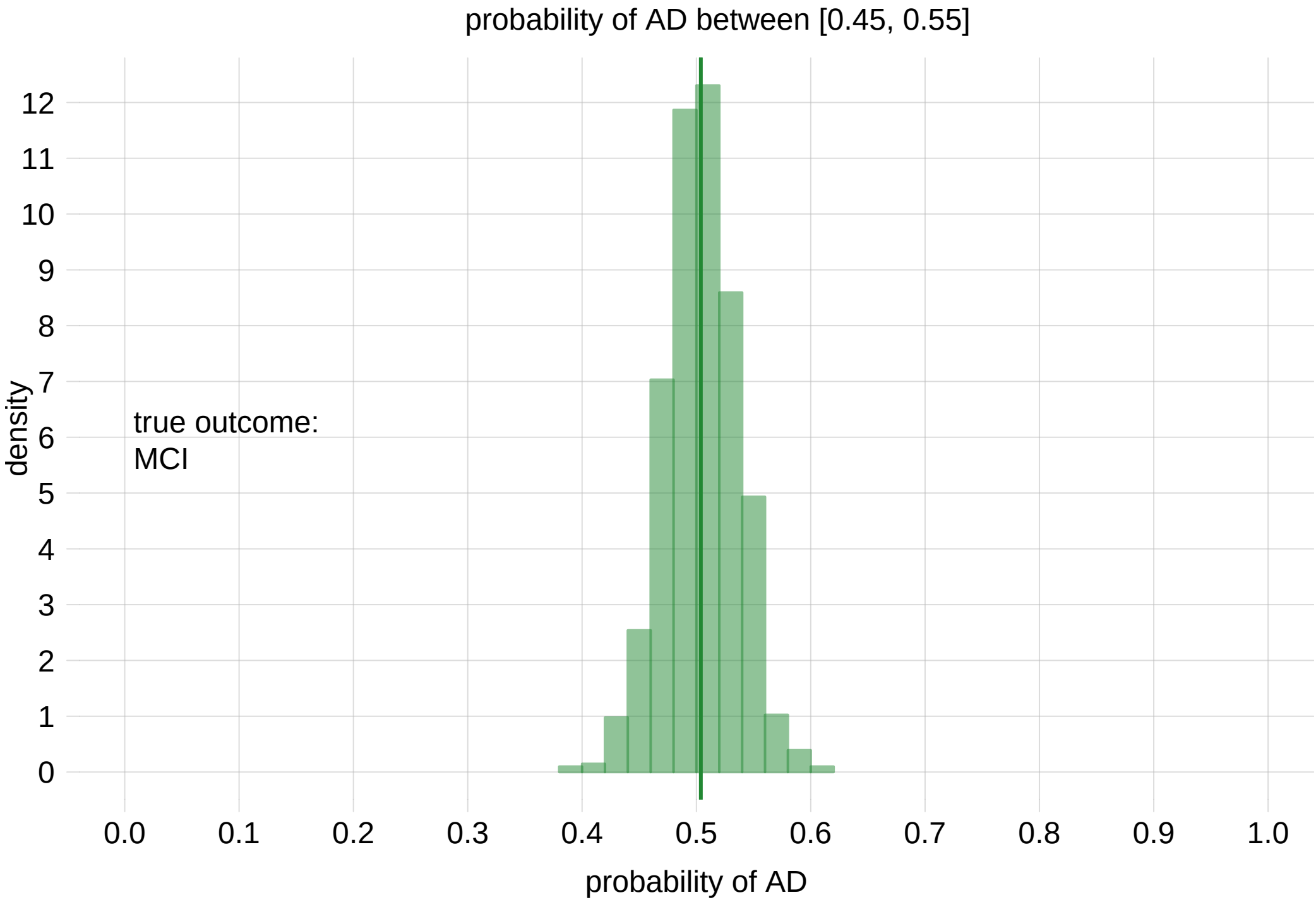

probability of AD between [0.45, 0.53]
density
16
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

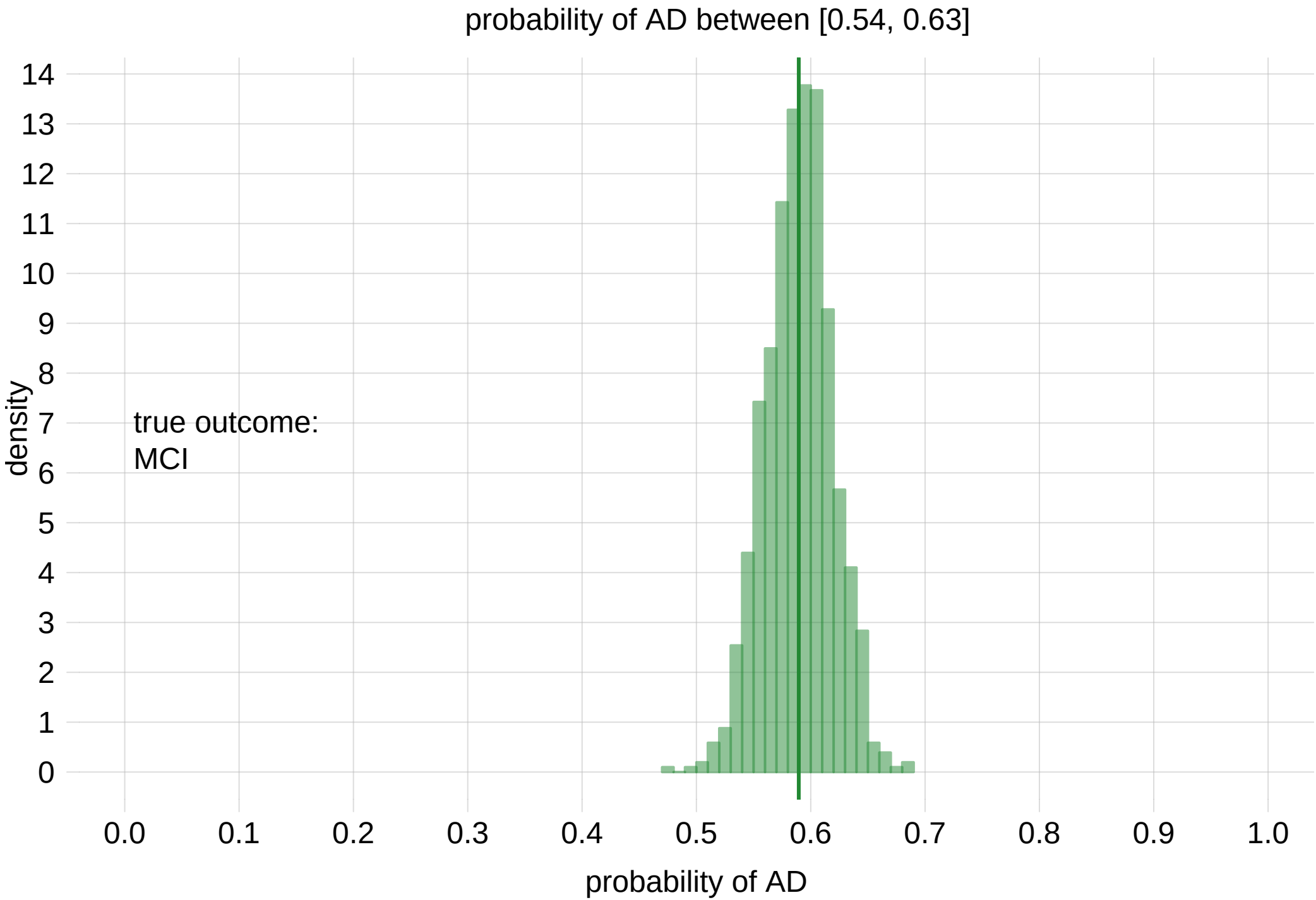

probability of AD between [0.52, 0.6]
density
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

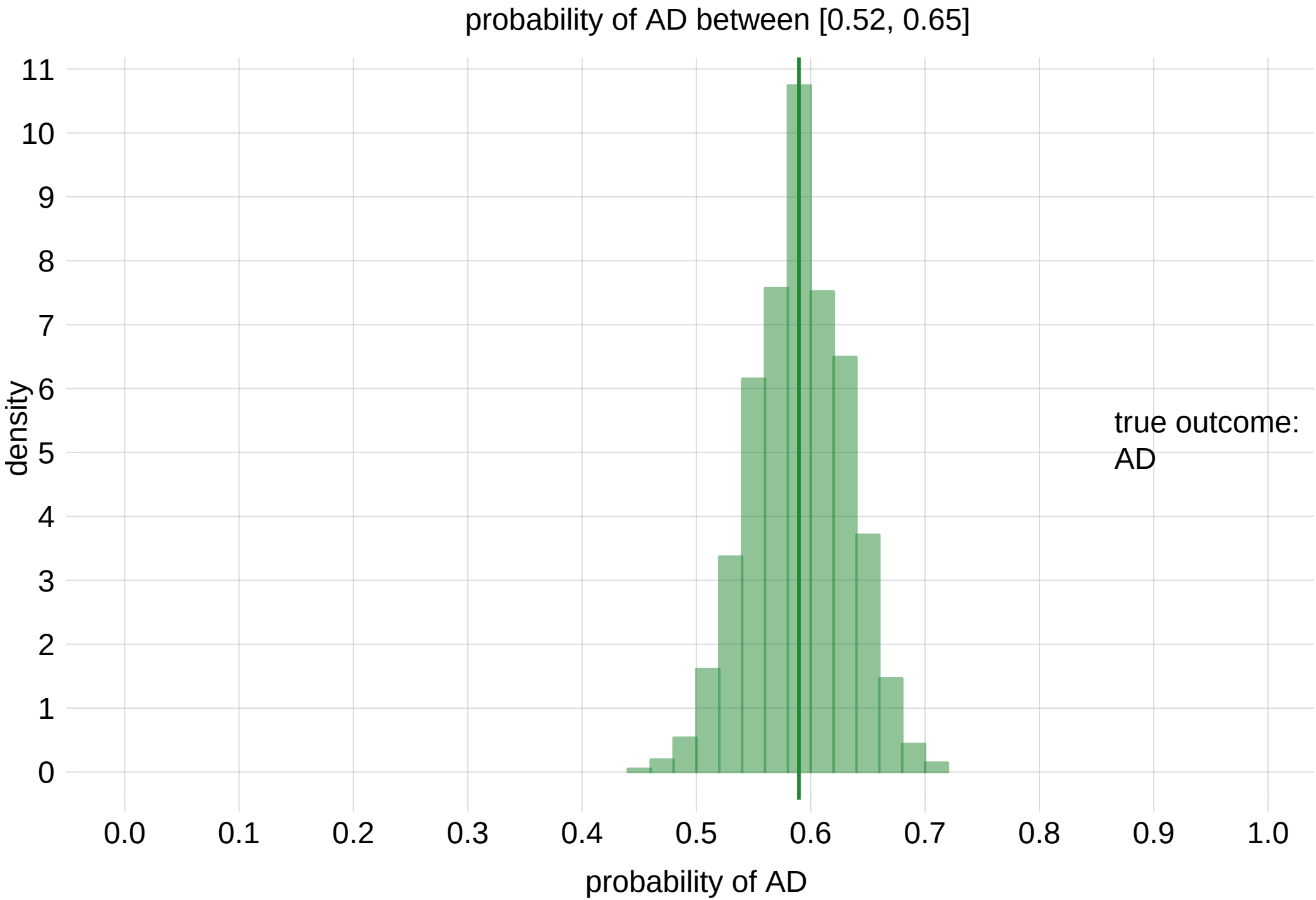

probability of AD between [0.53, 0.63]
density
0
1
2
3
4
5
6
7
8
9
10
11
12
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

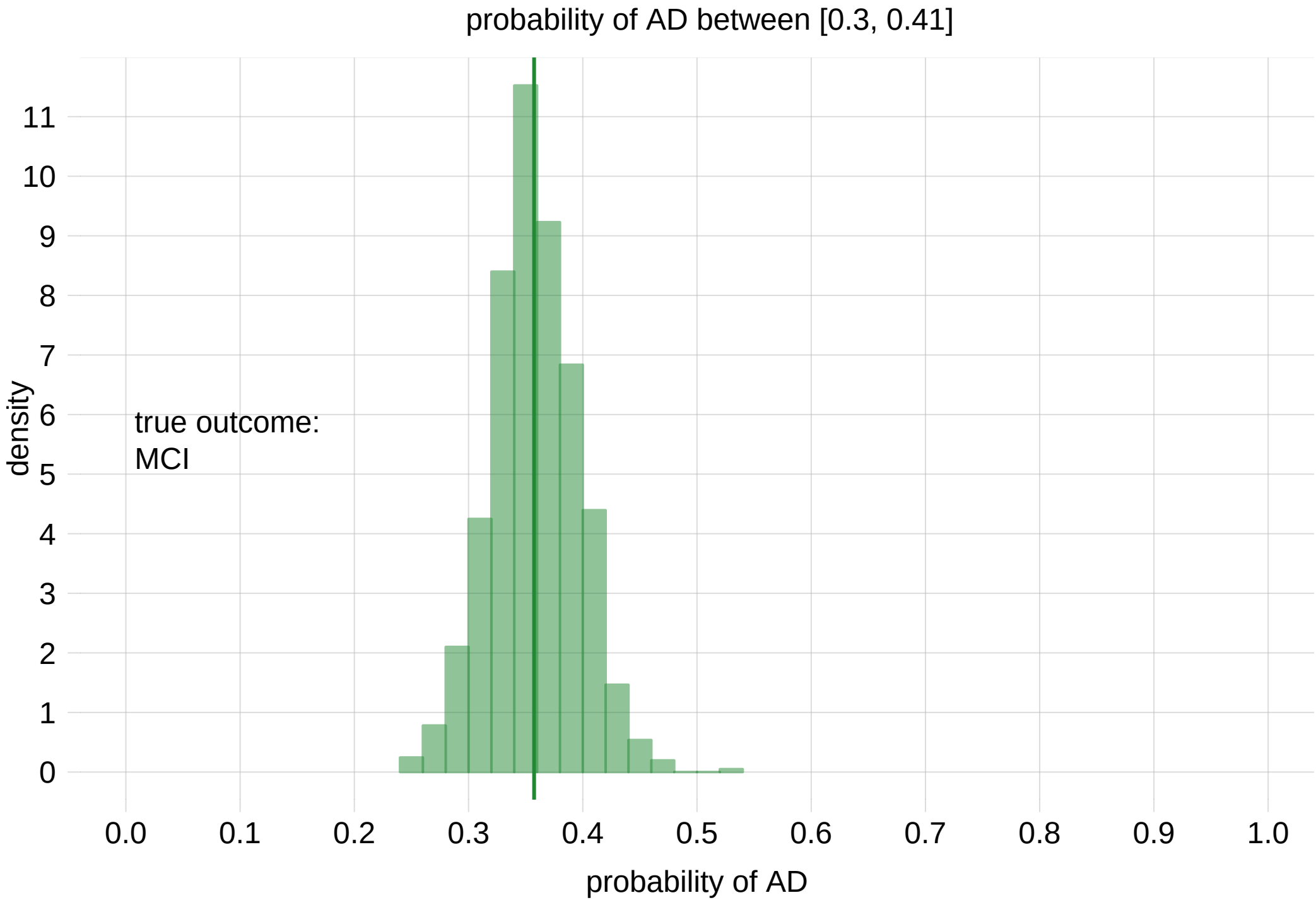

probability of AD between [0.24, 0.37]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
9
10
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

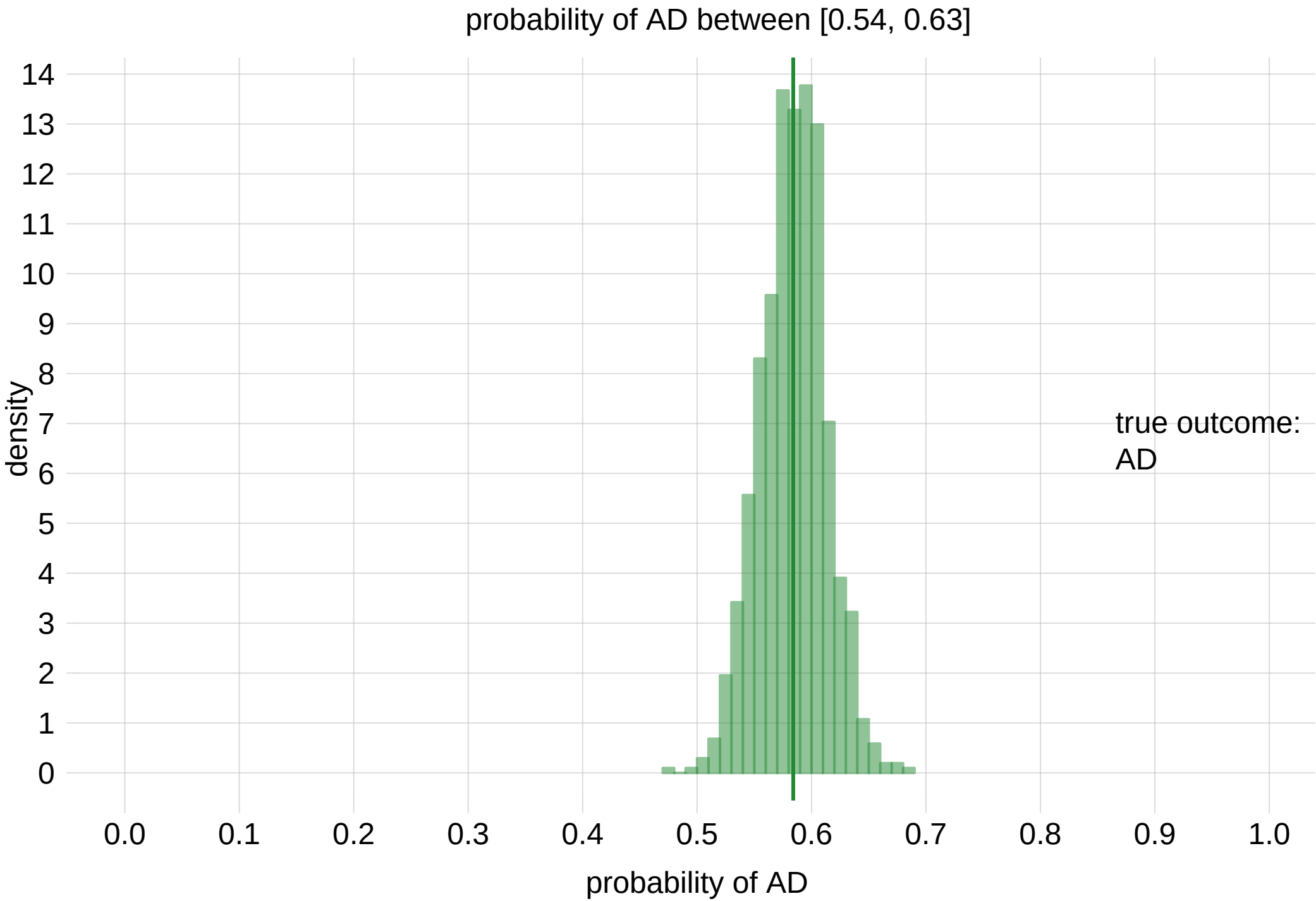

probability of AD between [0.41, 0.49]
density
16
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

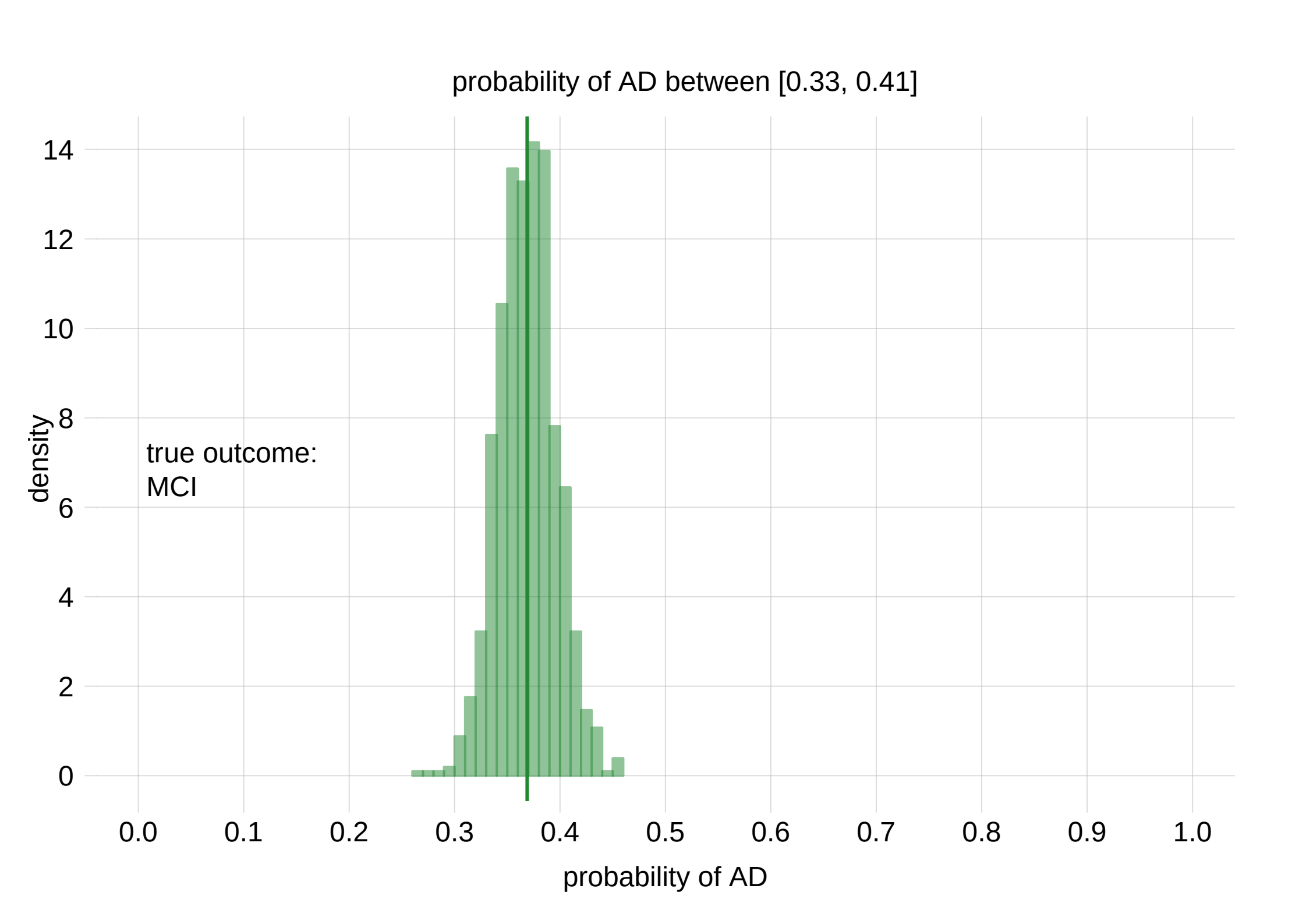

probability of AD between [0.45, 0.55]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
9
10
11
12
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

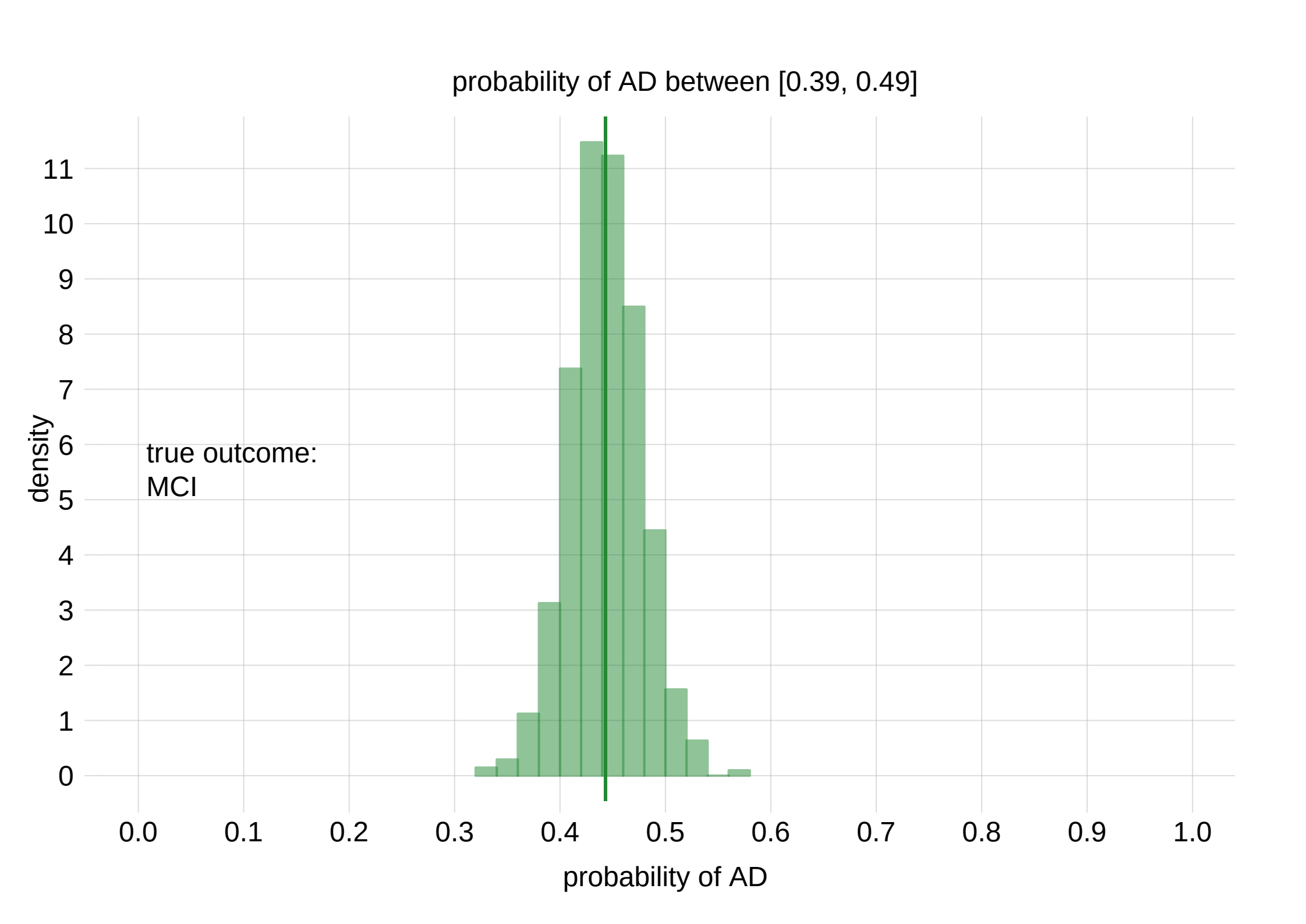

probability of AD between [0.54, 0.63]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

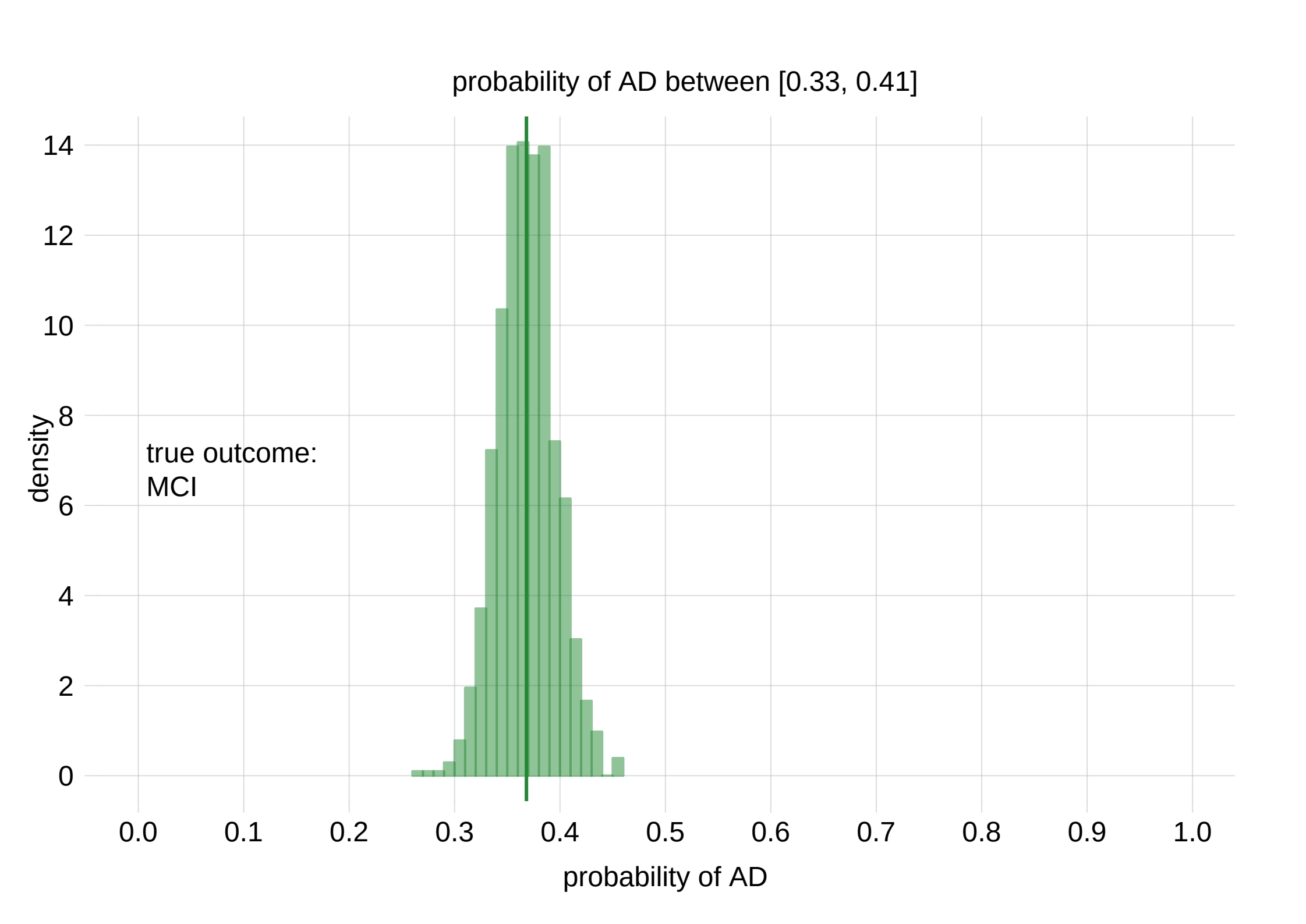

probability of AD between [0.52, 0.65]
density
11
10
9
8
7
6
5
4
3
2
1
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

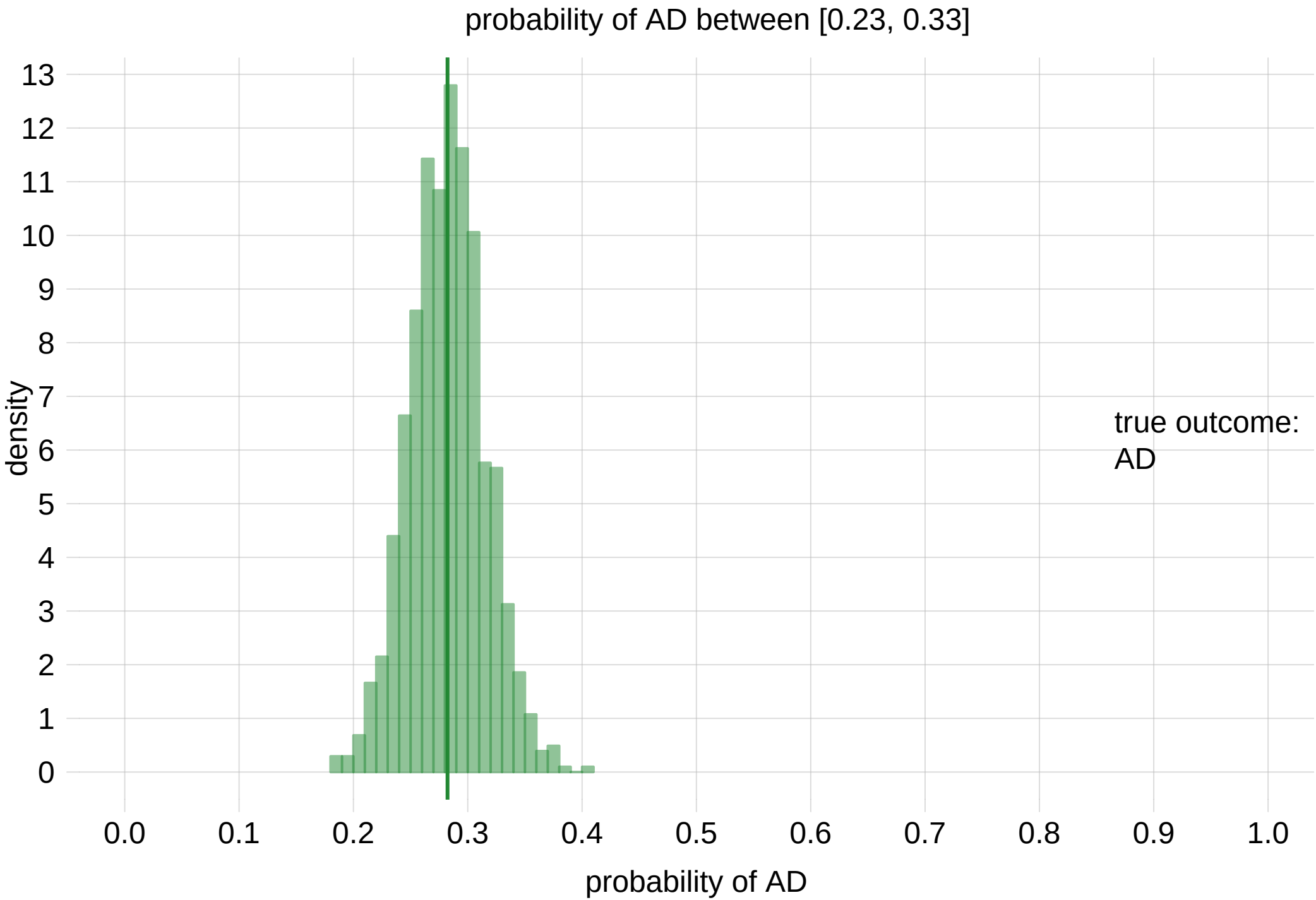

probability of AD between [0.3, 0.41]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
9
10
11
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

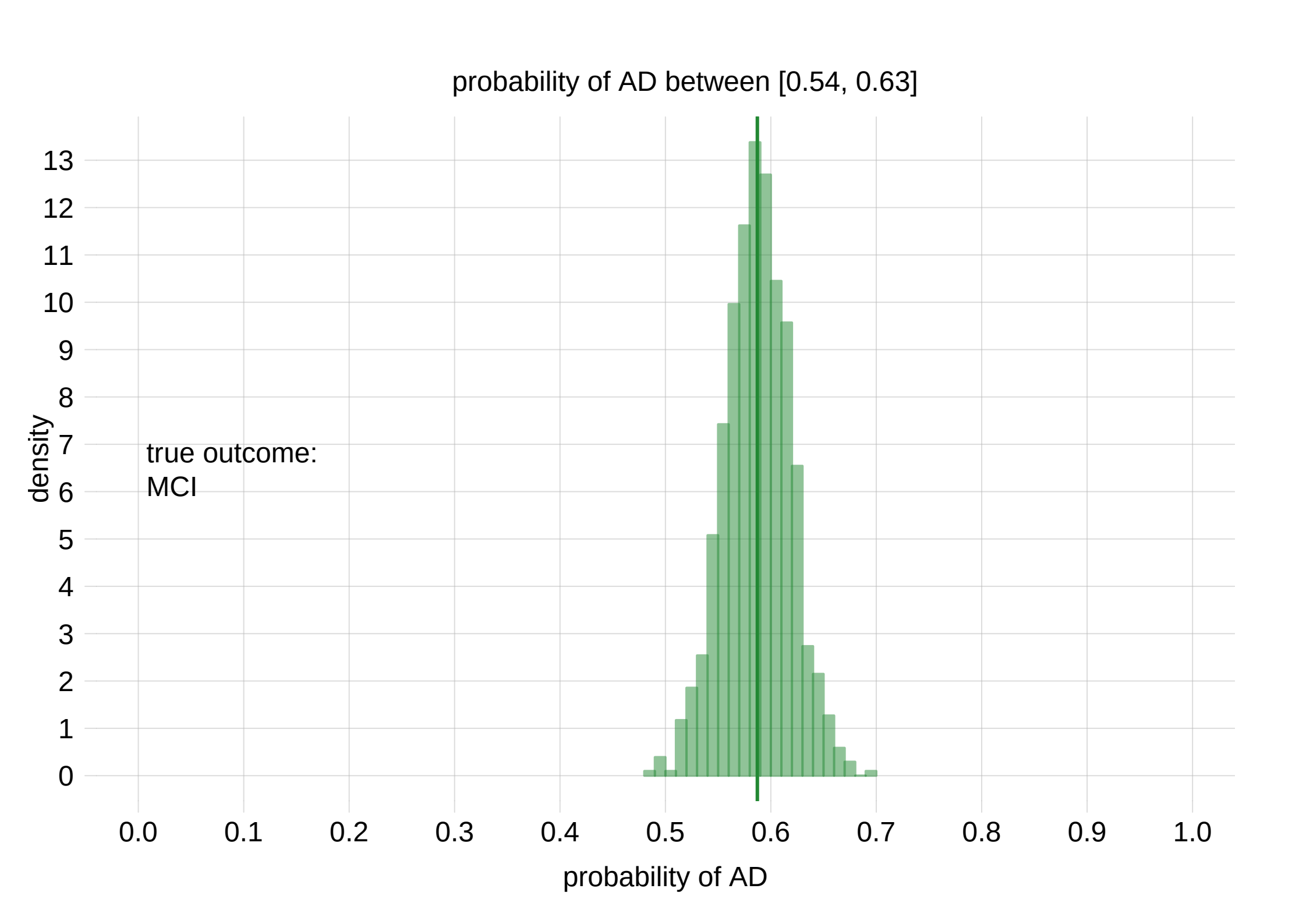

probability of AD between [0.54, 0.63]
density
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

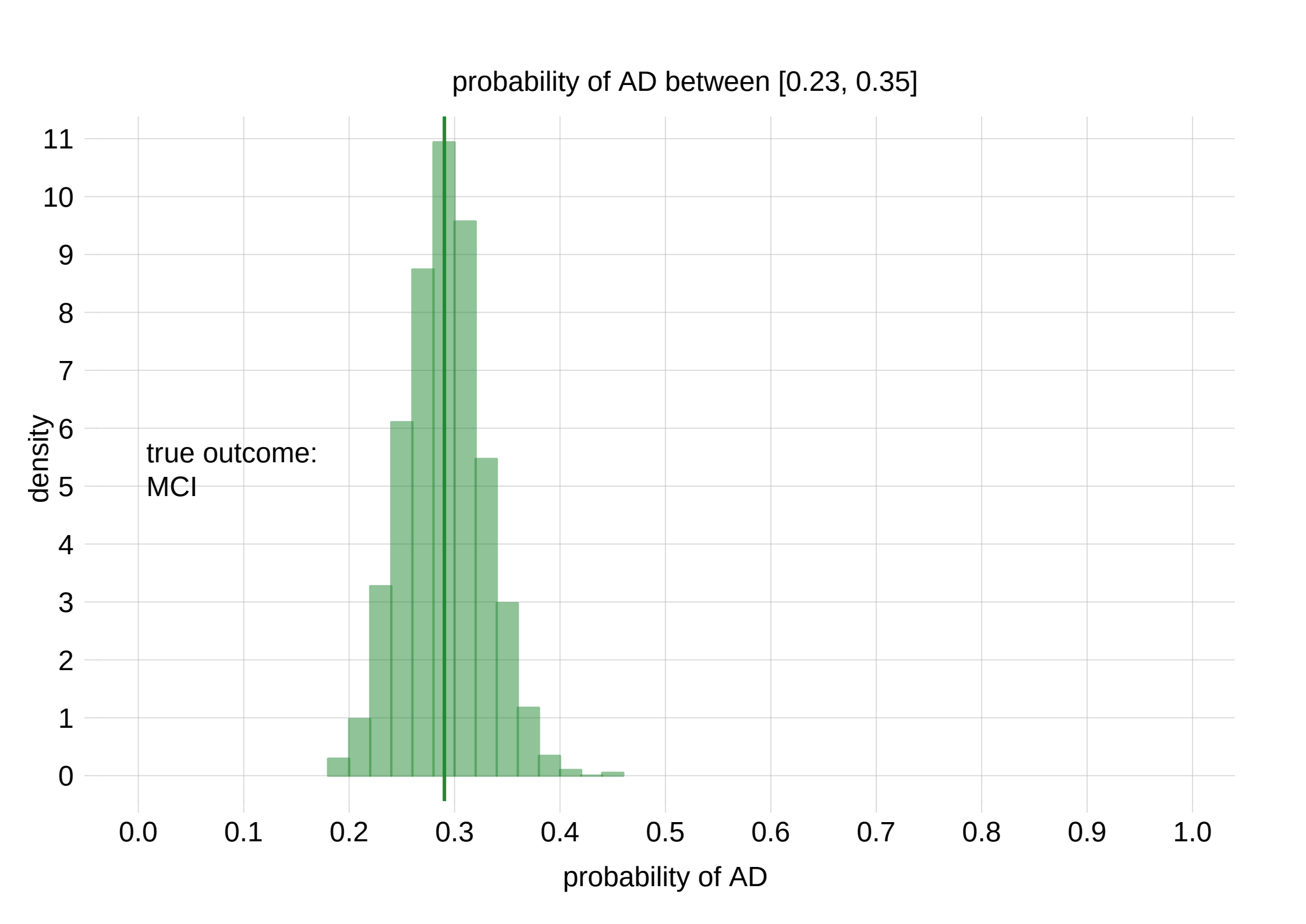

probability of AD between [0.33, 0.41]
density
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

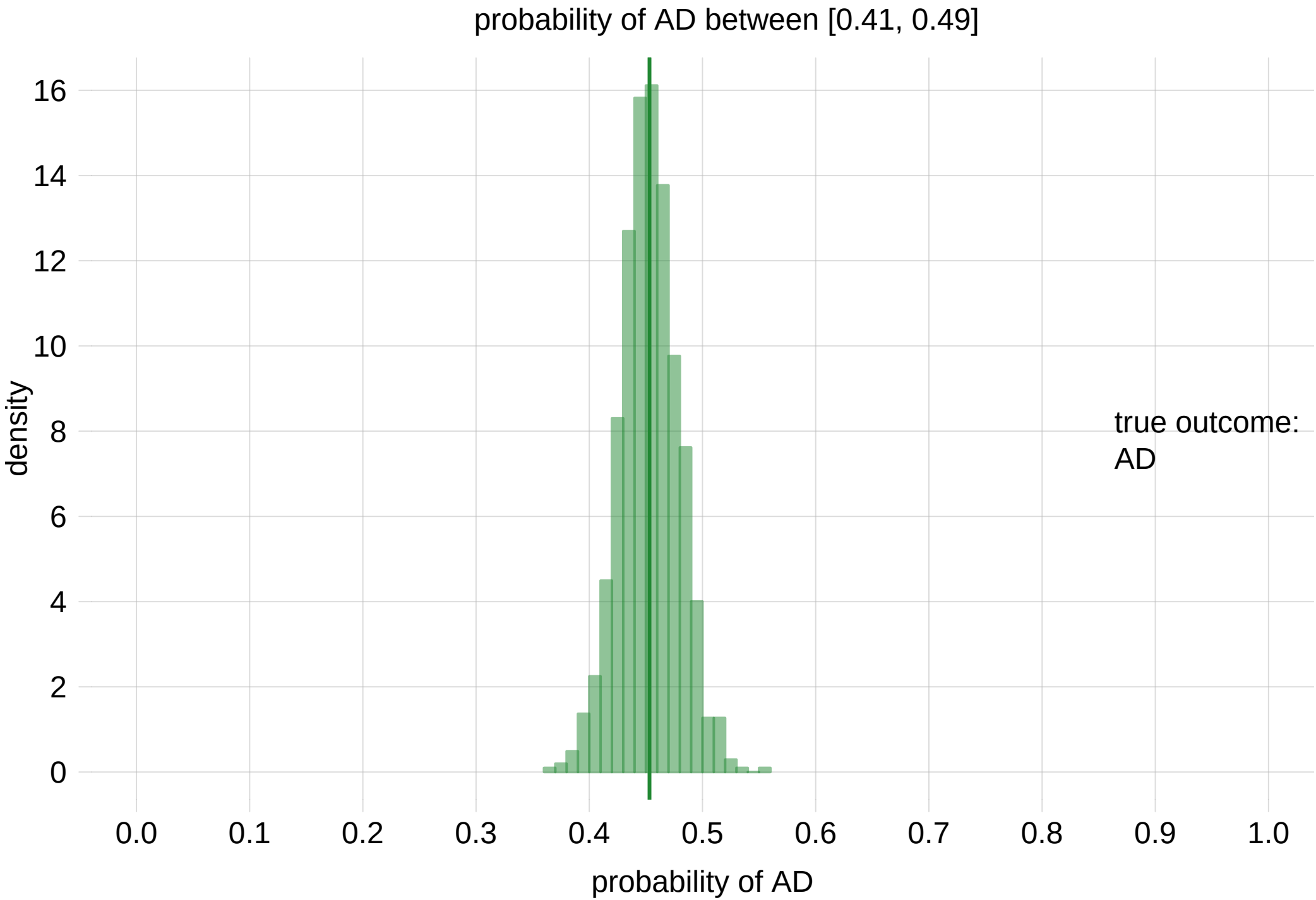

probability of AD between [0.39, 0.49]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
9
10
11
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

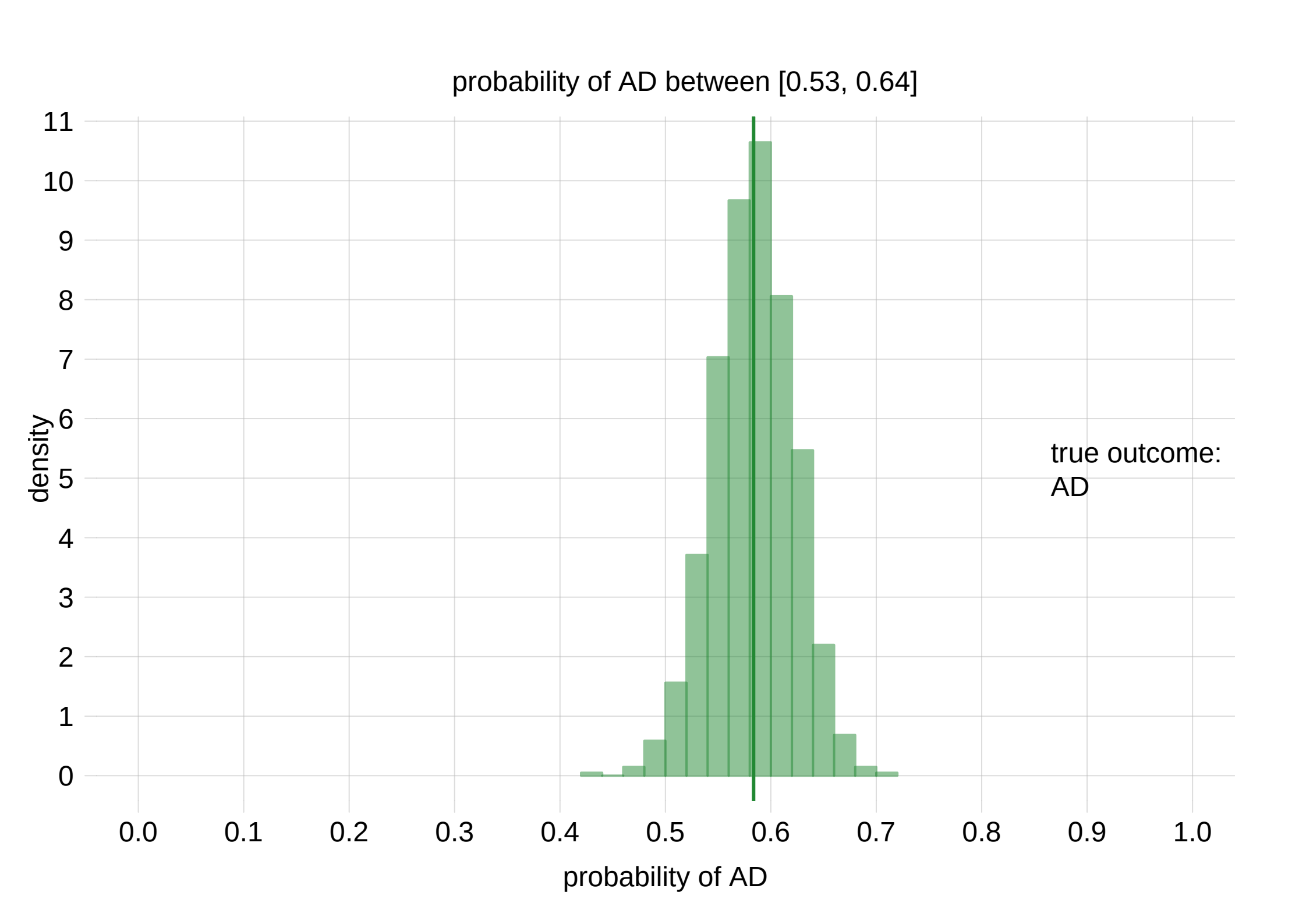

probability of AD between [0.33, 0.41]
density
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

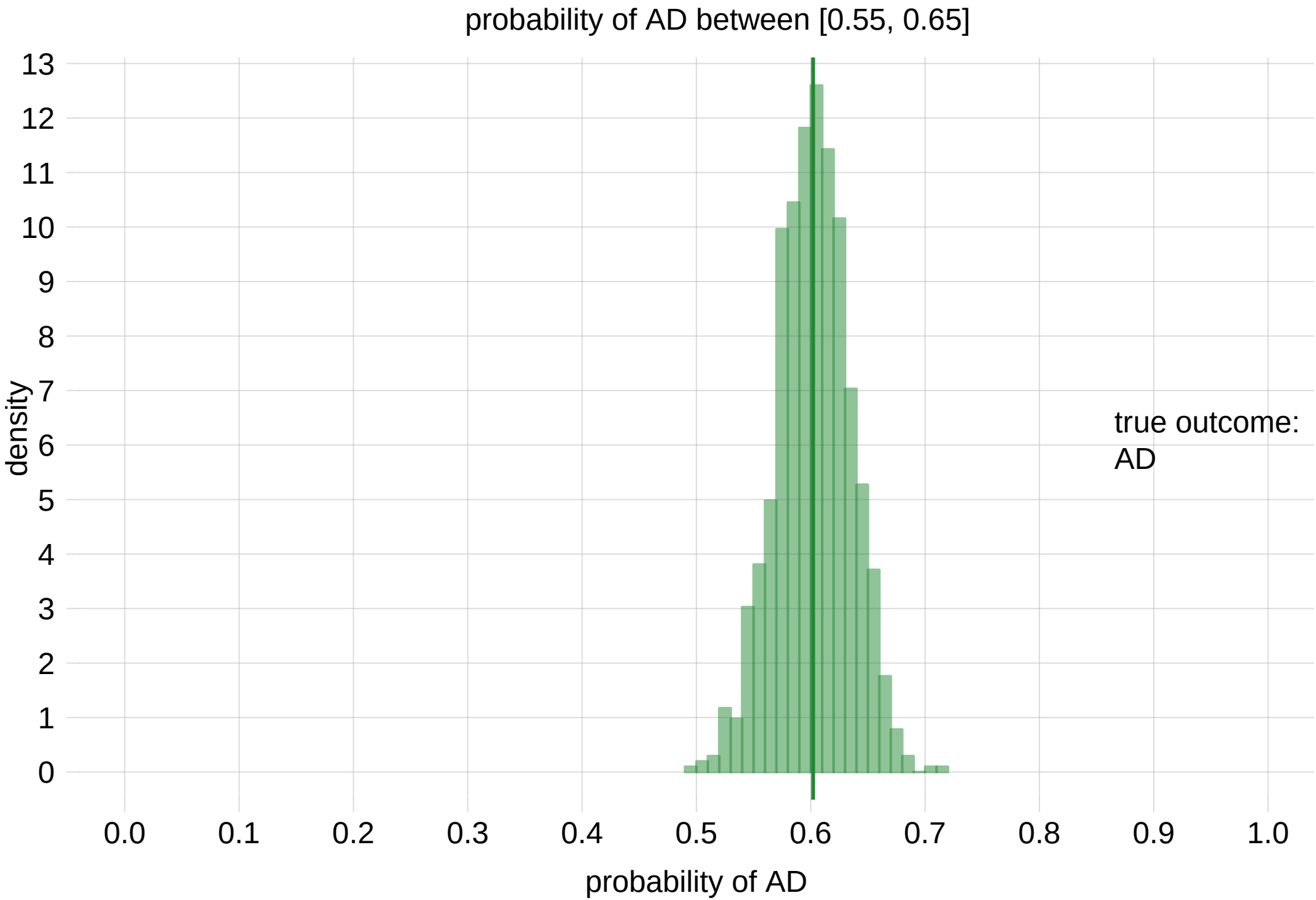

probability of AD between [0.23, 0.33]
density
0
1
2
3
4
5
6
7
8
9
10
11
12
13
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

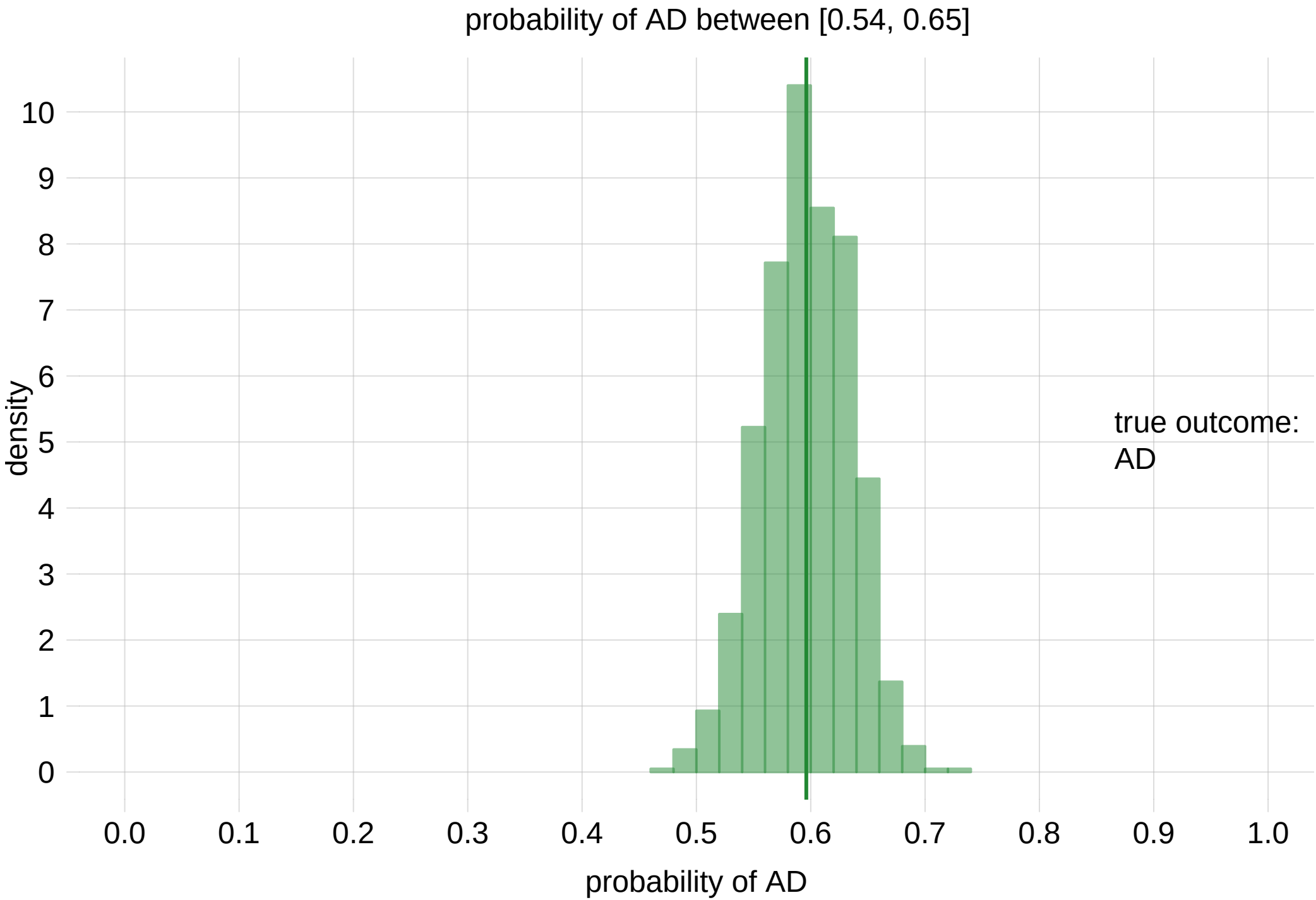

probability of AD between [0.54, 0.63]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
9
10
11
12
13
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

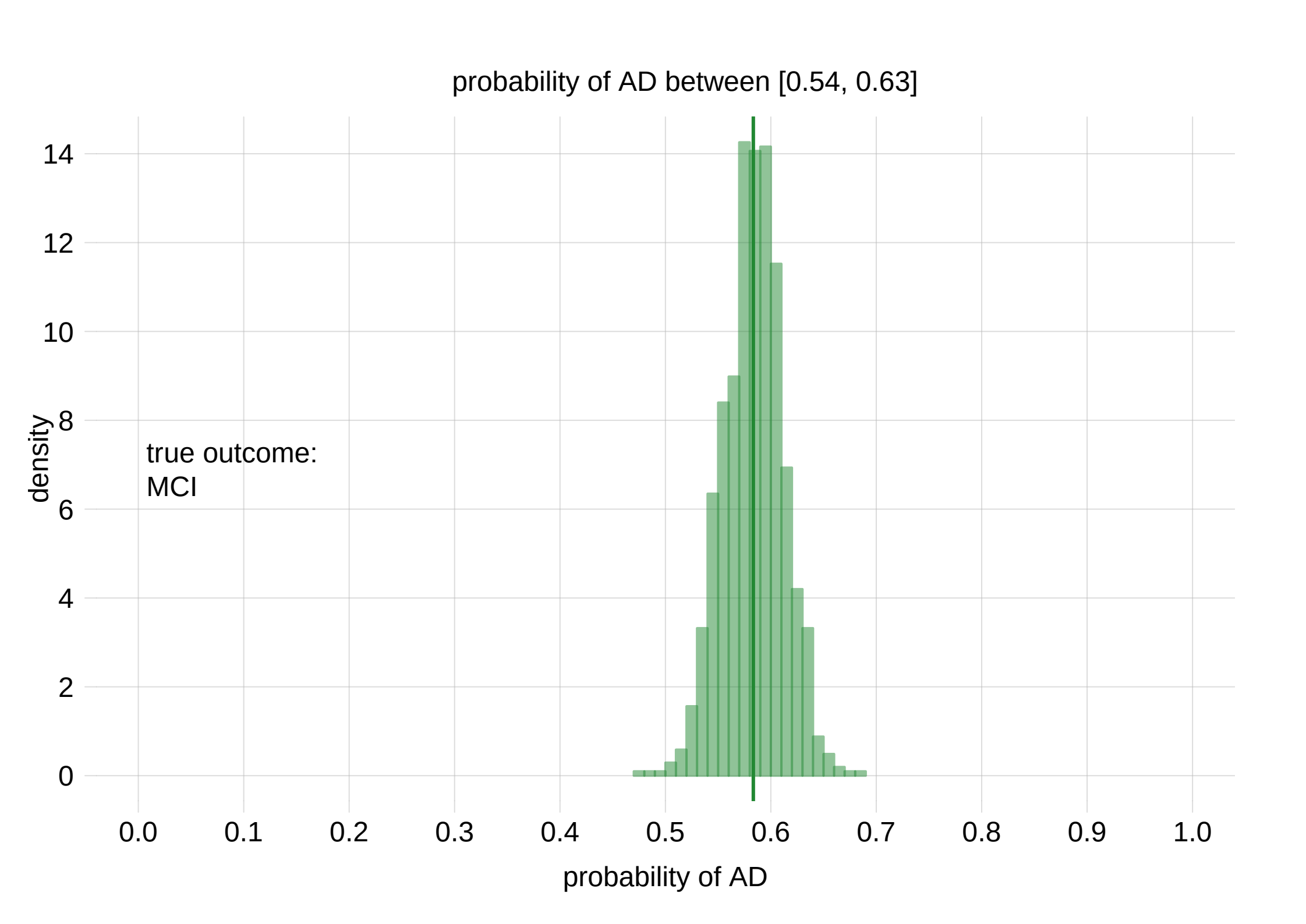

probability of AD between [0.23, 0.35]
density
true outcome:
MCI
probability of AD
0
1
2
3
4
5
6
7
8
9
10
11
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0

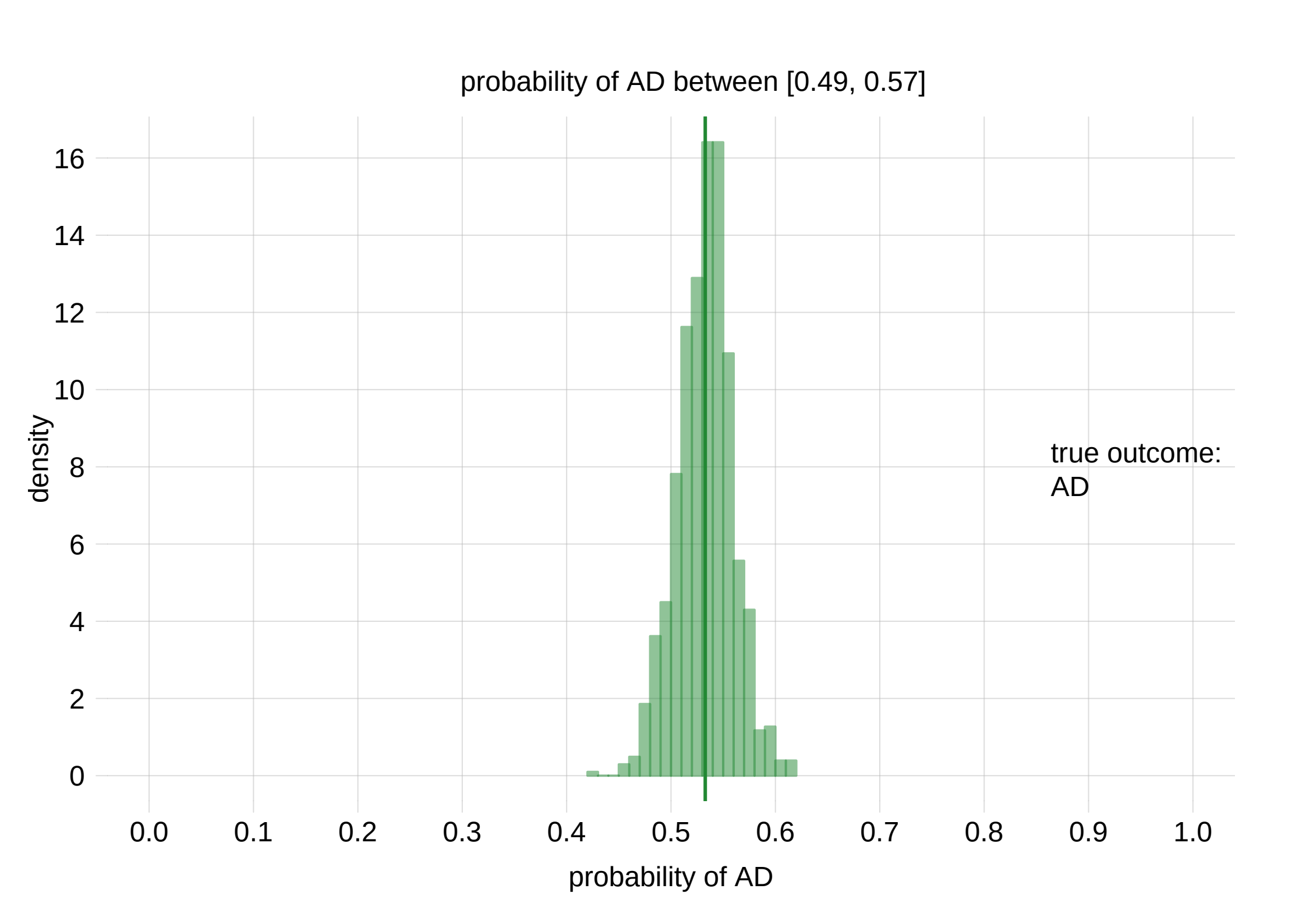

probability of AD between [0.41, 0.49]
density
16
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

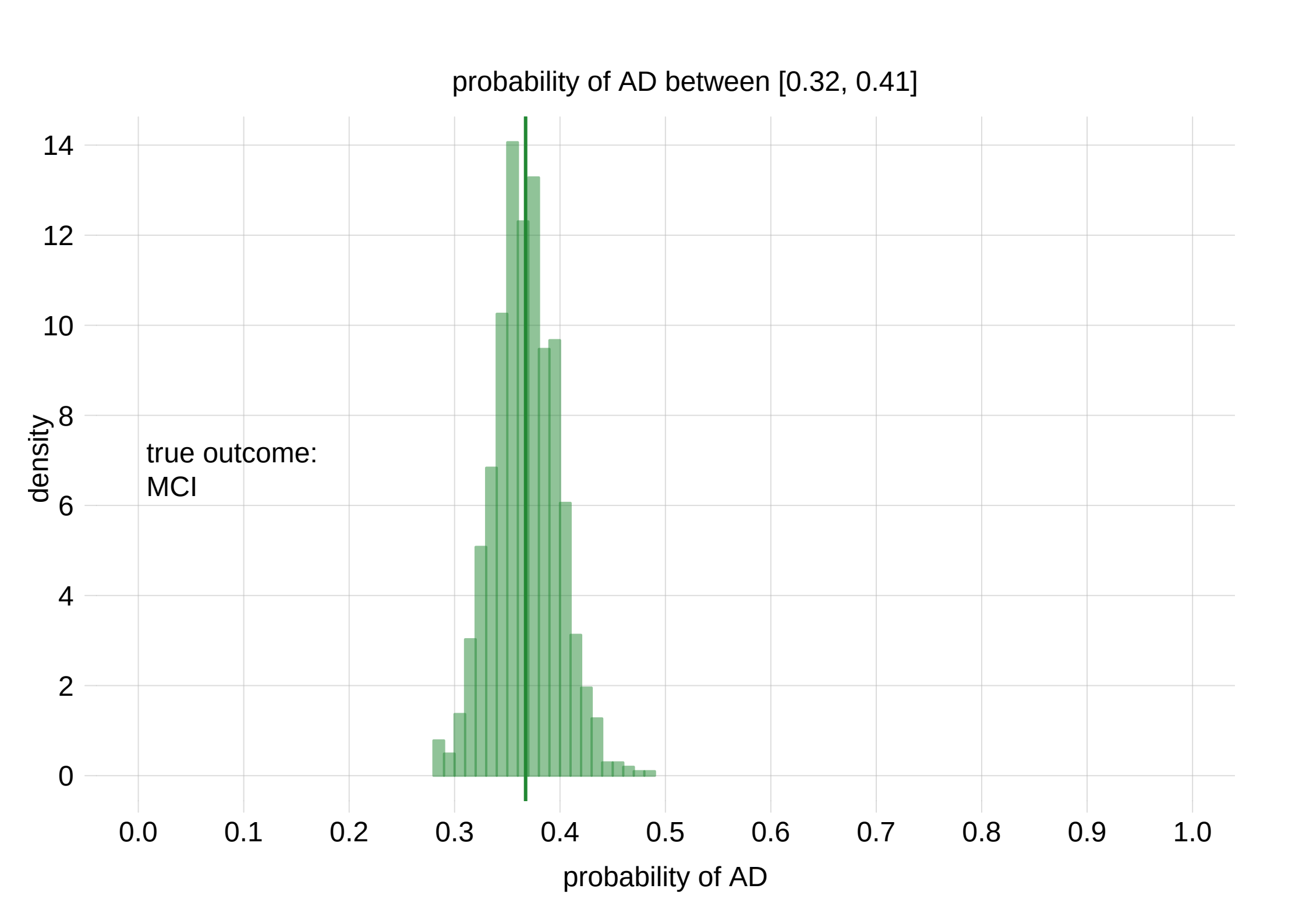

probability of AD between [0.53, 0.64]
density
probability of AD
true outcome:
AD
0
1
2
3
4
5
6
7
8
9
10
11
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0

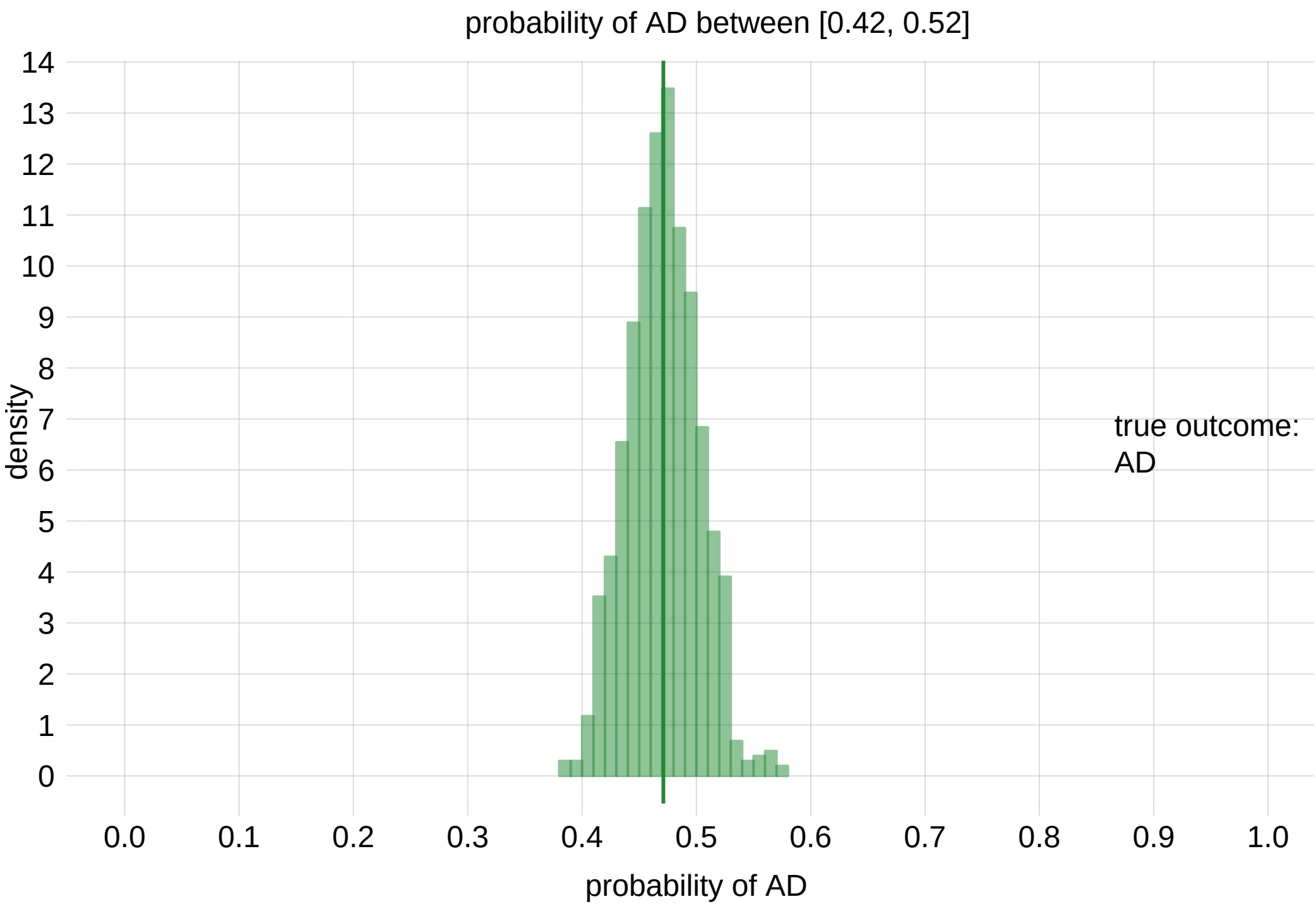

probability of AD between [0.55, 0.65]
density
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

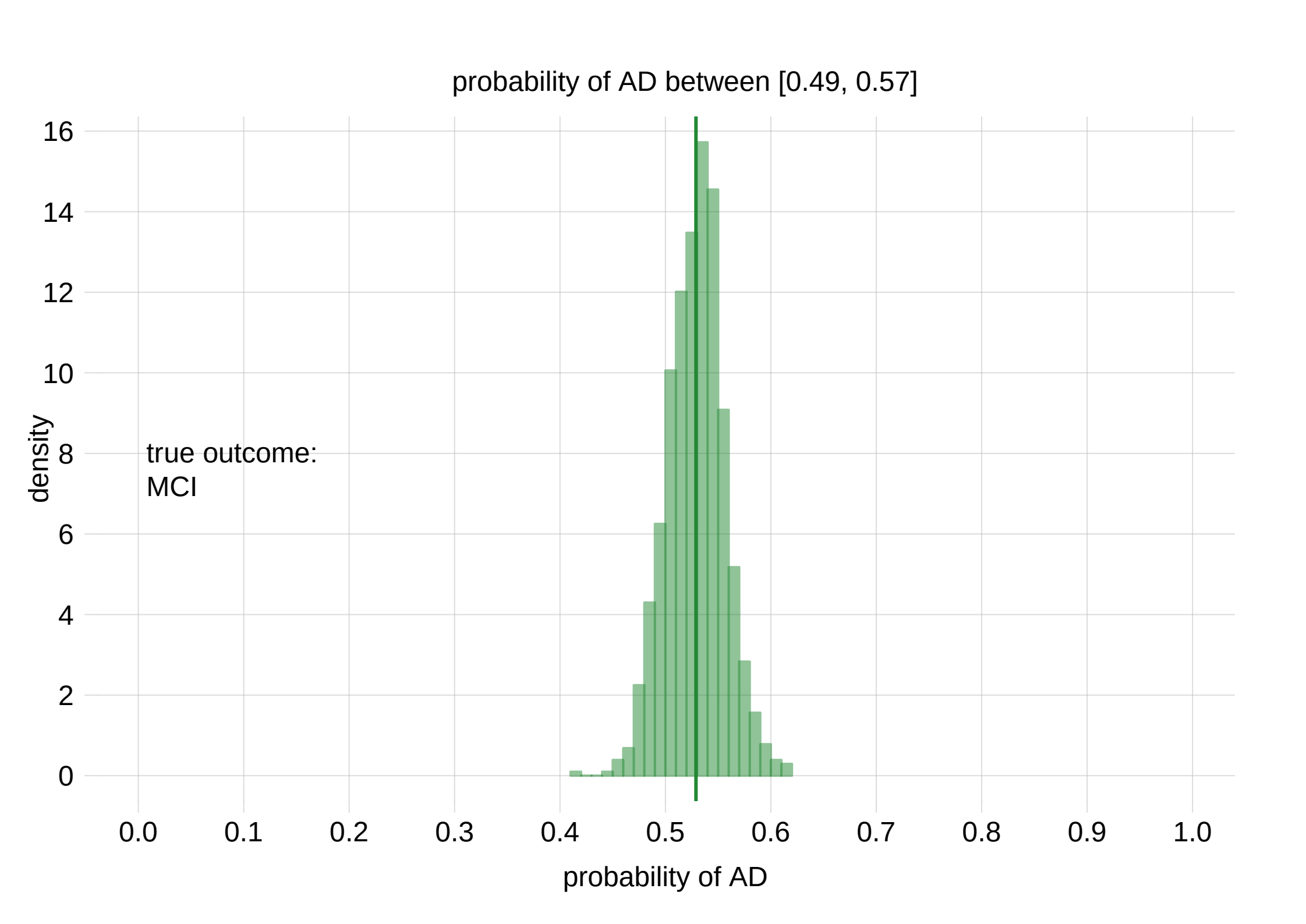

probability of AD between [0.54, 0.65]
density
0
1
2
3
4
5
6
7
8
9
10
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

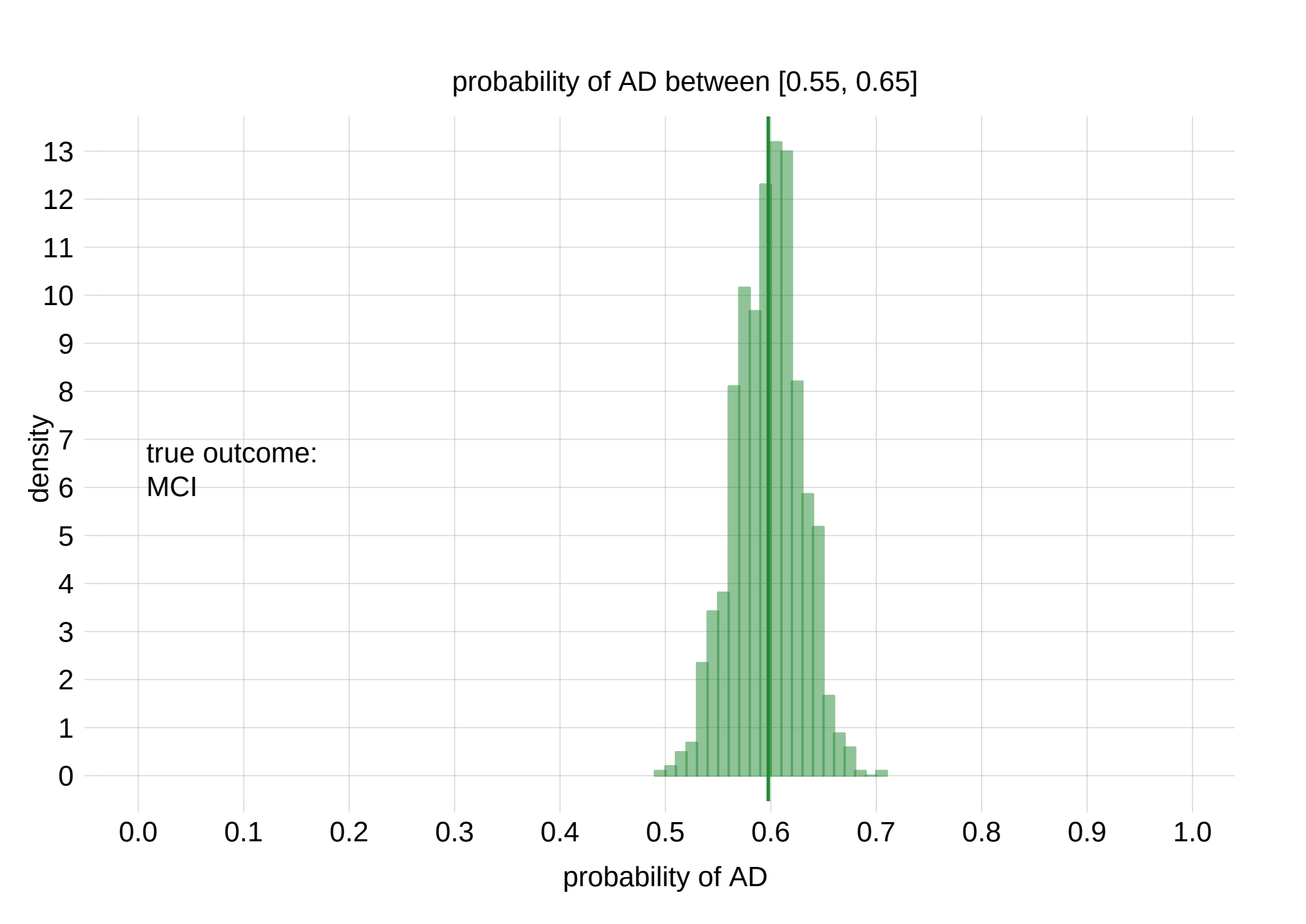

probability of AD between [0.54, 0.63]
density
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

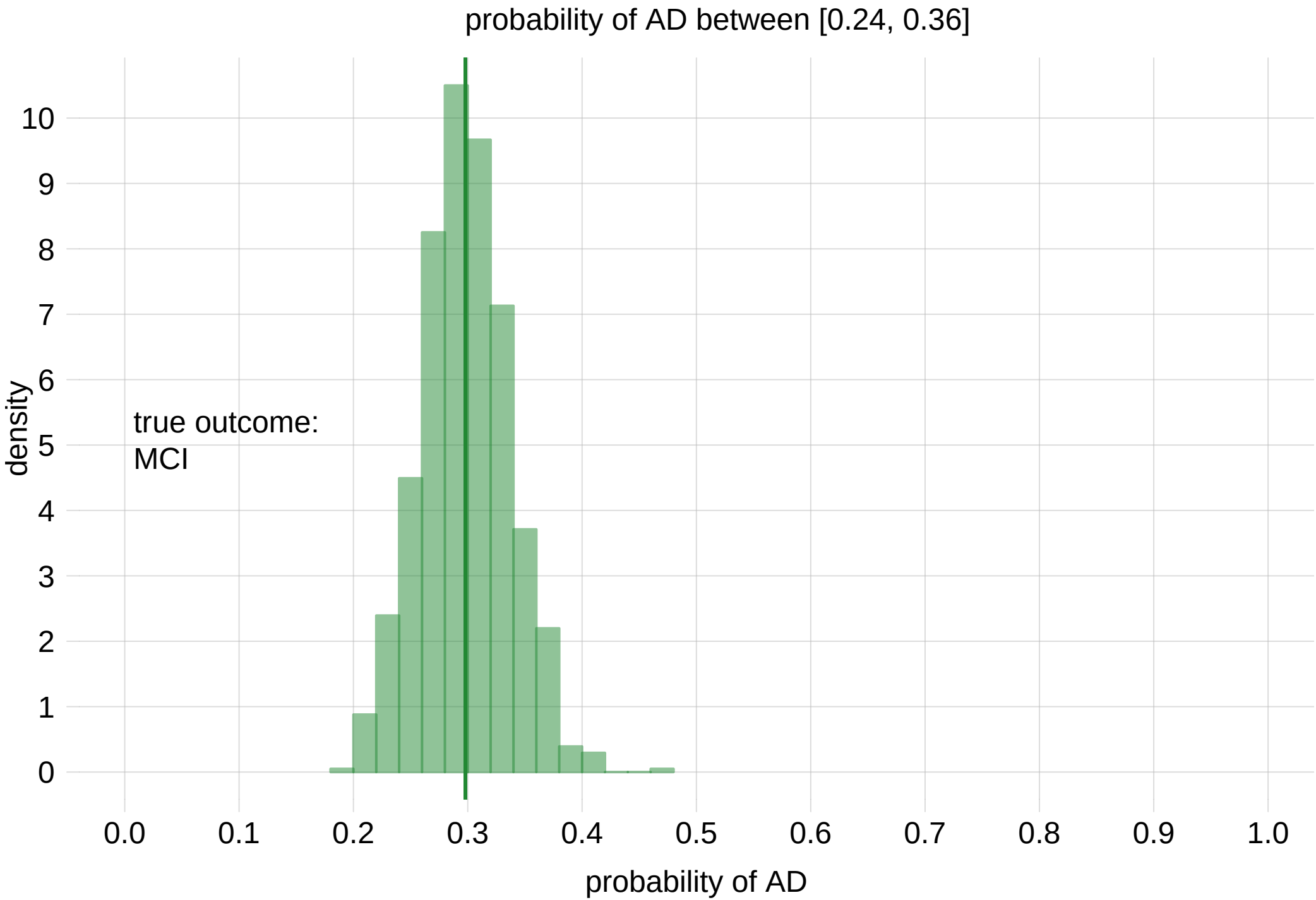

probability of AD between [0.49, 0.57]
density
16
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

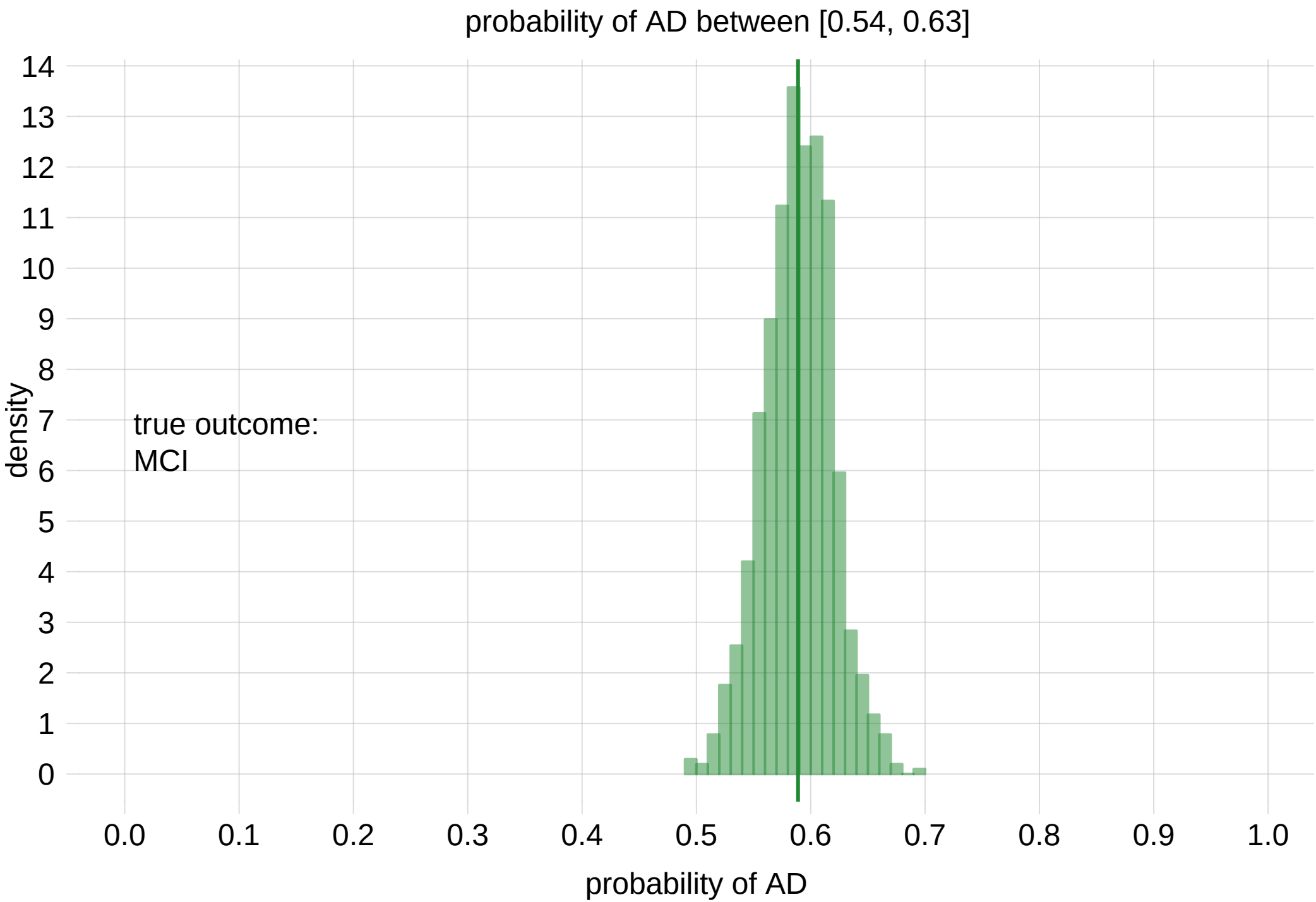

probability of AD between [0.32, 0.41]
density
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

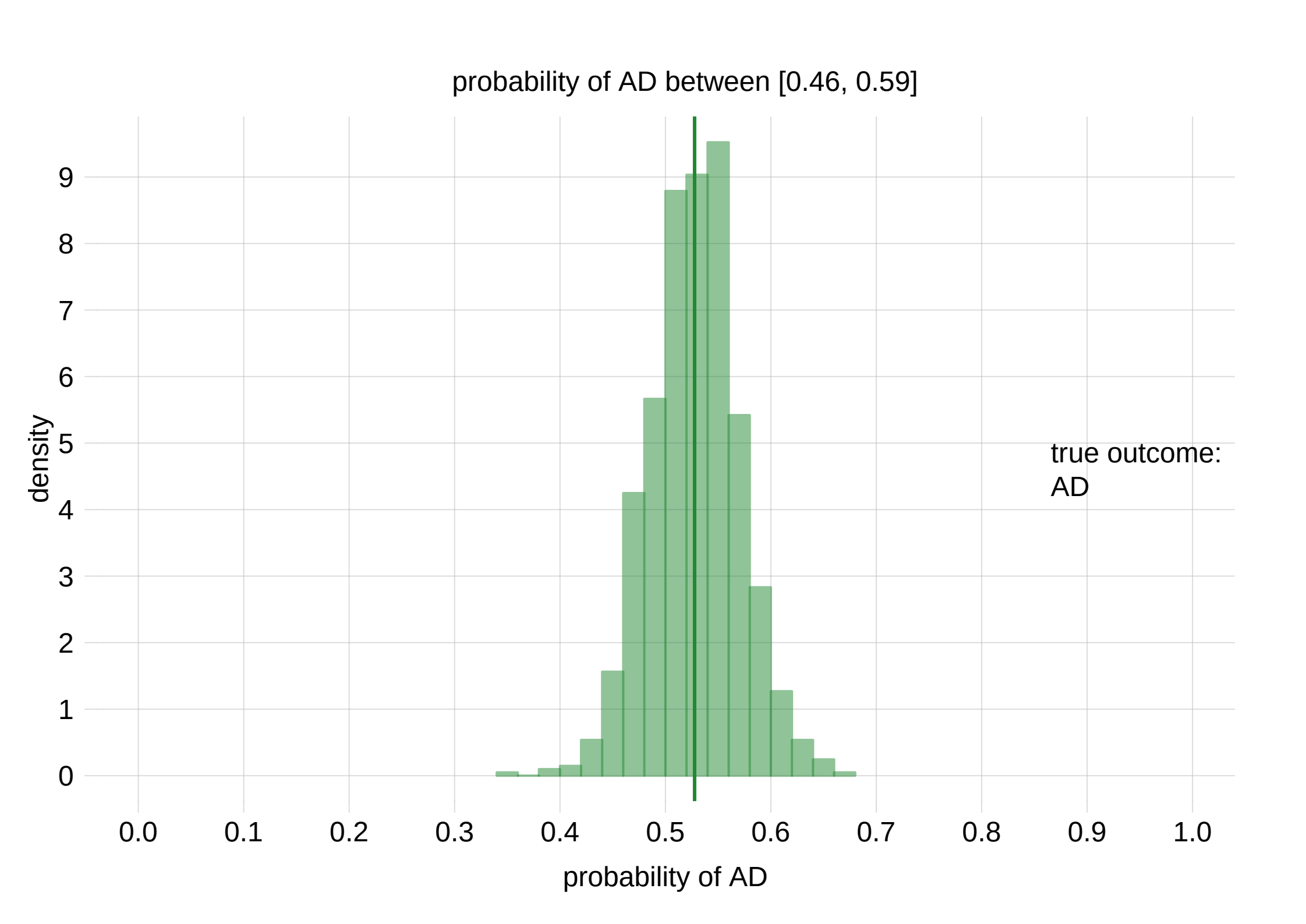

probability of AD between [0.42, 0.52]
density
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

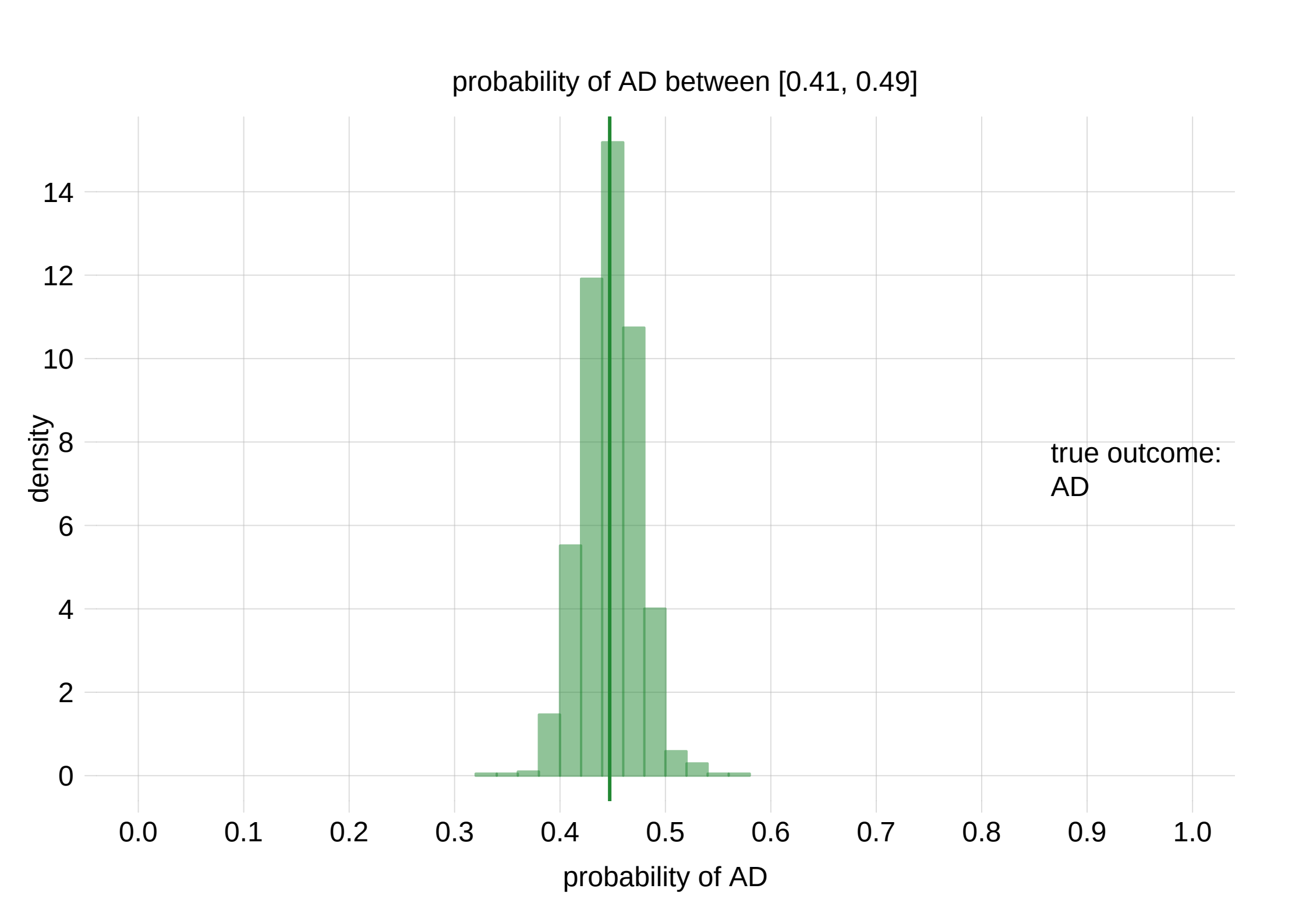

probability of AD between [0.49, 0.57]
16
14
12
10
8
6
4
2
0
density
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

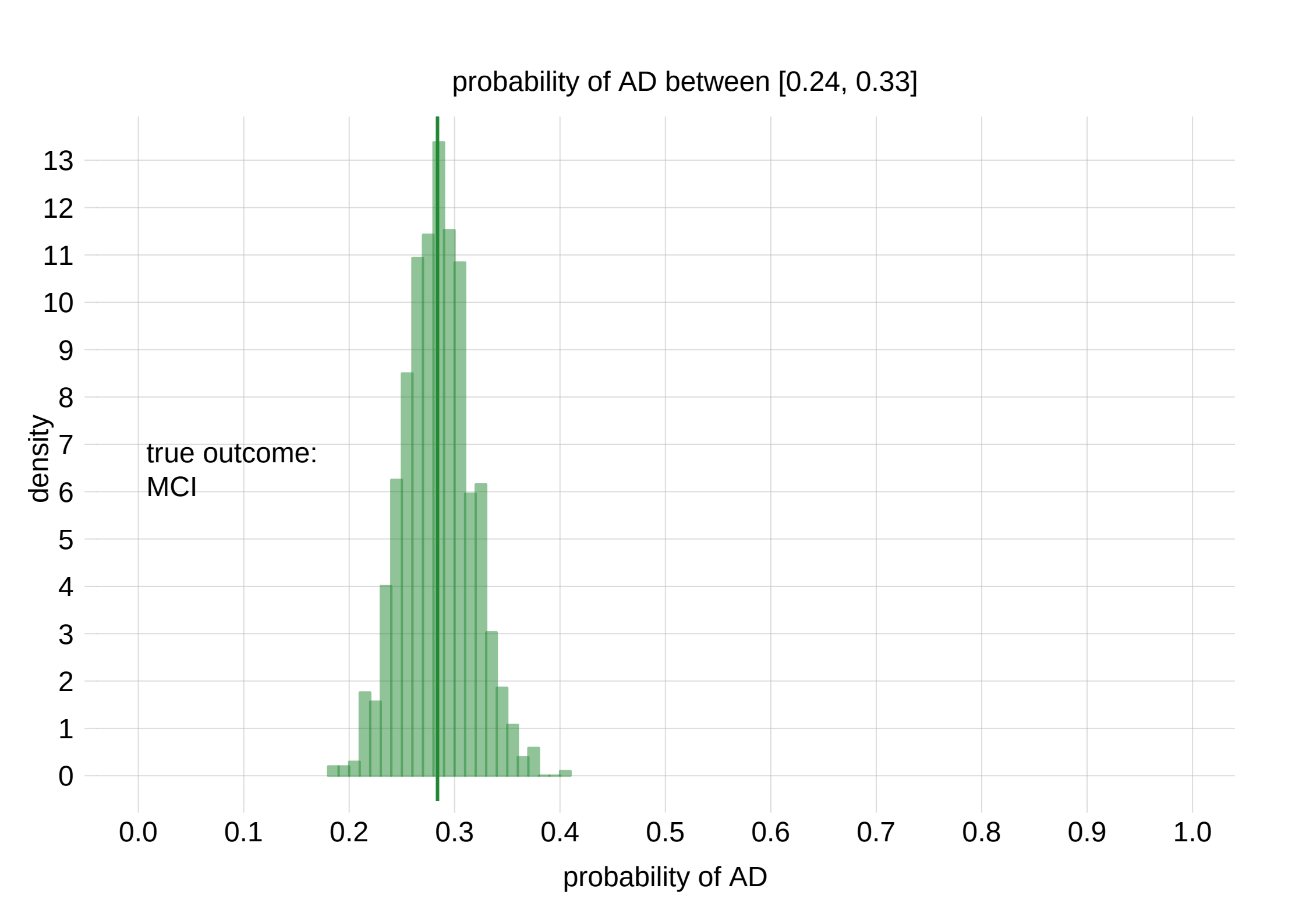

probability of AD between [0.55, 0.65]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
9
10
11
12
13
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

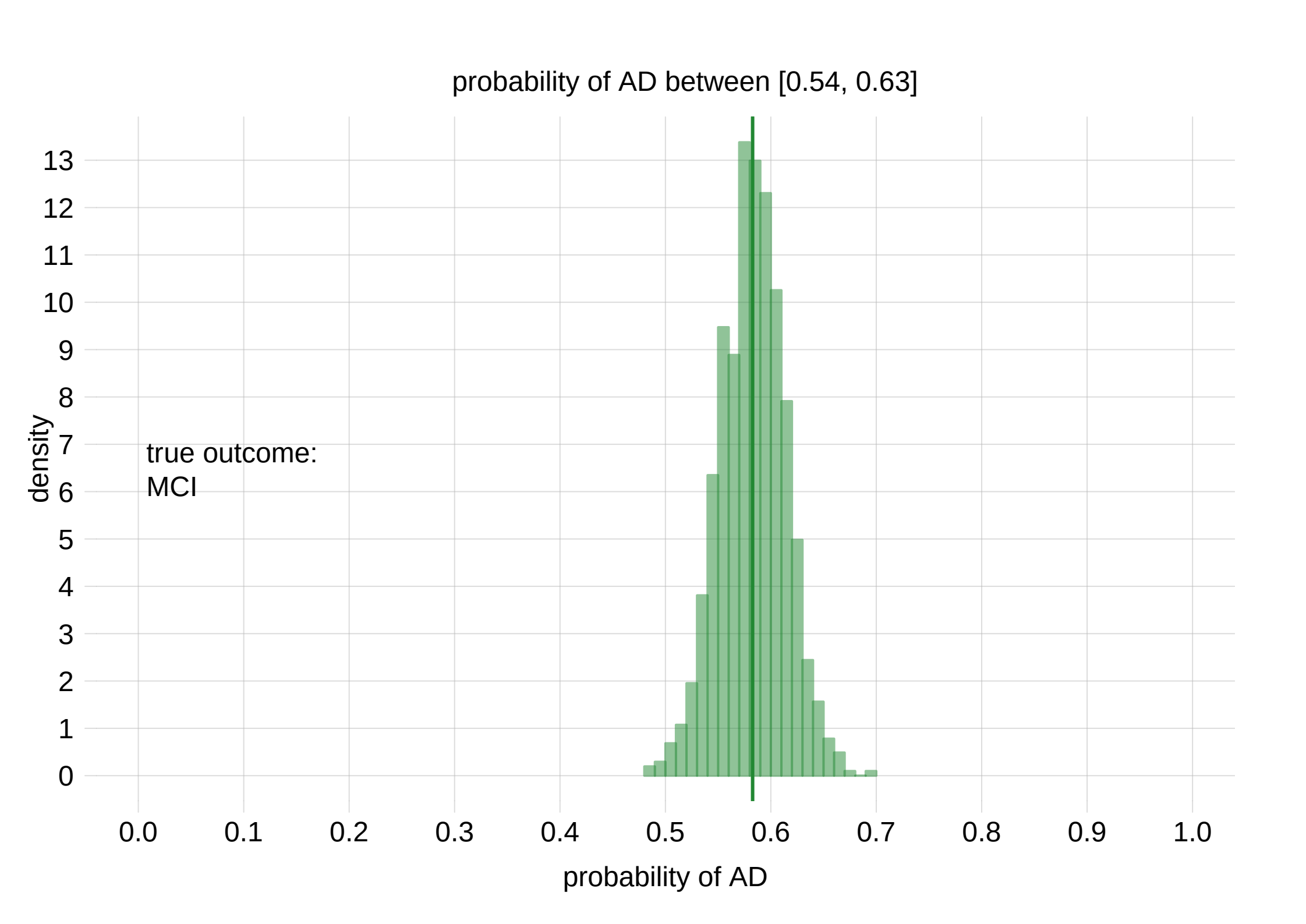

probability of AD between [0.24, 0.36]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
9
10
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

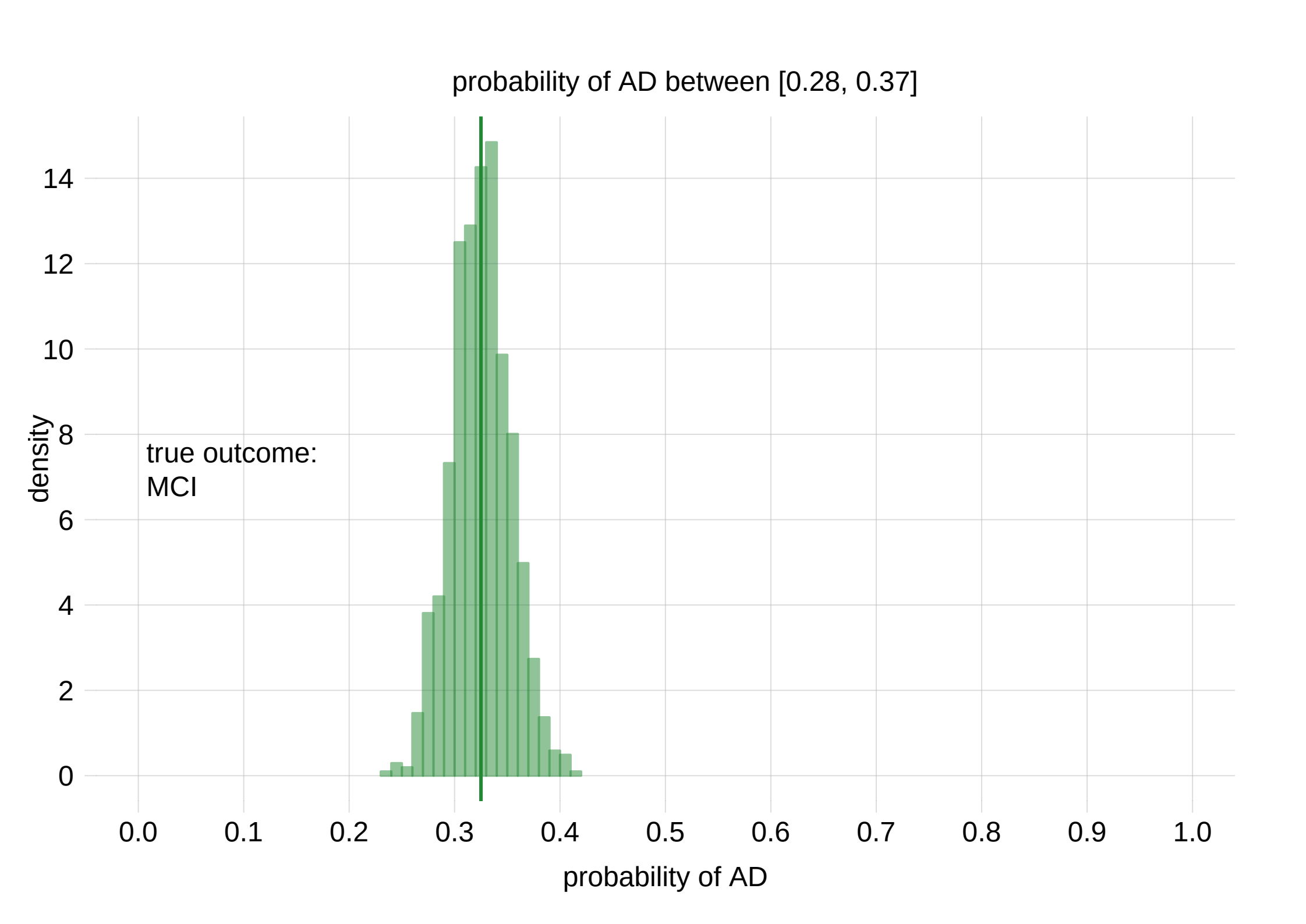

probability of AD between [0.54, 0.63]
density
true outcome:
MCI
probability of AD
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0

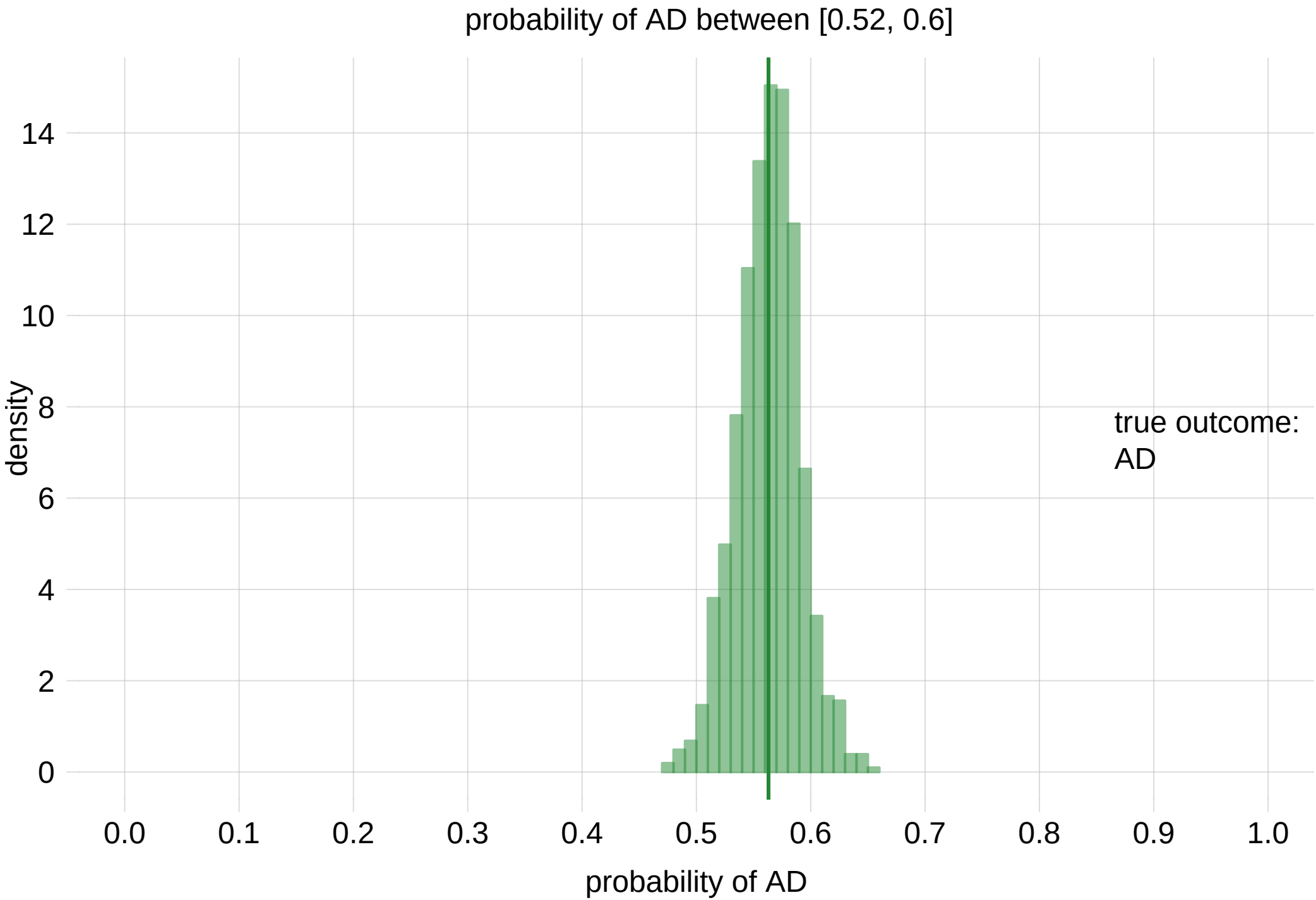

probability of AD between [0.46, 0.59]
density
0
1
2
3
4
5
6
7
8
9
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

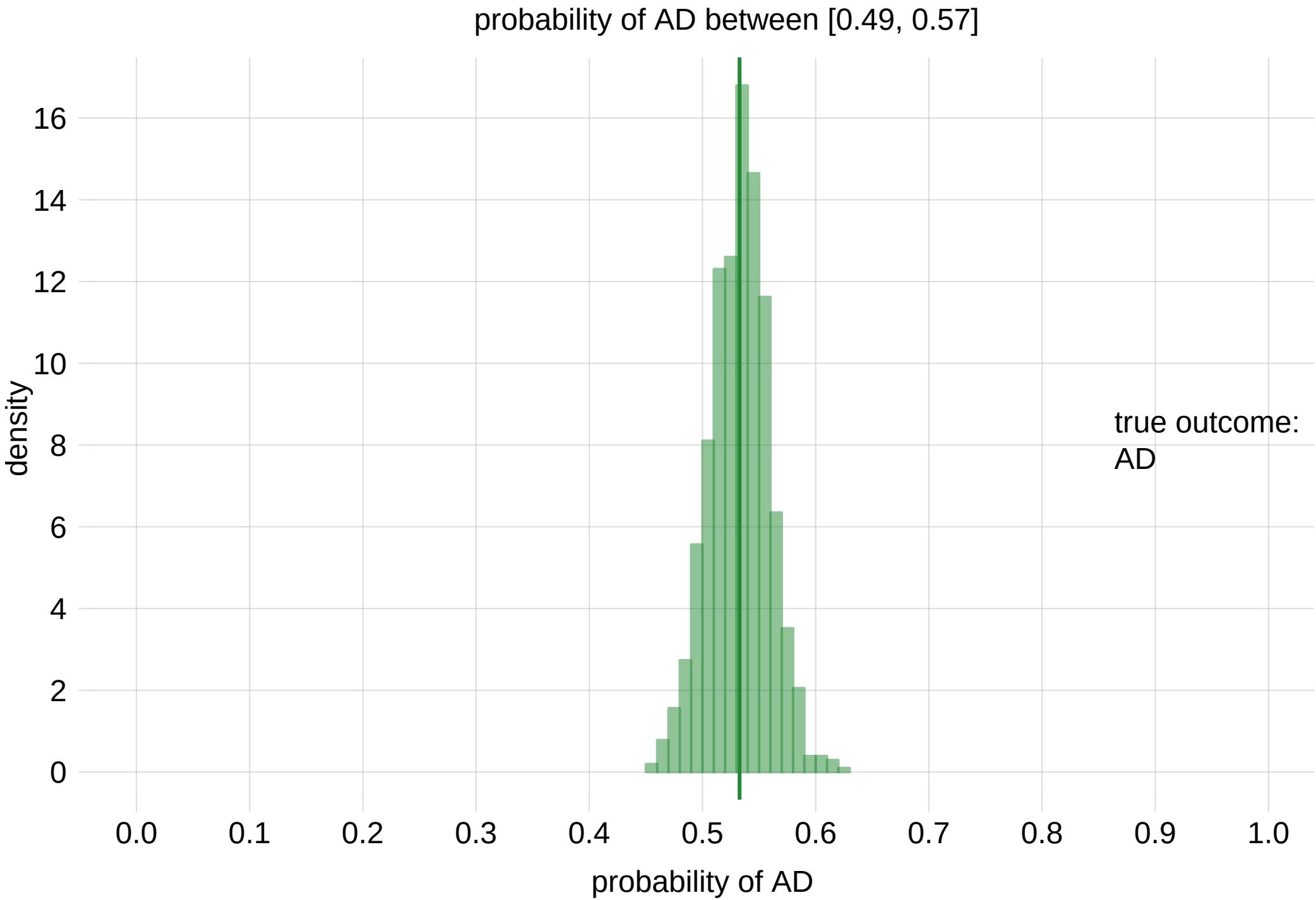

probability of AD between [0.41, 0.49]
density
0
2
4
6
8
10
12
14
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

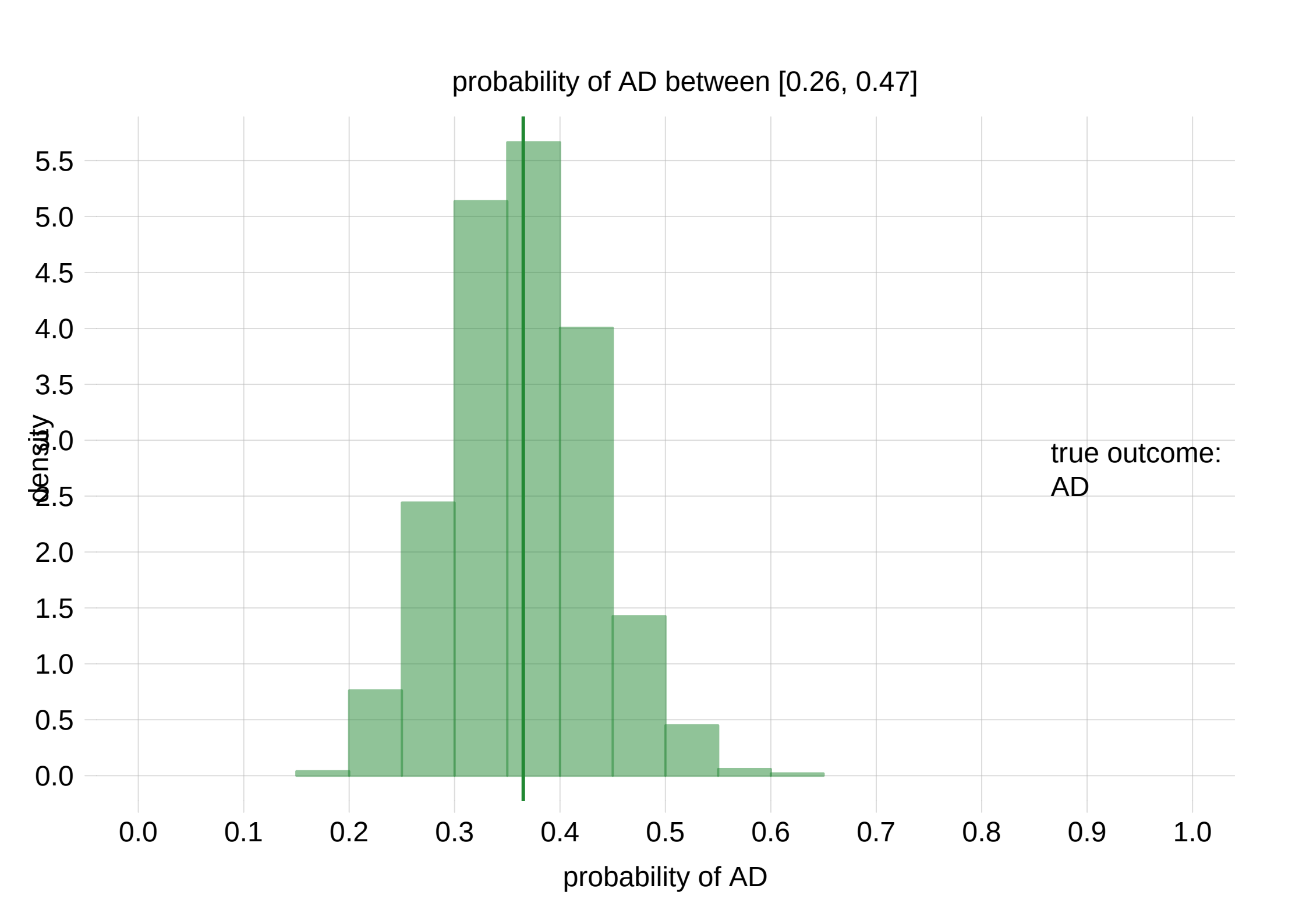

probability of AD between [0.24, 0.33]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
9
10
11
12
13
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

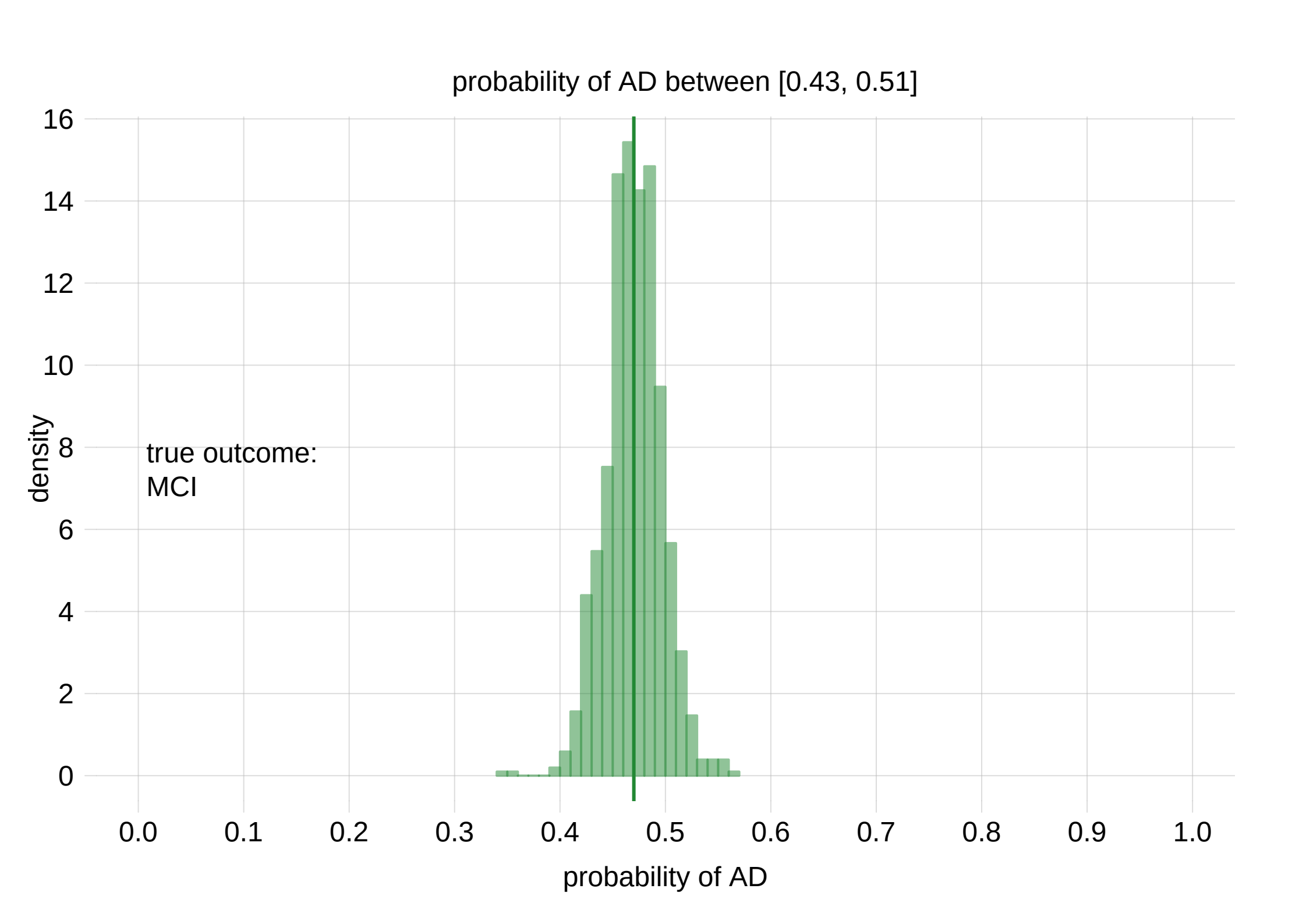

probability of AD between [0.54, 0.63]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
9
10
11
12
13
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

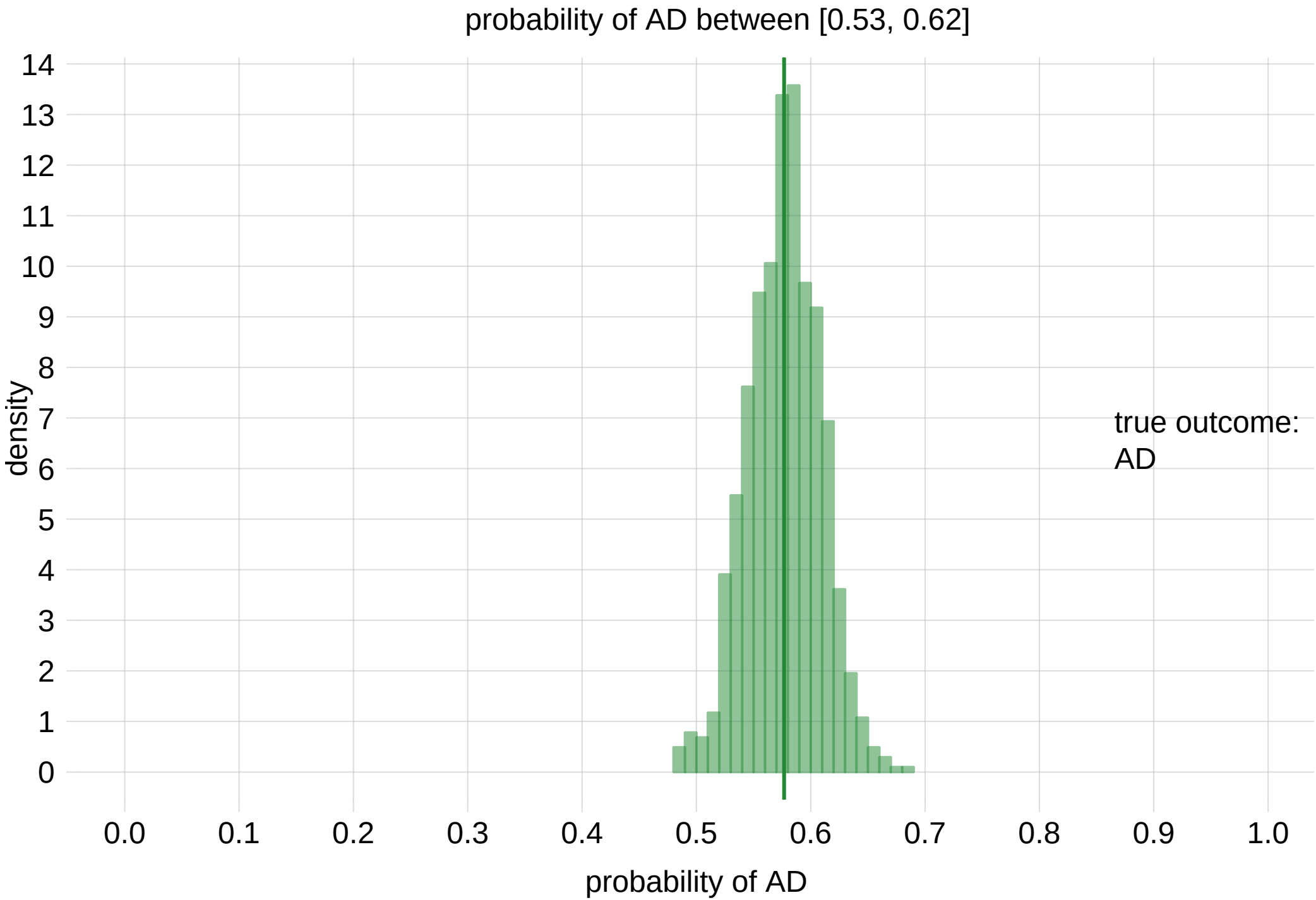

probability of AD between [0.28, 0.37]
density
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

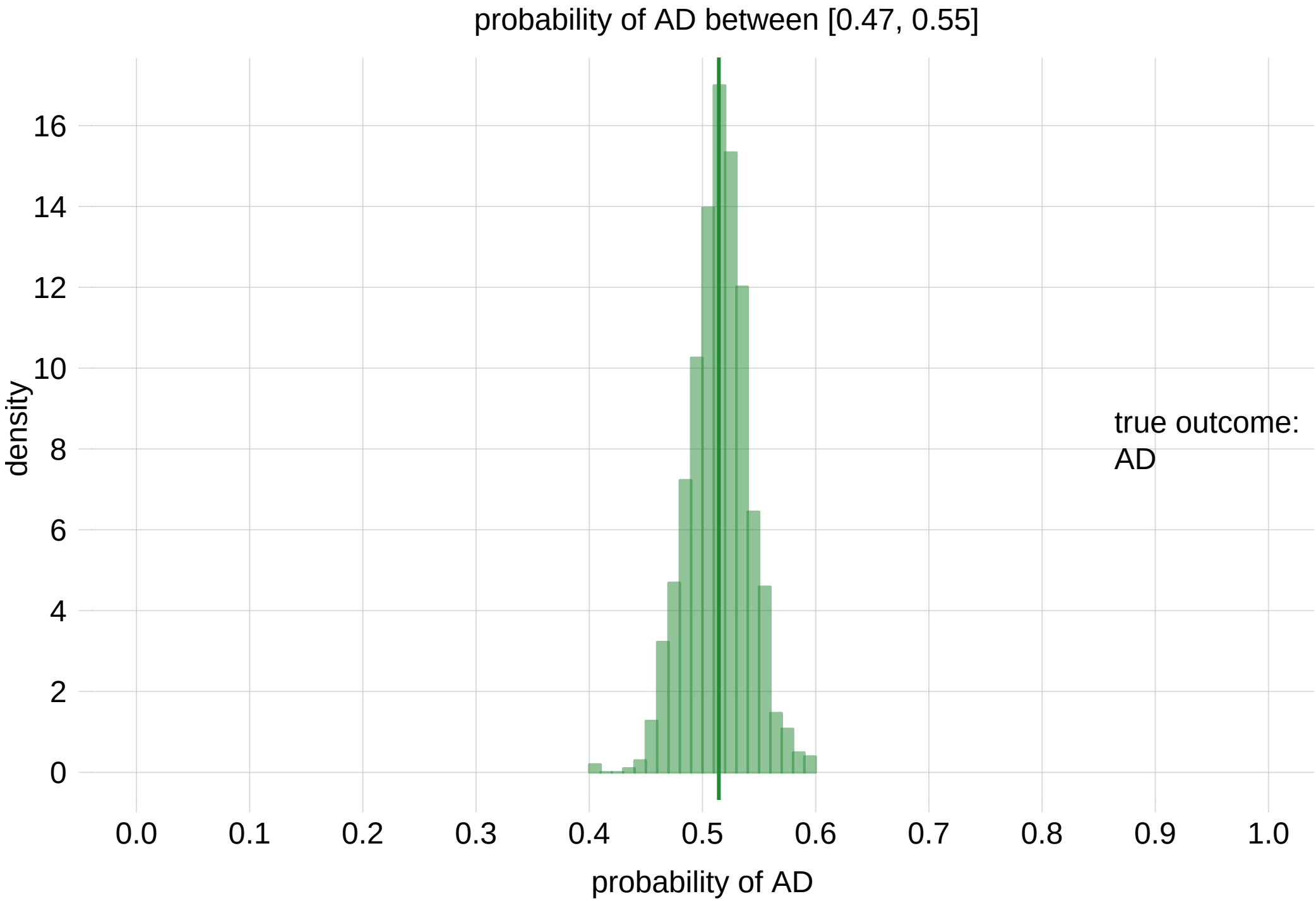

probability of AD between [0.52, 0.6]
density
0
2
4
6
8
10
12
14
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

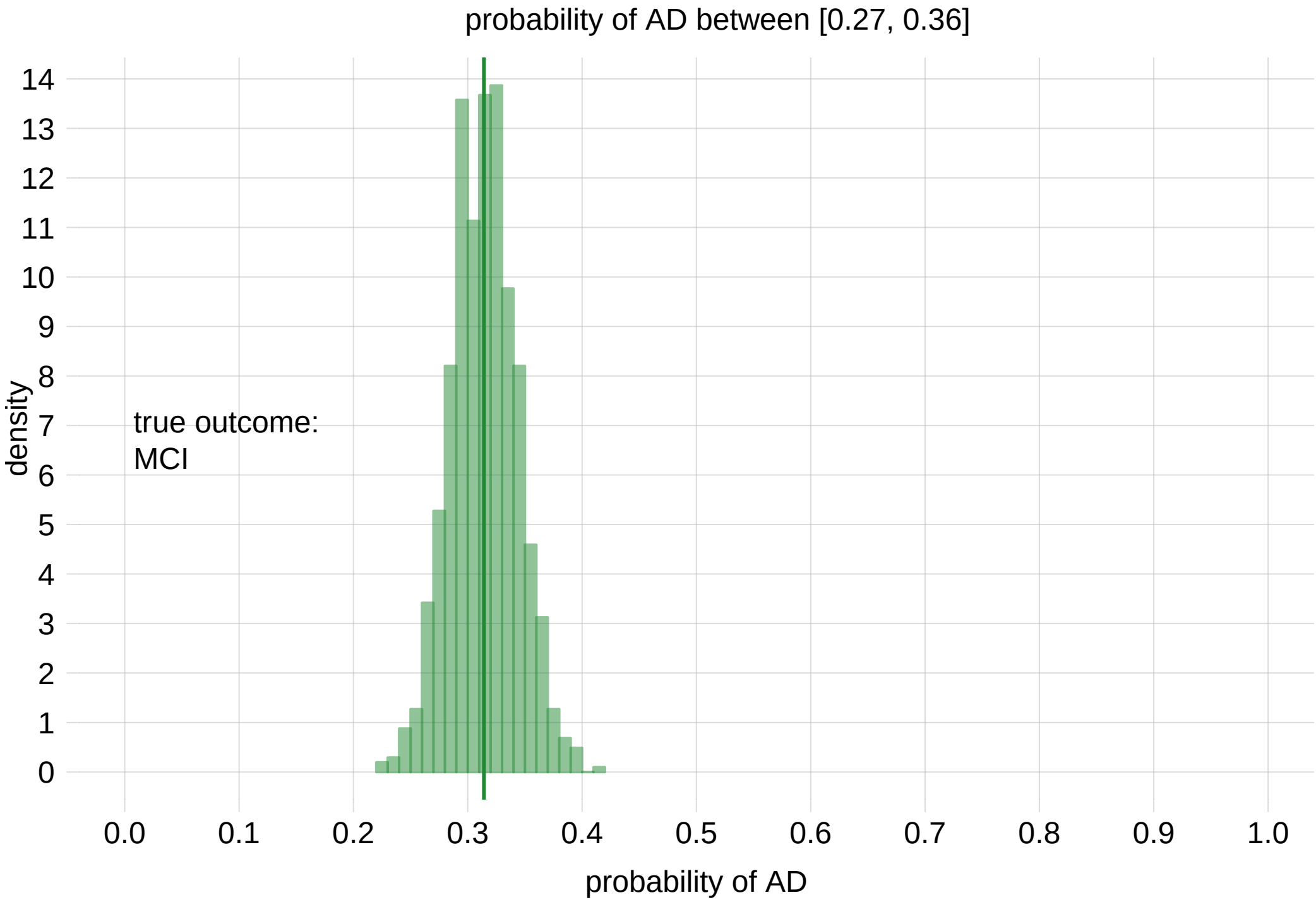

probability of AD between [0.49, 0.57]
density
16
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

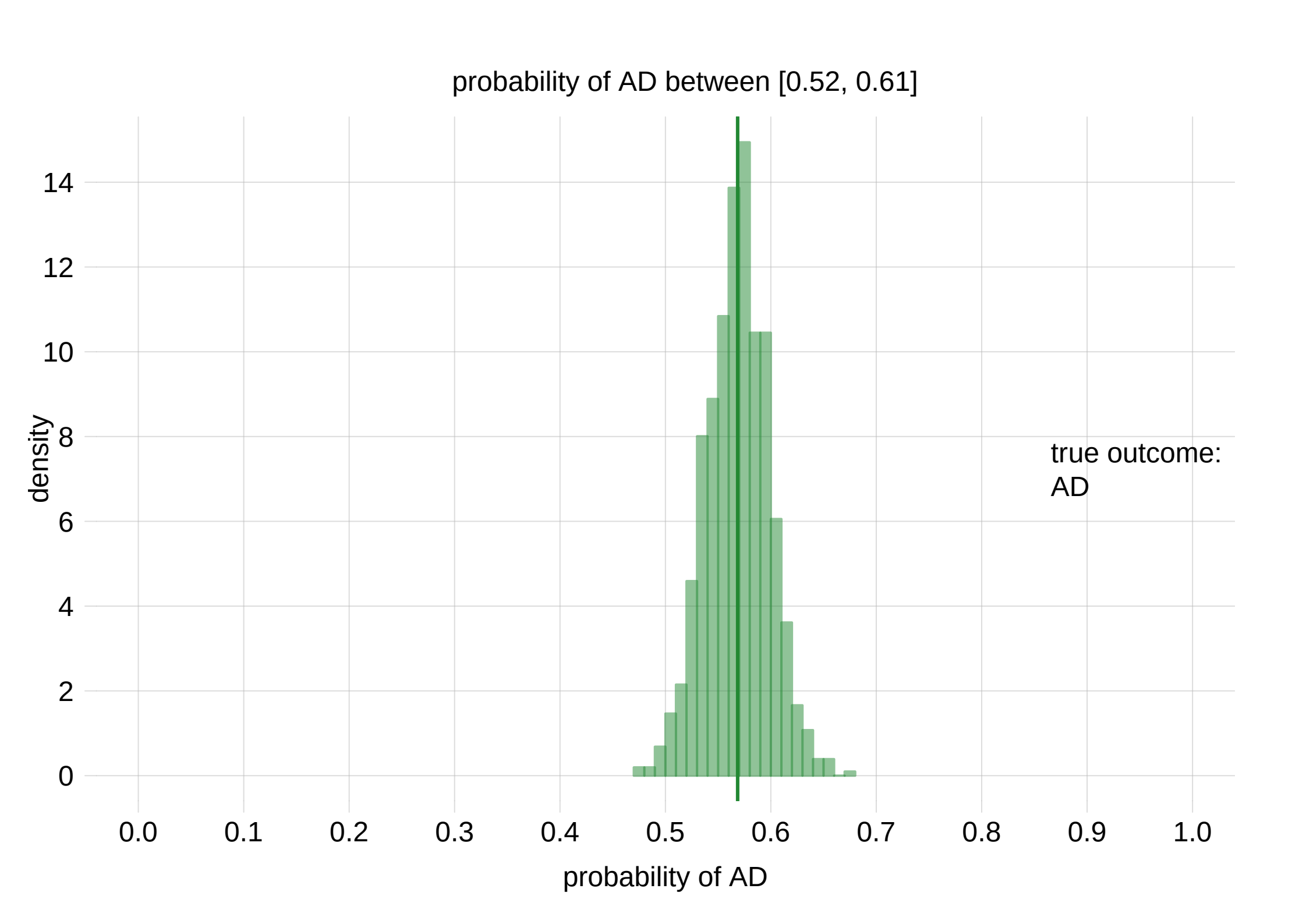

probability of AD between [0.26, 0.47]
density
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
true outcome:
AD
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

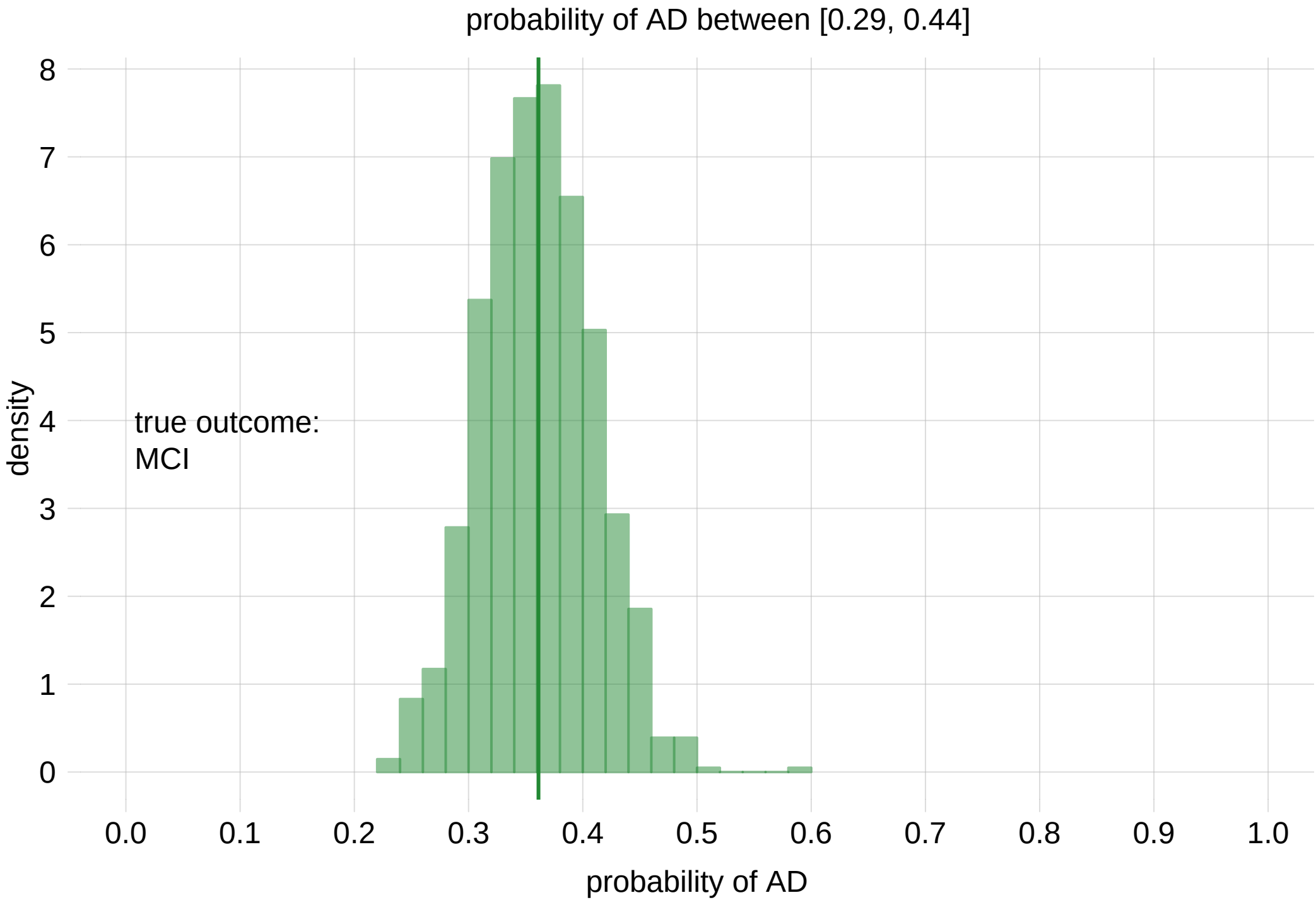

probability of AD between [0.43, 0.51]
16
14
12
10
8
6
4
2
0
density
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

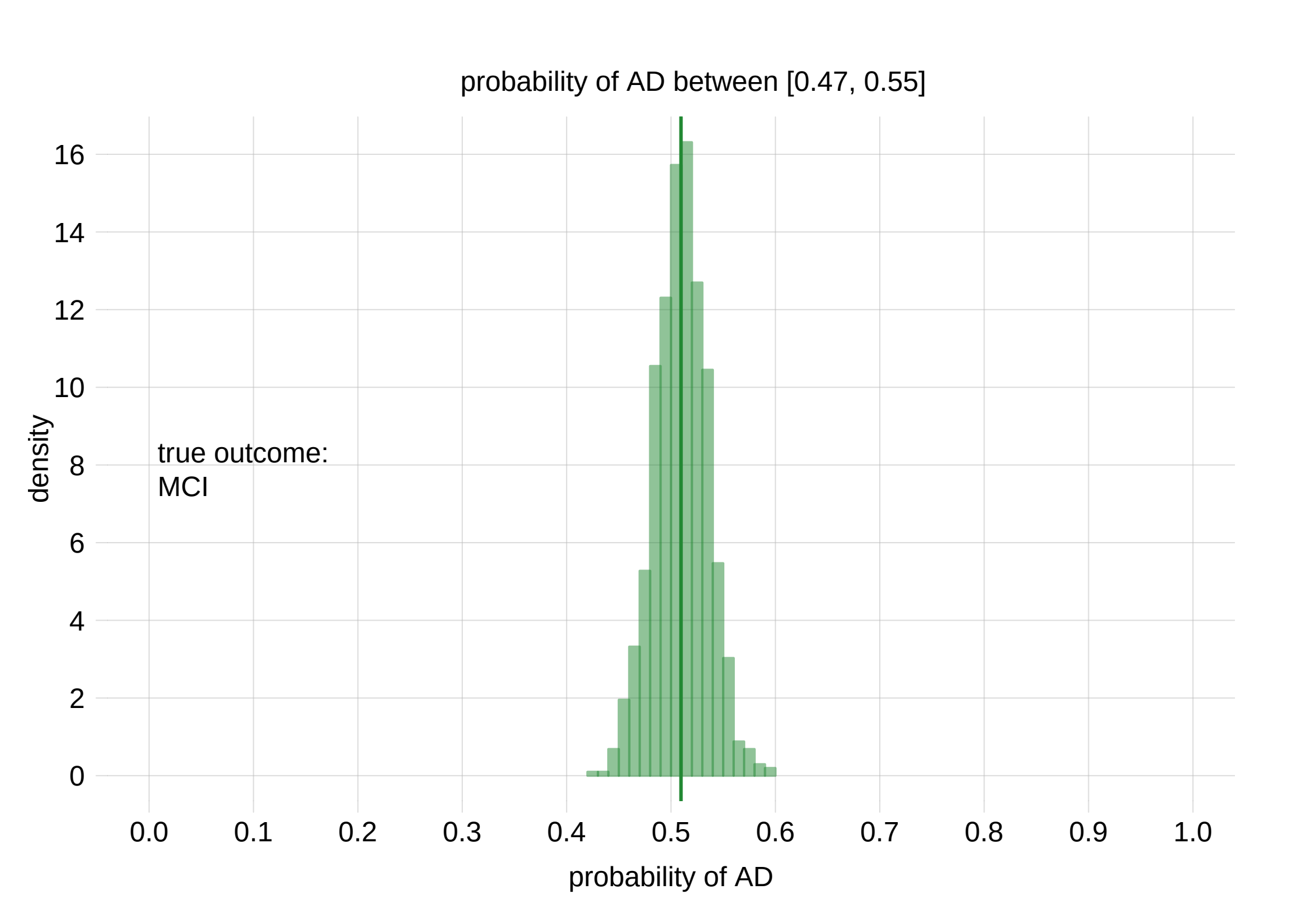

probability of AD between [0.53, 0.62]
density
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

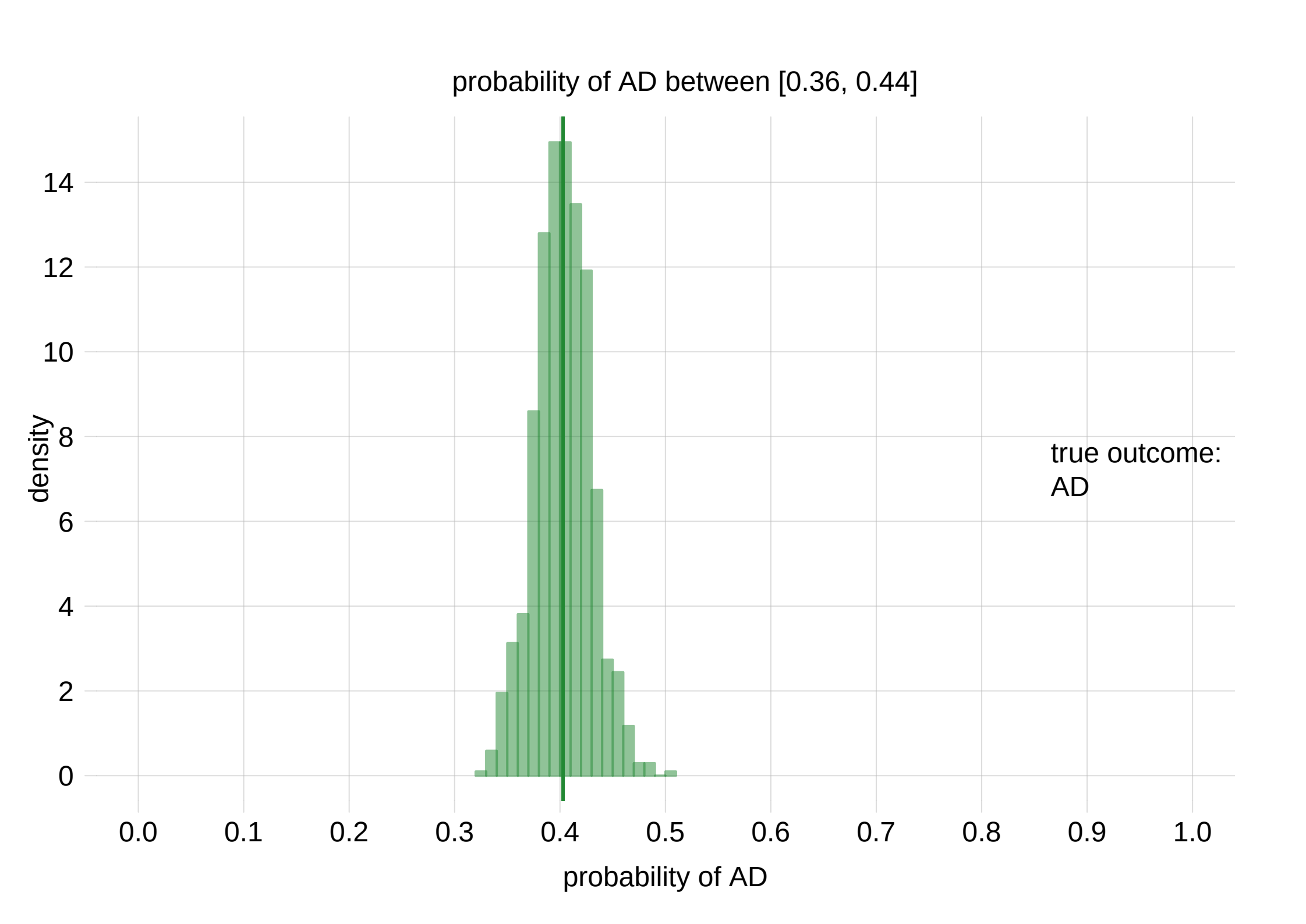

probability of AD between [0.47, 0.55]
density
16
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

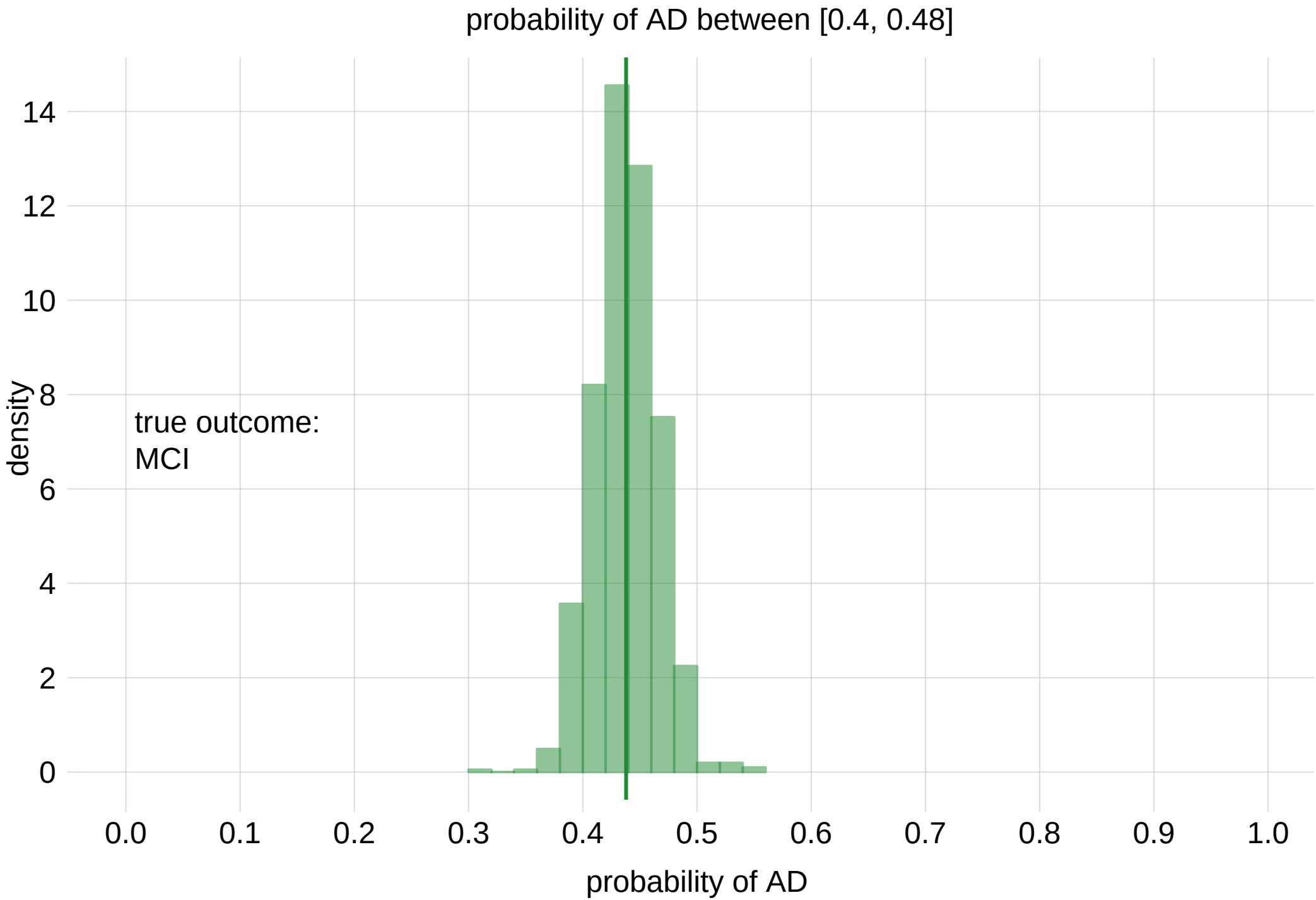

probability of AD between [0.27, 0.36]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

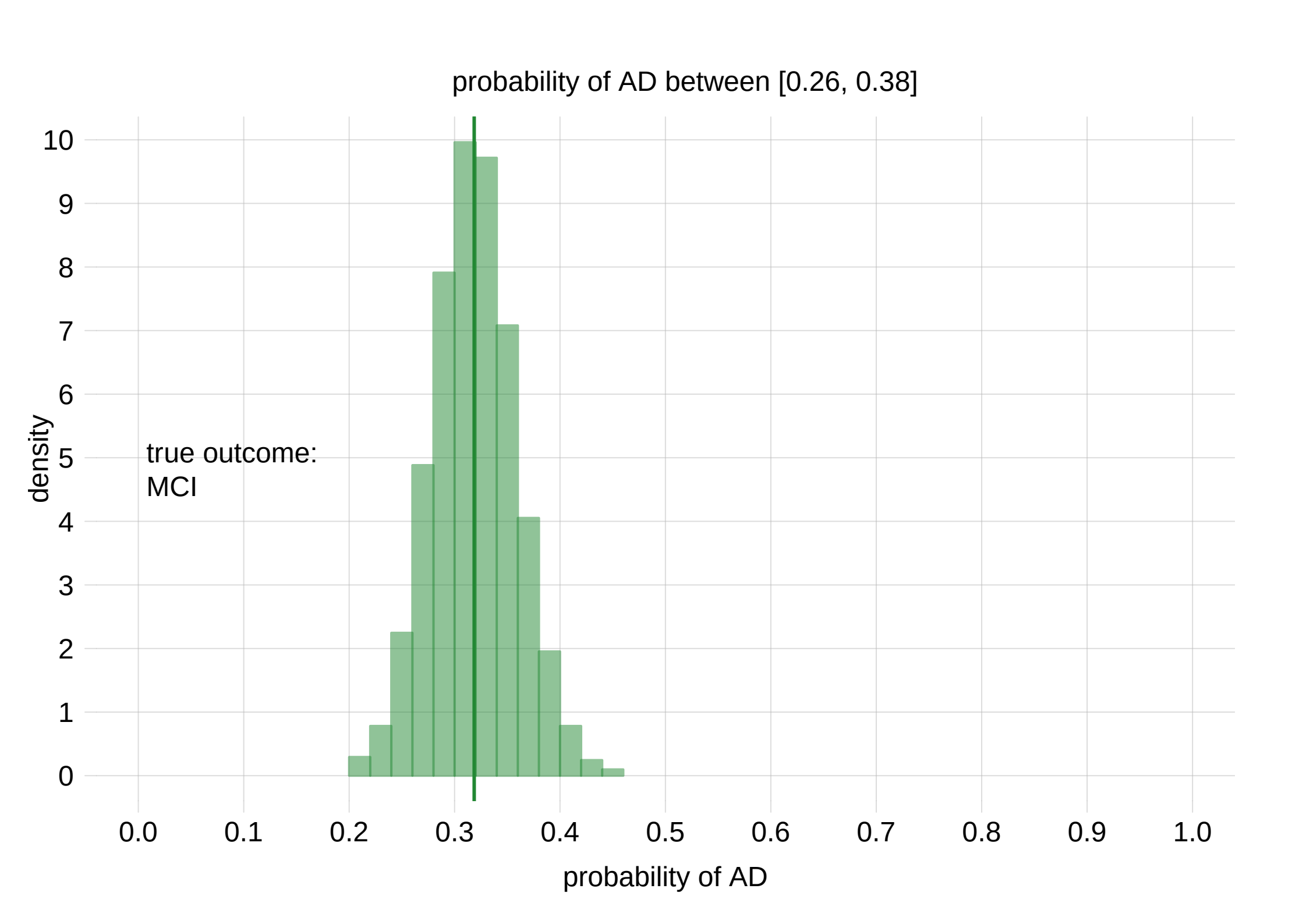

probability of AD between [0.52, 0.61]
density
0
2
4
6
8
10
12
14
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

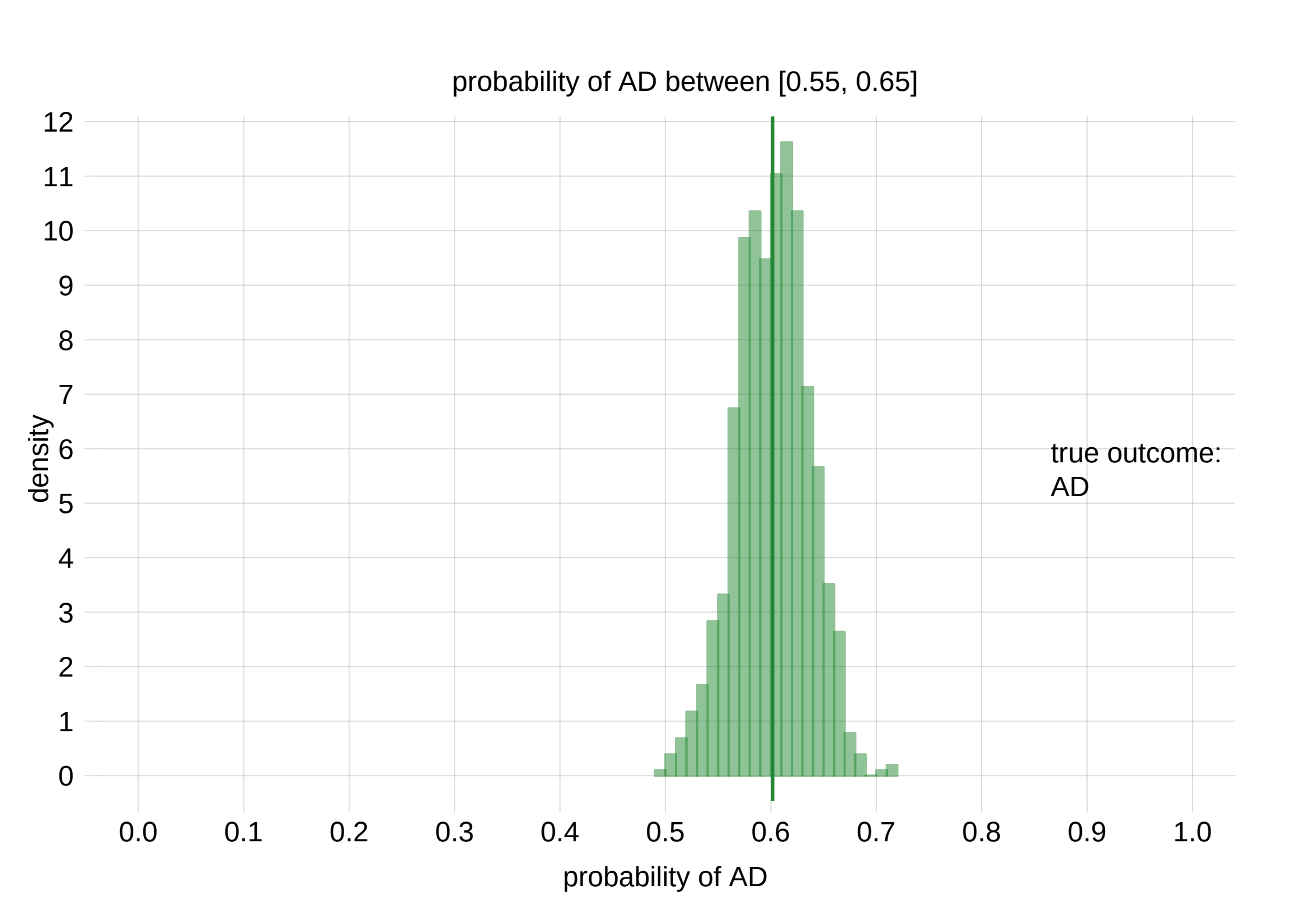

probability of AD between [0.29, 0.44]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

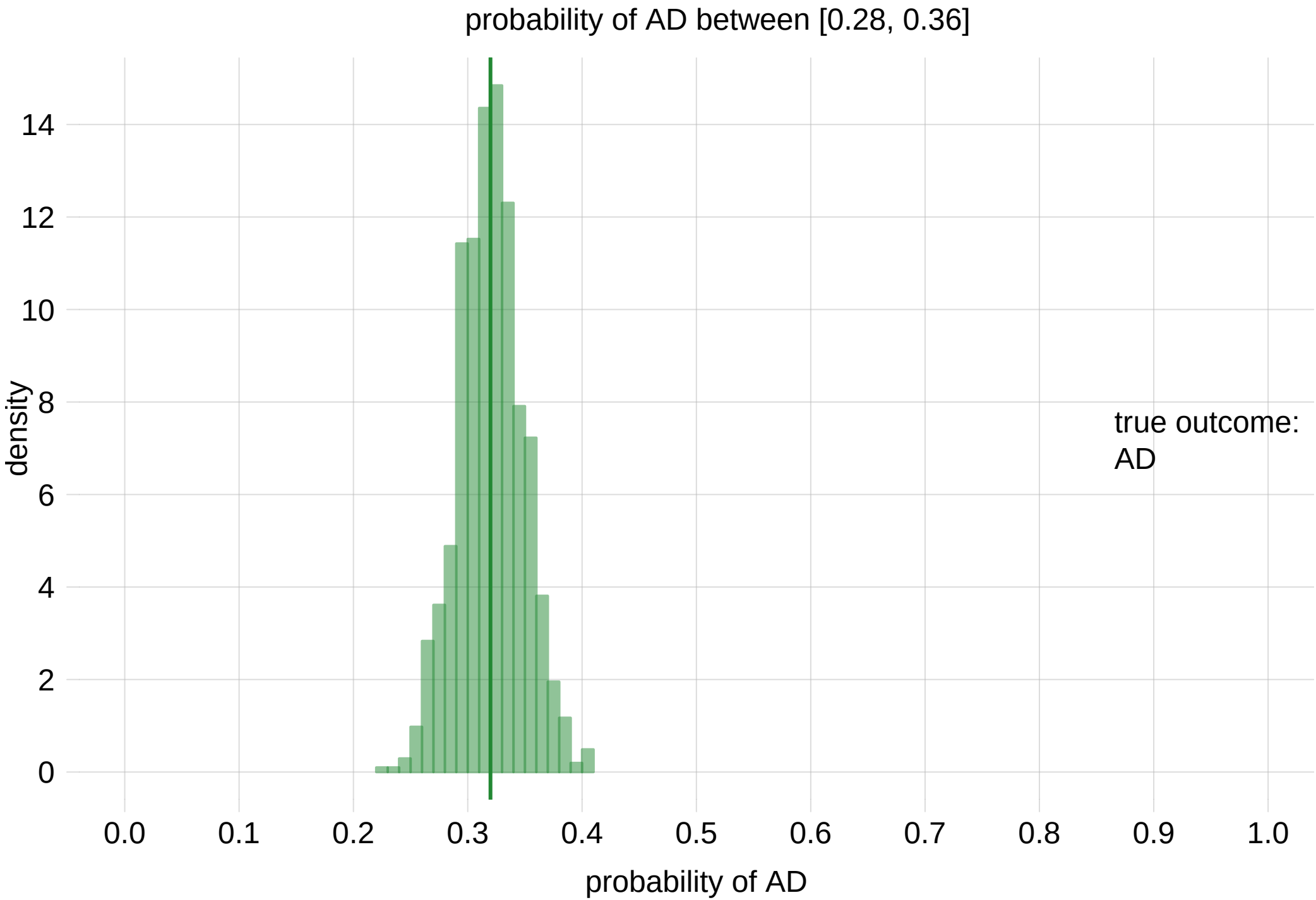

probability of AD between [0.47, 0.55]
density
16
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

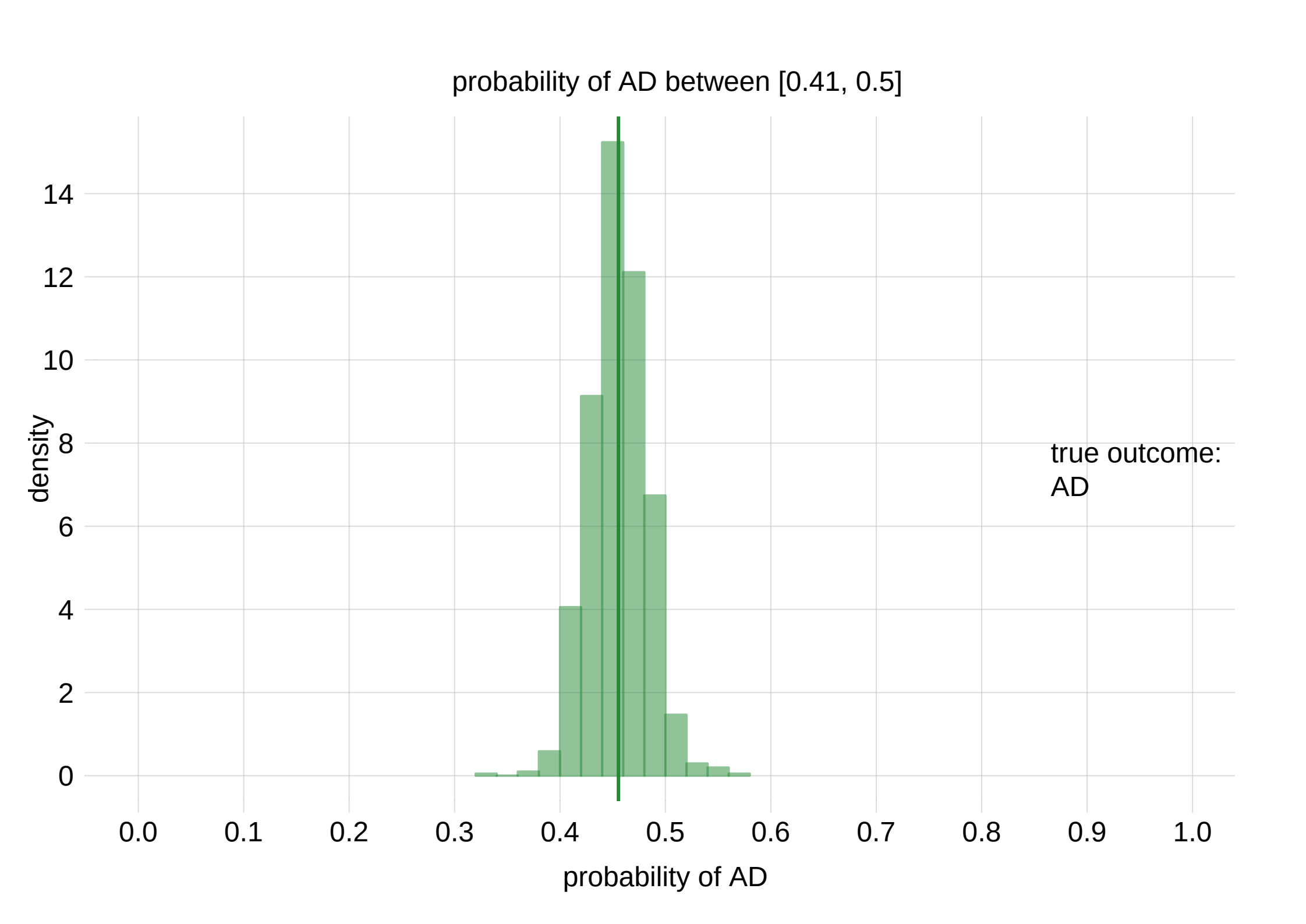

probability of AD between [0.36, 0.44]
density
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

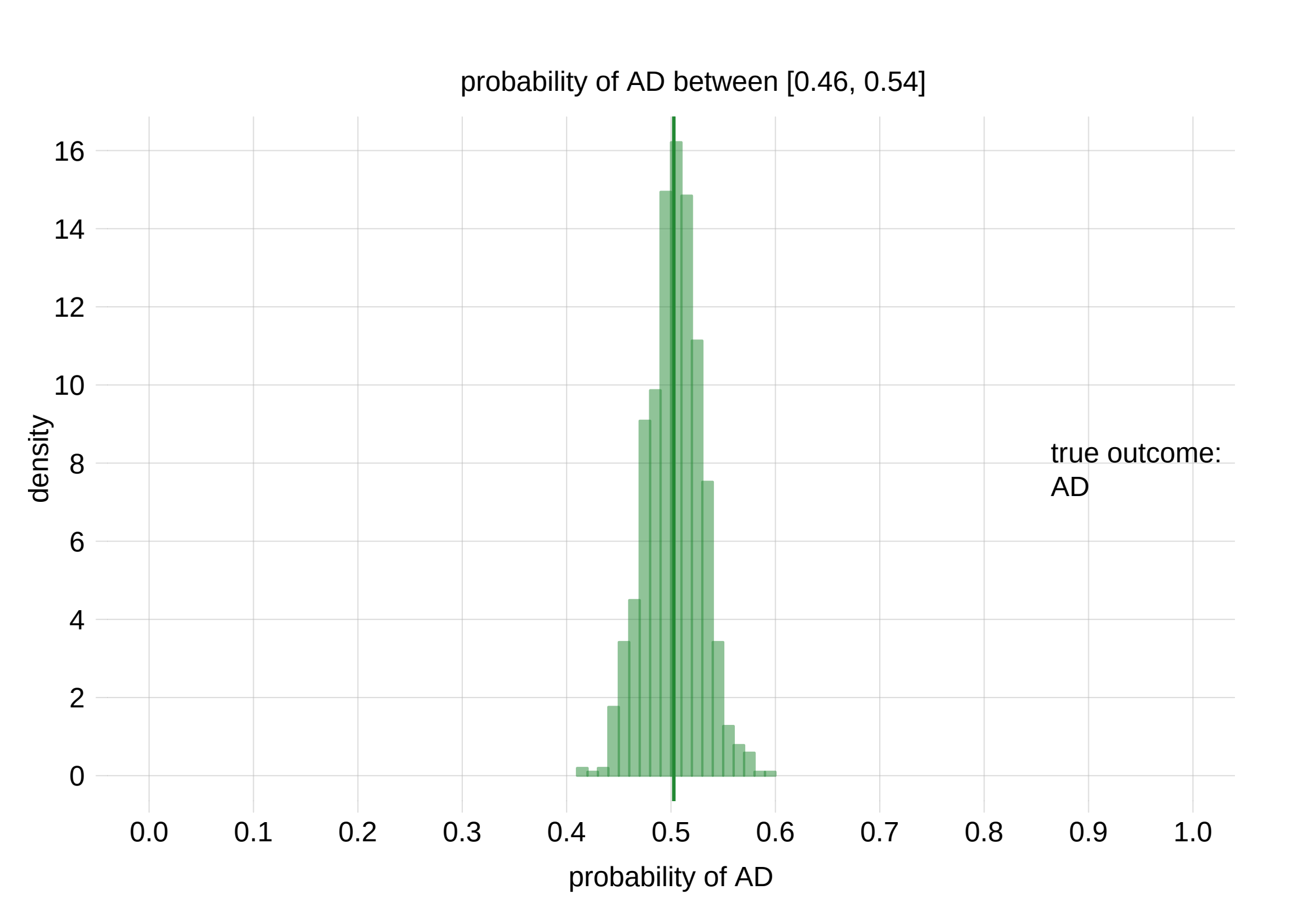

probability of AD between [0.4, 0.48]
density
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

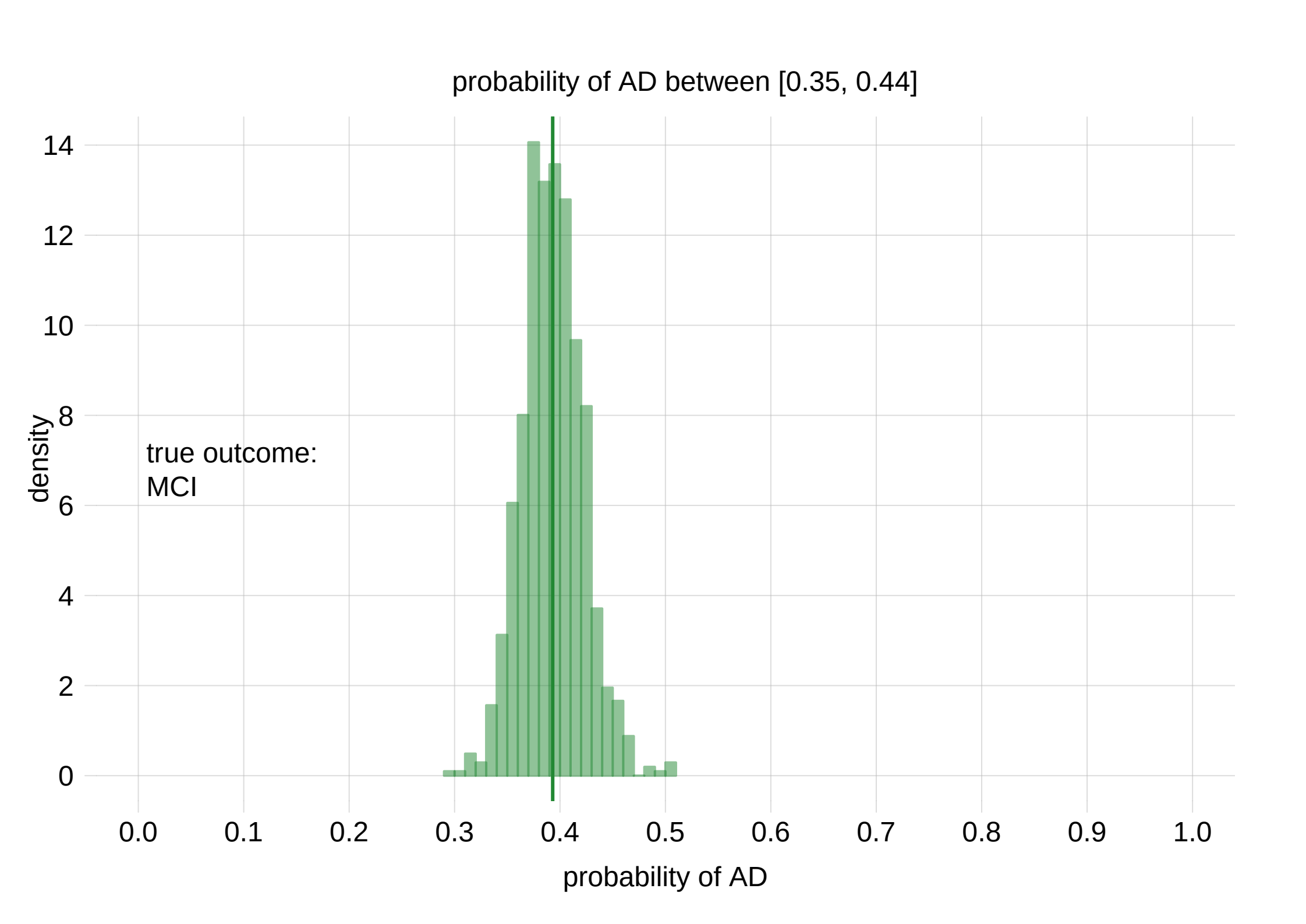

probability of AD between [0.26, 0.38]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
9
10
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

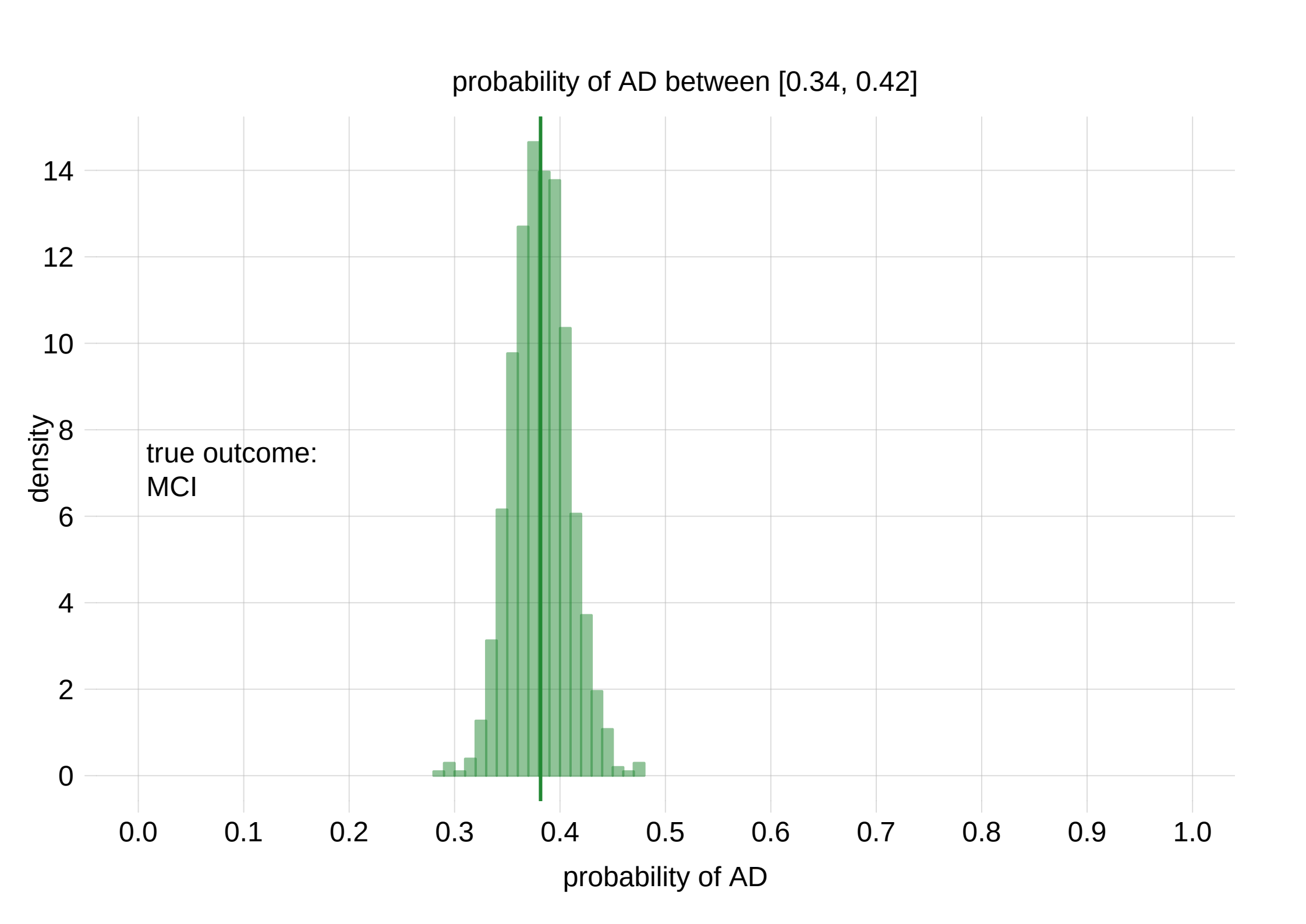

probability of AD between [0.55, 0.65]
density
probability of AD
true outcome:
AD
0
1
2
3
4
5
6
7
8
9
10
11
12
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0

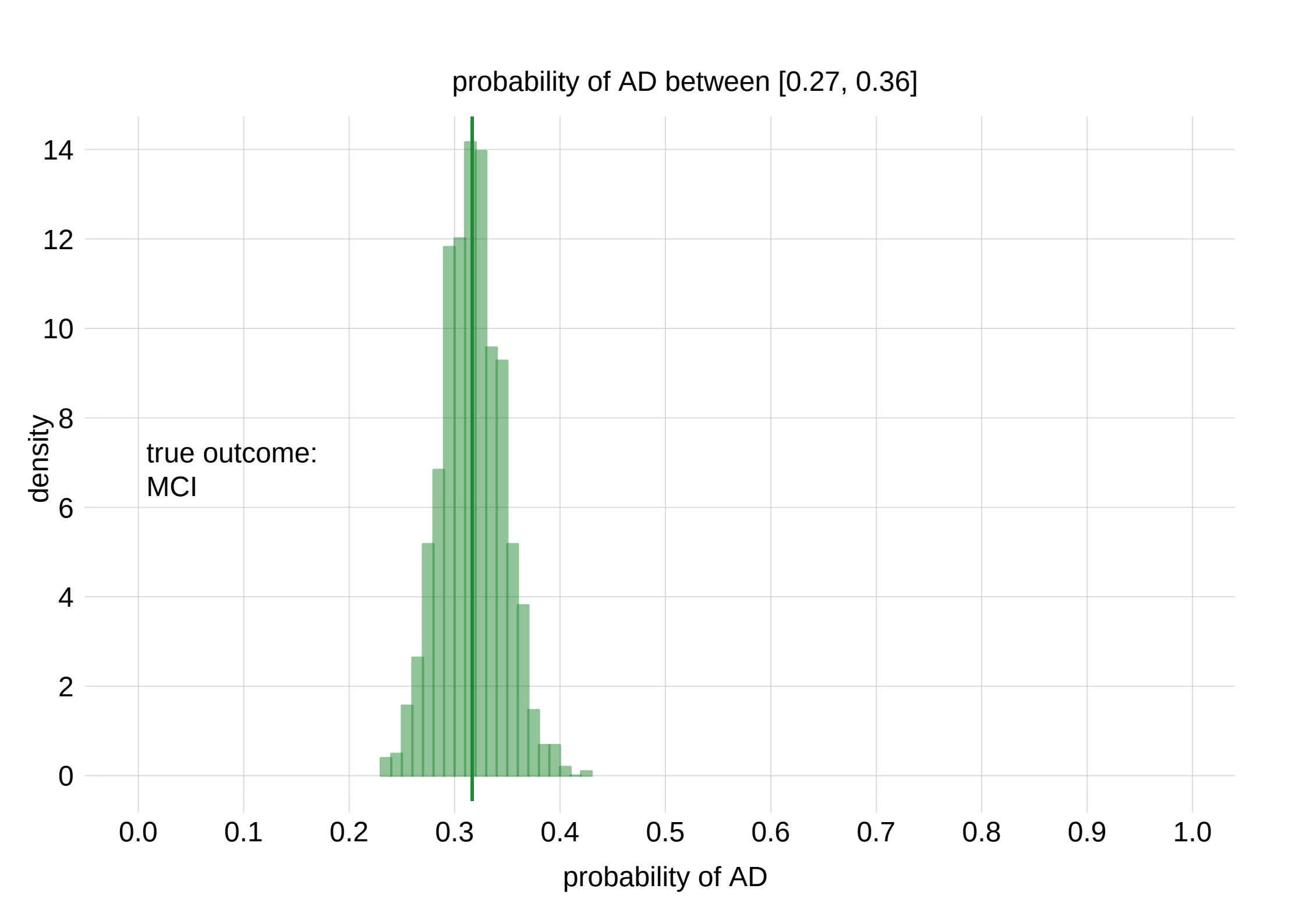

probability of AD between [0.28, 0.36]
density
0
2
4
6
8
10
12
14
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

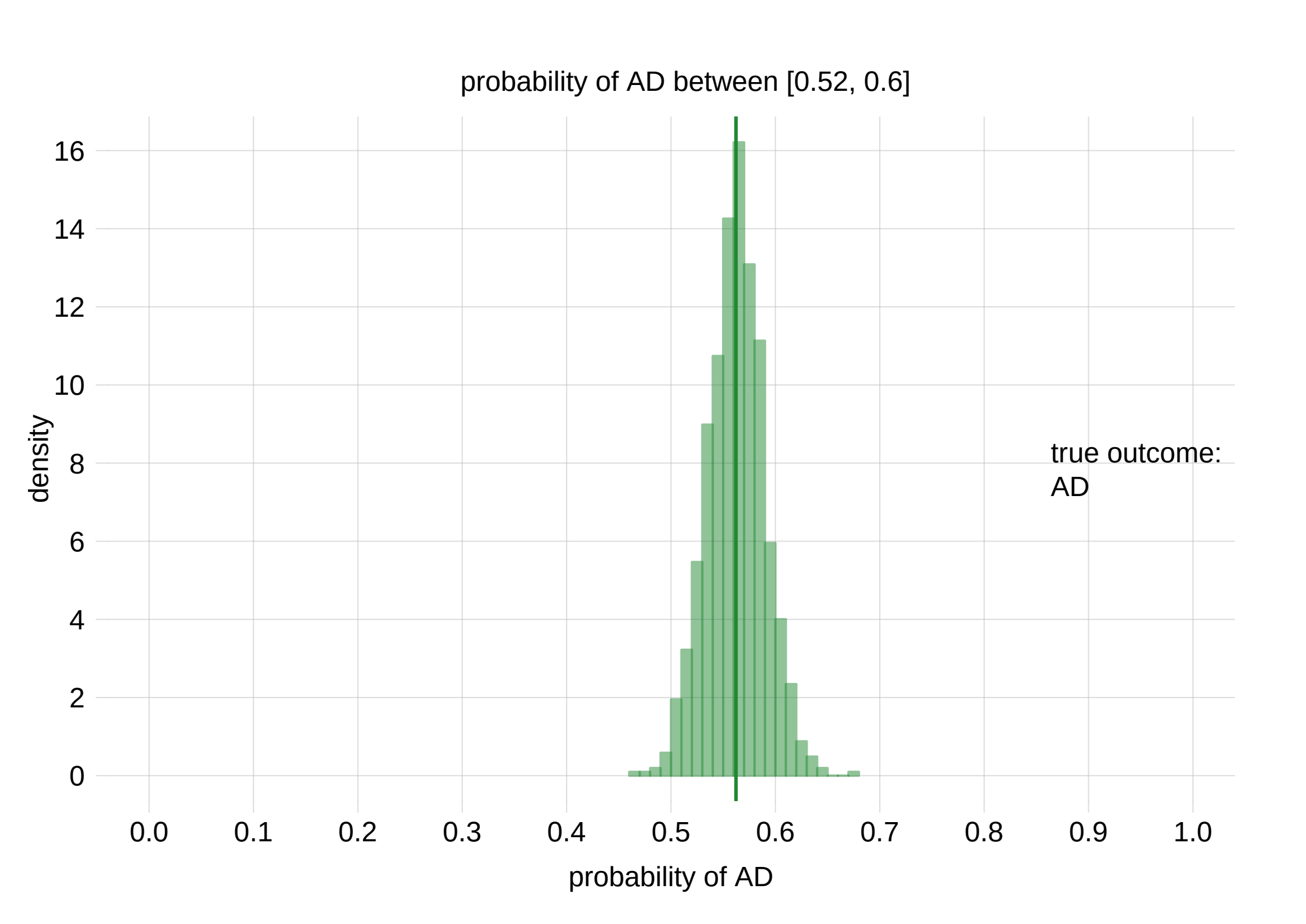

probability of AD between [0.41, 0.5]
density
0
2
4
6
8
10
12
14
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

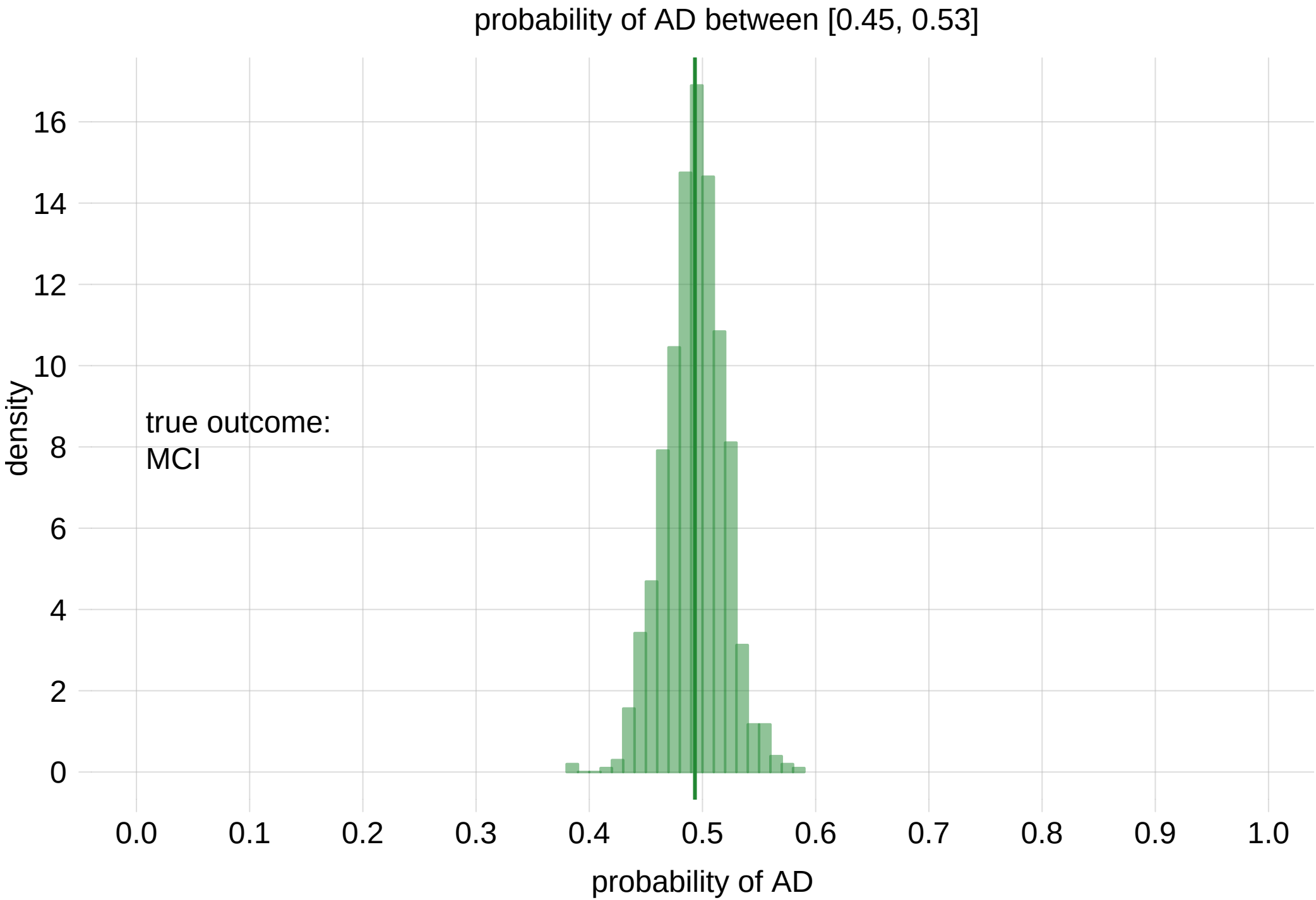

probability of AD between [0.46, 0.54]
density
16
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

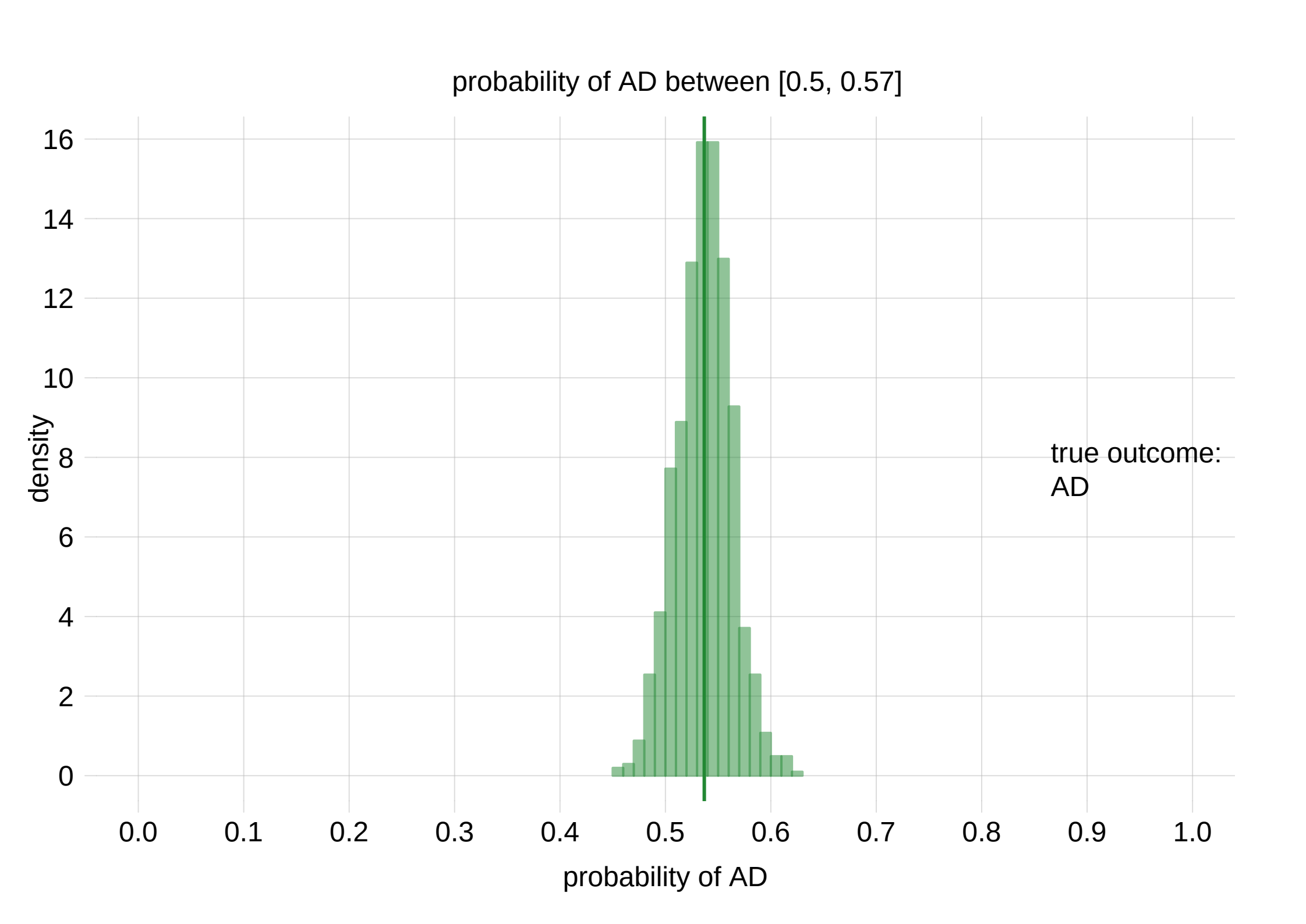

probability of AD between [0.35, 0.44]
density
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

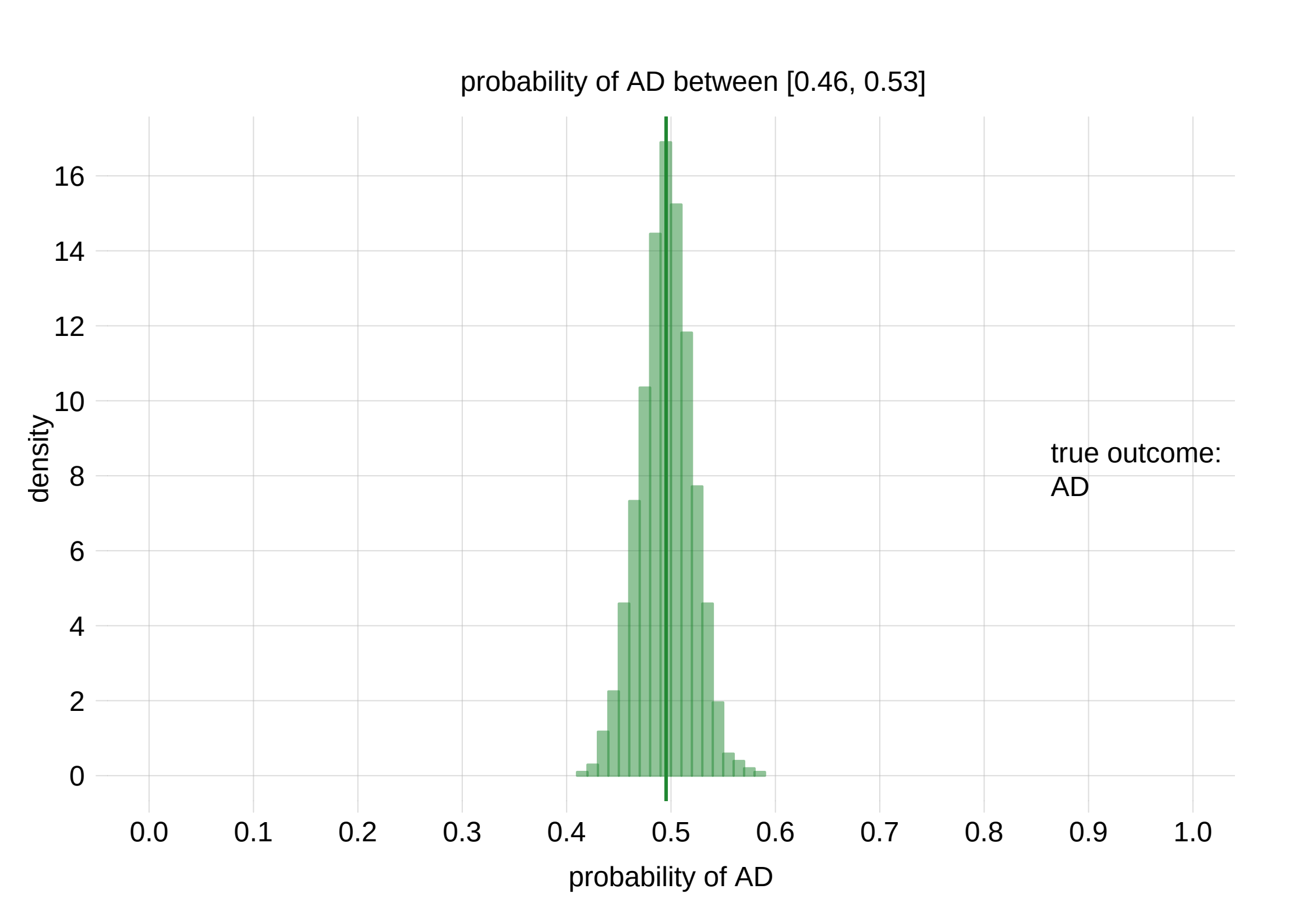

probability of AD between [0.34, 0.42]
density
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

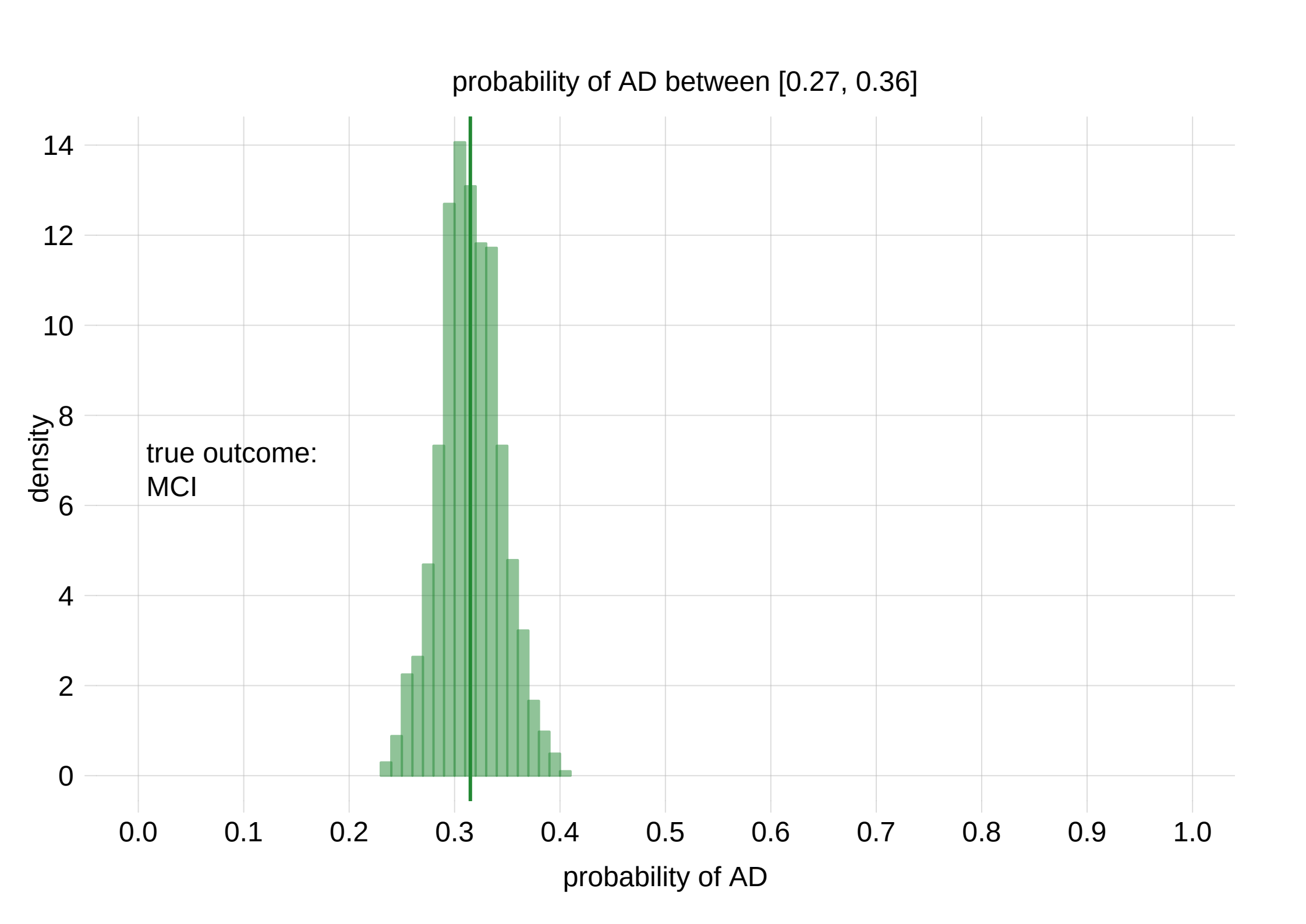

probability of AD between [0.27, 0.36]
density
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

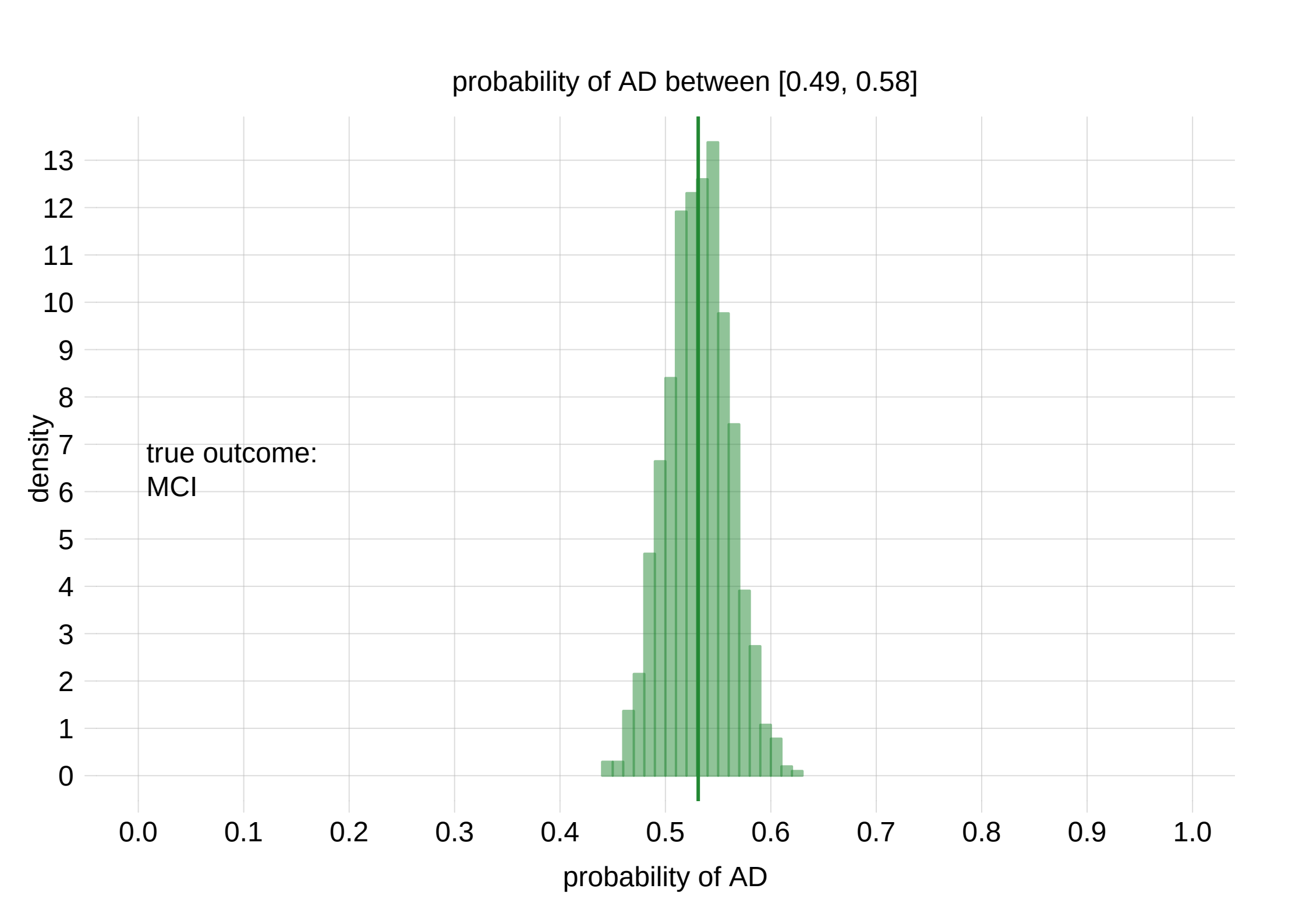

probability of AD between [0.52, 0.6]
density
16
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

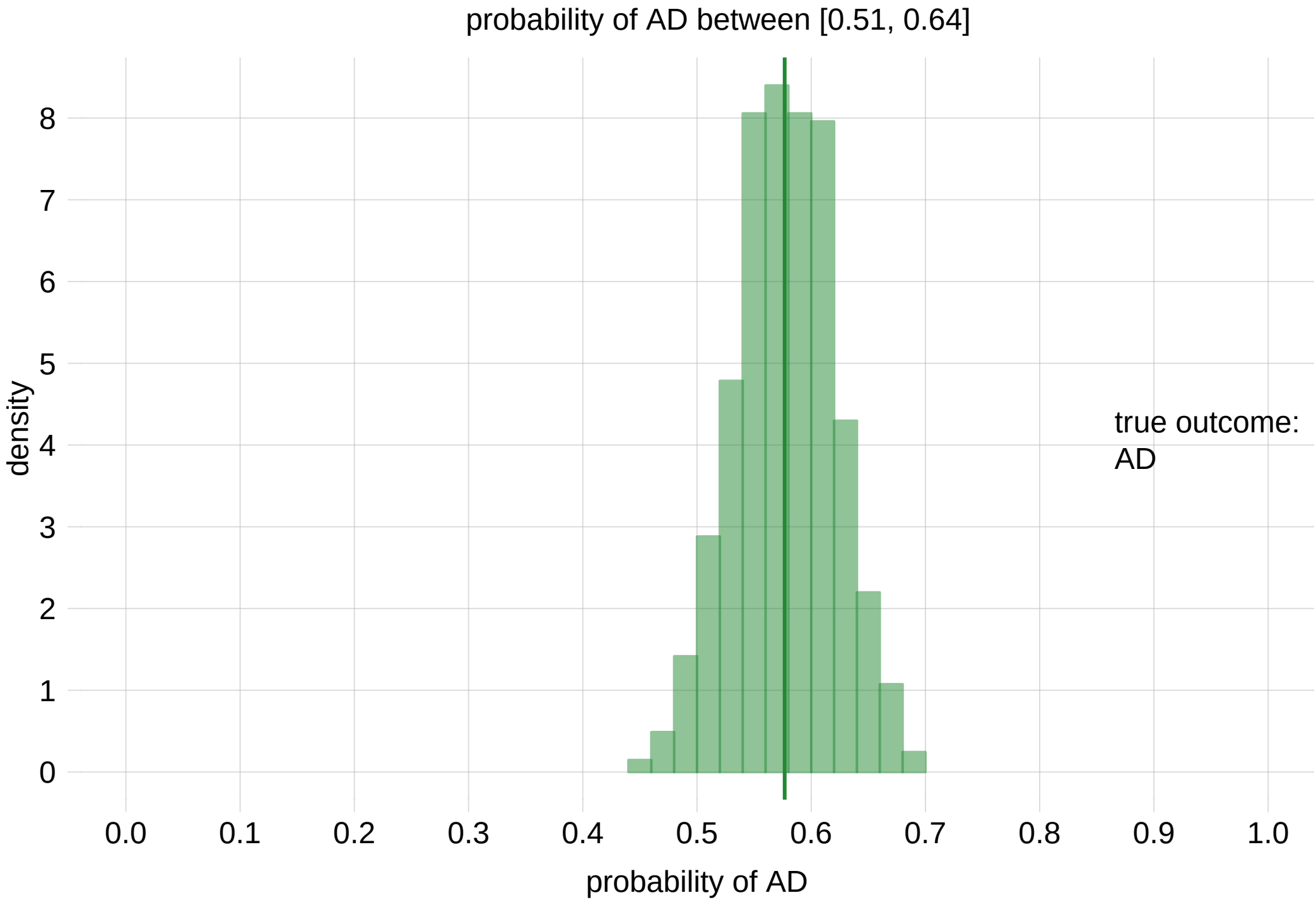

probability of AD between [0.45, 0.53]
density
16
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

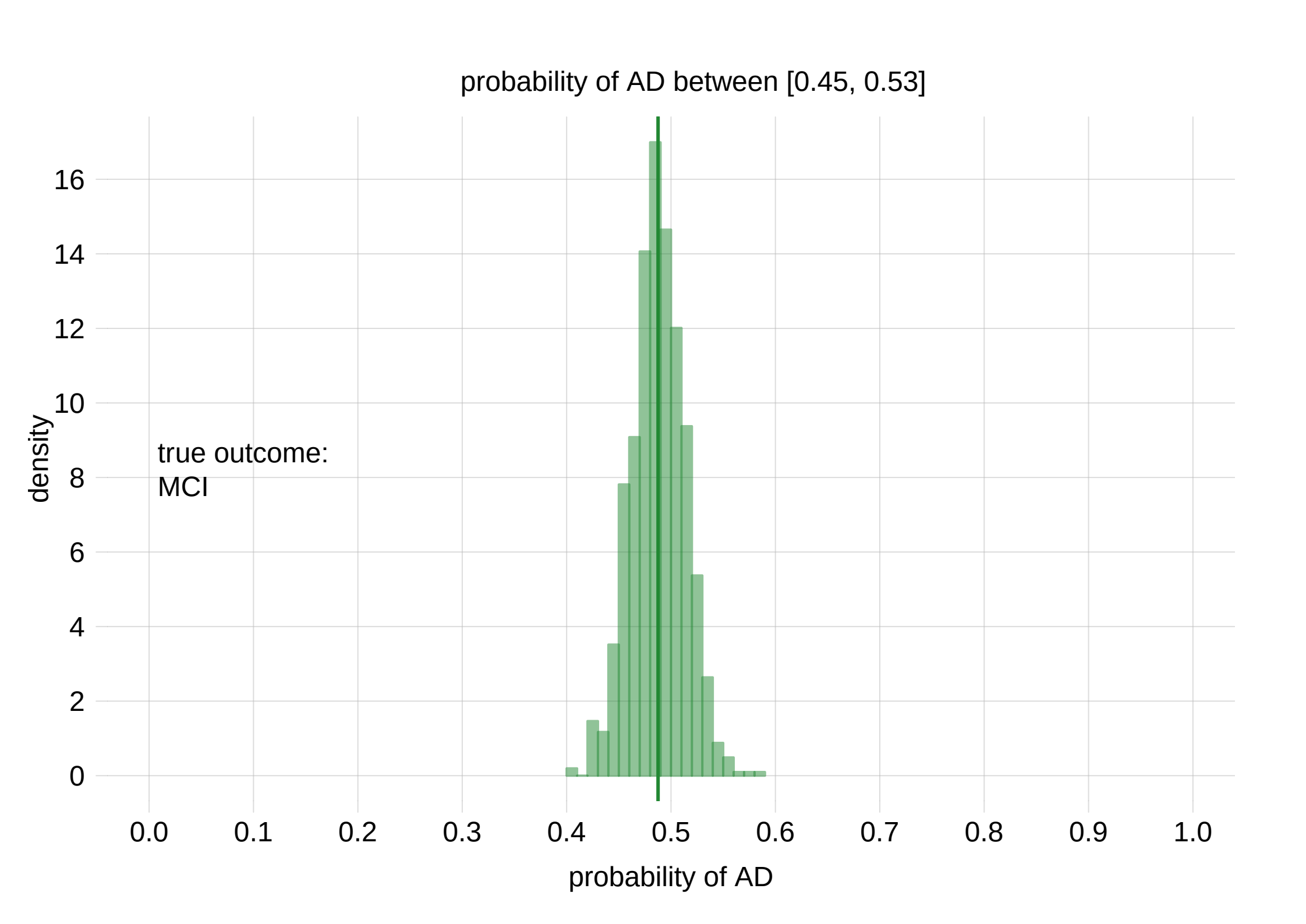

probability of AD between [0.5, 0.57]
density
16
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

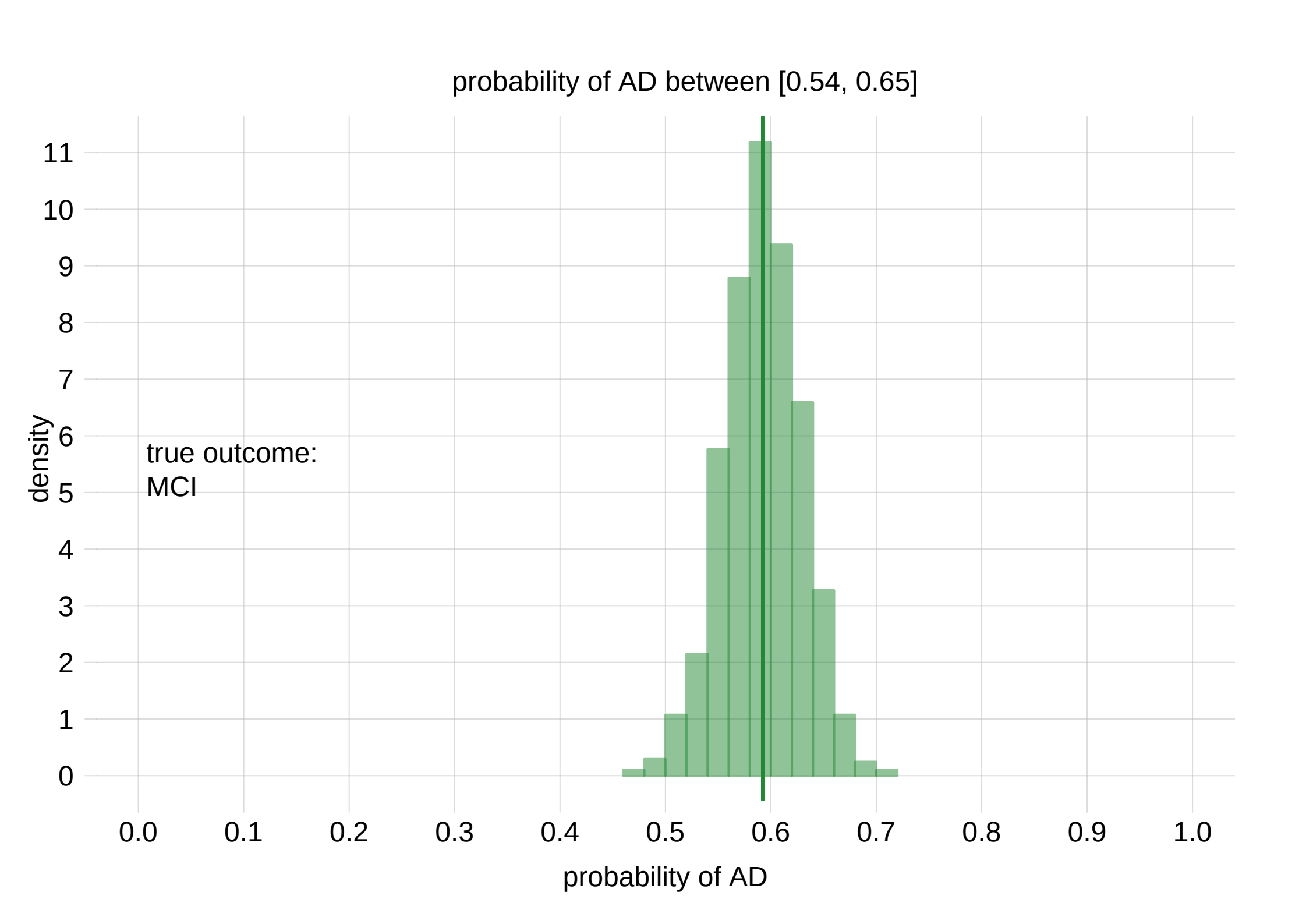

probability of AD between [0.46, 0.53]
density
16
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

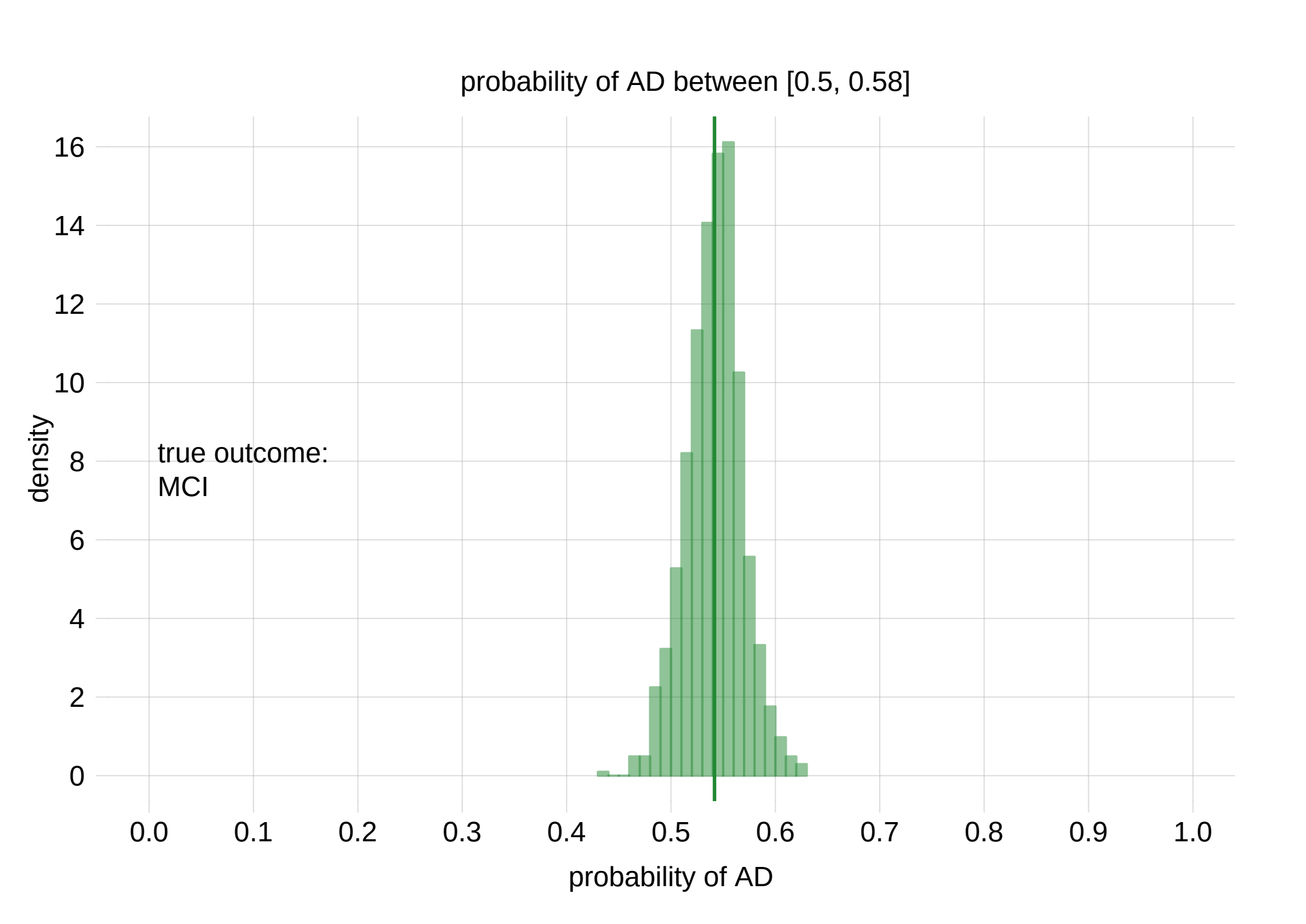

probability of AD between [0.27, 0.36]
density
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

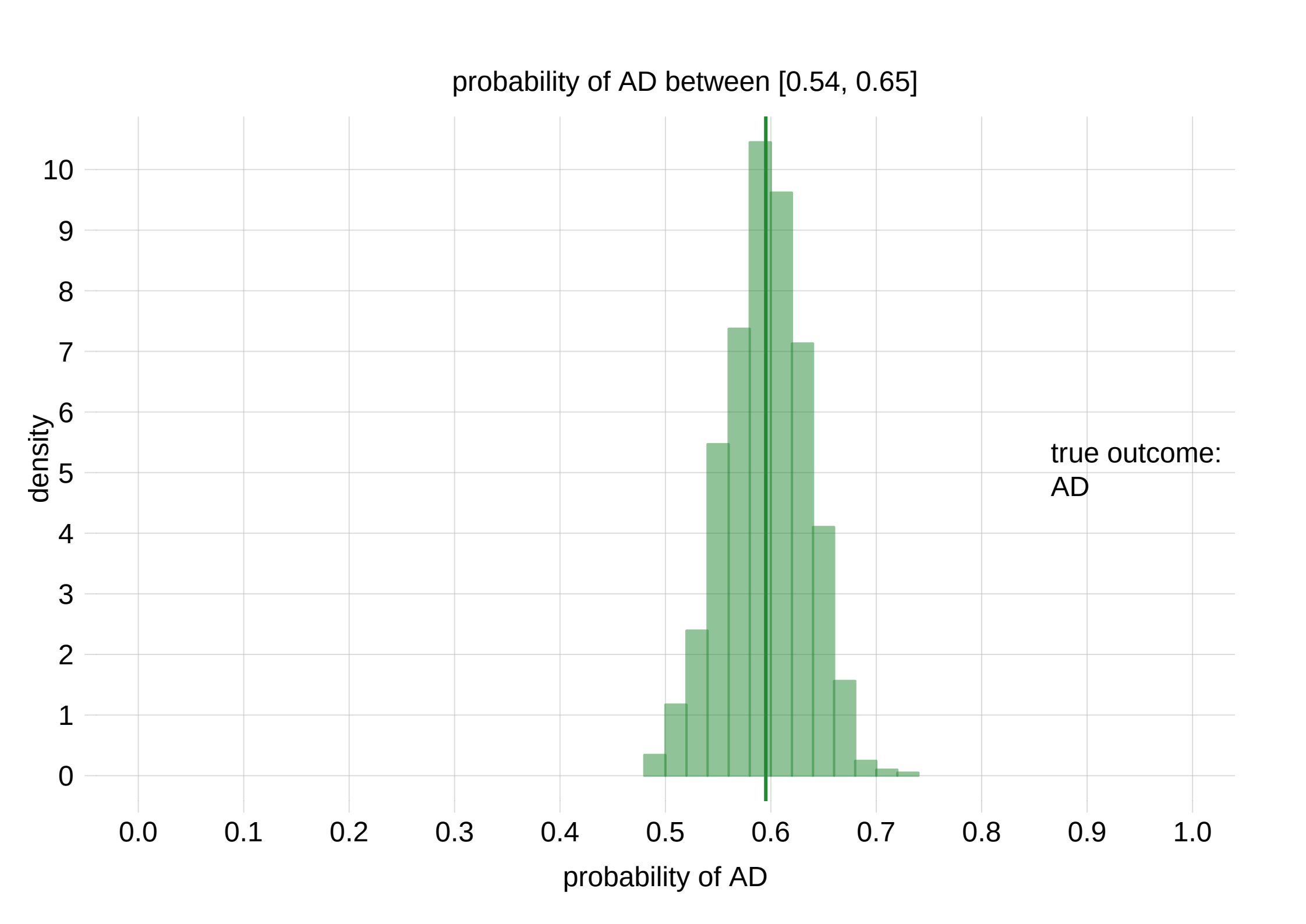

probability of AD between [0.49, 0.58]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
9
10
11
12
13
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

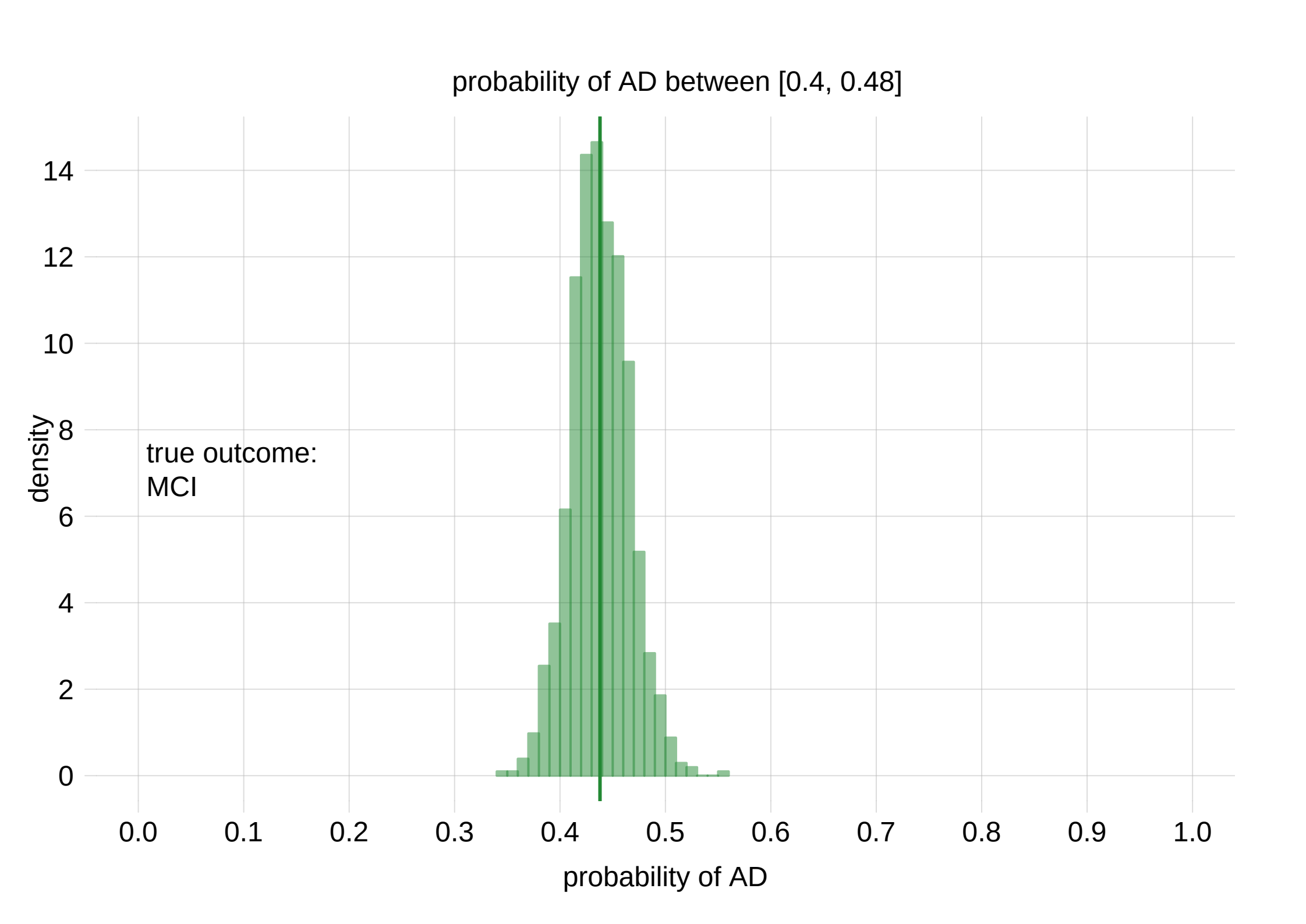

probability of AD between [0.51, 0.64]
density
0
1
2
3
4
5
6
7
8
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

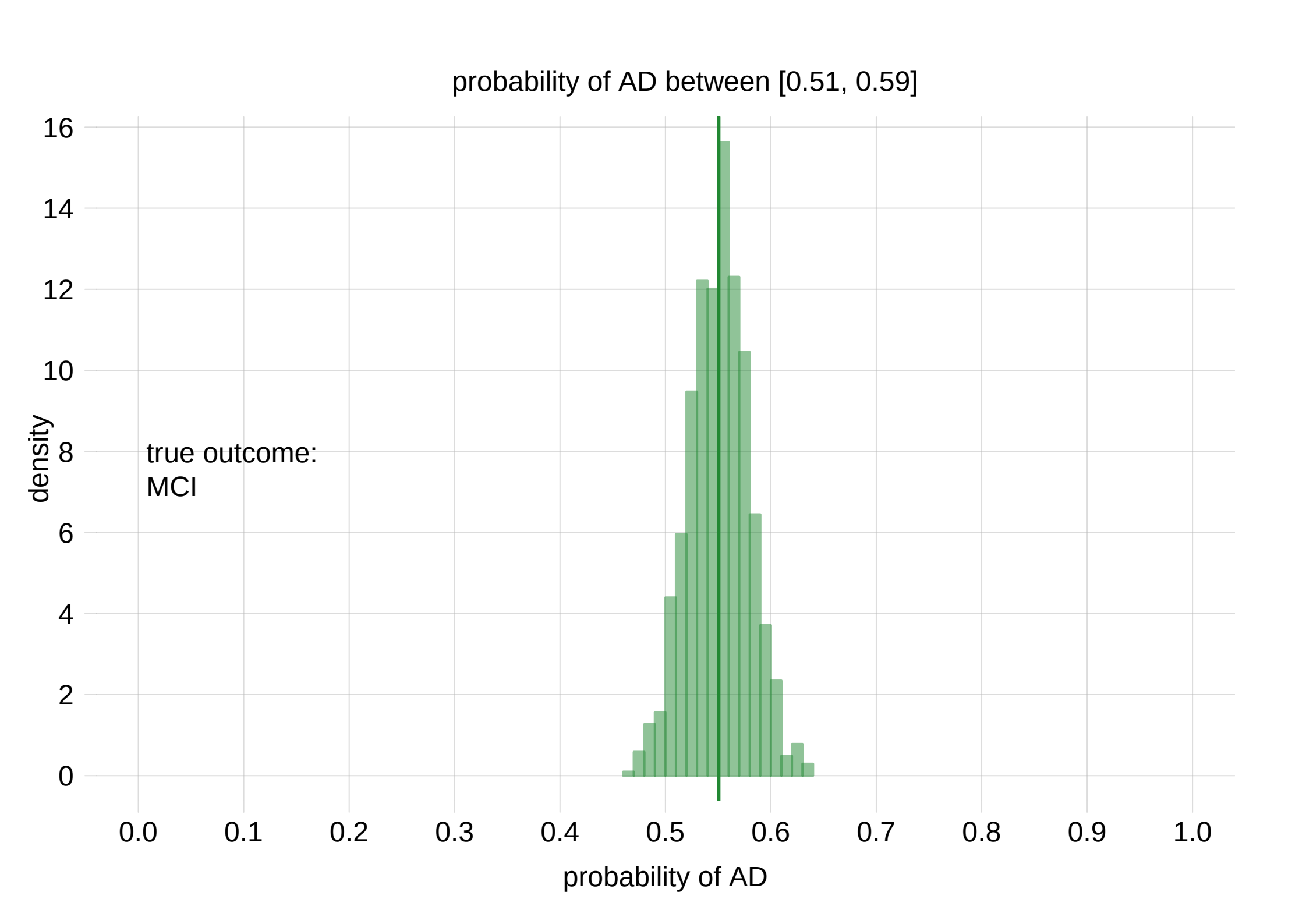

probability of AD between [0.45, 0.53]
density
16
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

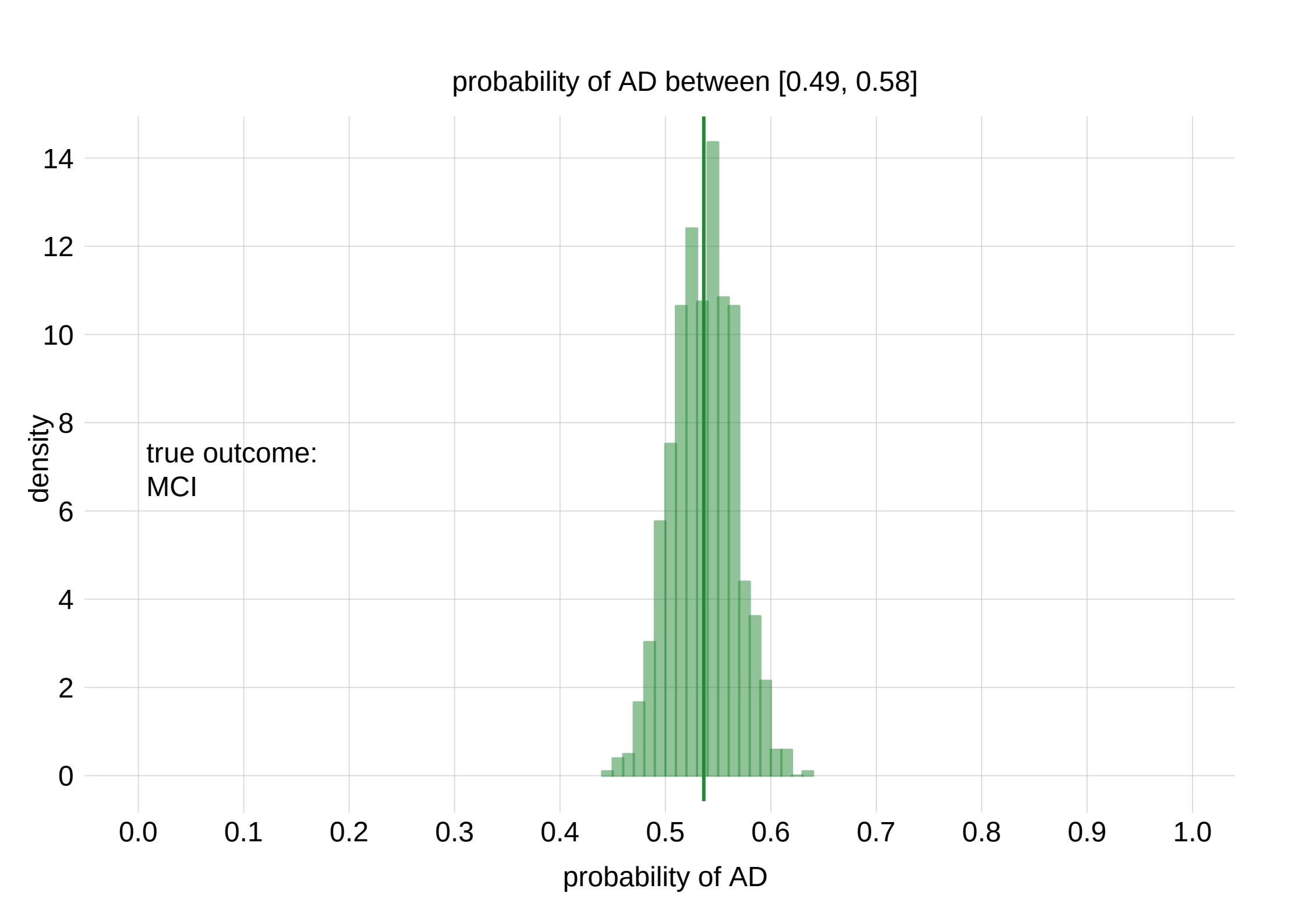

probability of AD between [0.54, 0.65]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
9
10
11
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

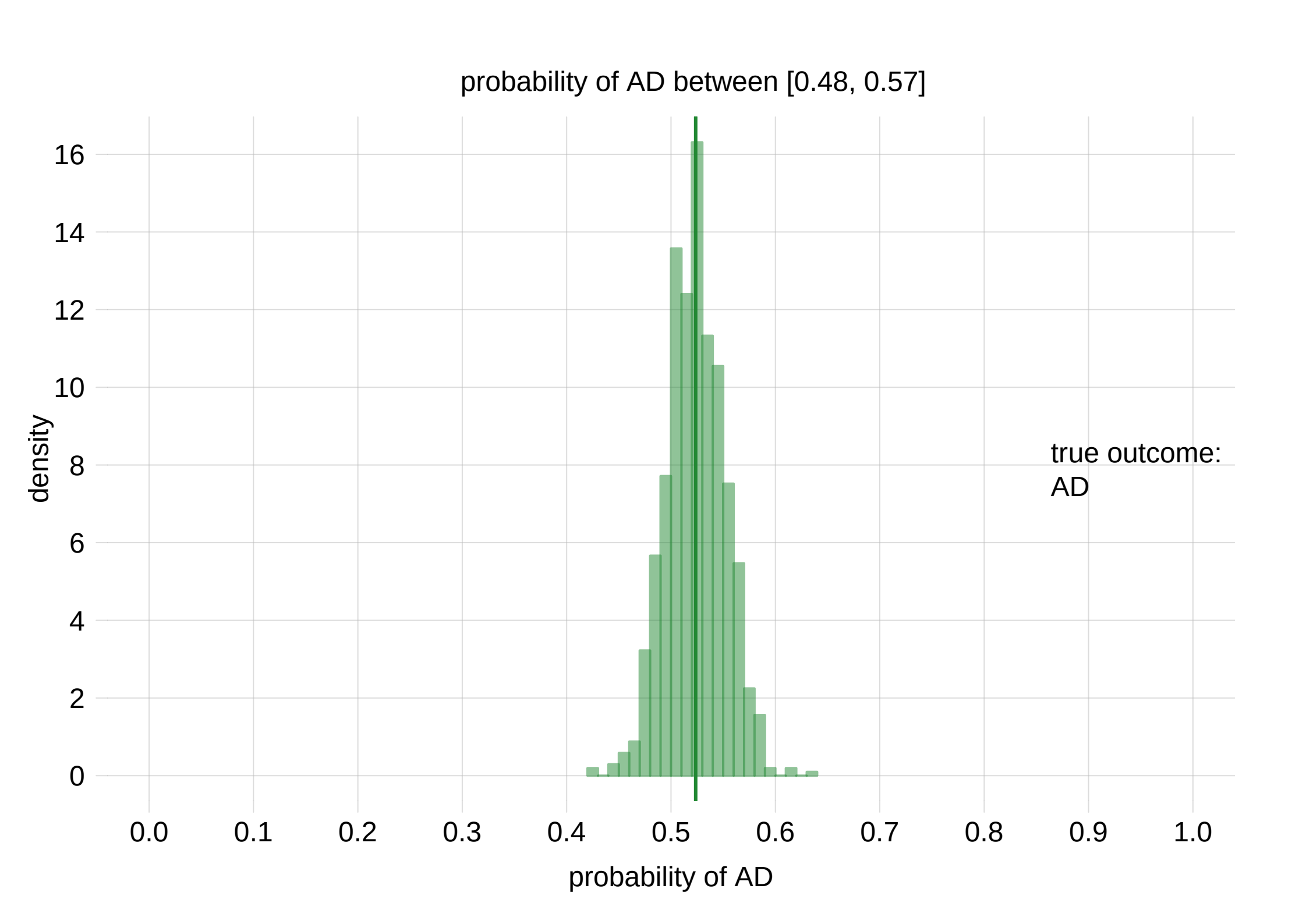

probability of AD between [0.5, 0.58]
density
16
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

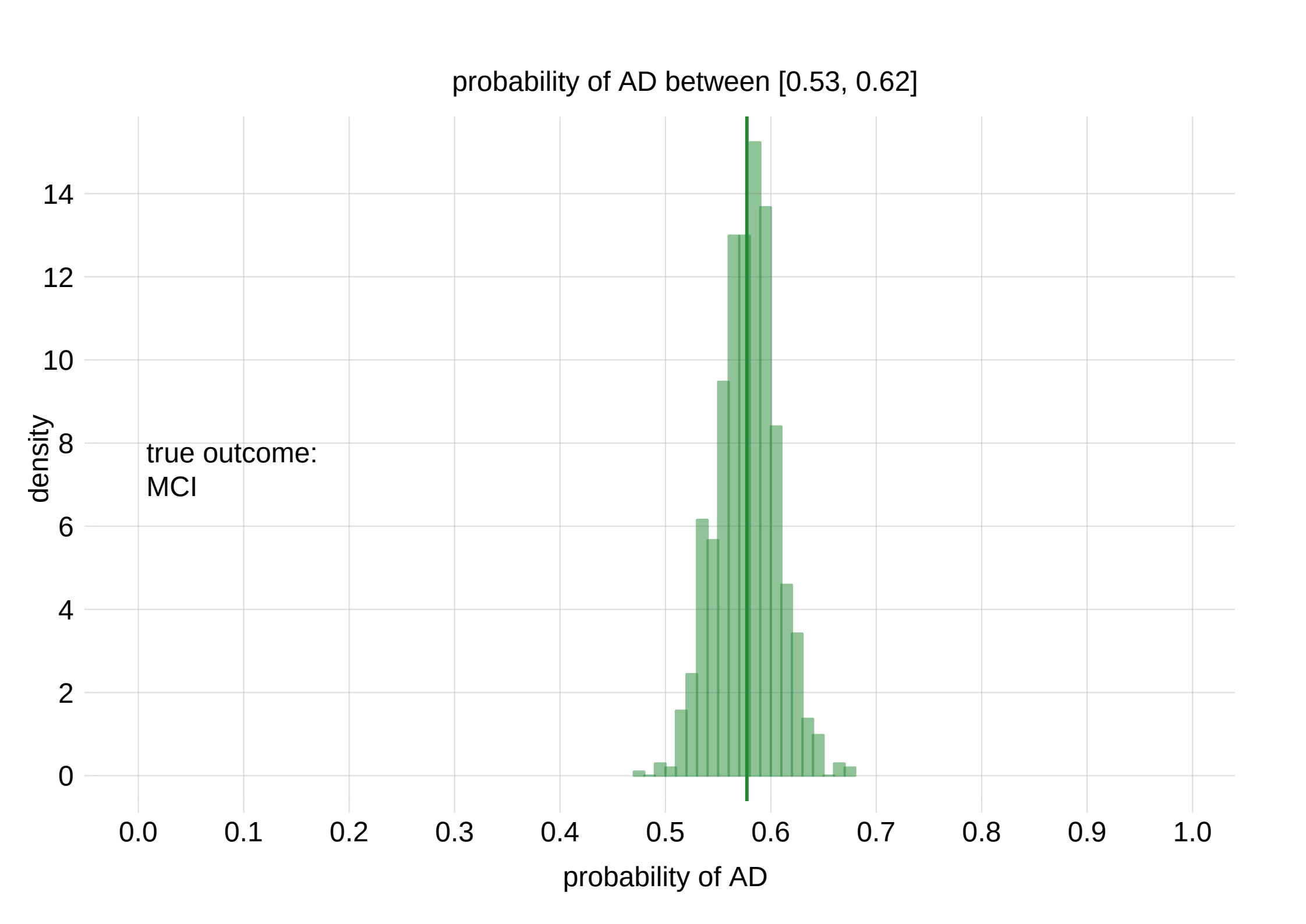

probability of AD between [0.54, 0.65]
density
0
1
2
3
4
5
6
7
8
9
10
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

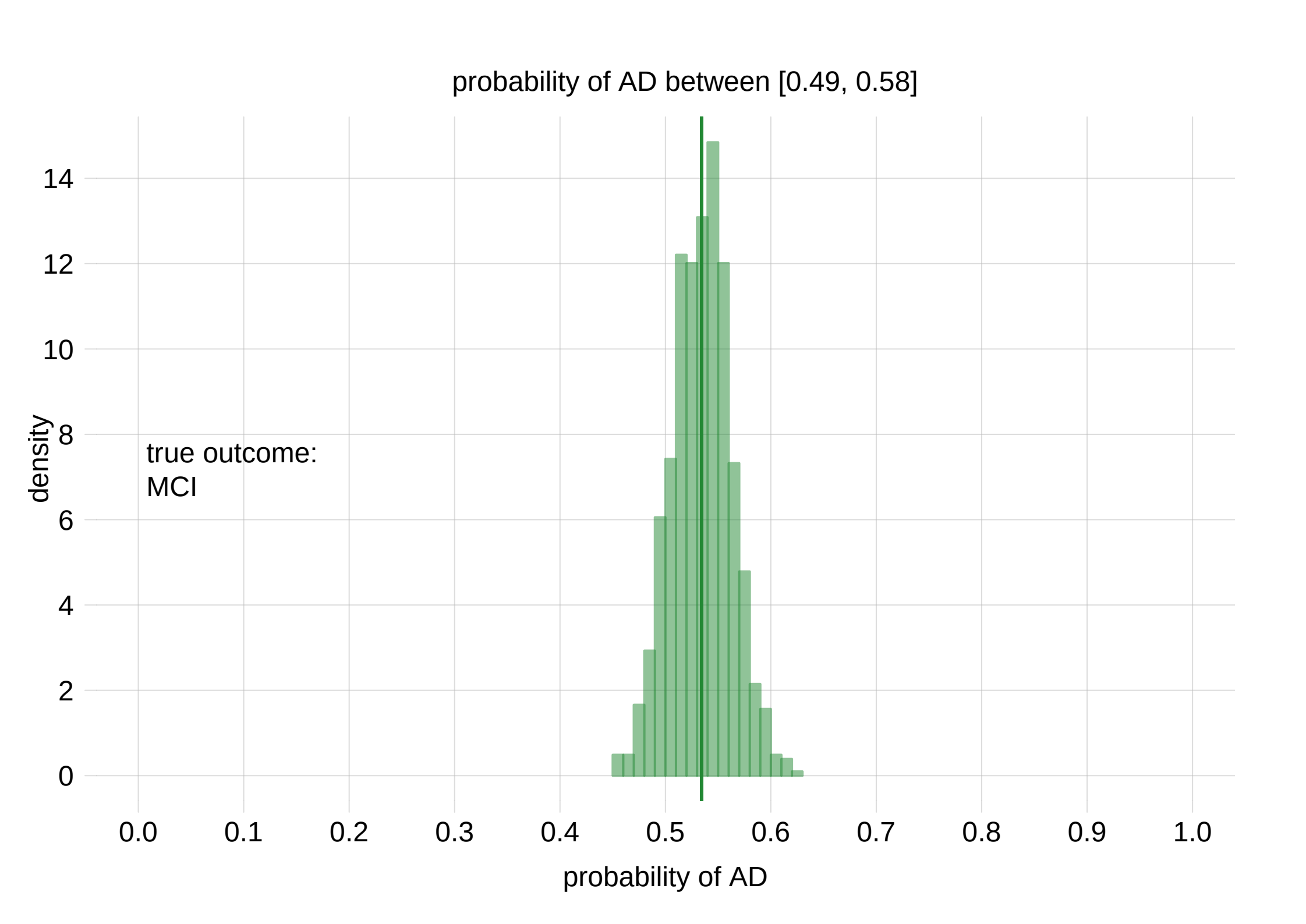

probability of AD between [0.4, 0.48]
density
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

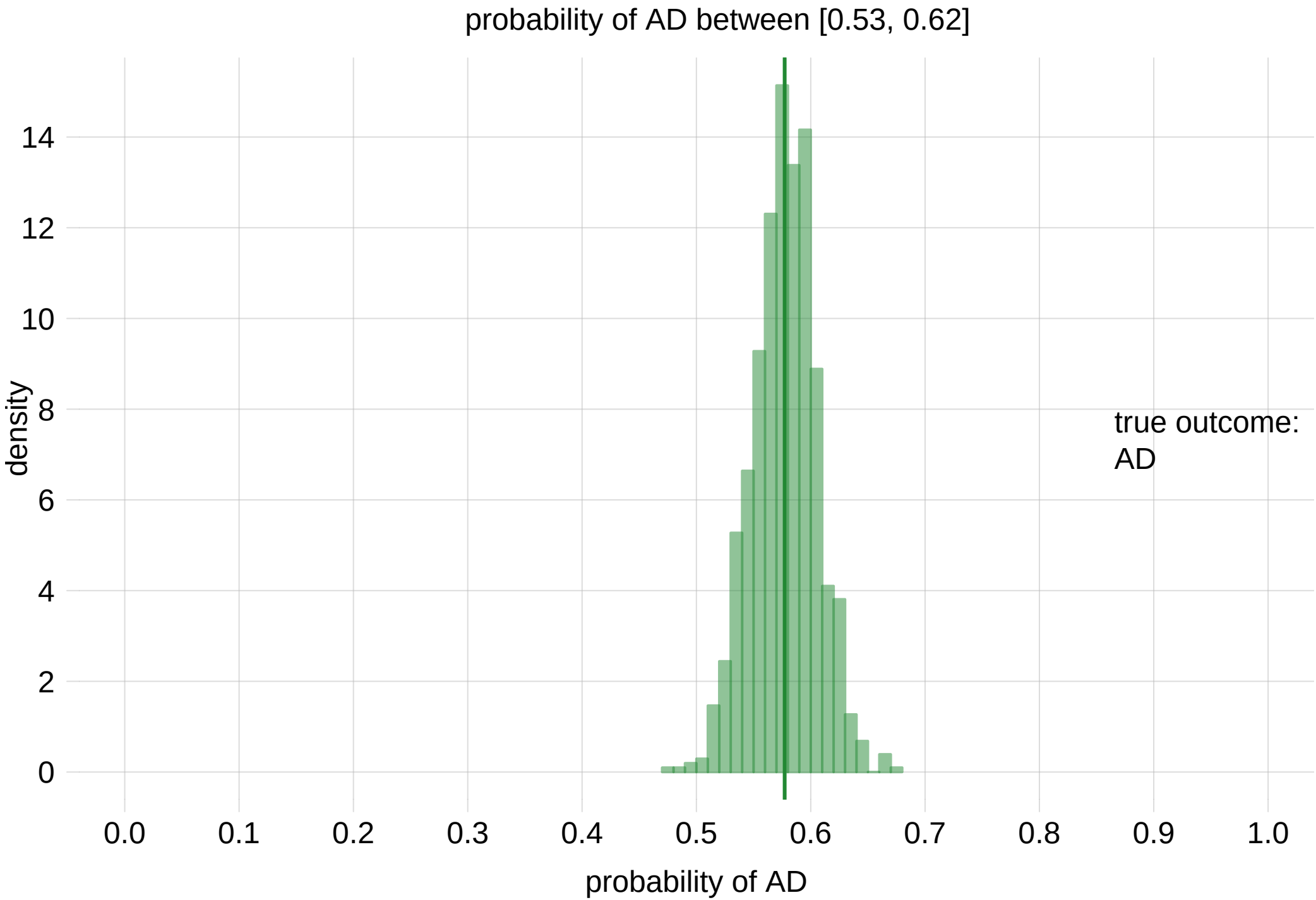

probability of AD between [0.51, 0.59]
16
14
12
10
8
6
4
2
0
density
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

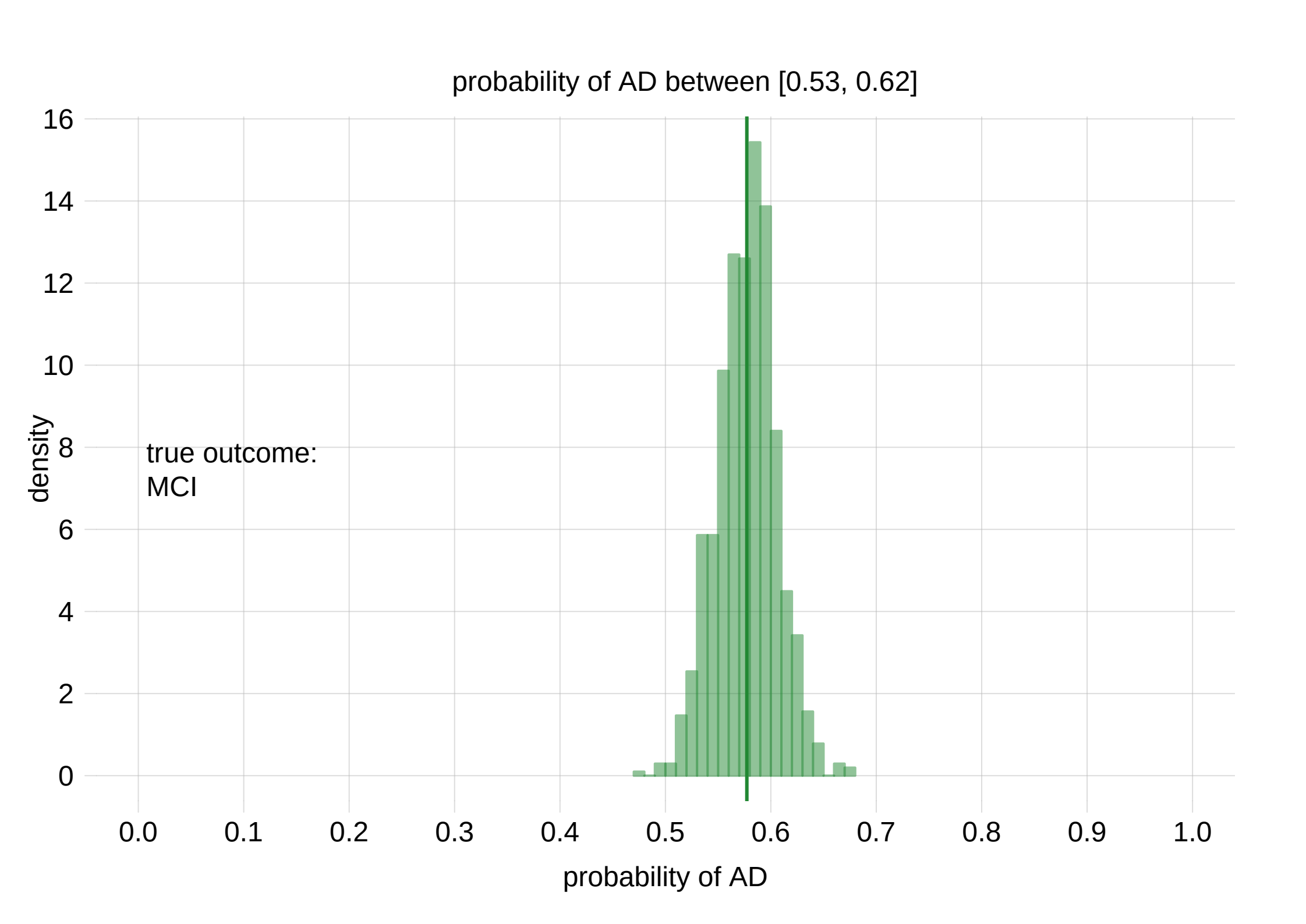

probability of AD between [0.49, 0.58]
density
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

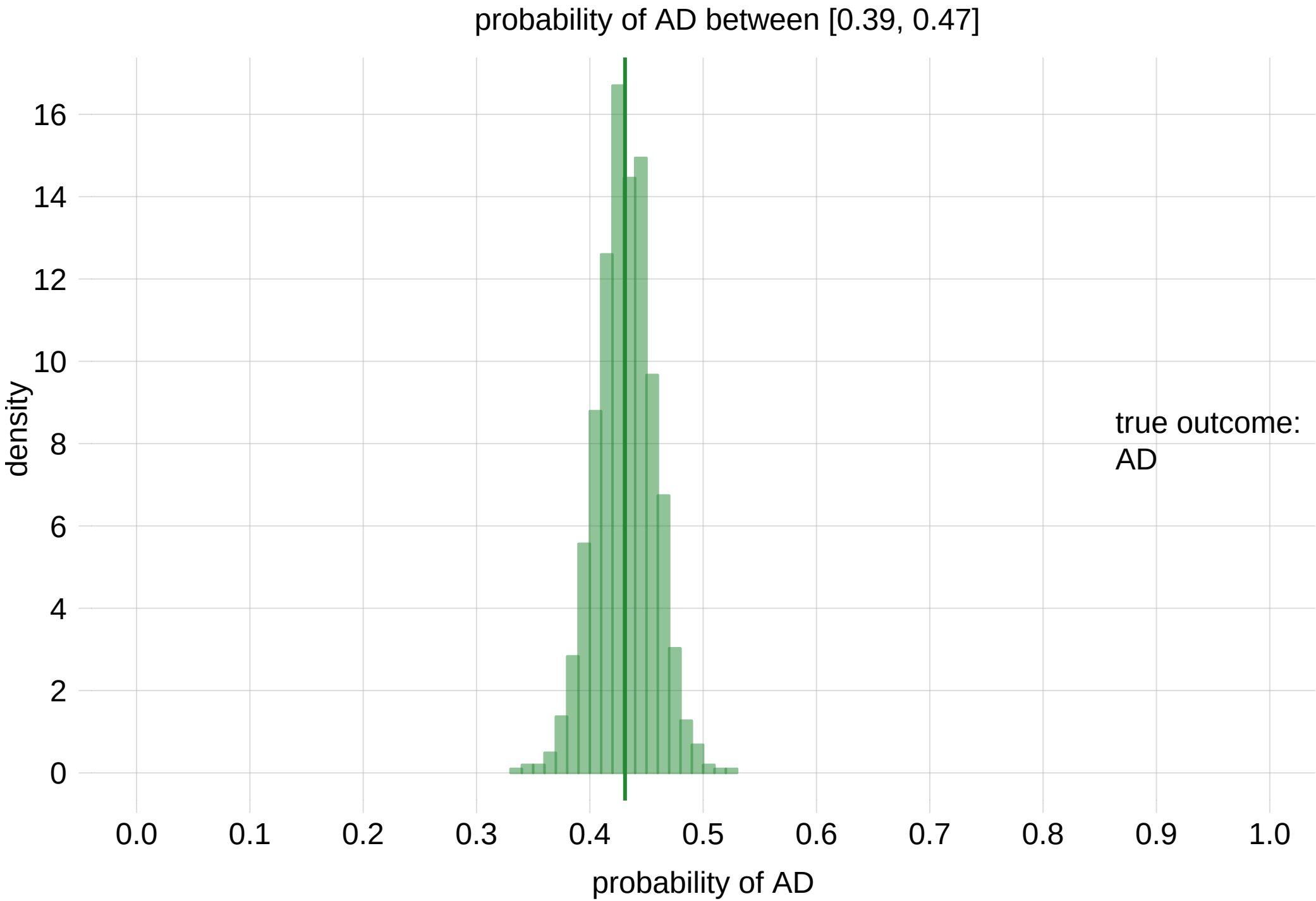

probability of AD between [0.48, 0.57]
density
16
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

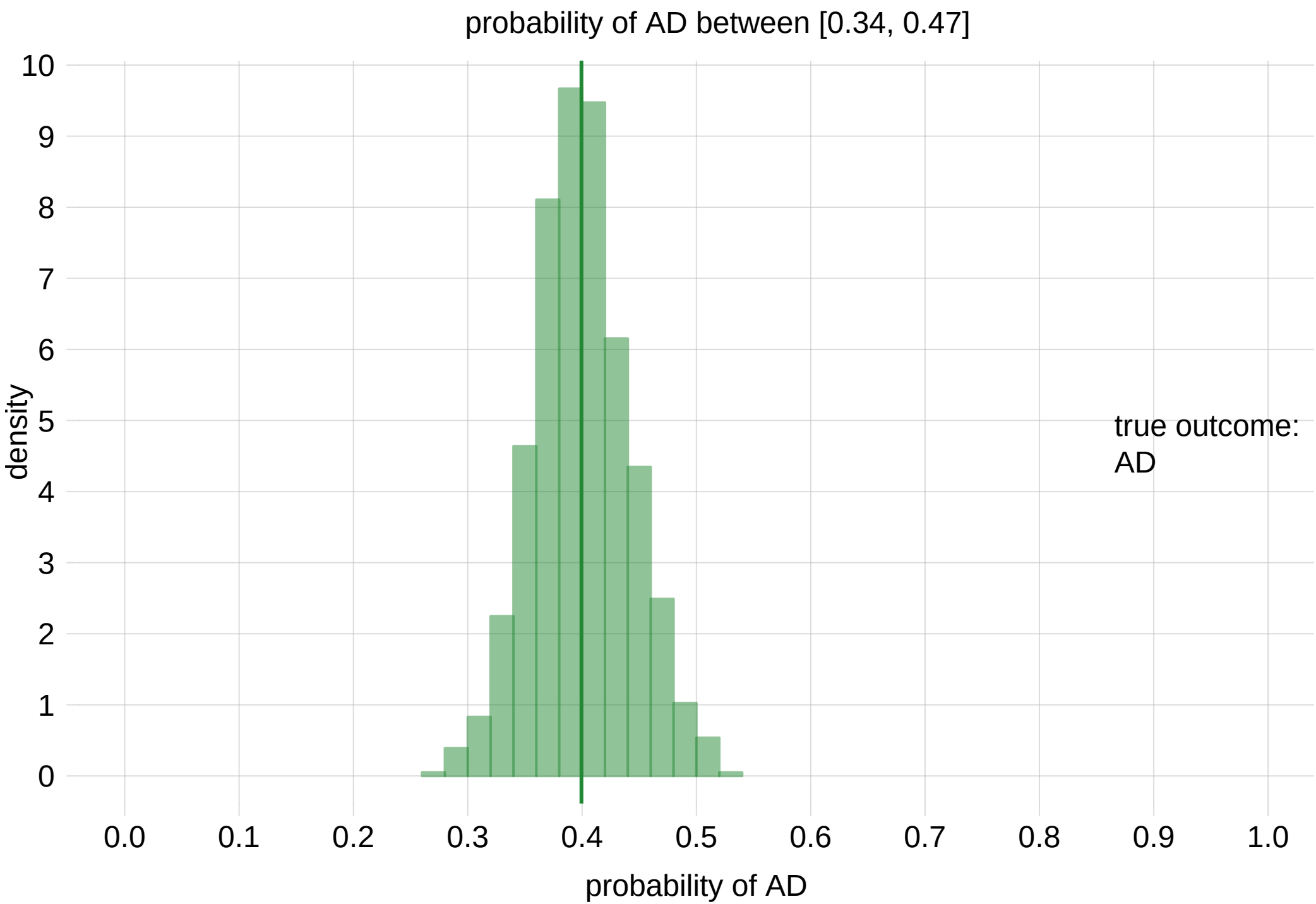

probability of AD between [0.53, 0.62]
density
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

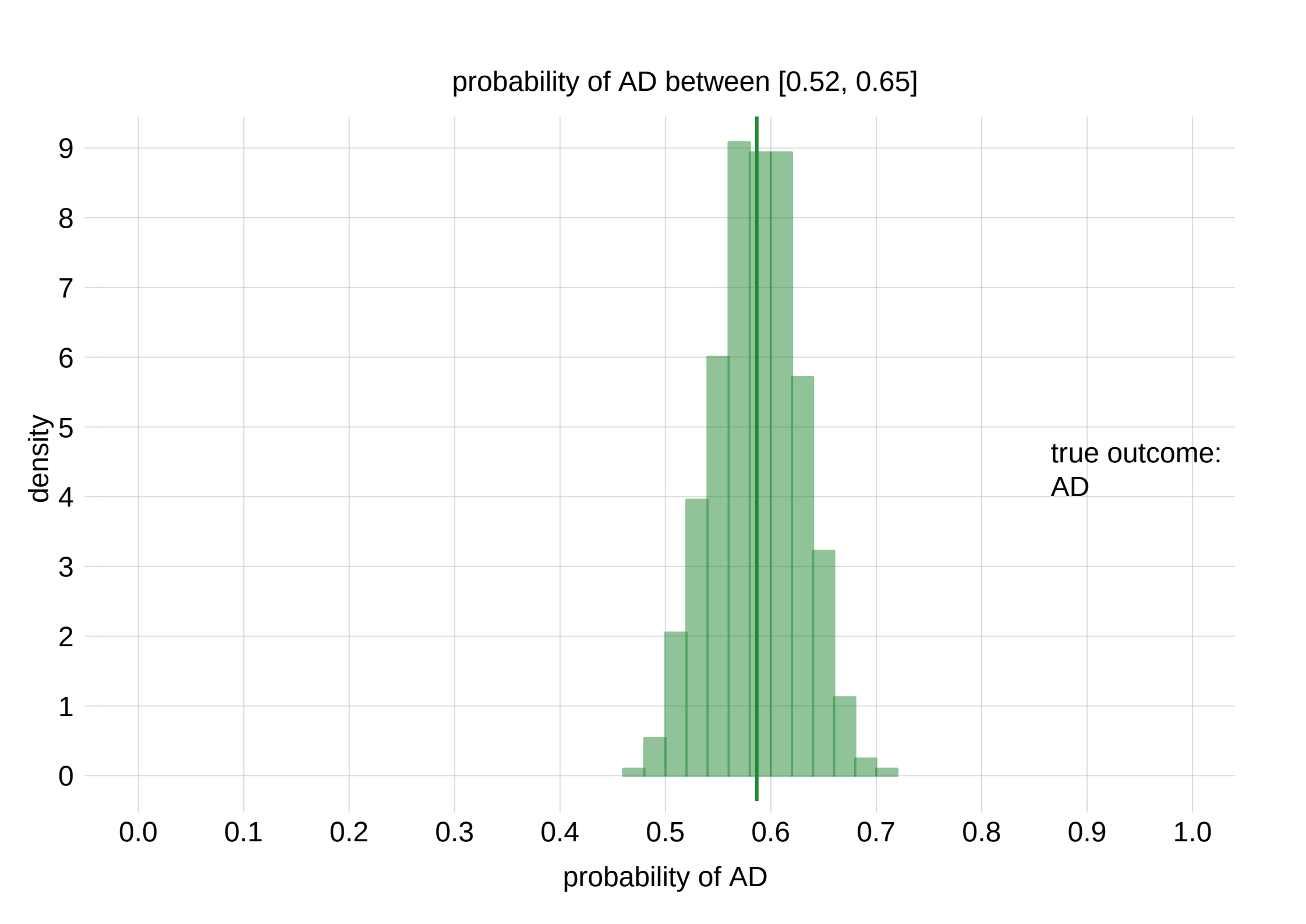

probability of AD between [0.49, 0.58]
density
true outcome:
MCI
0
2
4
6
8
10
12
14
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

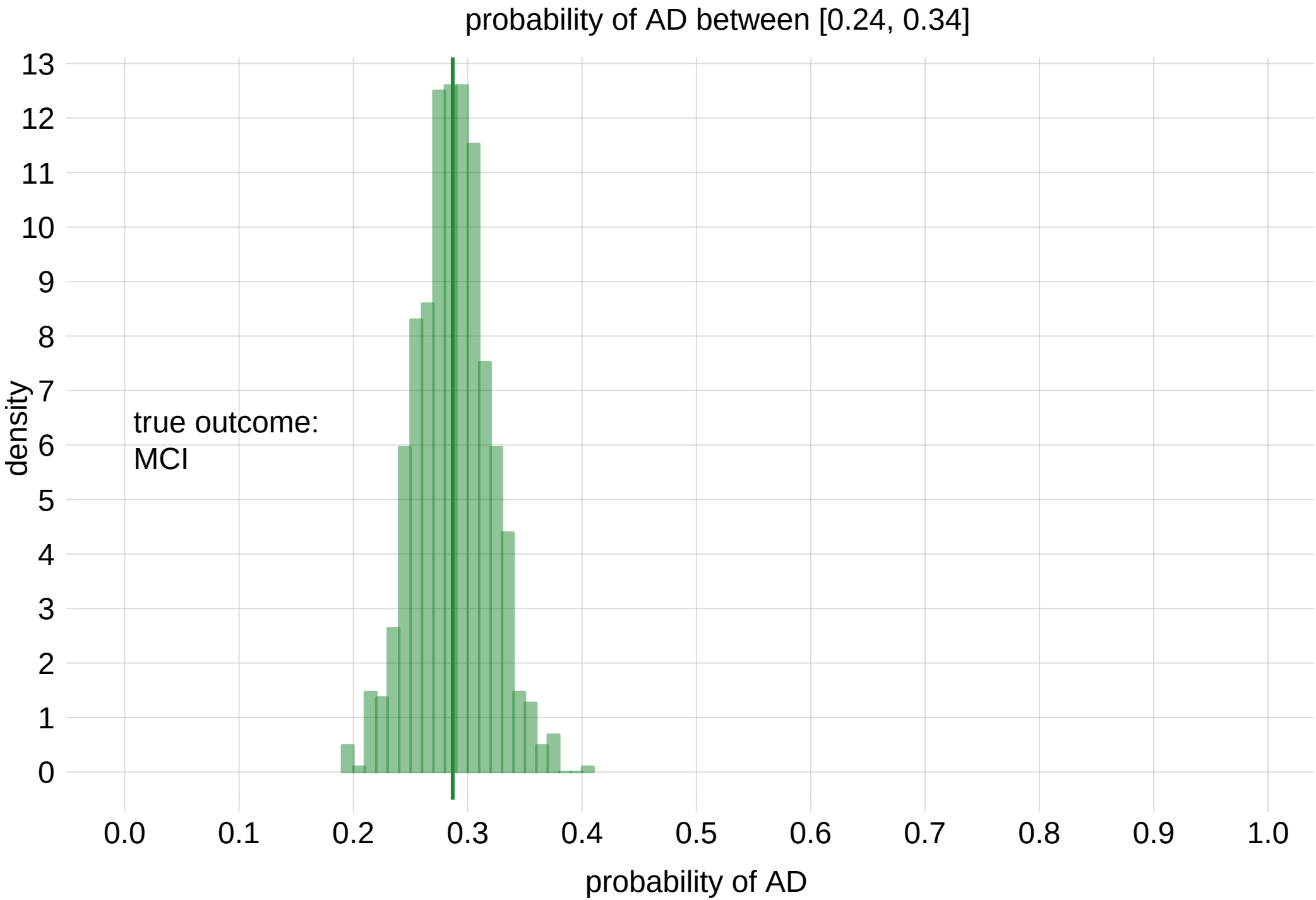

probability of AD between [0.53, 0.62]
density
0
2
4
6
8
10
12
14
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

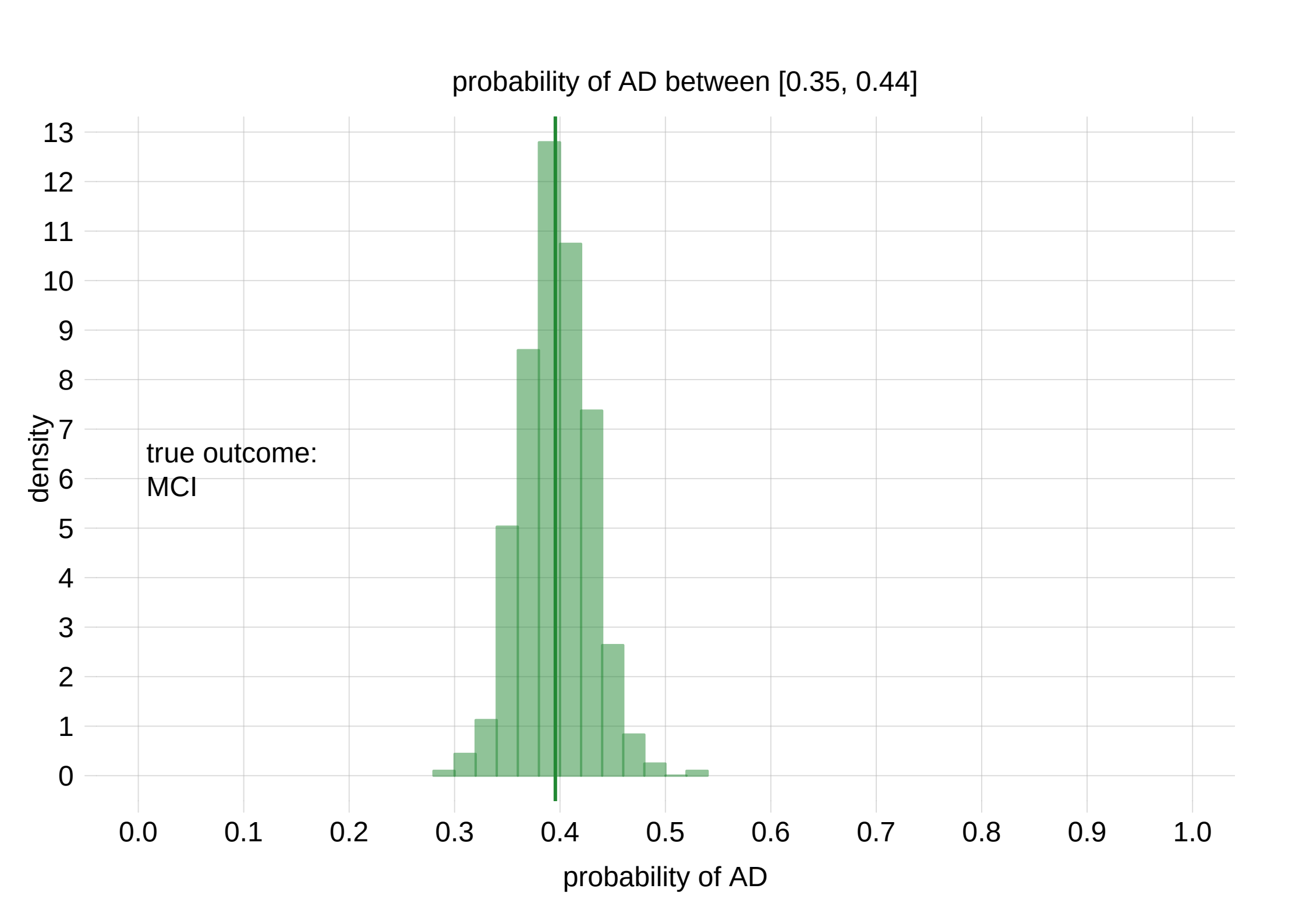

probability of AD between [0.53, 0.62]
16
14
12
10
8
6
4
2
0
density
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

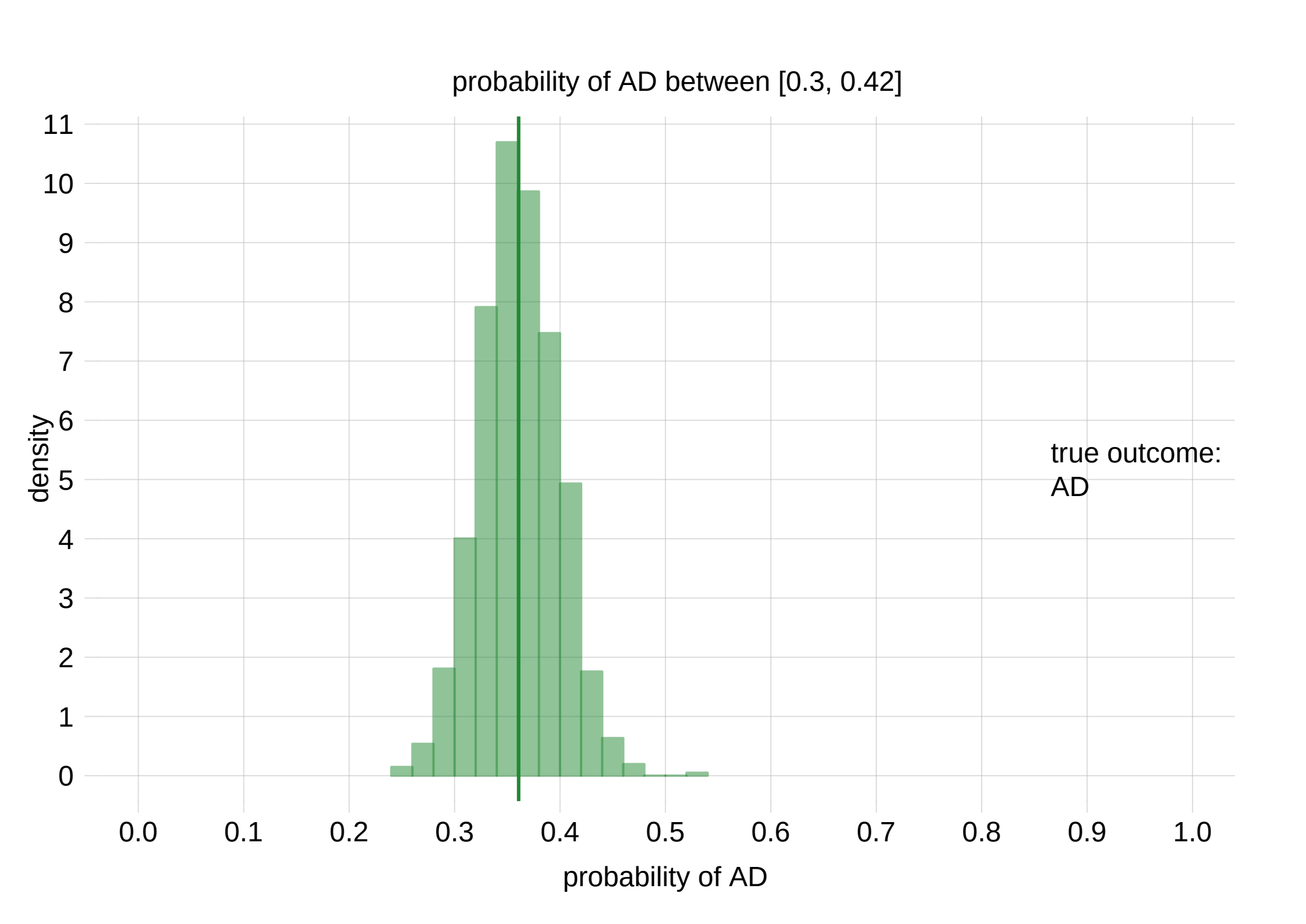

probability of AD between [0.39, 0.47]
density
16
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

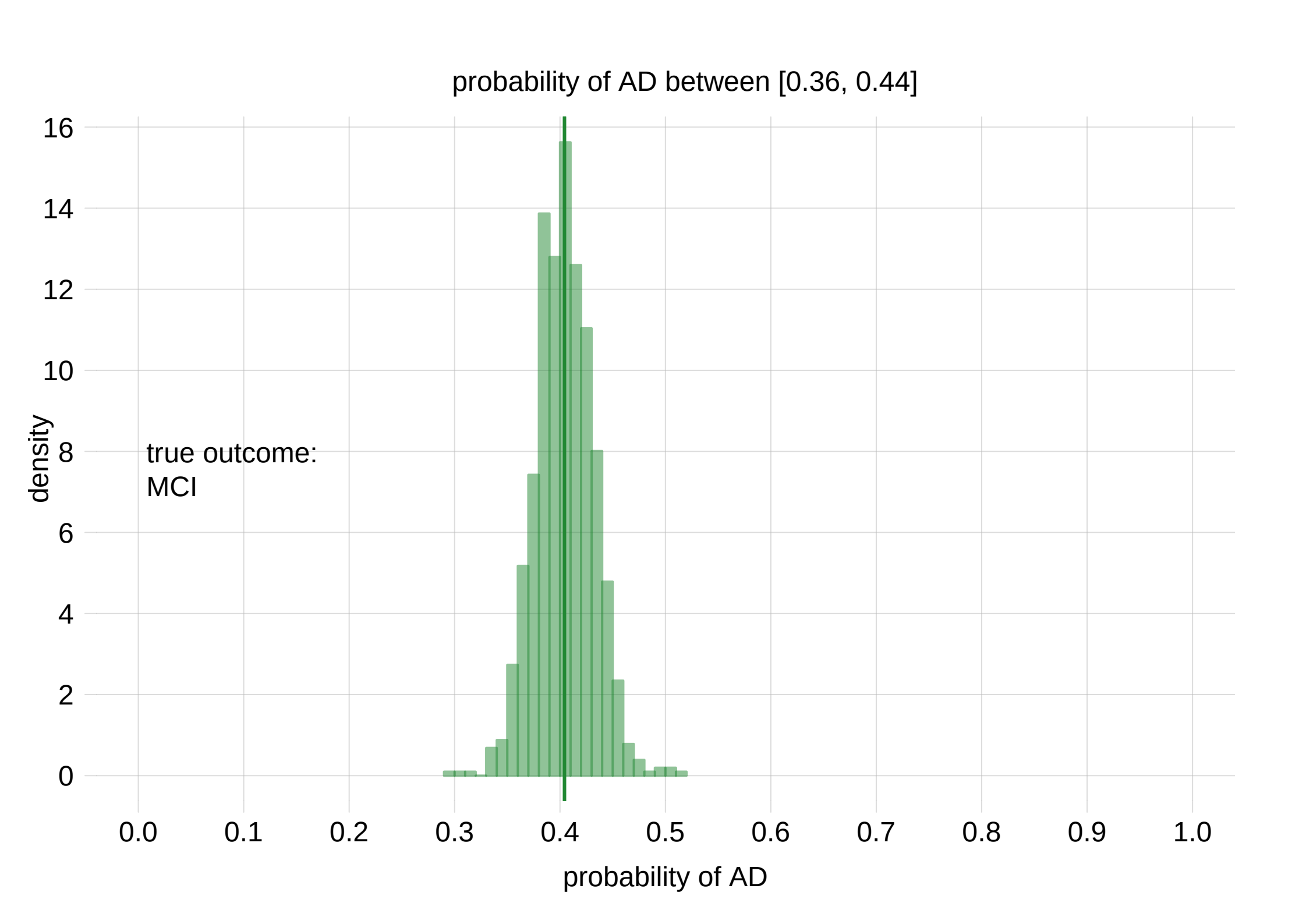

probability of AD between [0.34, 0.47]
density
probability of AD
true outcome:
AD
0
1
2
3
4
5
6
7
8
9
10
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0

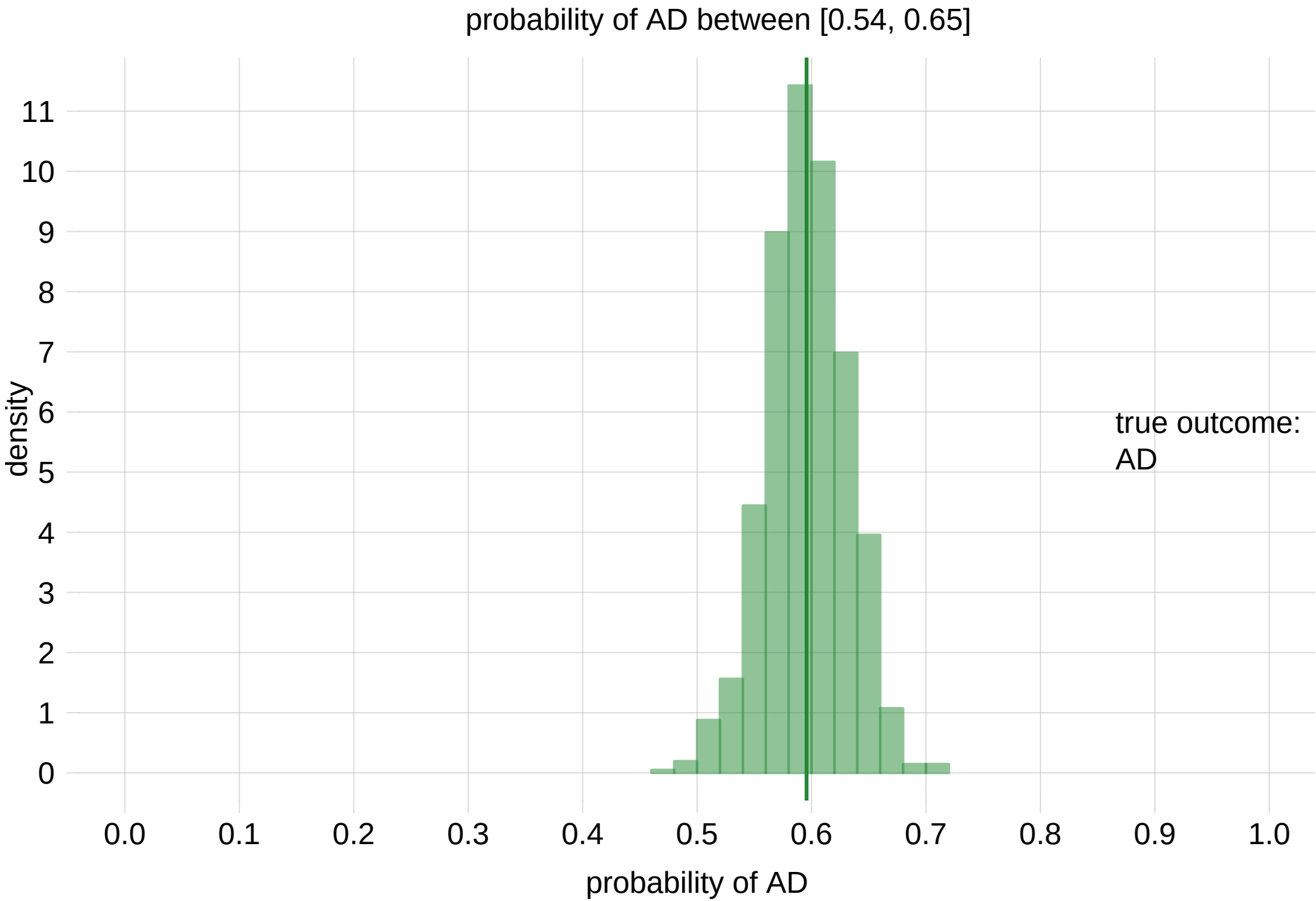

probability of AD between [0.52, 0.65]
density
0
1
2
3
4
5
6
7
8
9
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

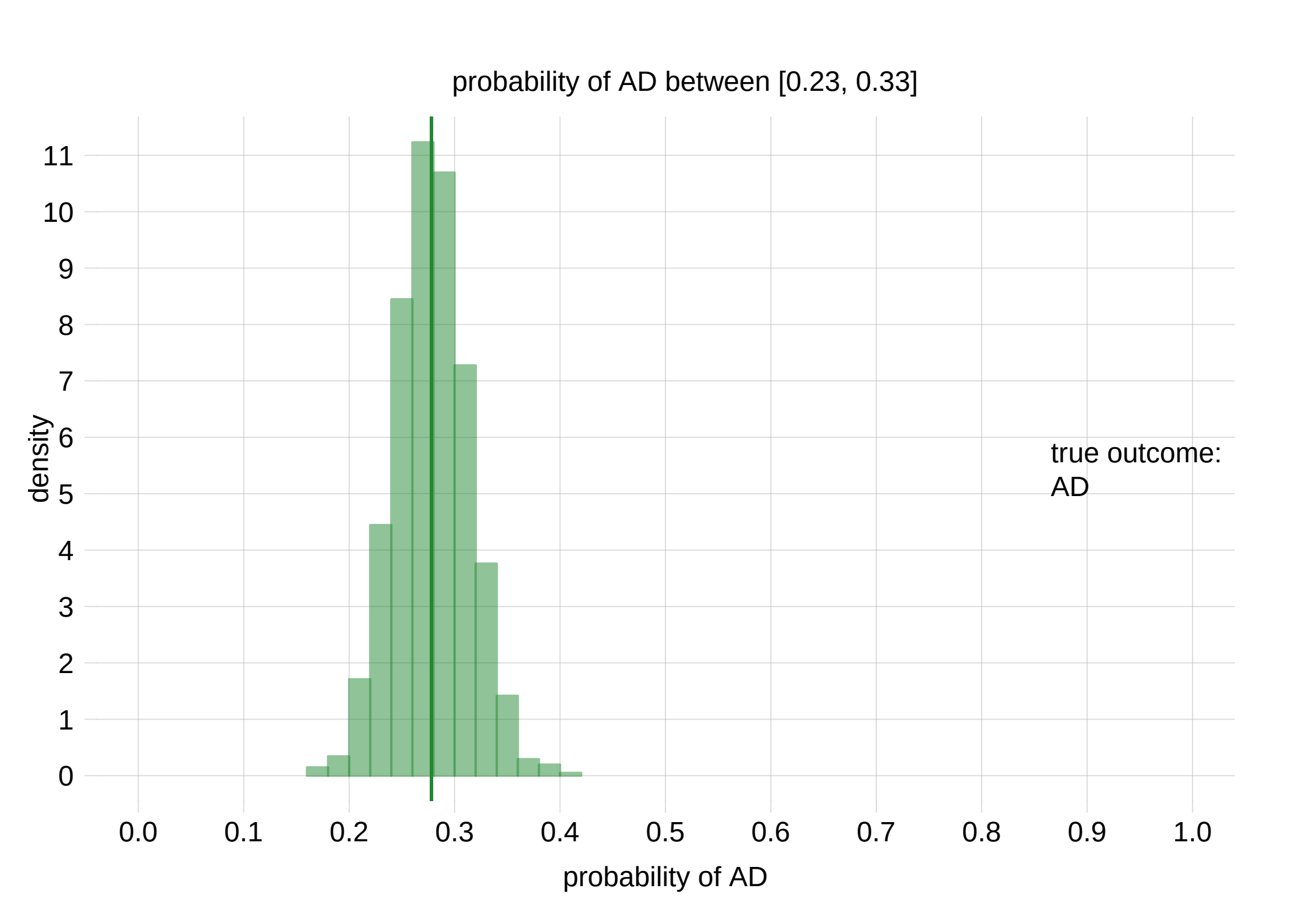

probability of AD between [0.24, 0.34]
density
13
12
11
10
9
8
7
6
5
4
3
2
1
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

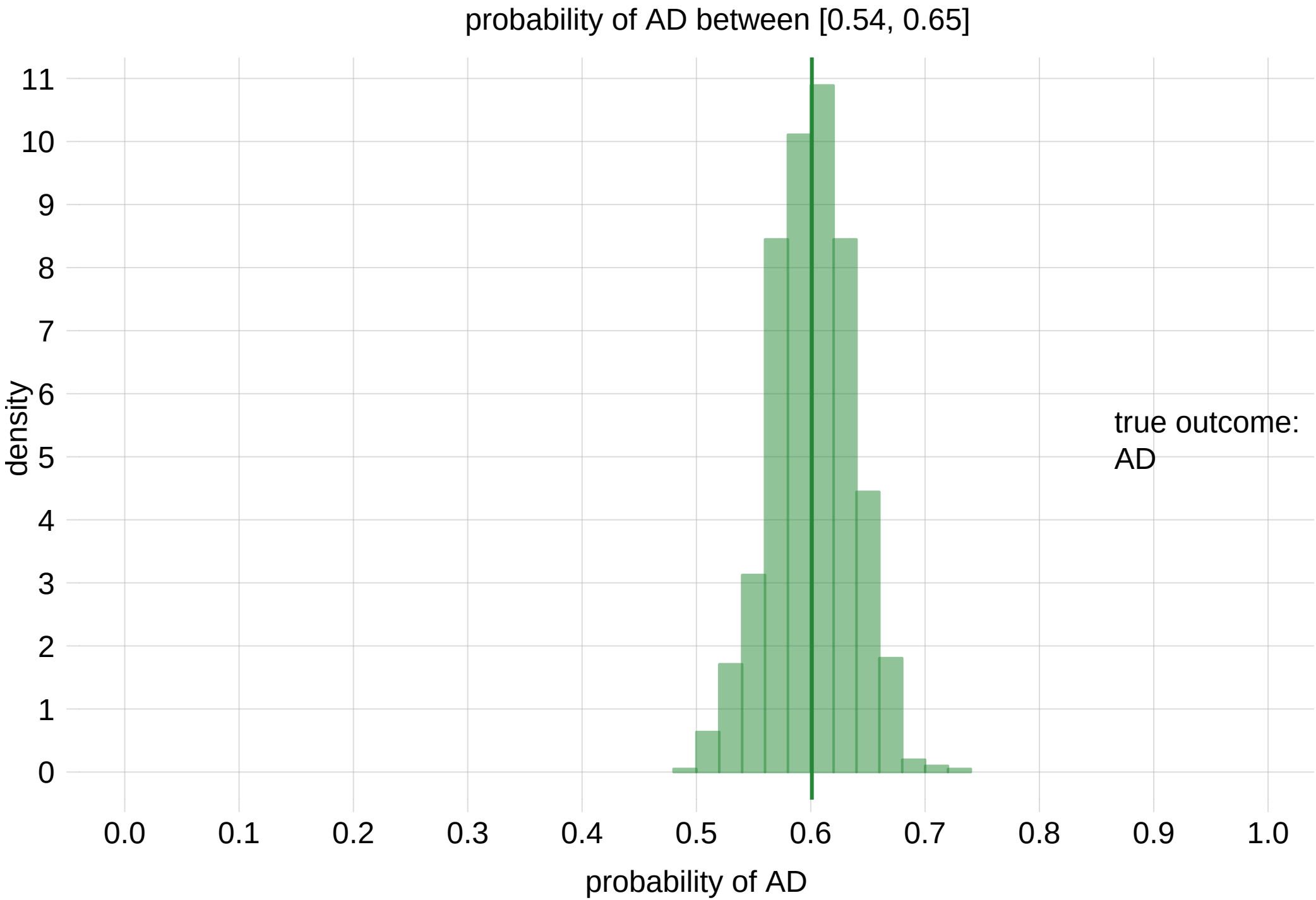

probability of AD between [0.35, 0.44]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
9
10
11
12
13
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

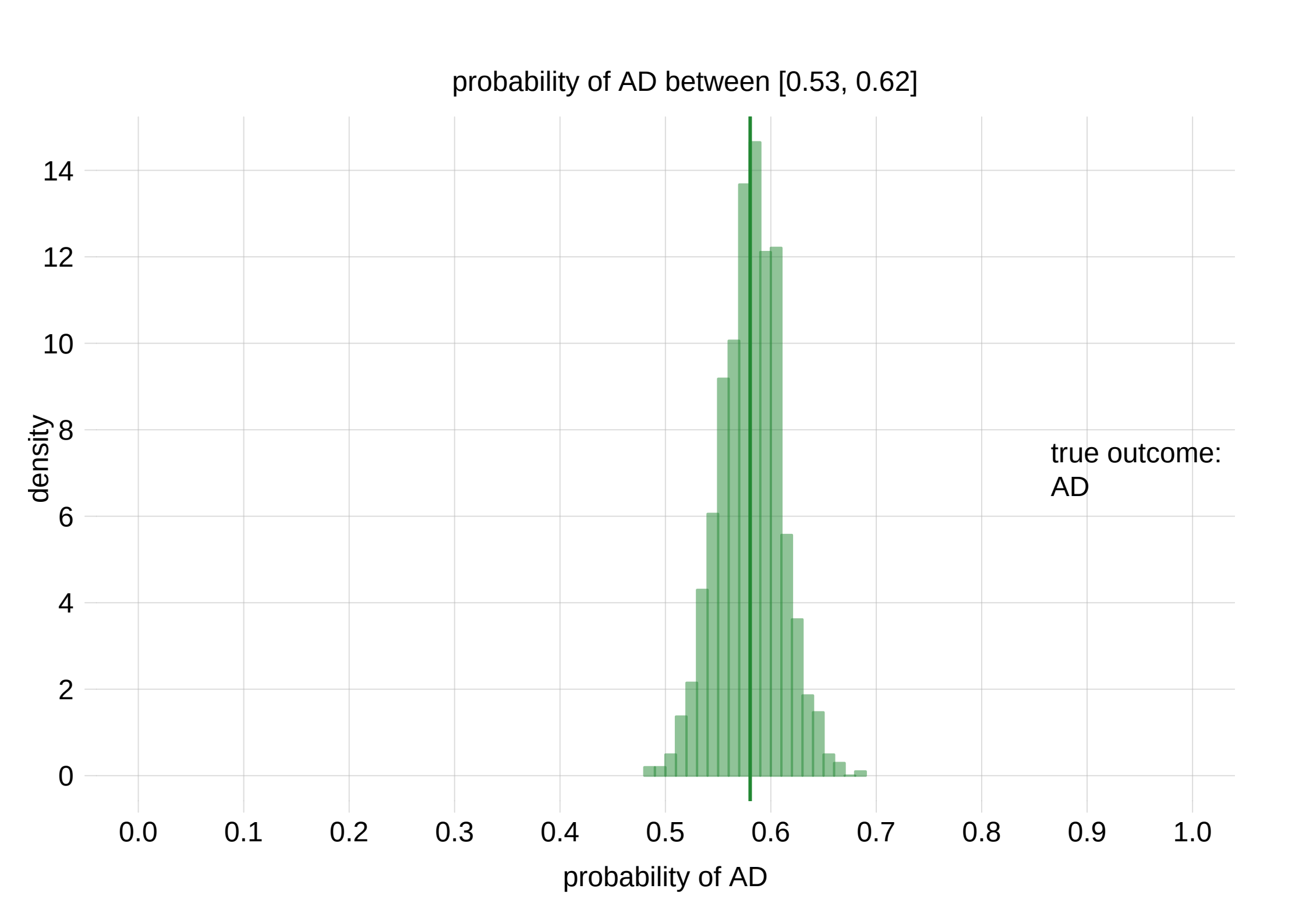

probability of AD between [0.3, 0.42]
density
11
10
9
8
7
6
5
4
3
2
1
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

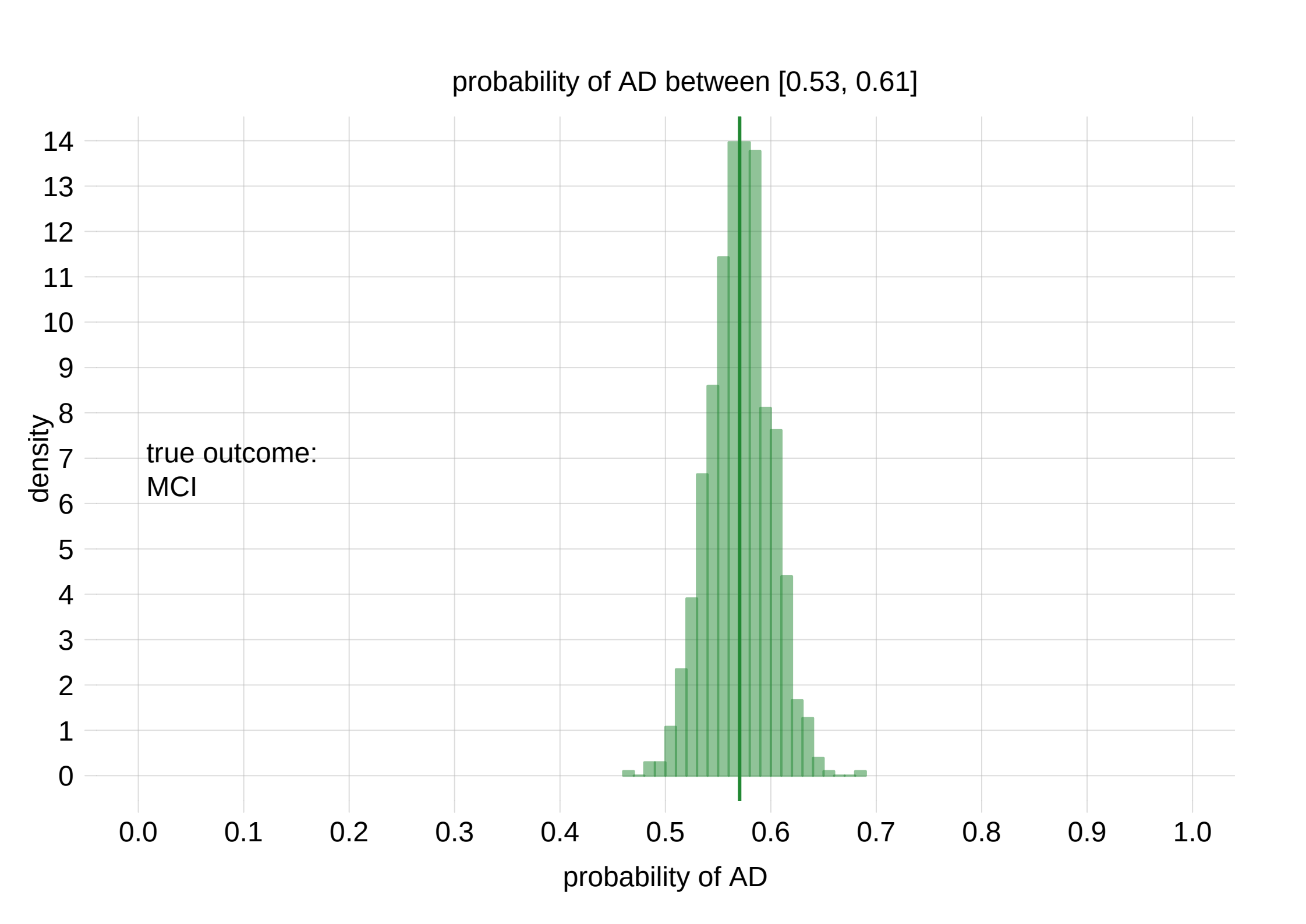

probability of AD between [0.36, 0.44]
density
16
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

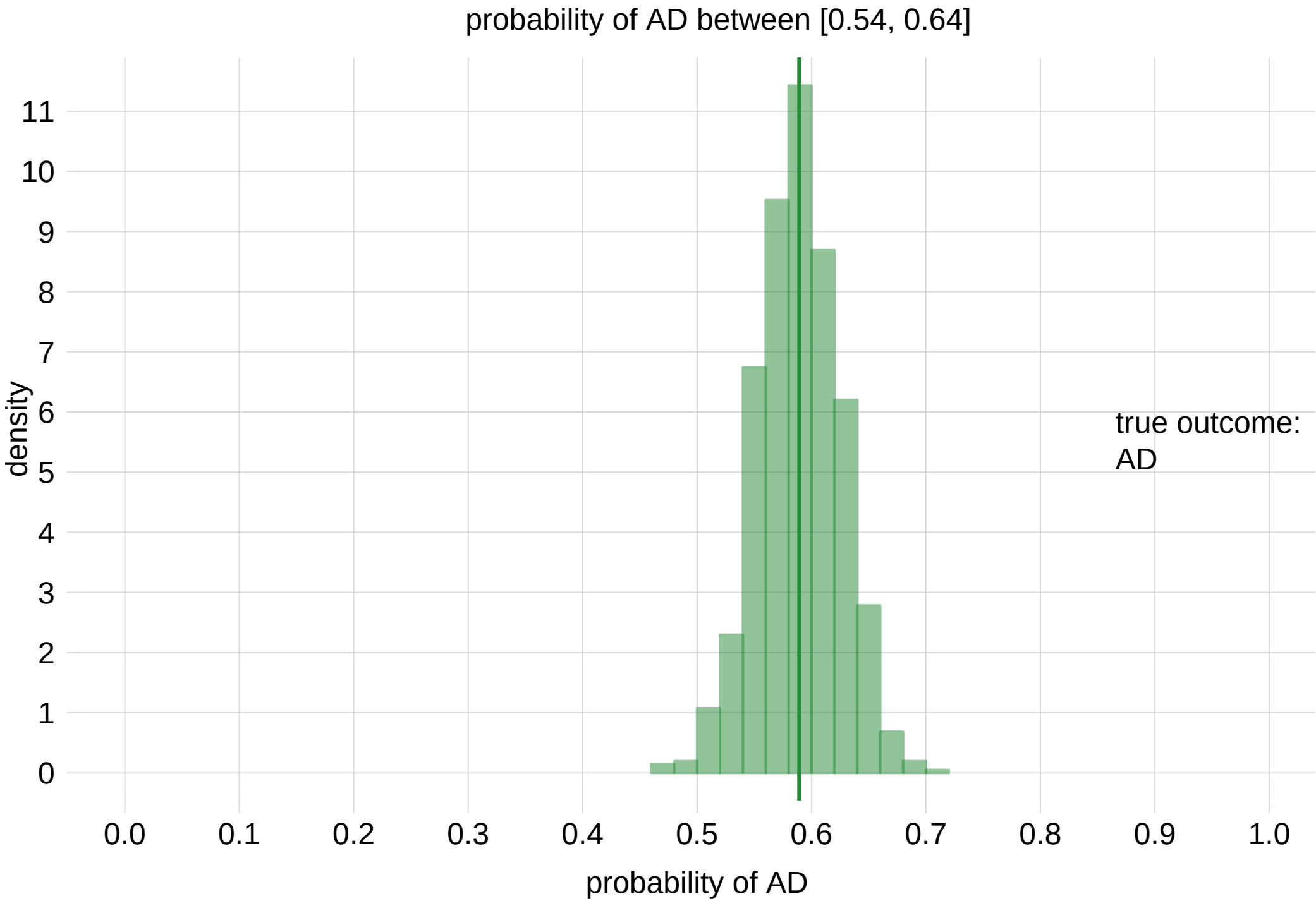

probability of AD between [0.54, 0.65]
density
0
1
2
3
4
5
6
7
8
9
10
11
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

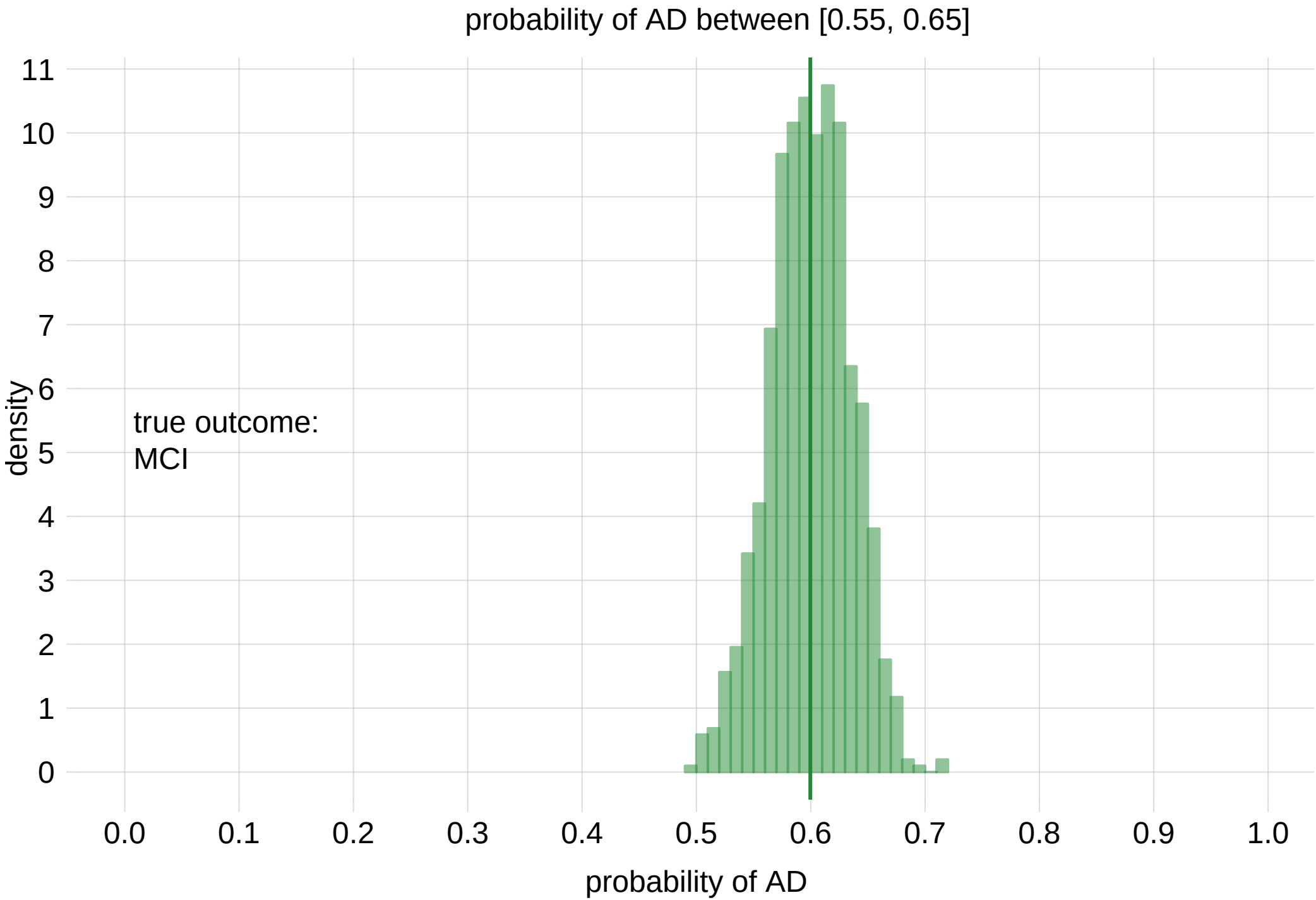

probability of AD between [0.23, 0.33]
density
0
1
2
3
4
5
6
7
8
9
10
11
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

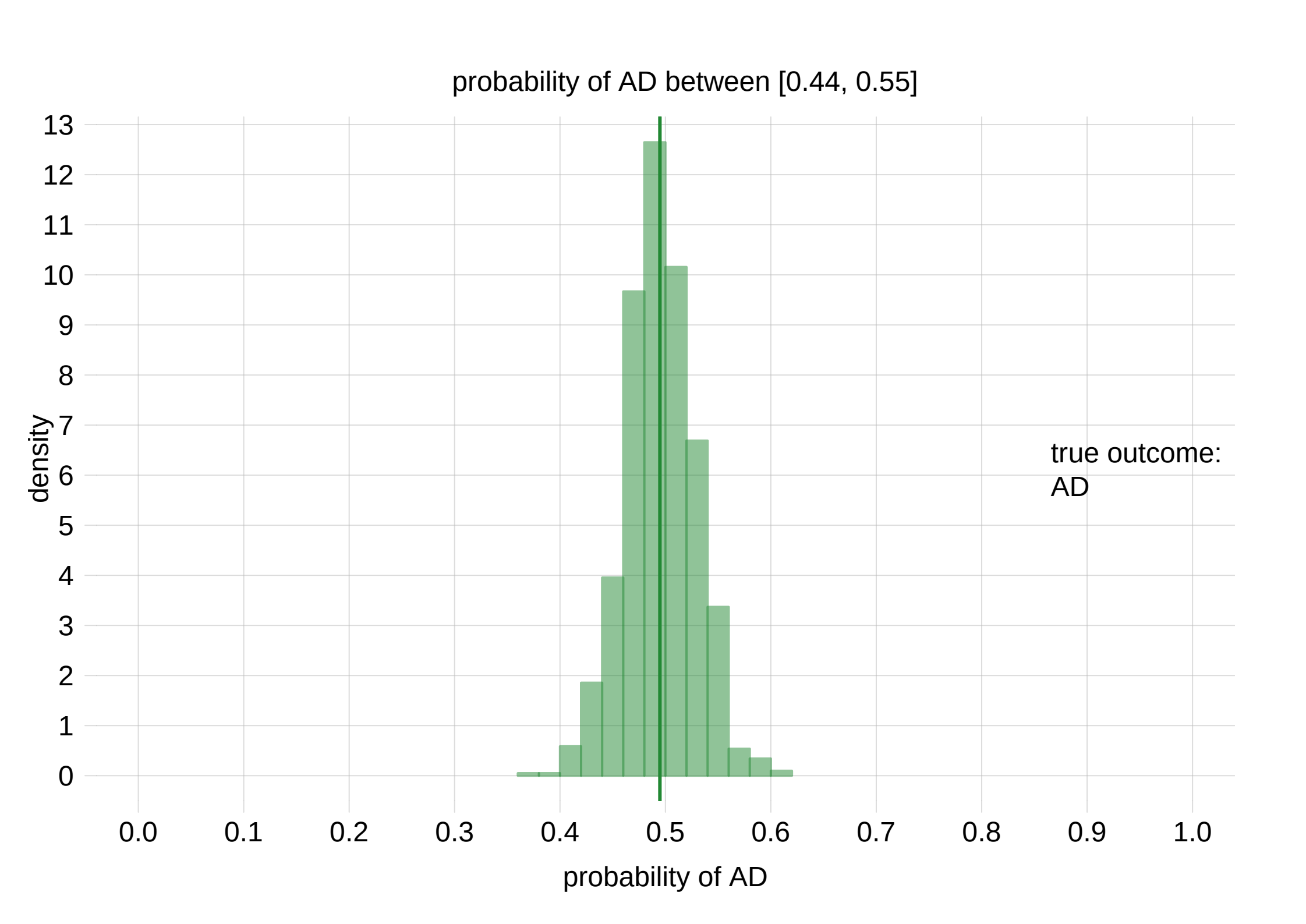

probability of AD between [0.54, 0.65]
density
probability of AD
true outcome:
AD
0
1
2
3
4
5
6
7
8
9
10
11
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0

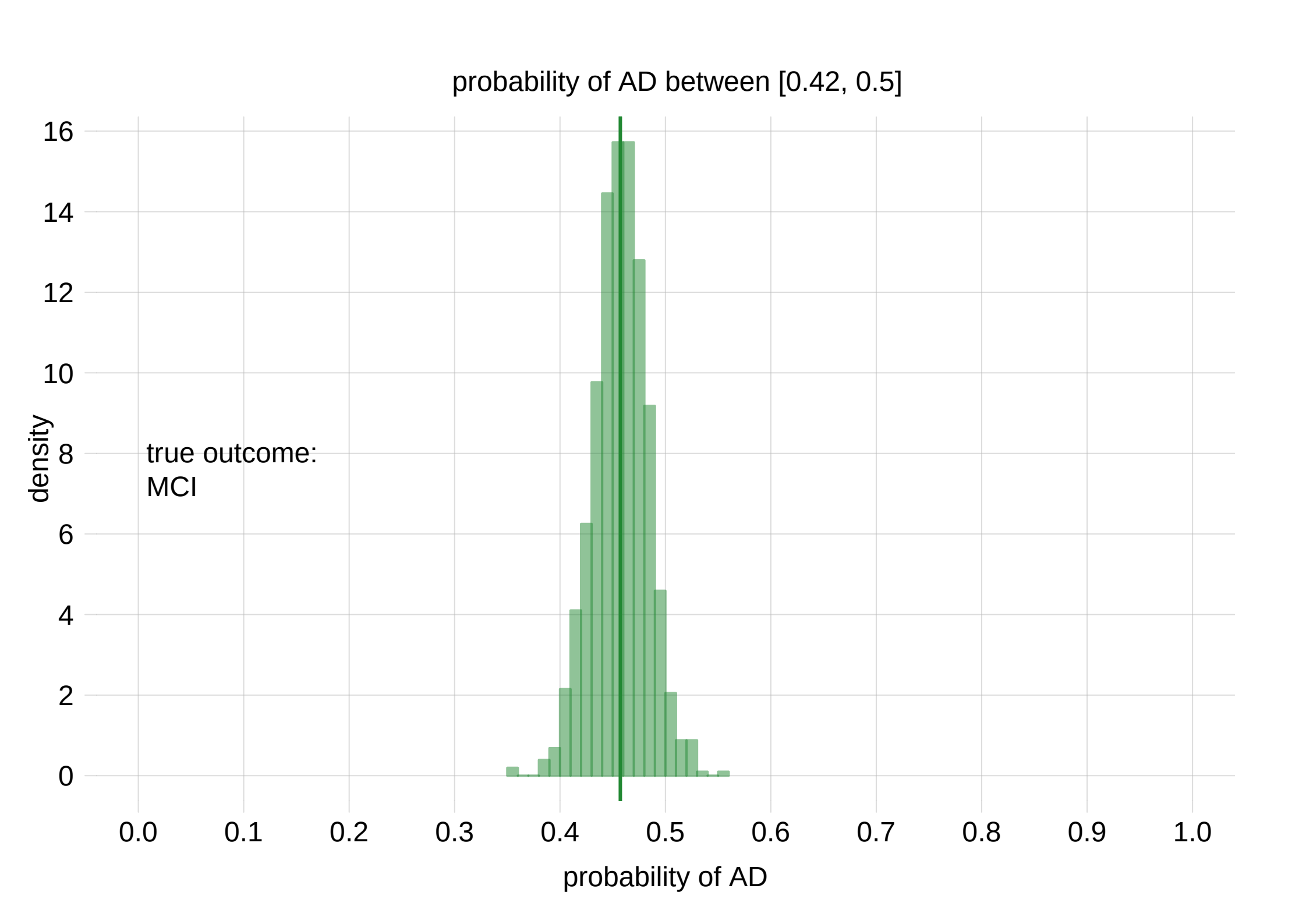

probability of AD between [0.53, 0.62]
density
0
2
4
6
8
10
12
14
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

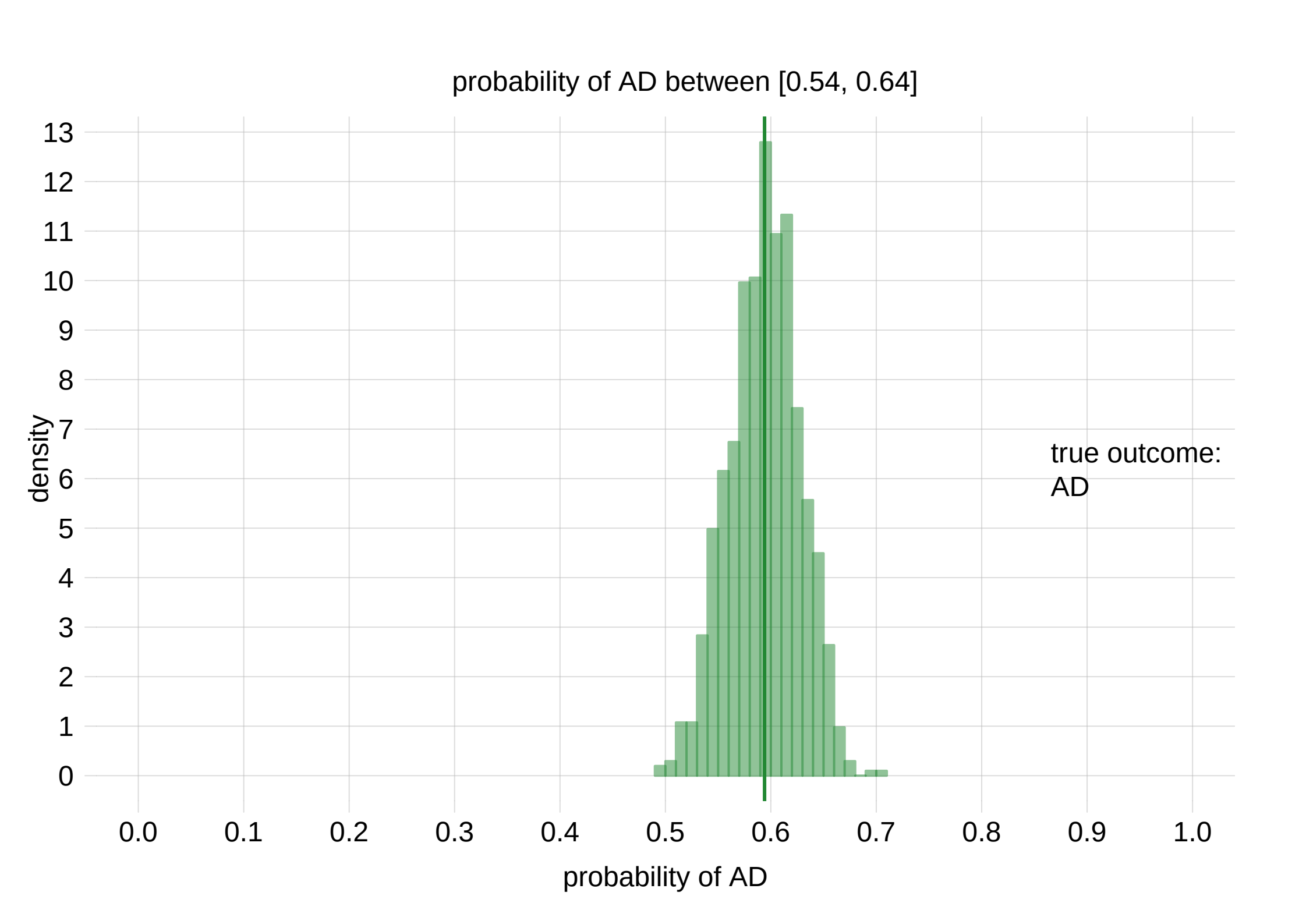

probability of AD between [0.53, 0.61]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

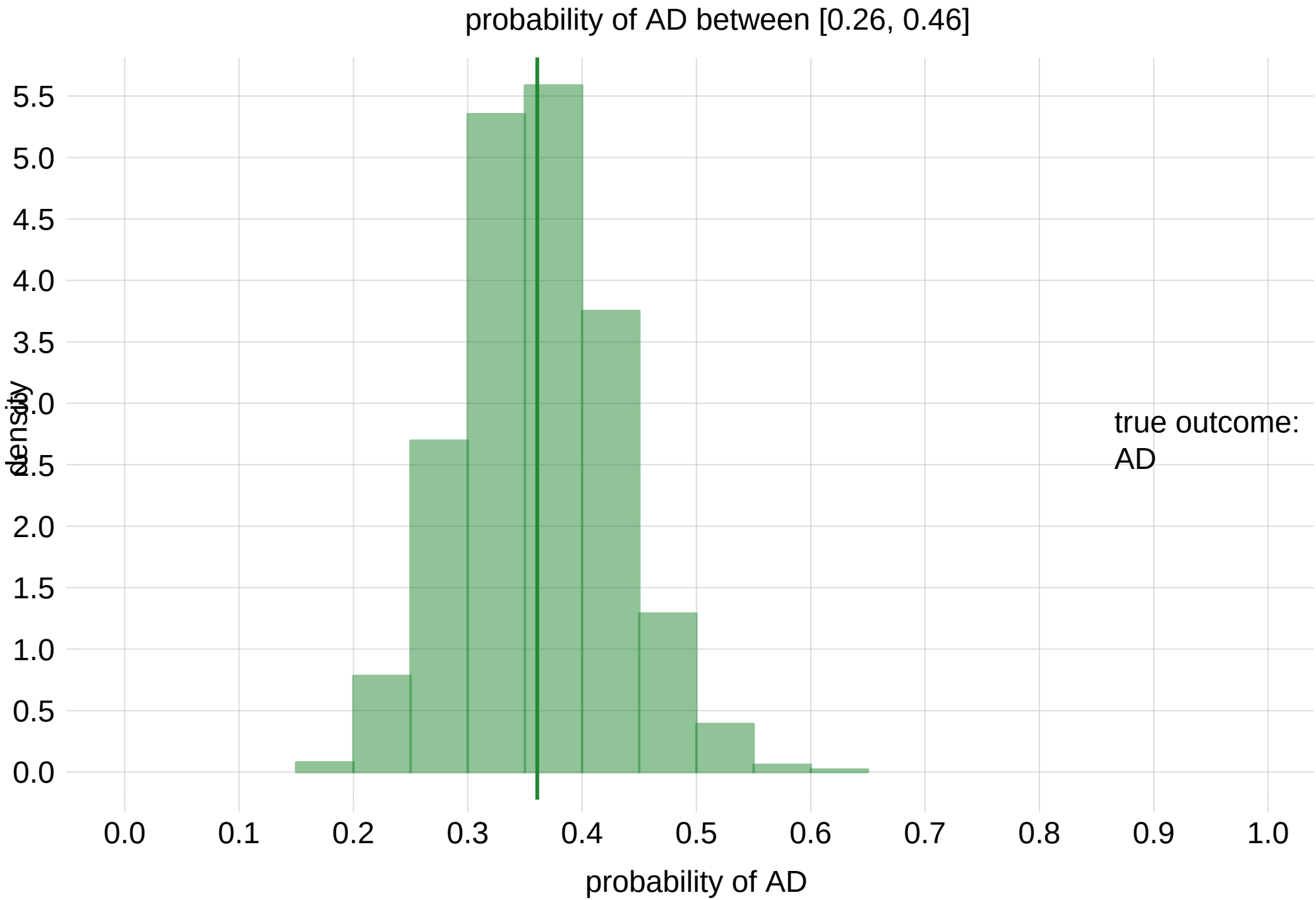

probability of AD between [0.54, 0.64]
density
0
1
2
3
4
5
6
7
8
9
10
11
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

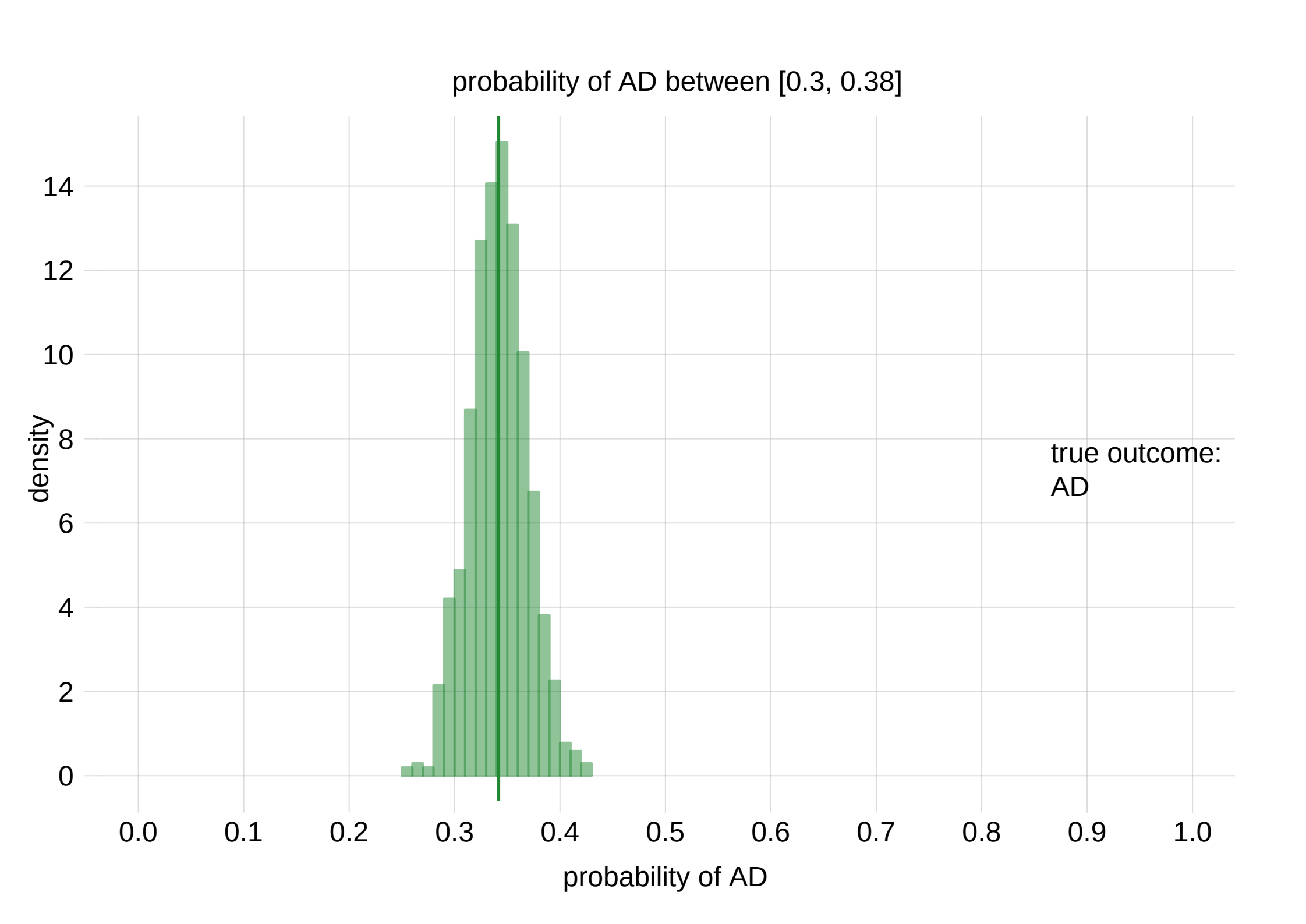

probability of AD between [0.55, 0.65]
density
true outcome:
MCI
probability of AD
0
1
2
3
4
5
6
7
8
9
10
11
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0

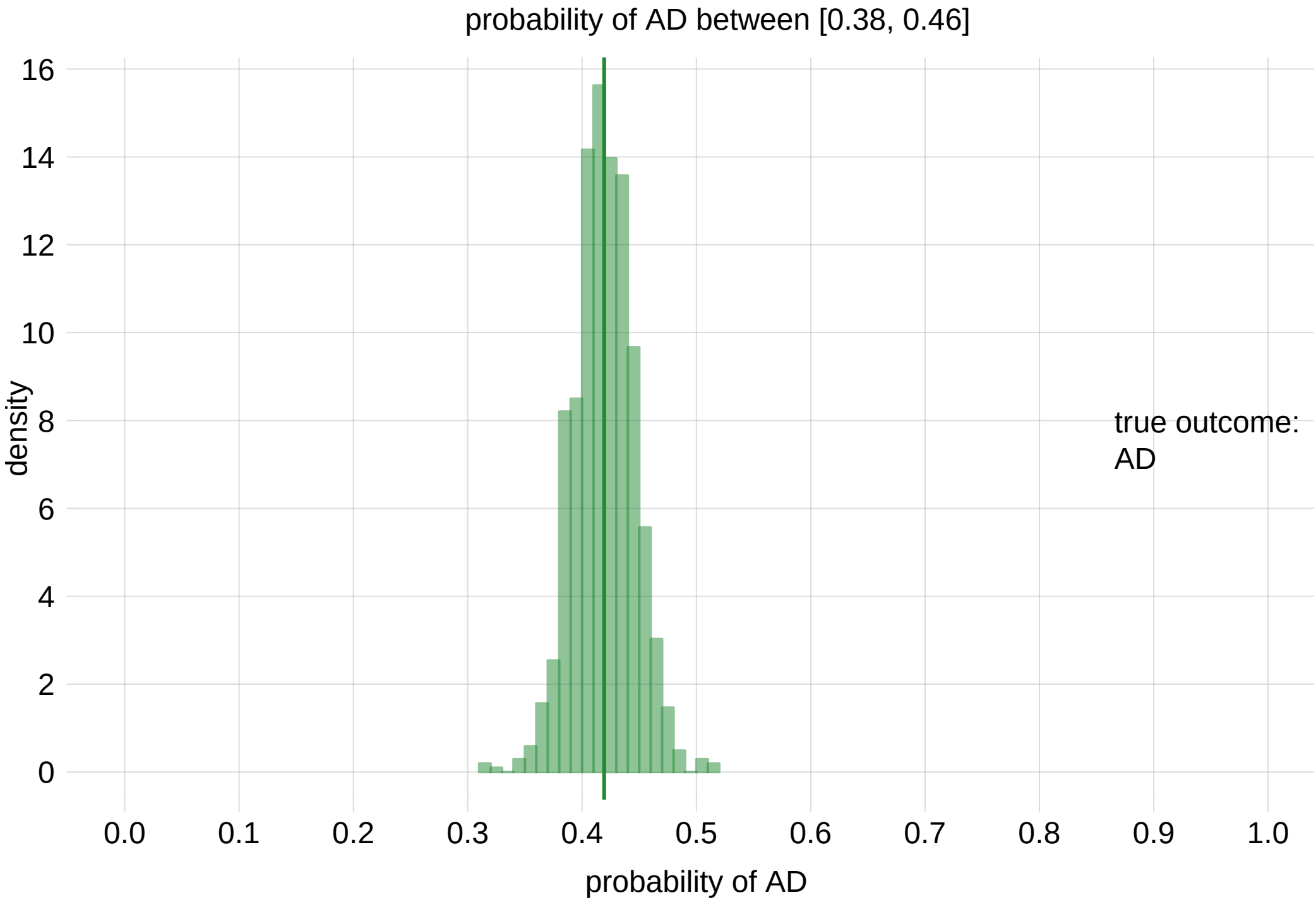

probability of AD between [0.44, 0.55]
density
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

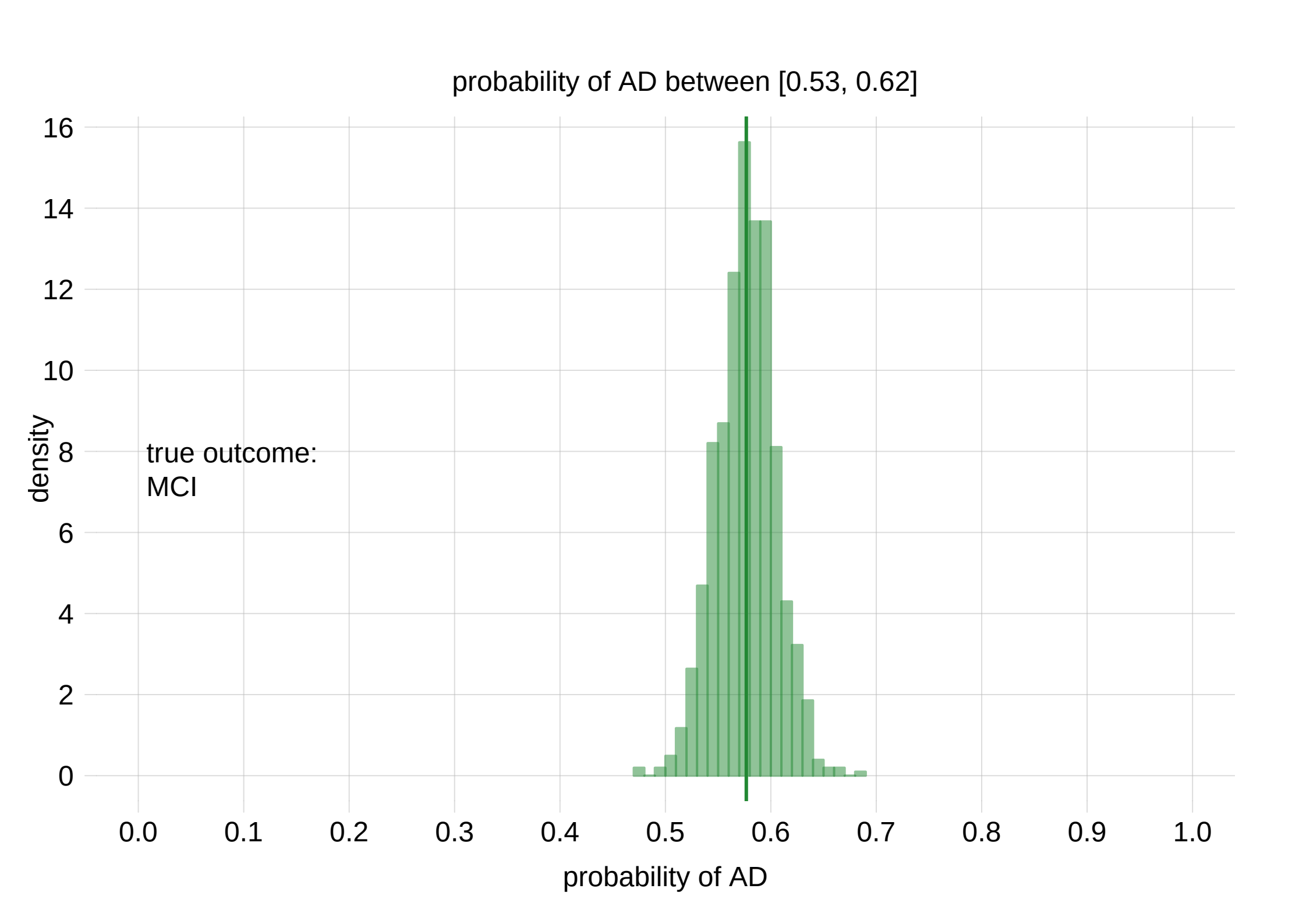

probability of AD between [0.42, 0.5]
16
14
12
10
8
6
4
2
0
density
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

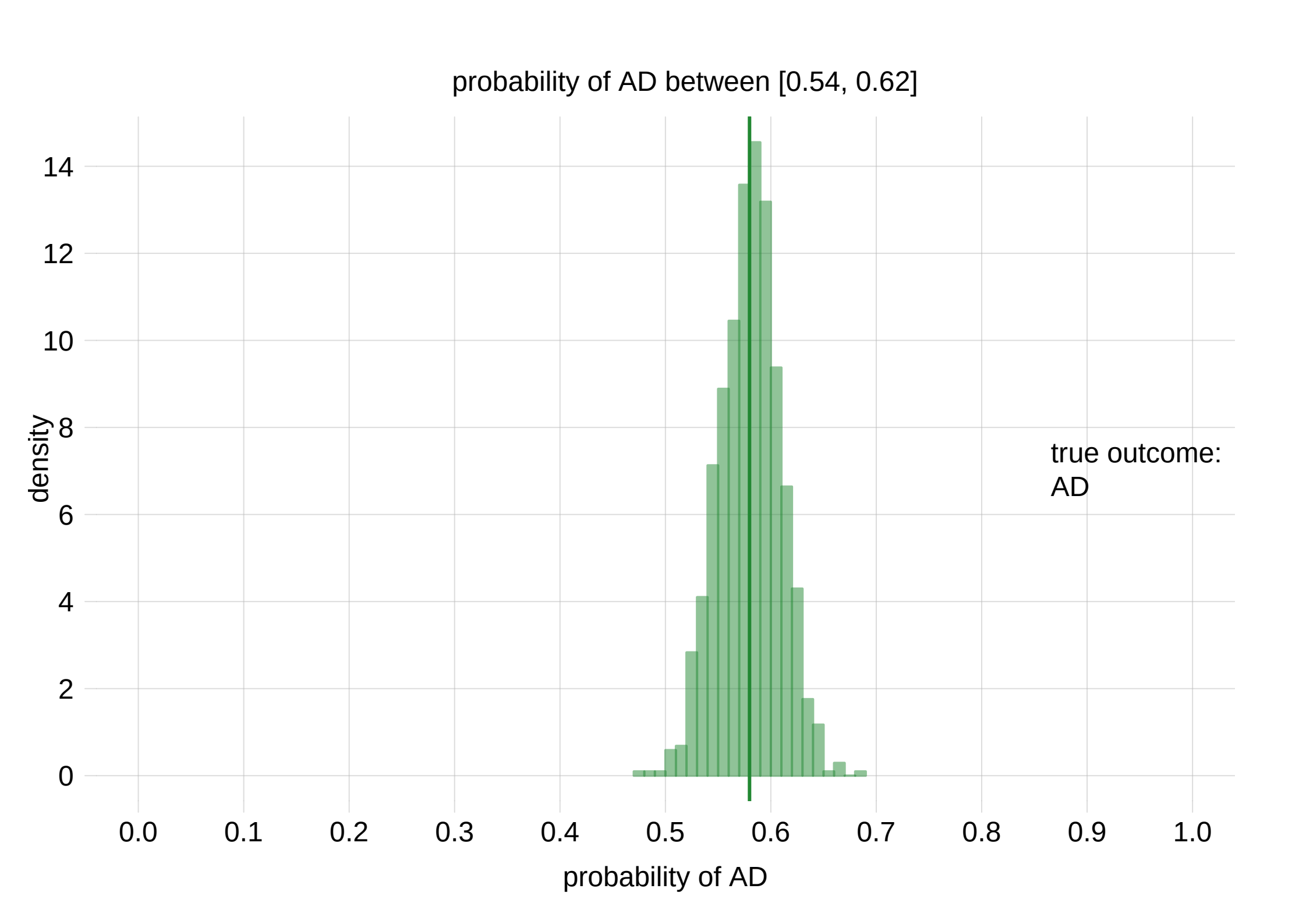

probability of AD between [0.54, 0.64]
density
0
1
2
3
4
5
6
7
8
9
10
11
12
13
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

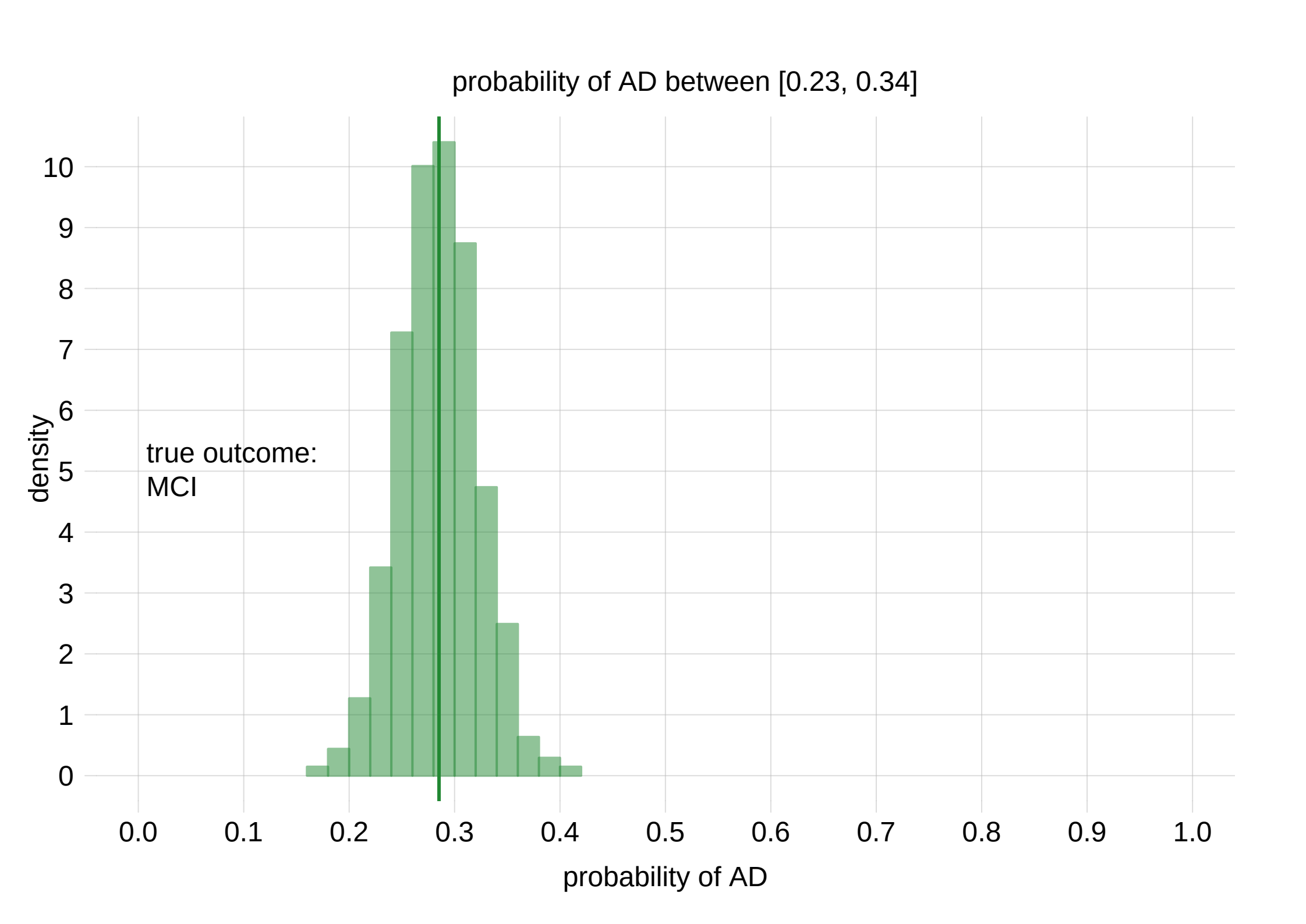

probability of AD between [0.26, 0.46]
density
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

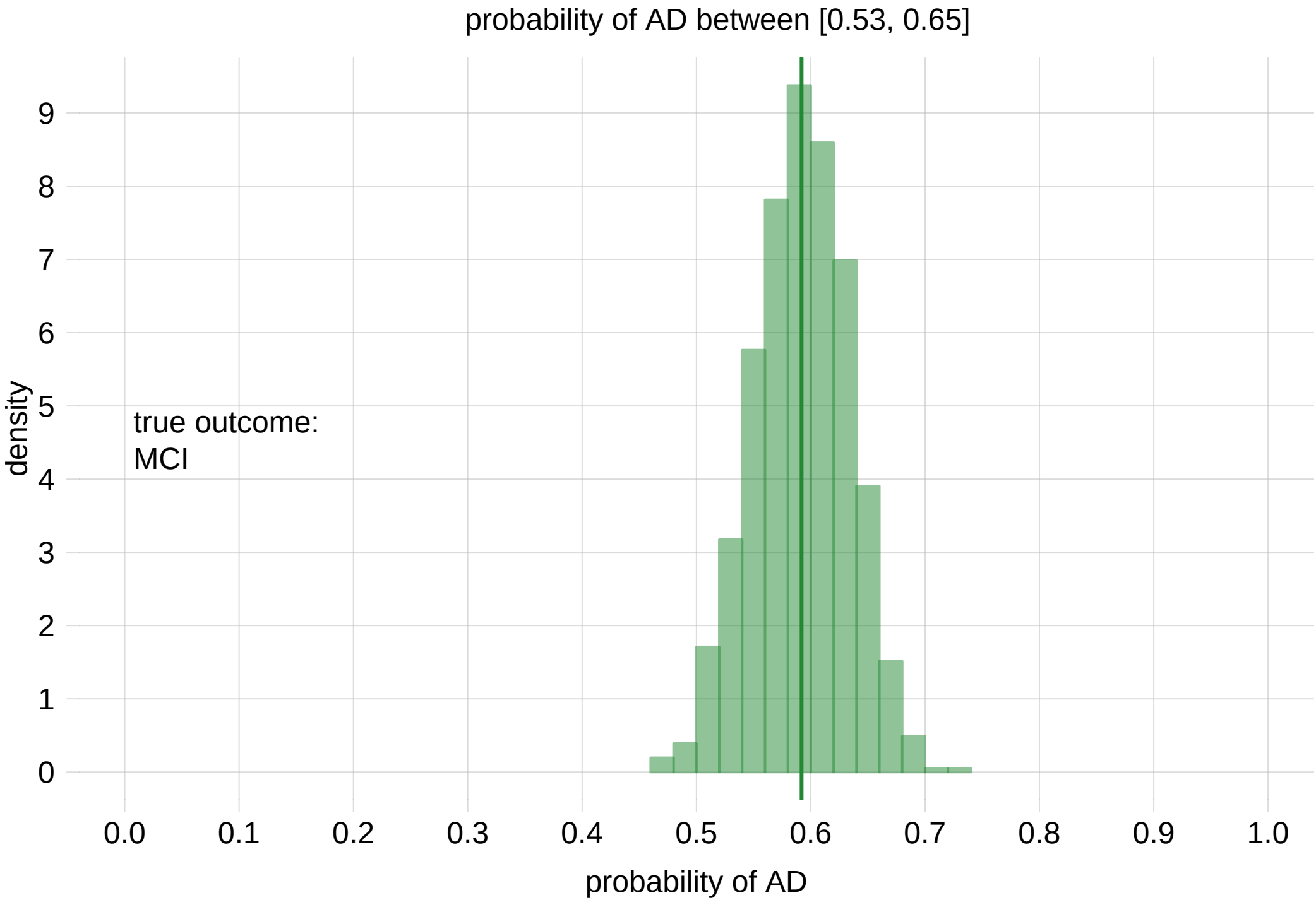

probability of AD between [0.3, 0.38]
density
0
2
4
6
8
10
12
14
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

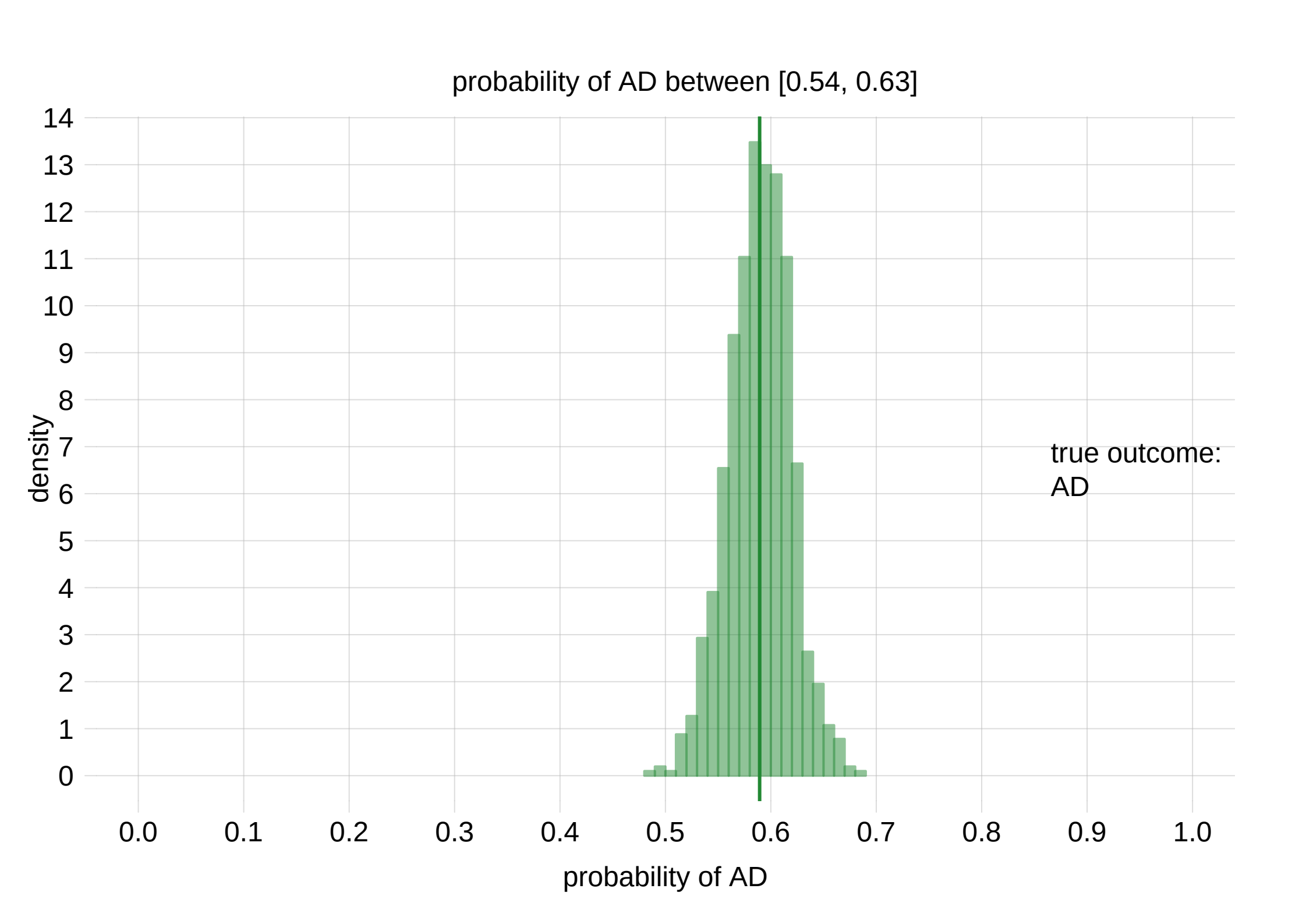

probability of AD between [0.38, 0.46]
density
16
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

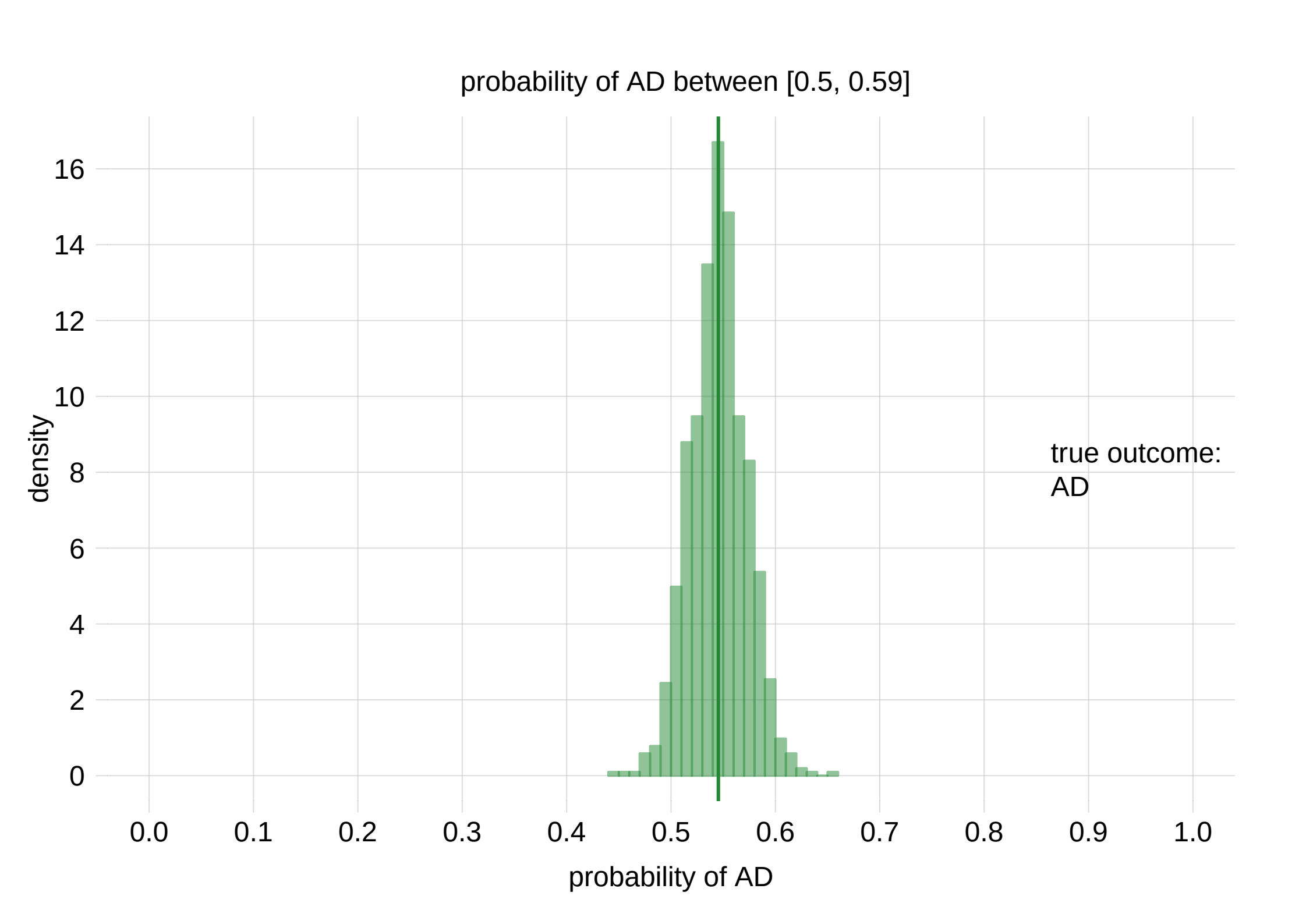

probability of AD between [0.53, 0.62]
16
14
12
10
8
6
4
2
0
density
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

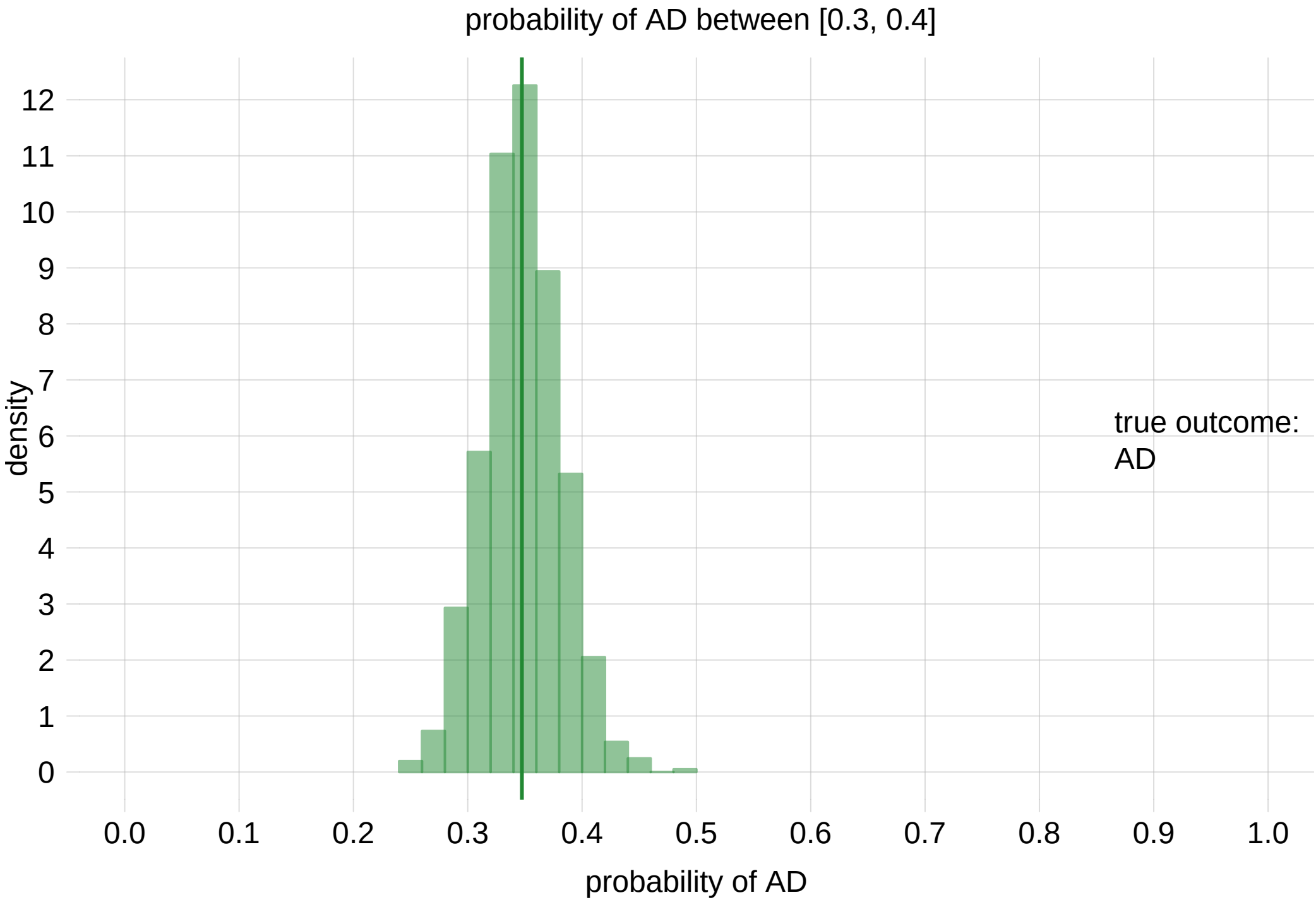

probability of AD between [0.54, 0.62]
density
0
2
4
6
8
10
12
14
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

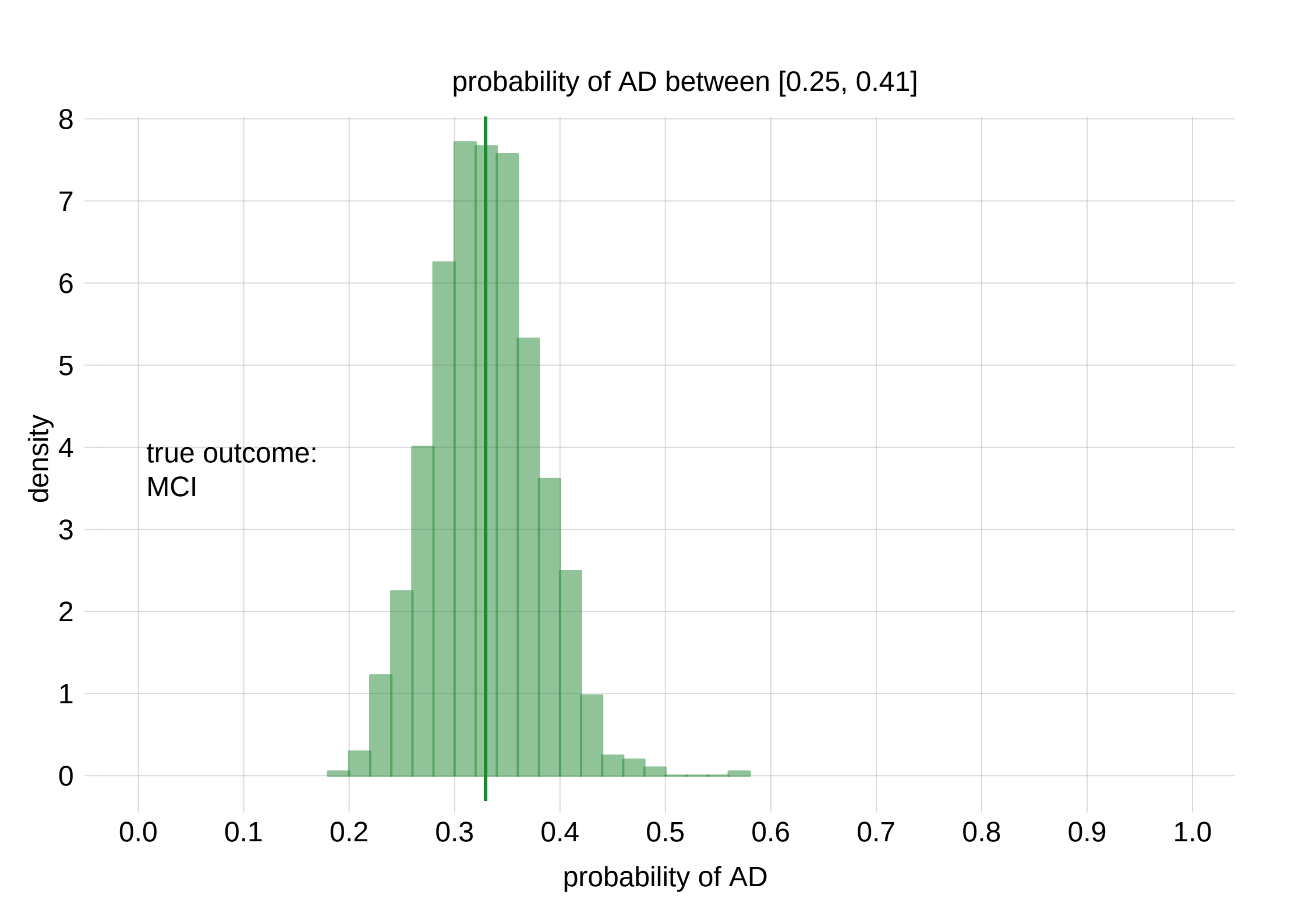

probability of AD between [0.23, 0.34]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
9
10
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

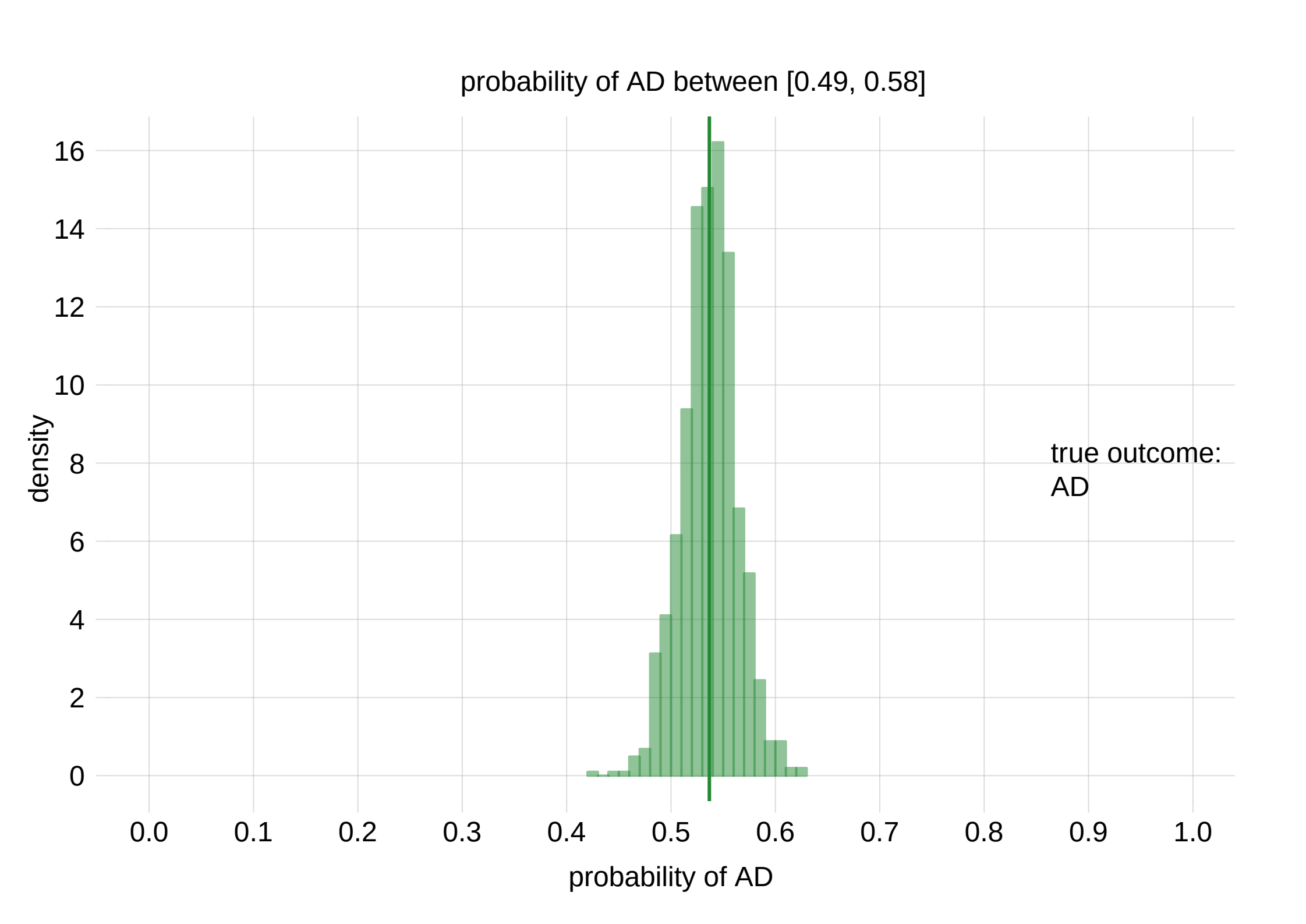

probability of AD between [0.53, 0.65]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
9
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

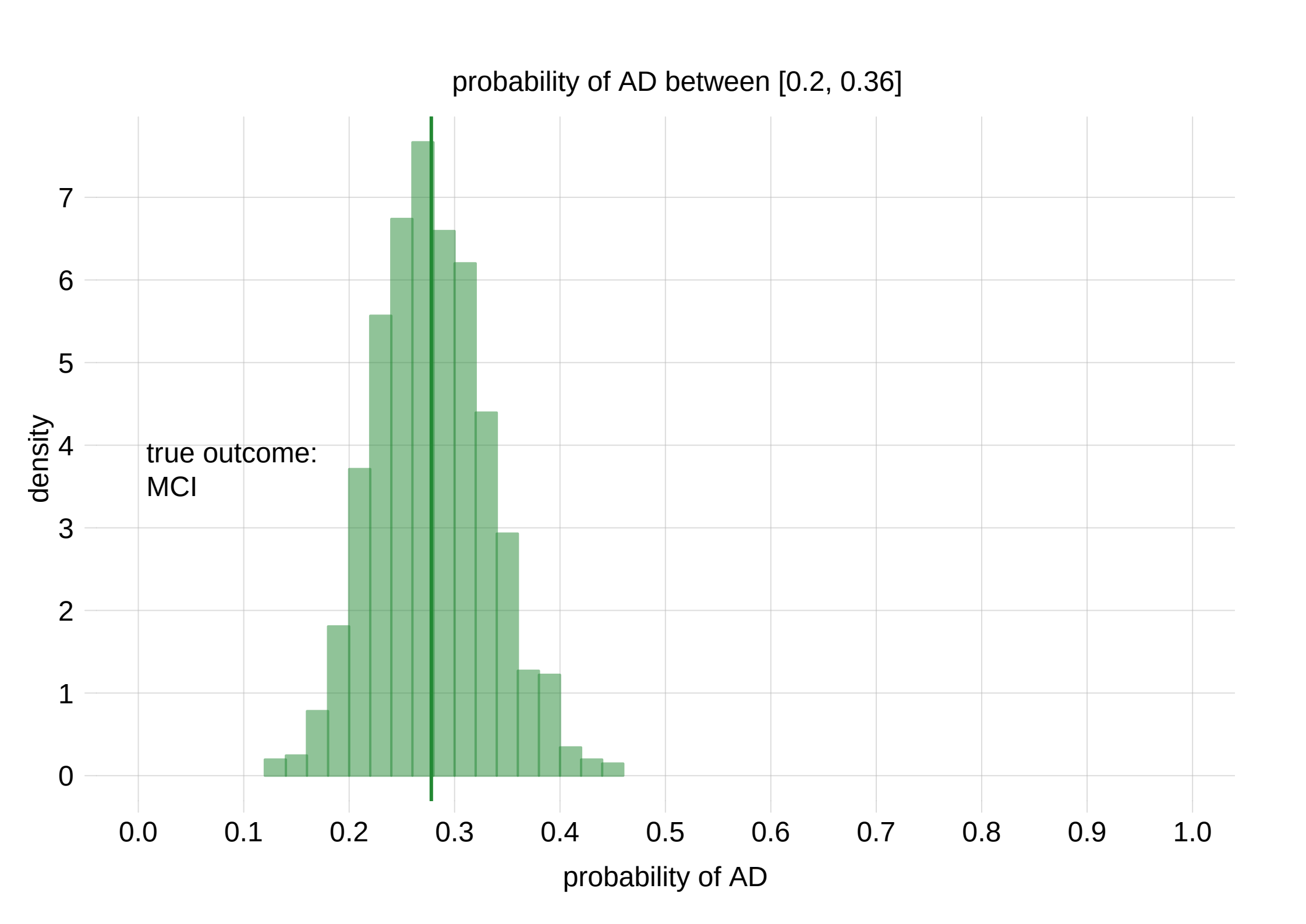

probability of AD between [0.54, 0.63]
density
probability of AD
true outcome:
AD
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0

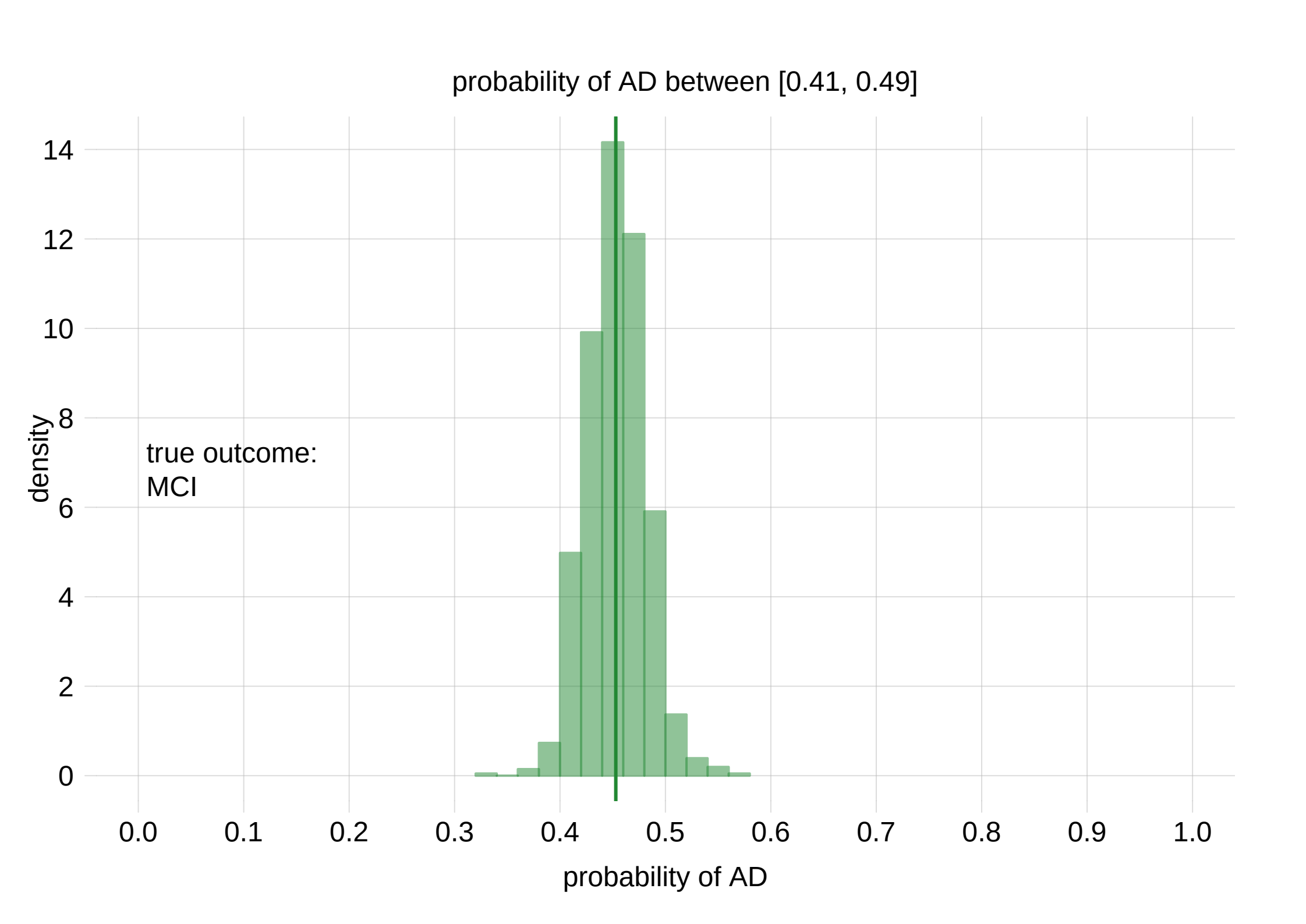

probability of AD between [0.5, 0.59]
density
16
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

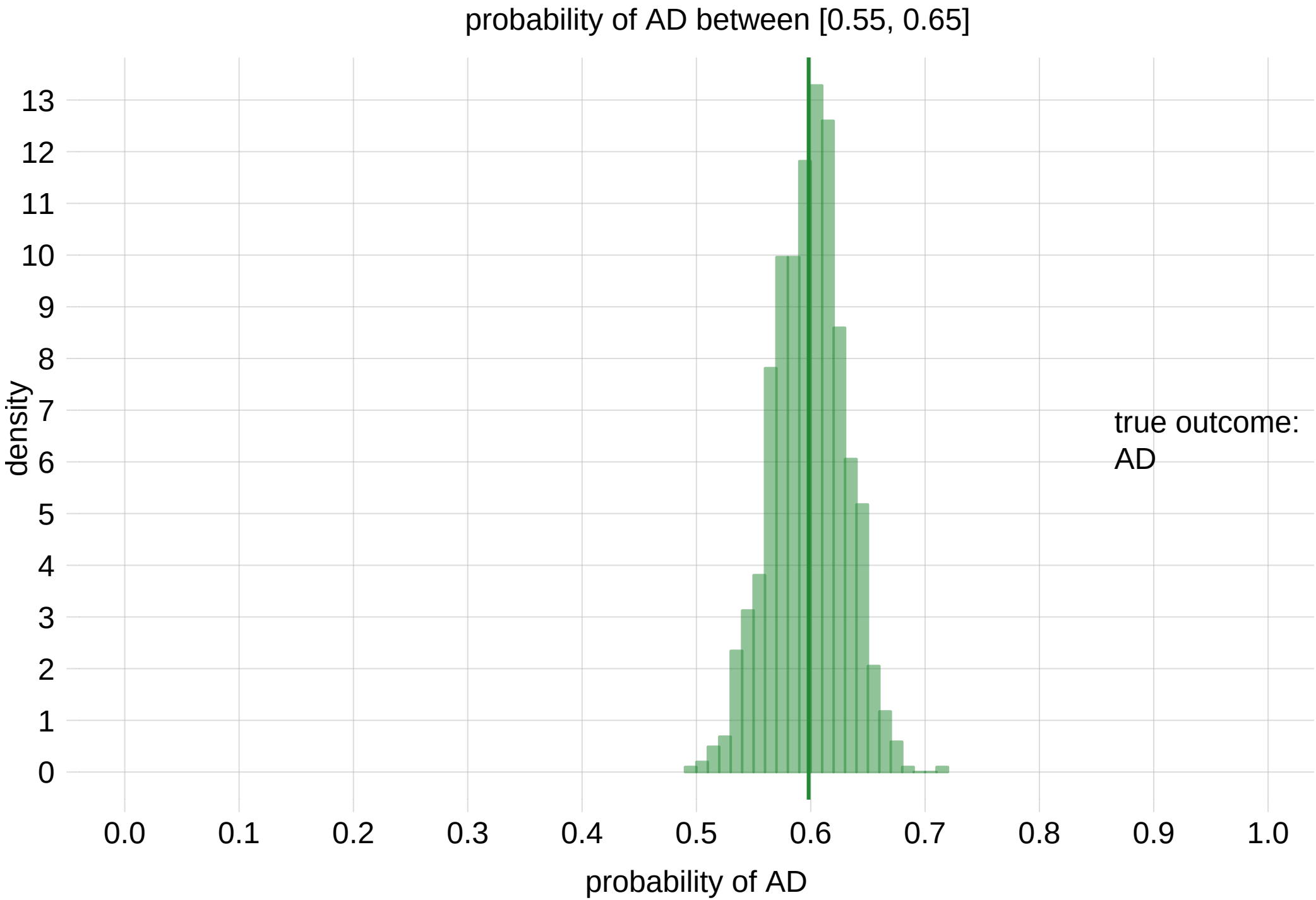

probability of AD between [0.3, 0.4]
density
0
1
2
3
4
5
6
7
8
9
10
11
12
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

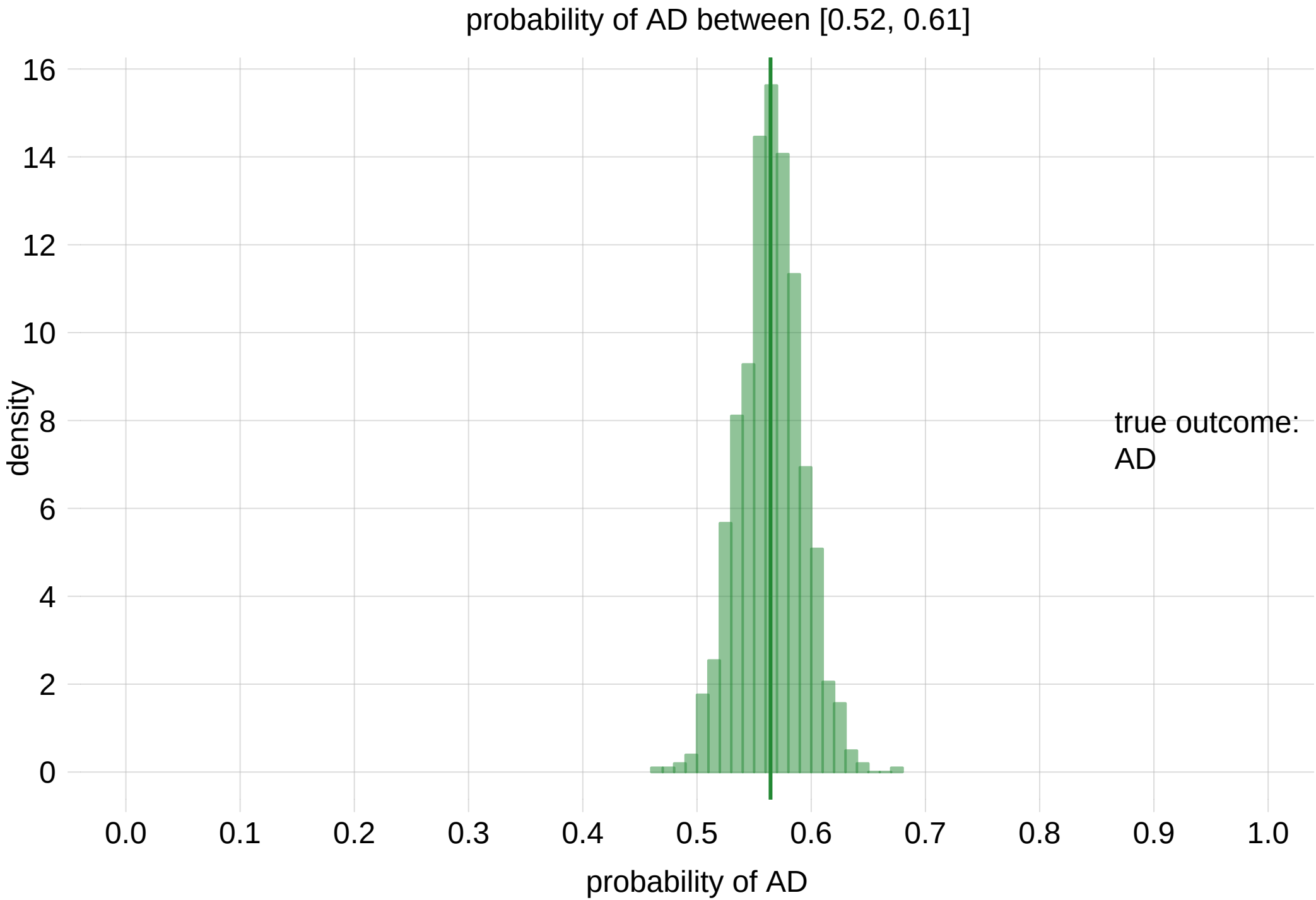

probability of AD between [0.25, 0.41]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

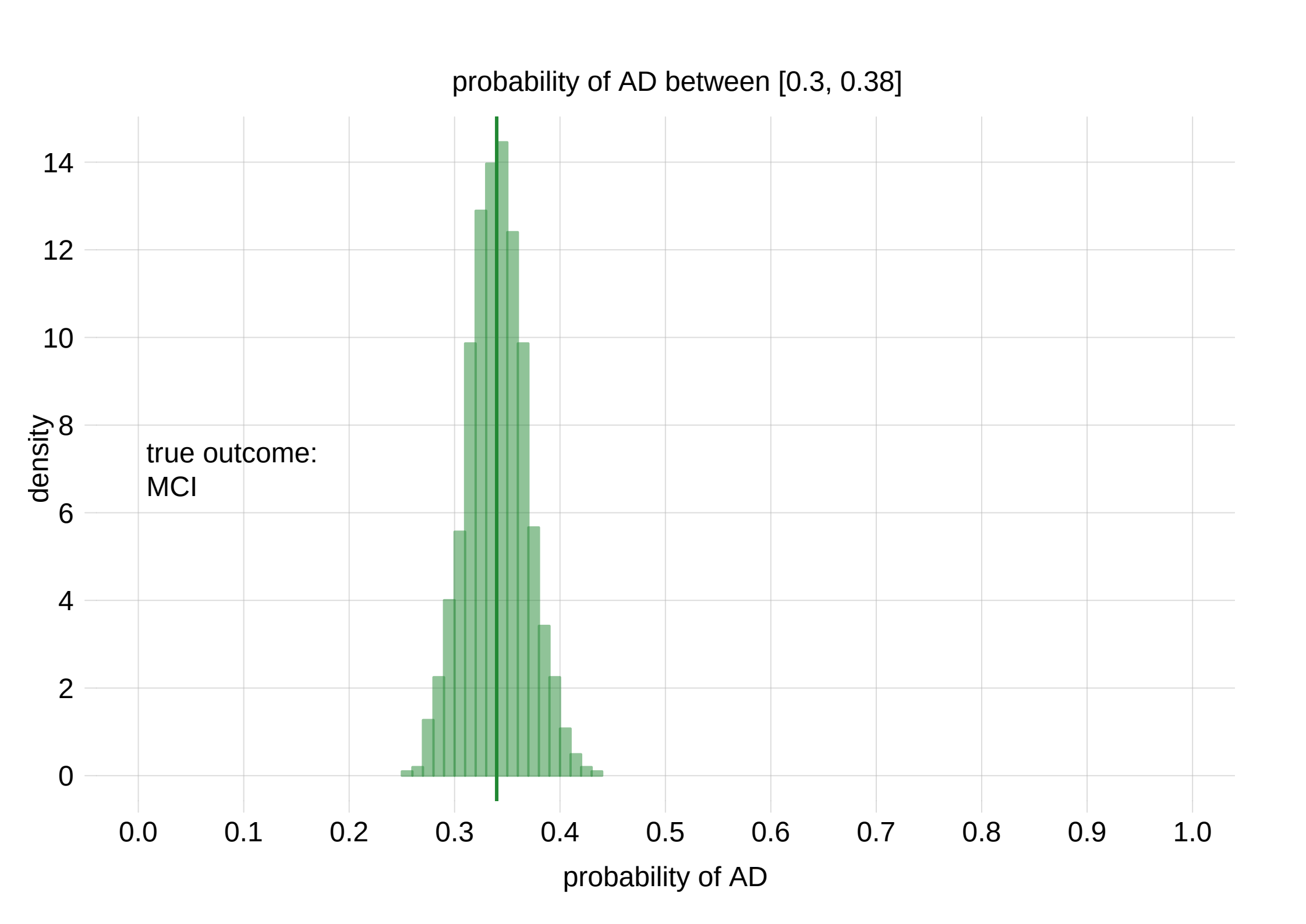

probability of AD between [0.49, 0.58]
density
probability of AD
true outcome:
AD
0
2
4
6
8
10
12
14
16
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0

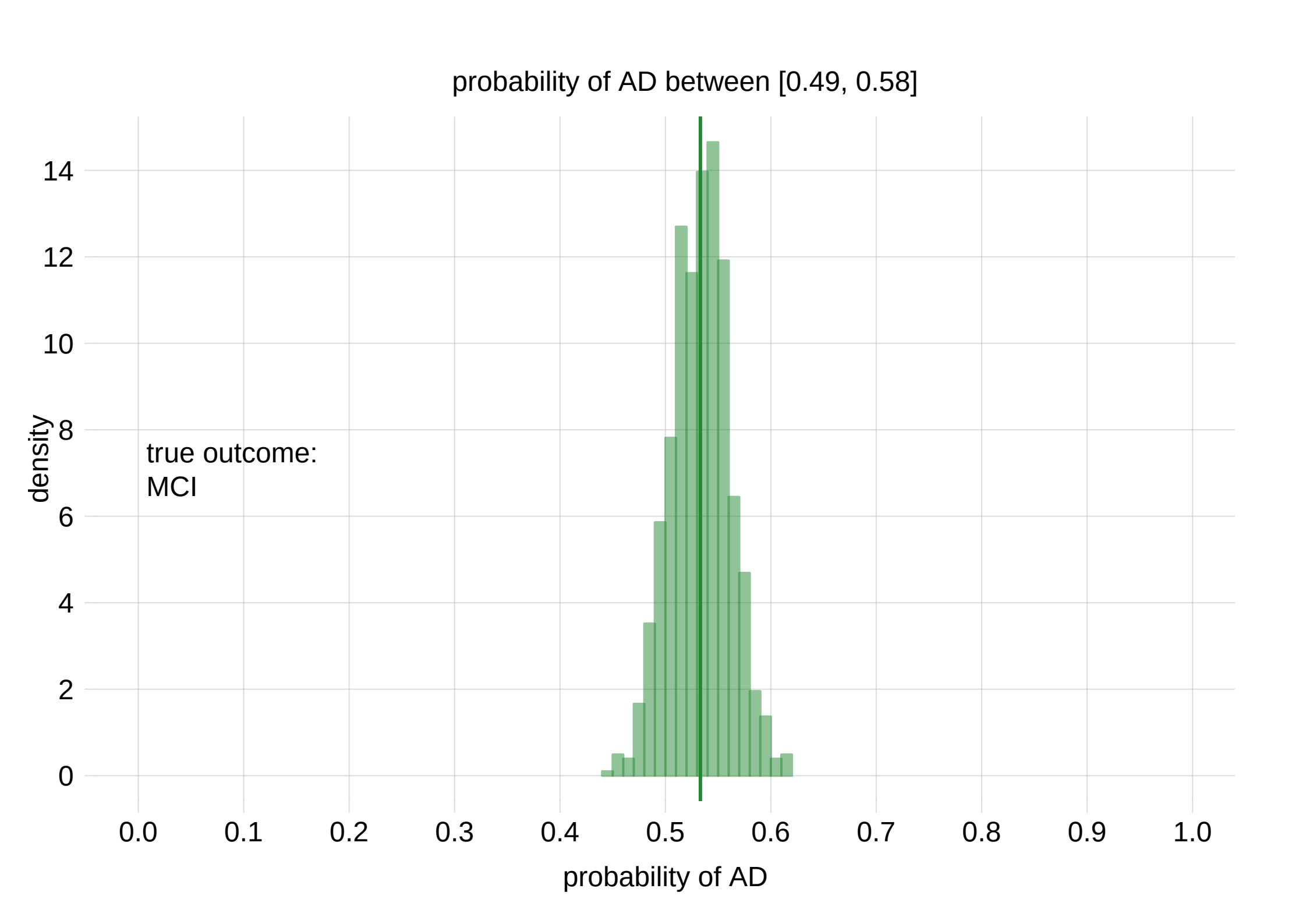

probability of AD between [0.2, 0.36]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

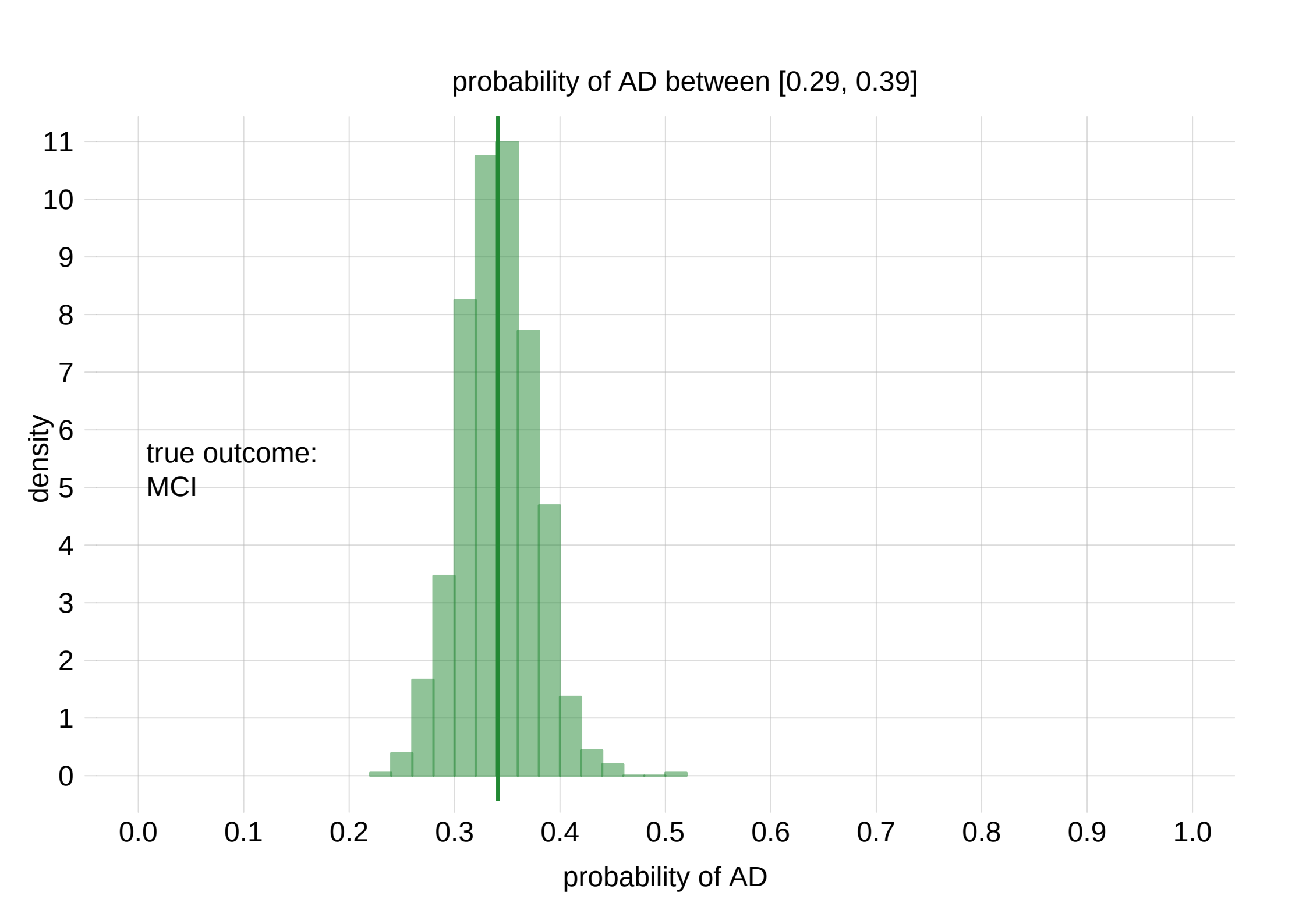

probability of AD between [0.41, 0.49]
density
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

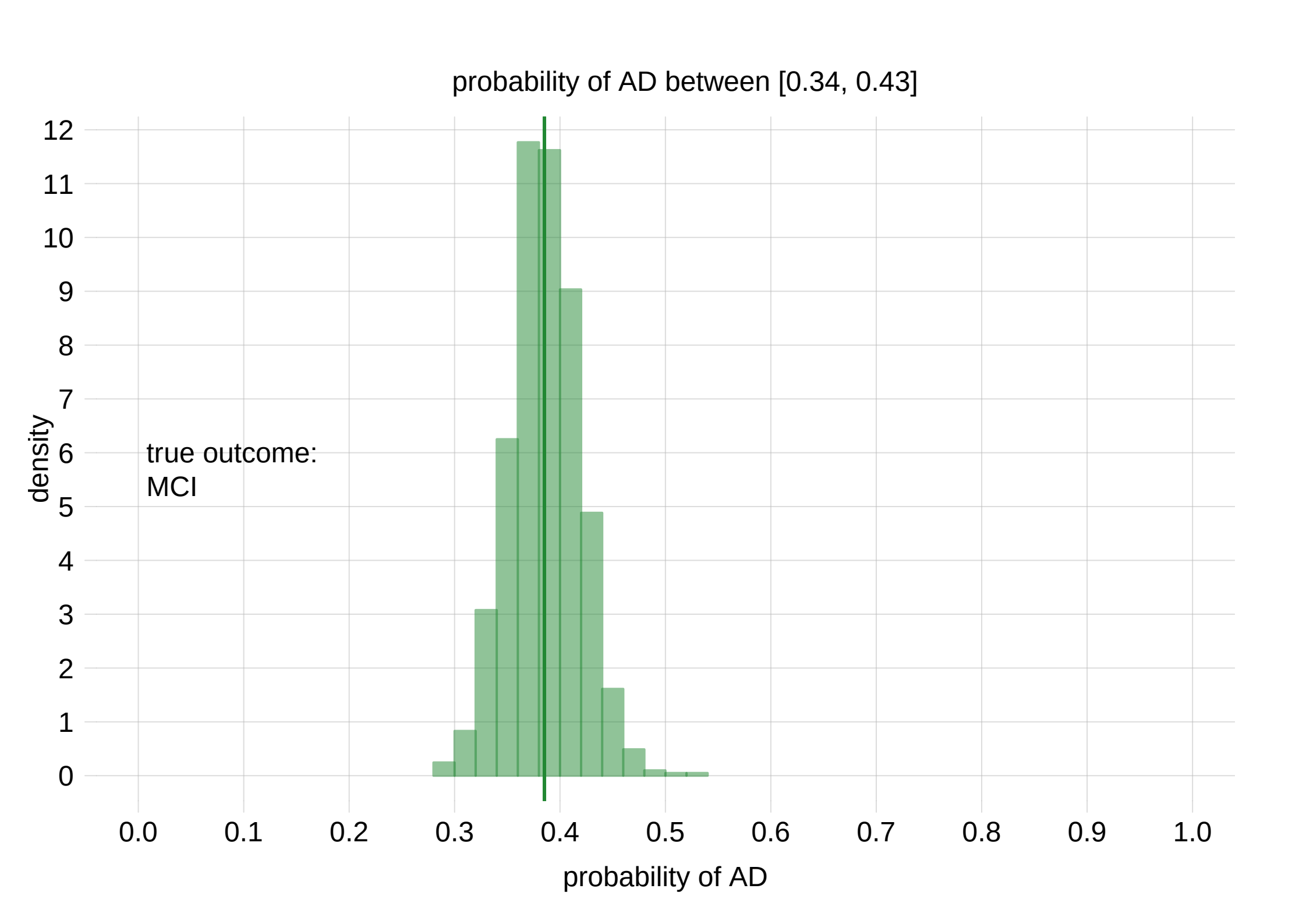

probability of AD between [0.55, 0.65]
density
0
1
2
3
4
5
6
7
8
9
10
11
12
13
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

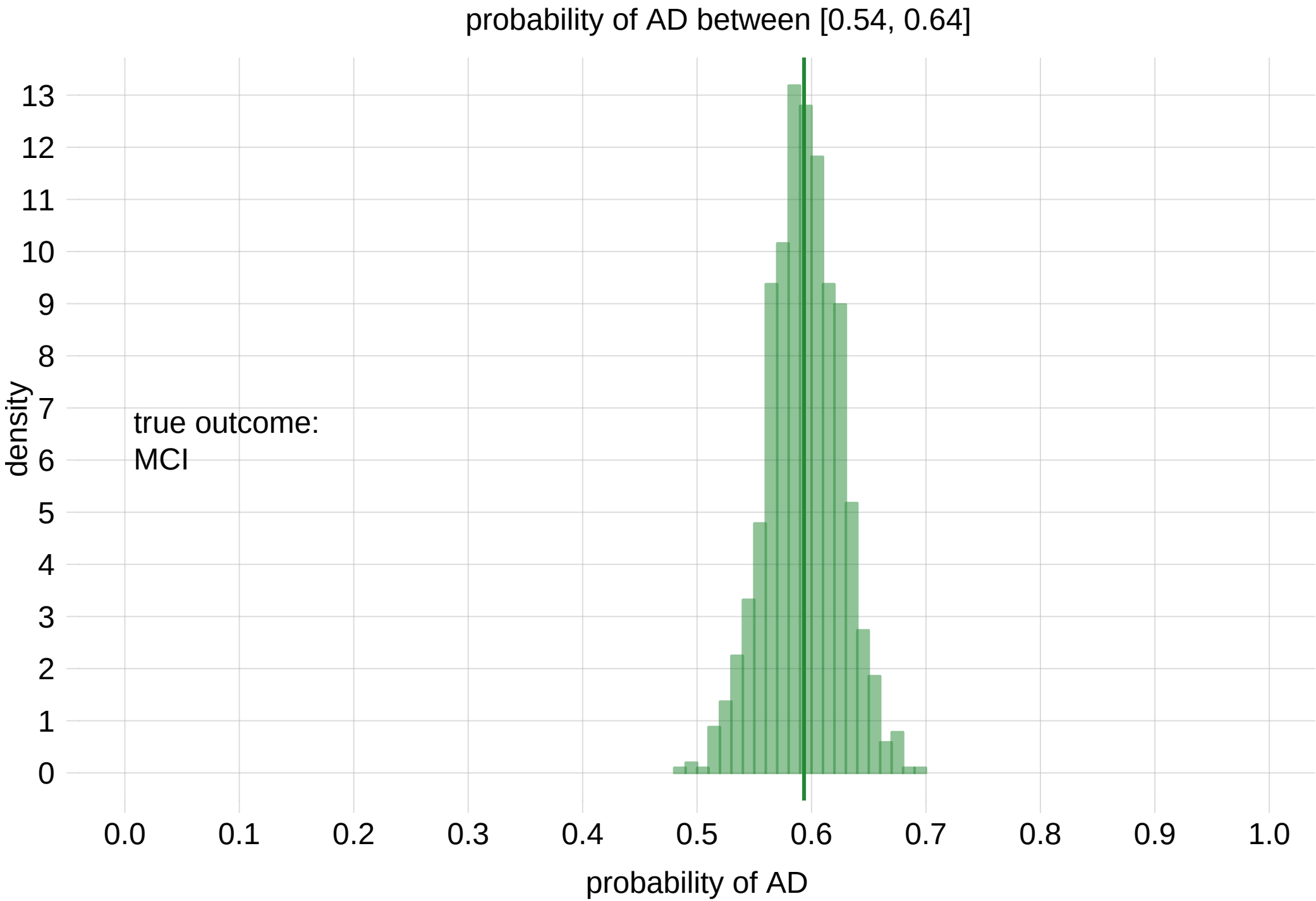

probability of AD between [0.52, 0.61]
density
16
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

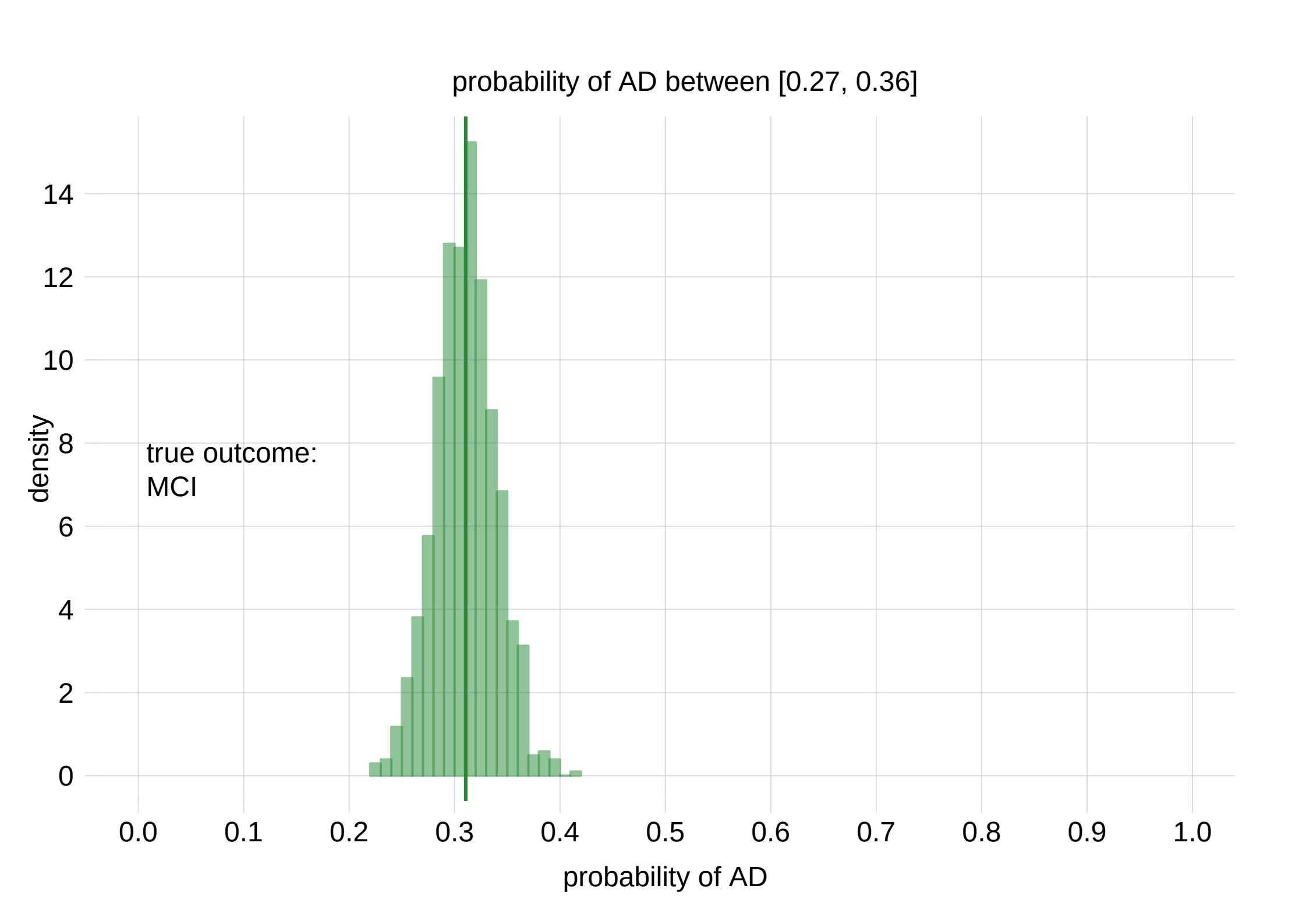

probability of AD between [0.3, 0.38]
density
true outcome:
MCI
0
2
4
6
8
10
12
14
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

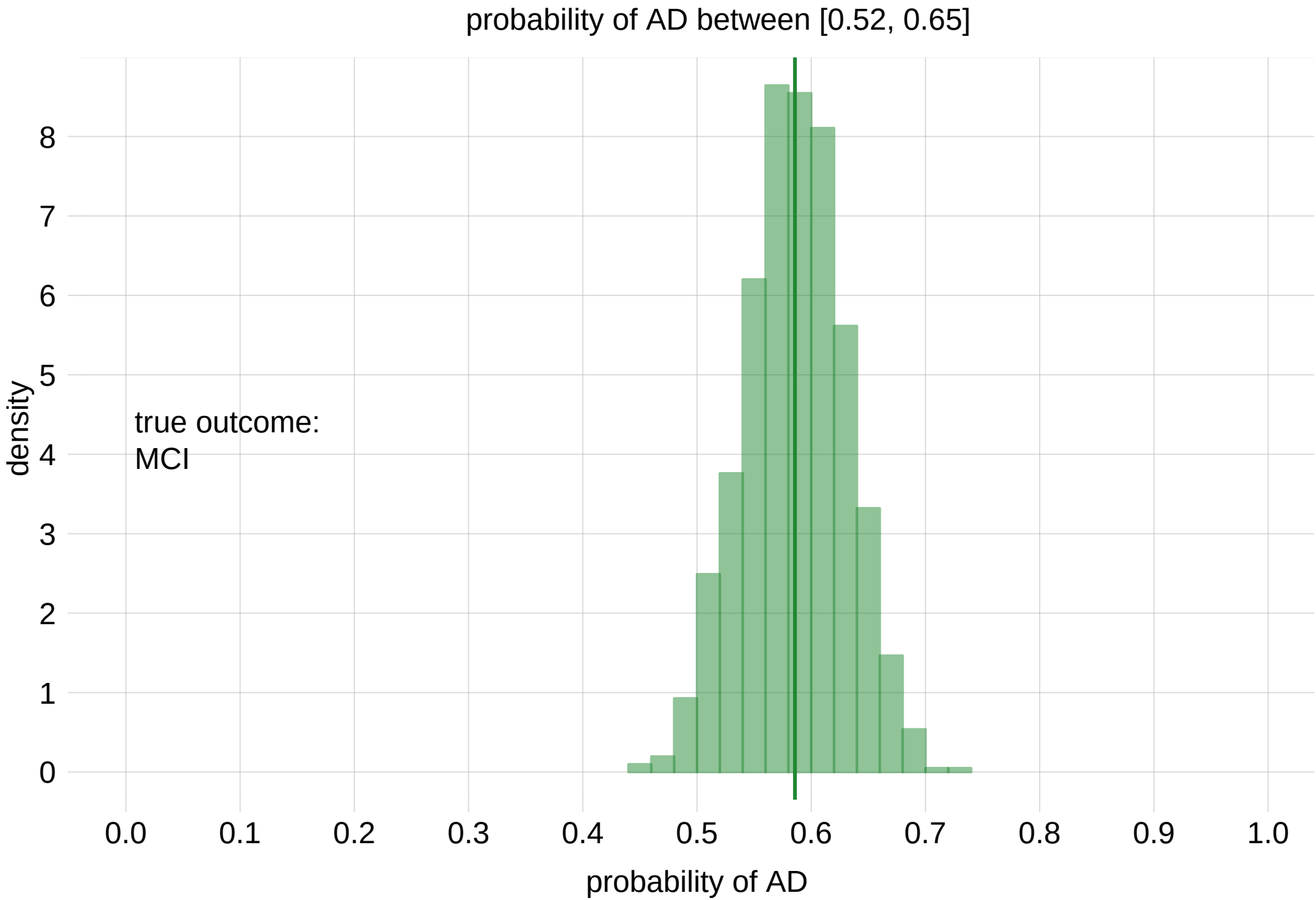

probability of AD between [0.49, 0.58]
density
true outcome:
MCI
0
2
4
6
8
10
12
14
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

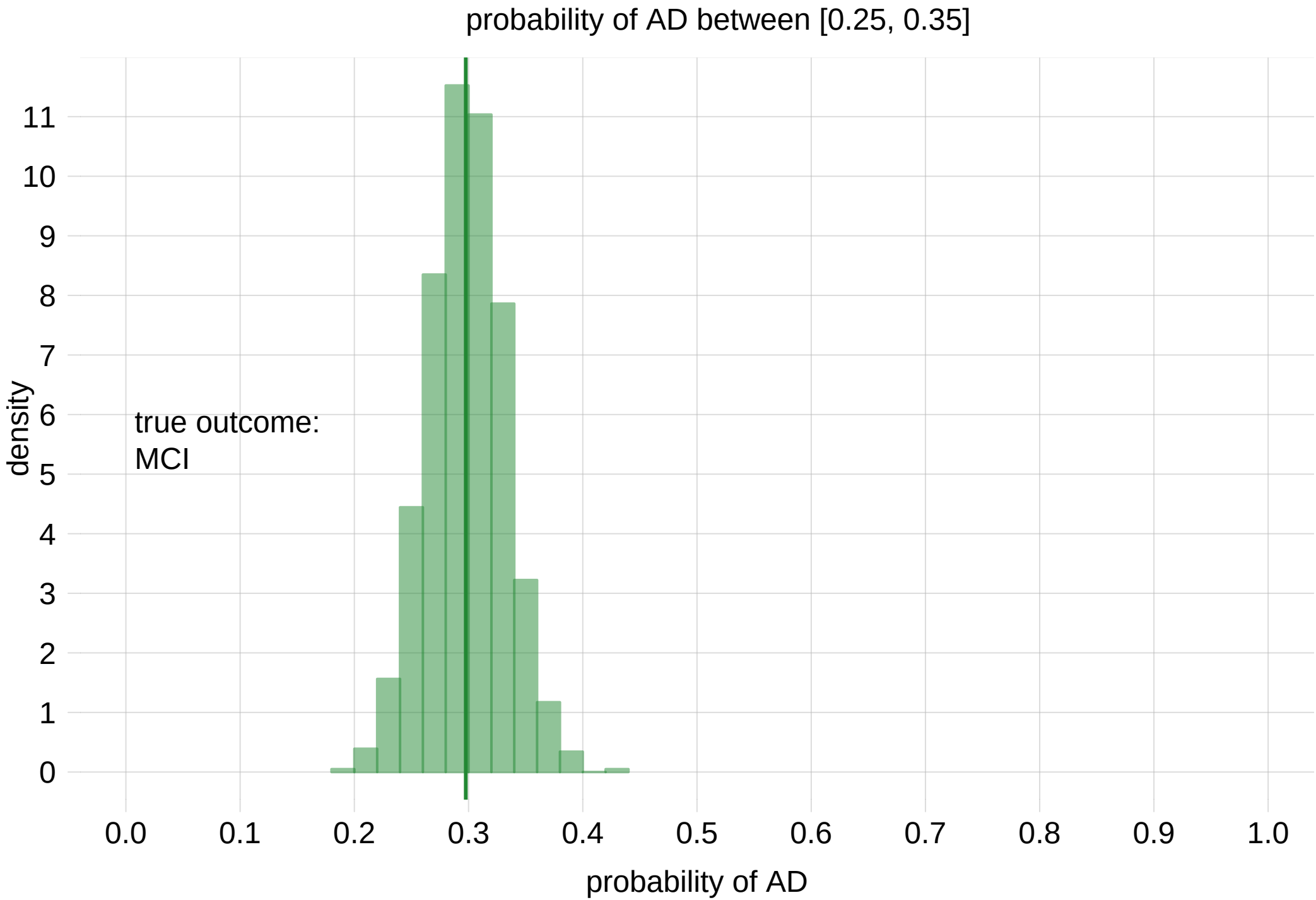

probability of AD between [0.29, 0.39]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
9
10
11
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

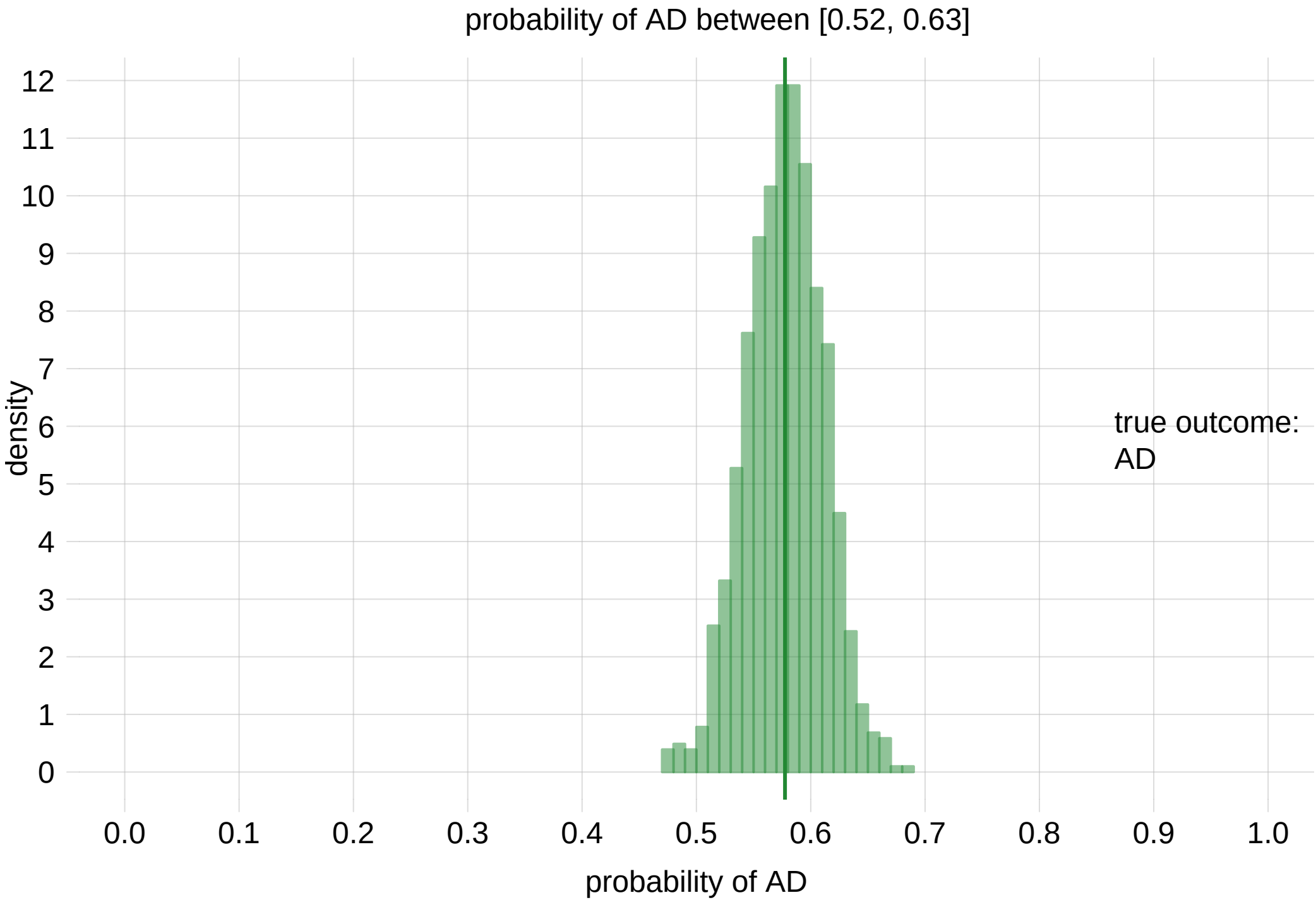

probability of AD between [0.34, 0.43]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
9
10
11
12
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

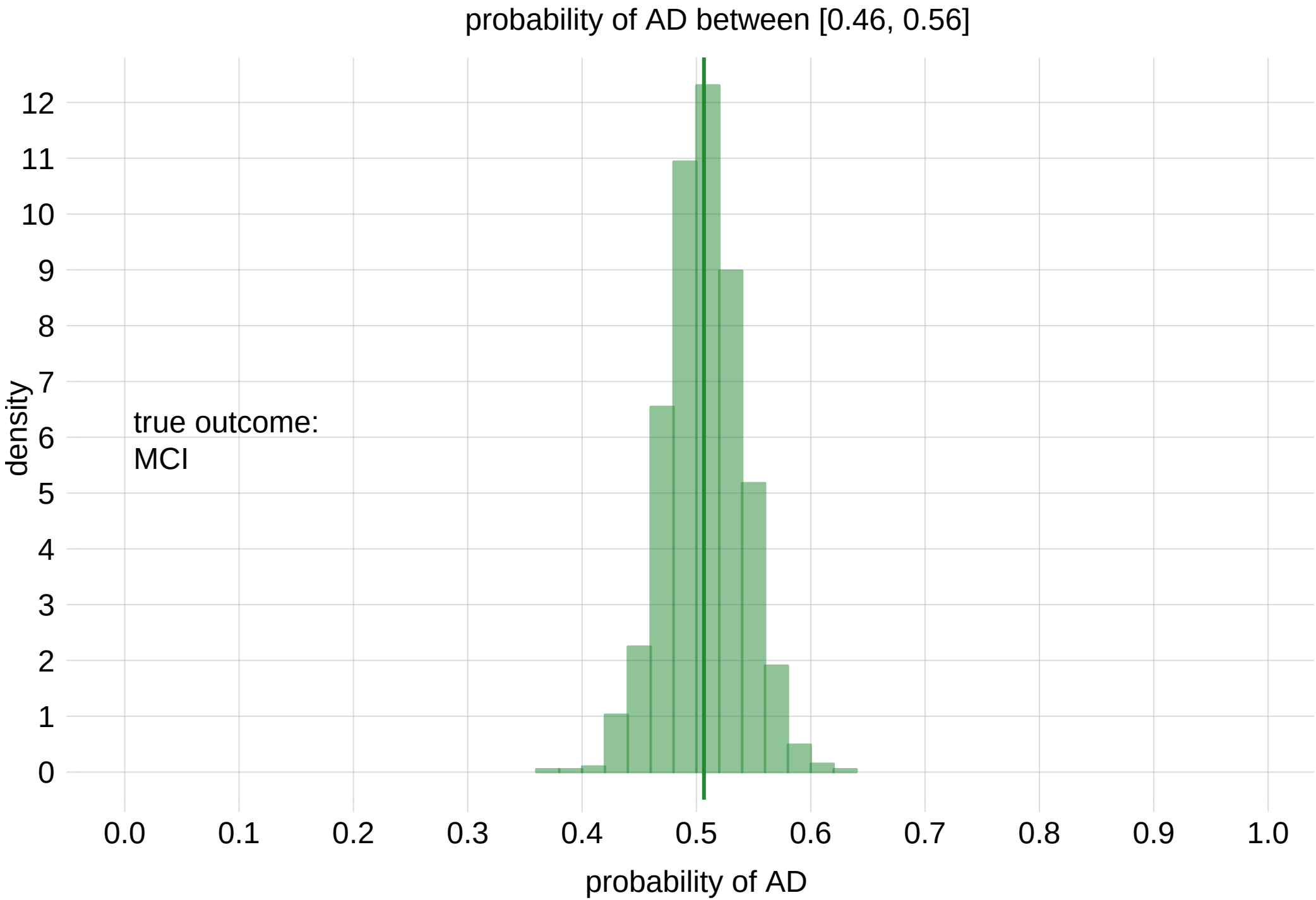

probability of AD between [0.54, 0.64]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
9
10
11
12
13
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

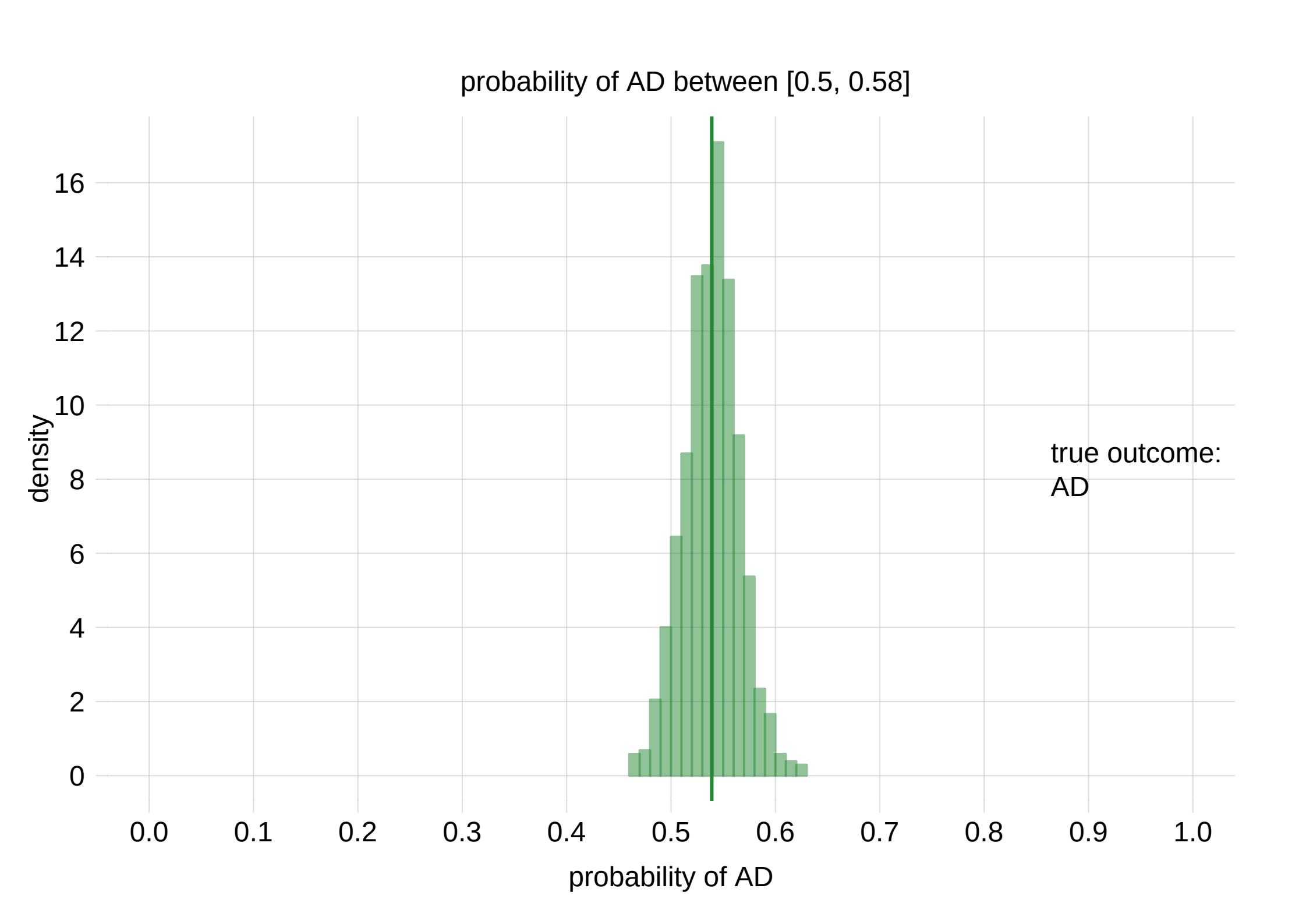

probability of AD between [0.27, 0.36]
density
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

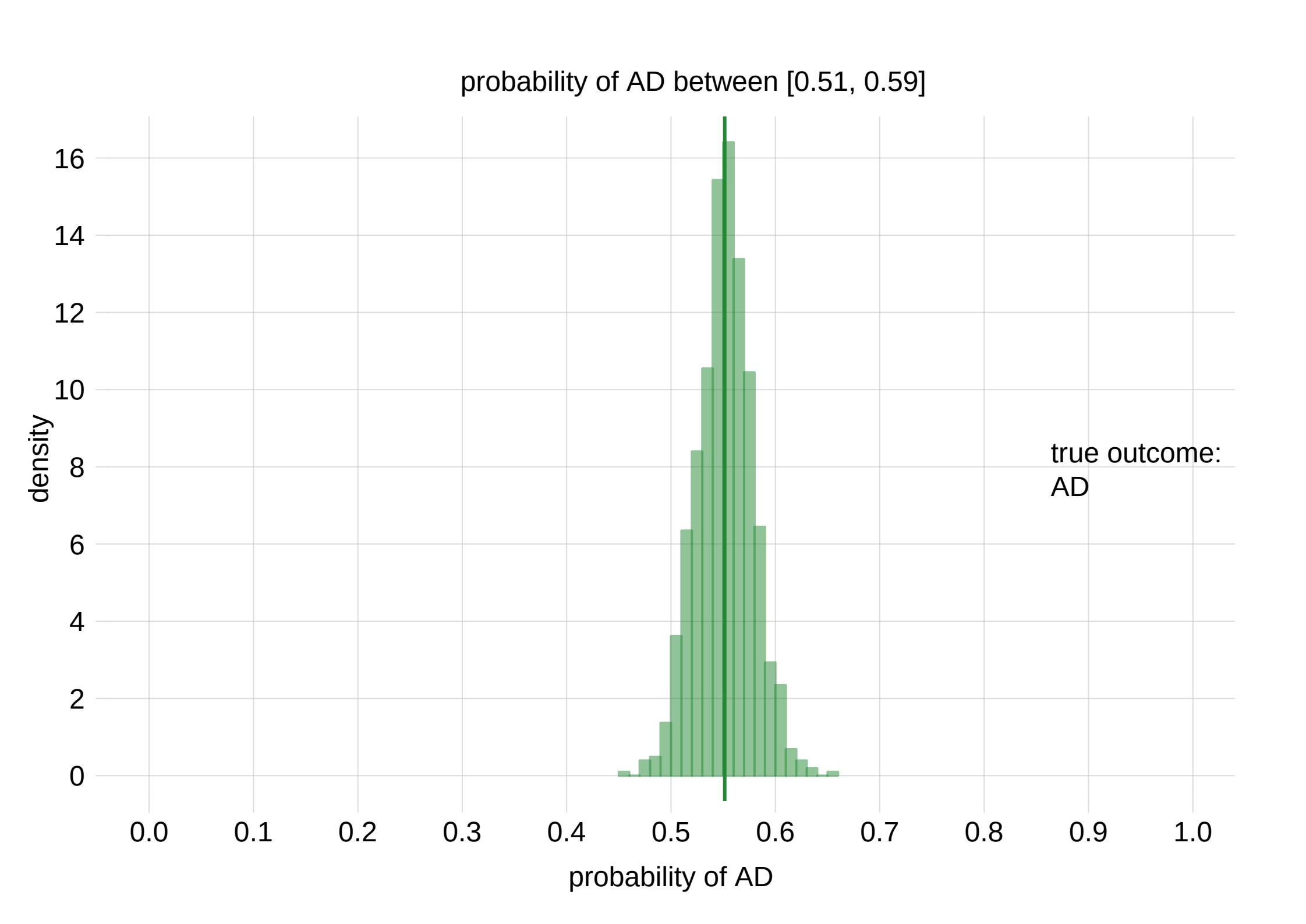

probability of AD between [0.52, 0.65]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

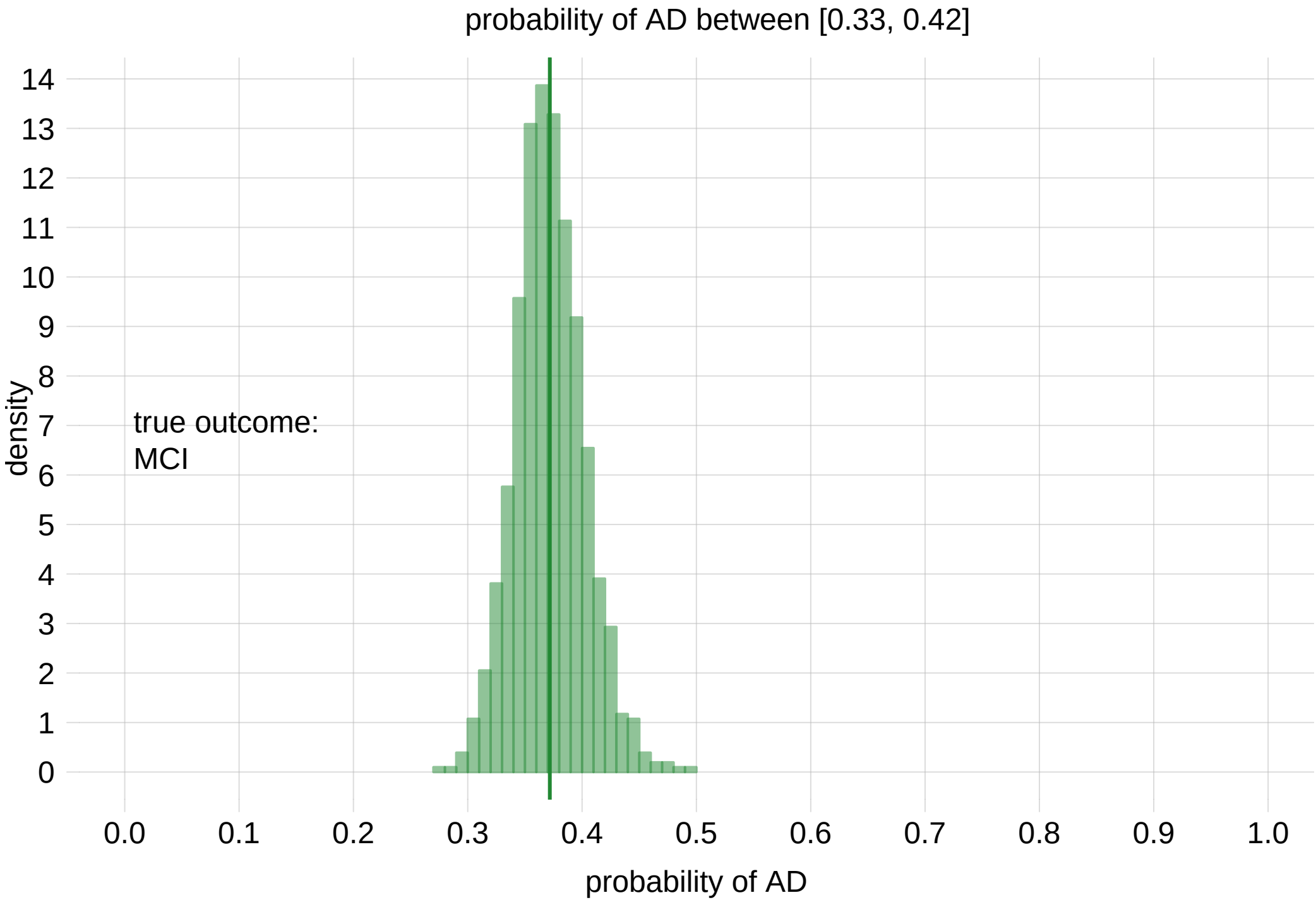

probability of AD between [0.25, 0.35]
density
0
1
2
3
4
5
6
7
8
9
10
11
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

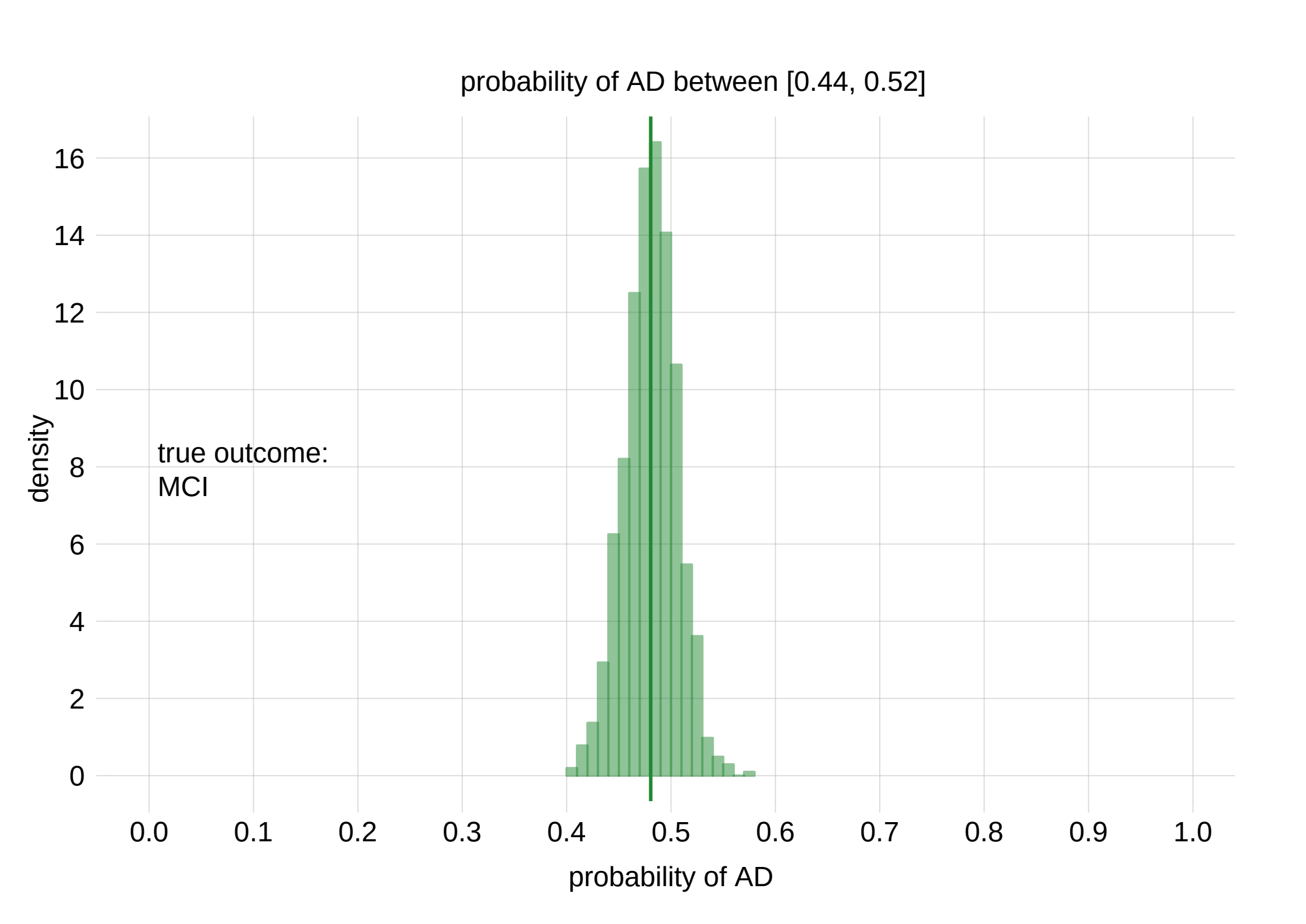

probability of AD between [0.52, 0.63]
density
0
1
2
3
4
5
6
7
8
9
10
11
12
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

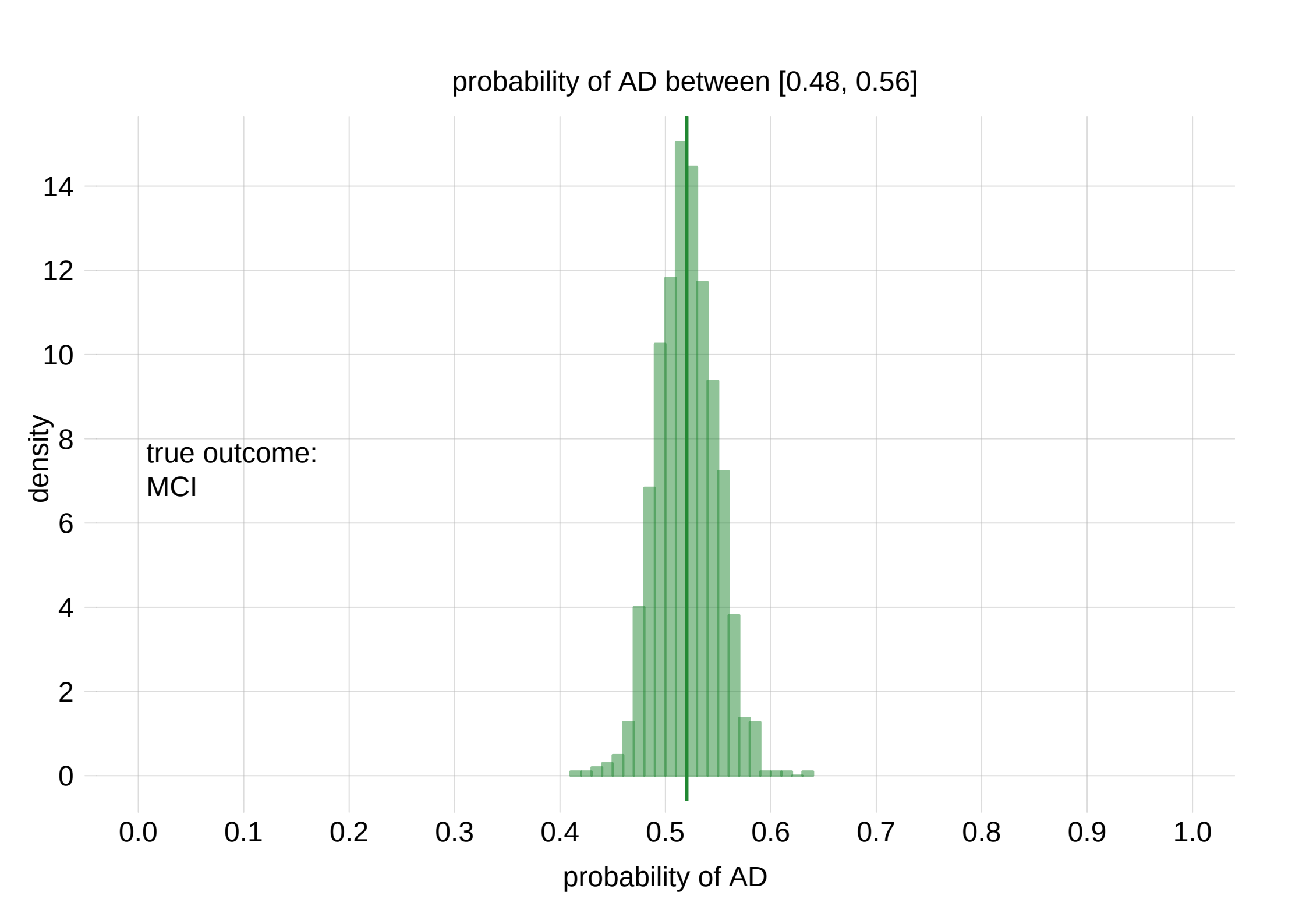

probability of AD between [0.46, 0.56]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
9
10
11
12
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

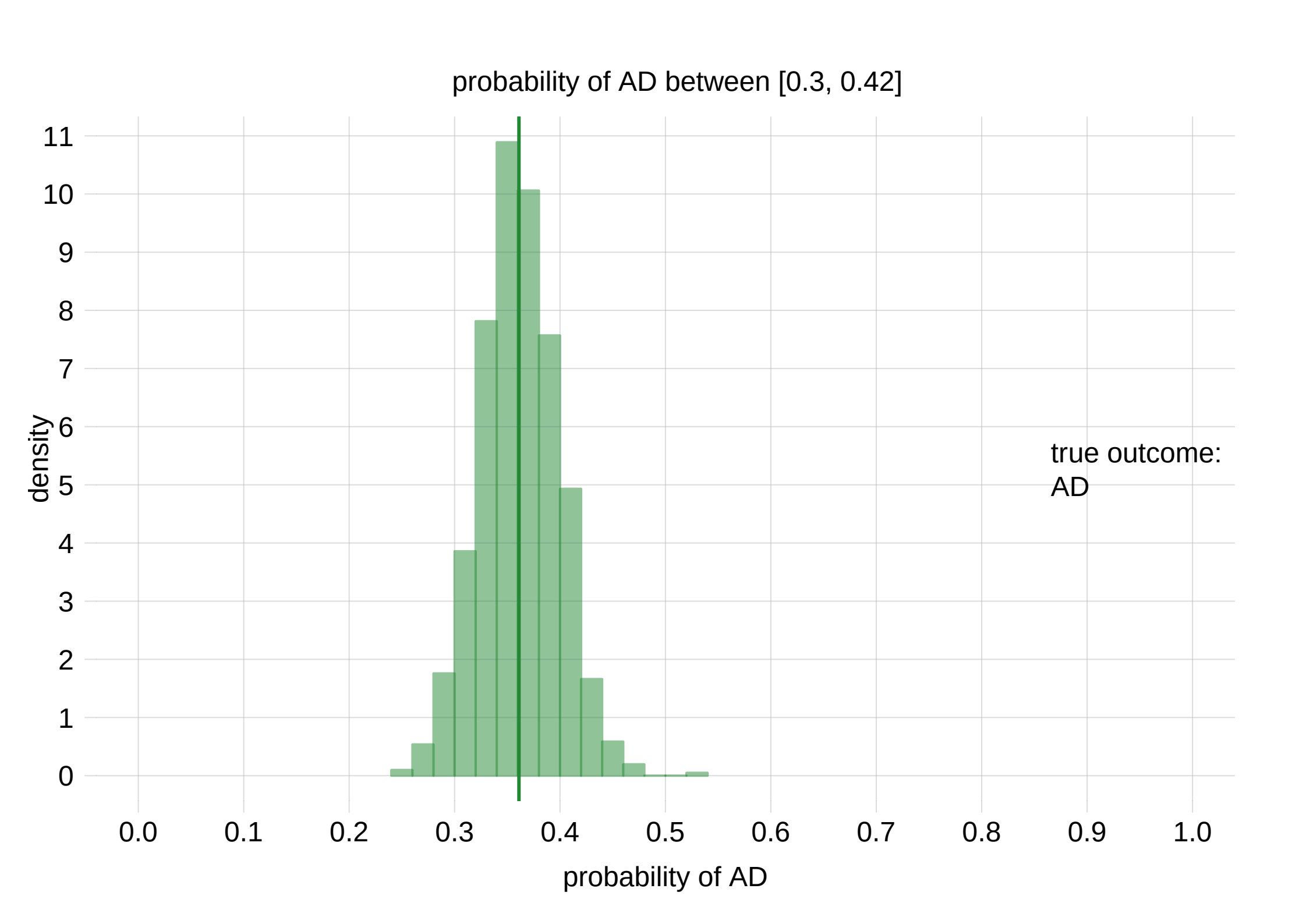

probability of AD between [0.5, 0.58]
density
16
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

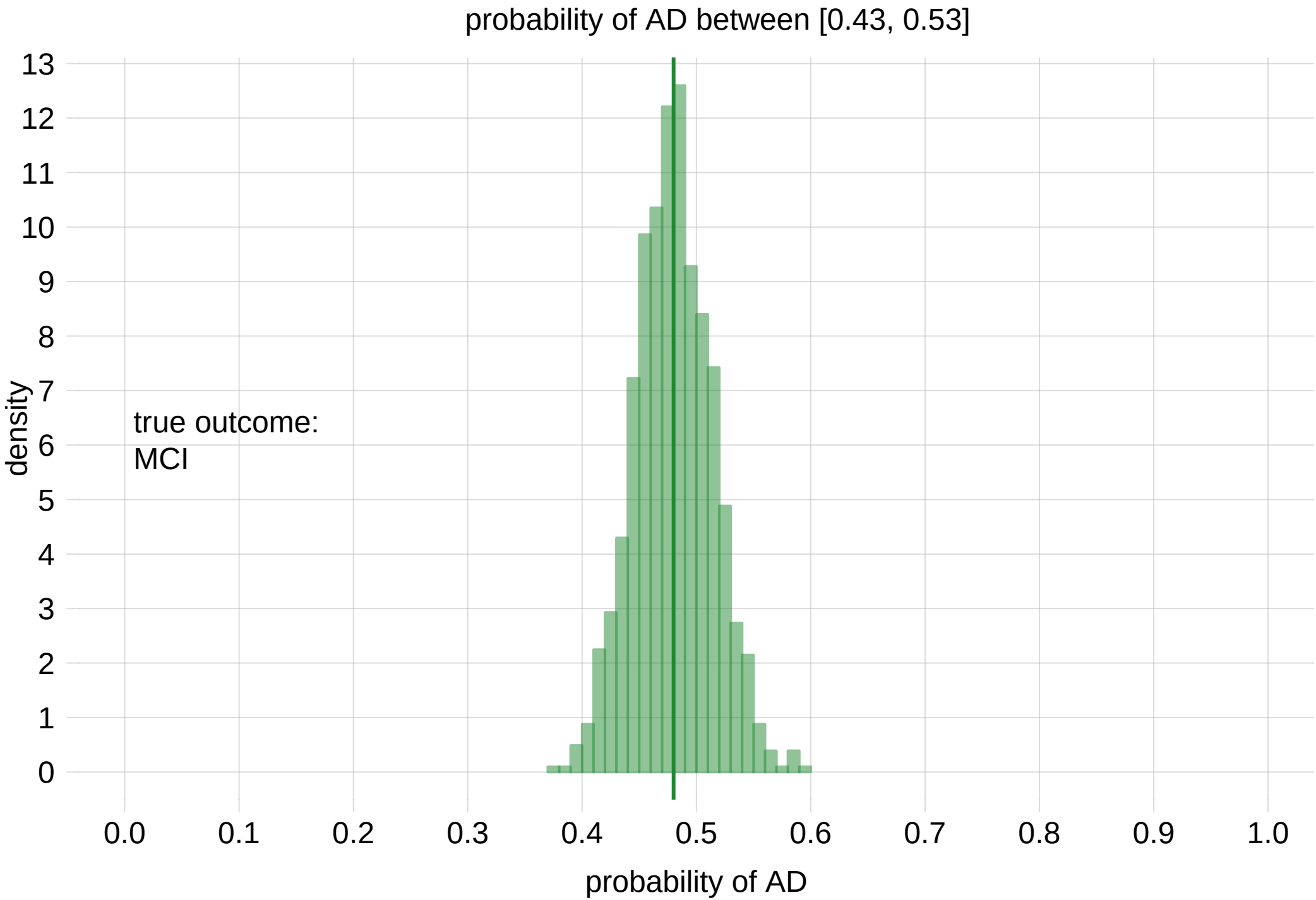

probability of AD between [0.51, 0.59]
density
16
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

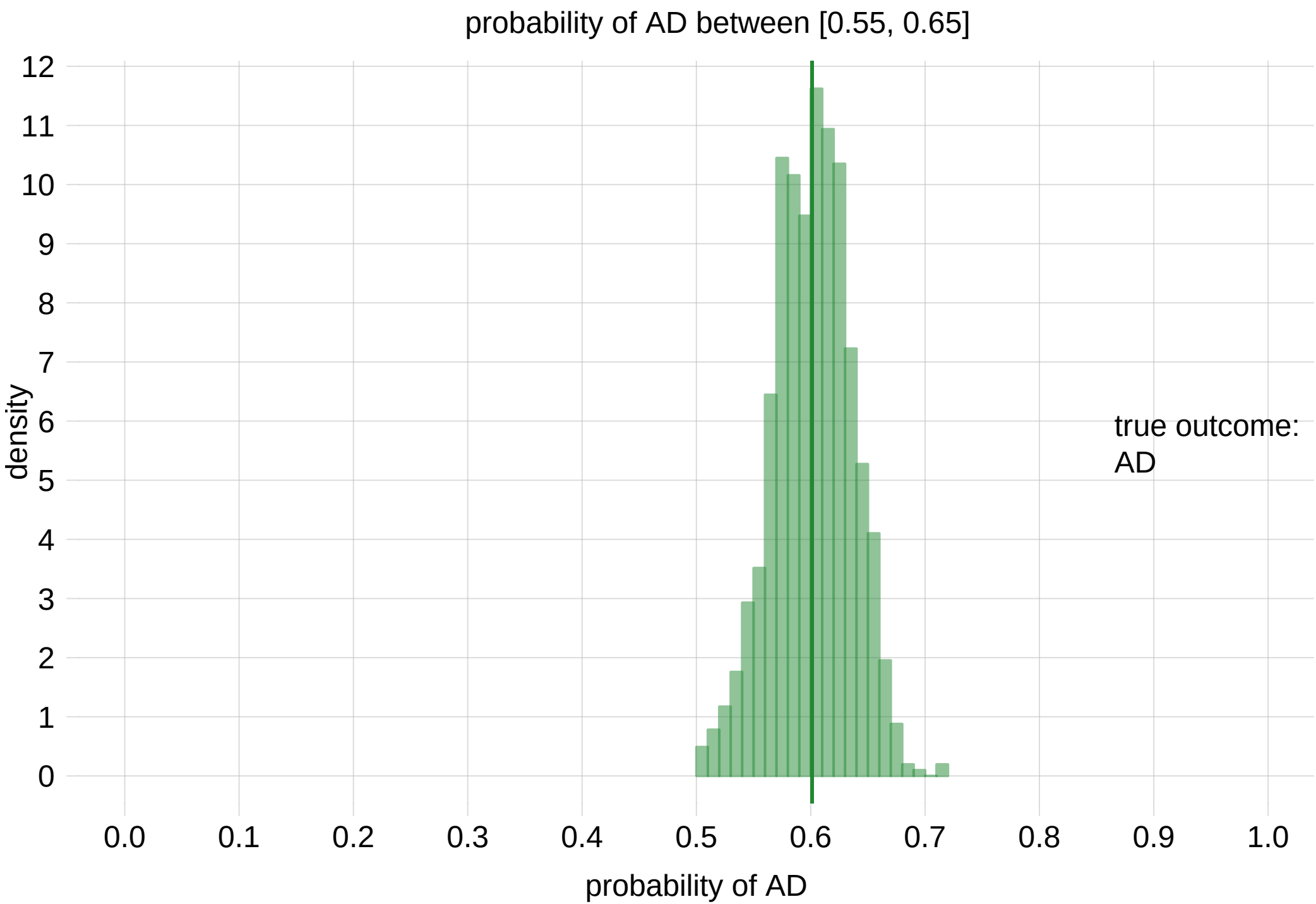

probability of AD between [0.33, 0.42]
density
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

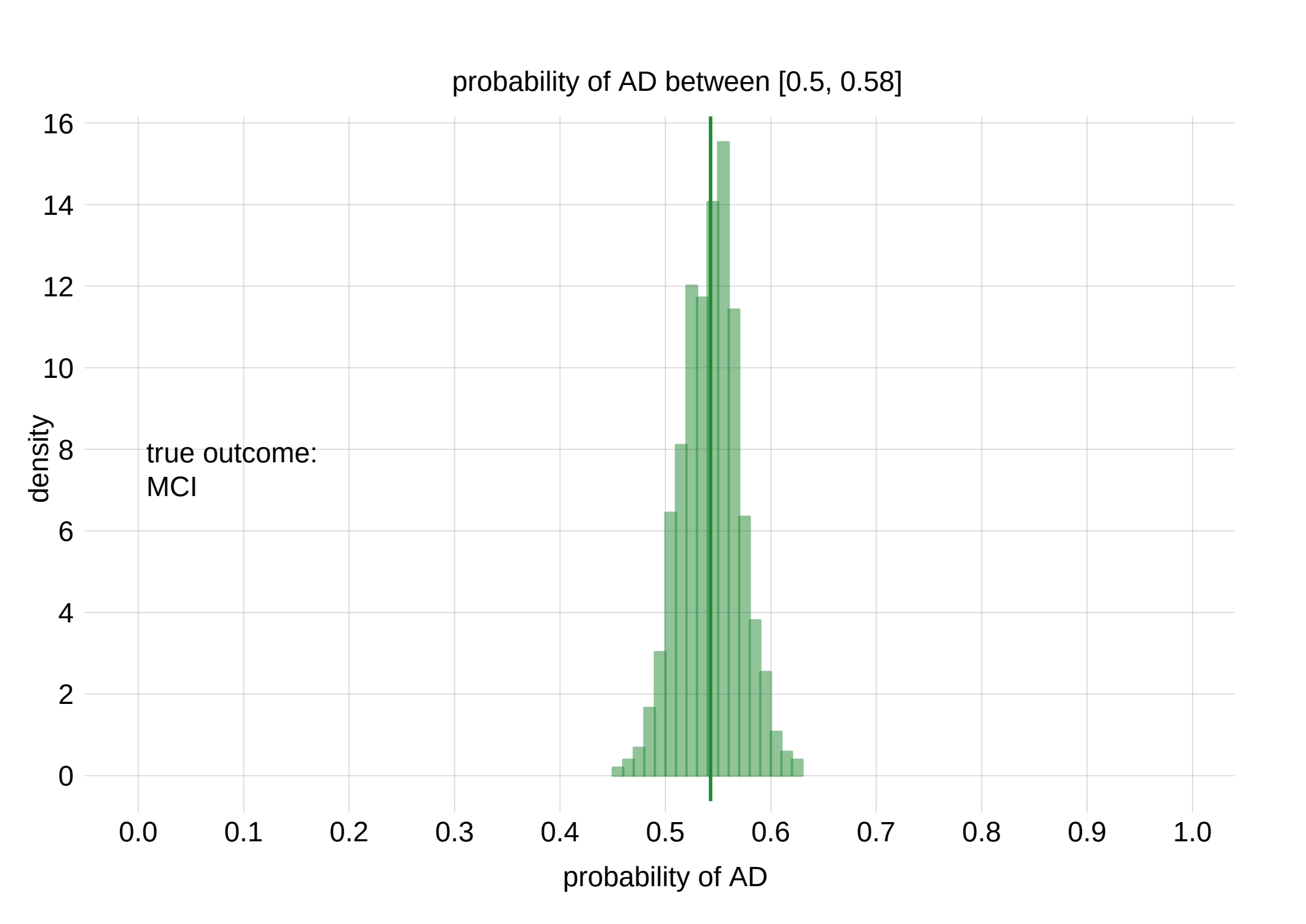

probability of AD between [0.44, 0.52]
density
16
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

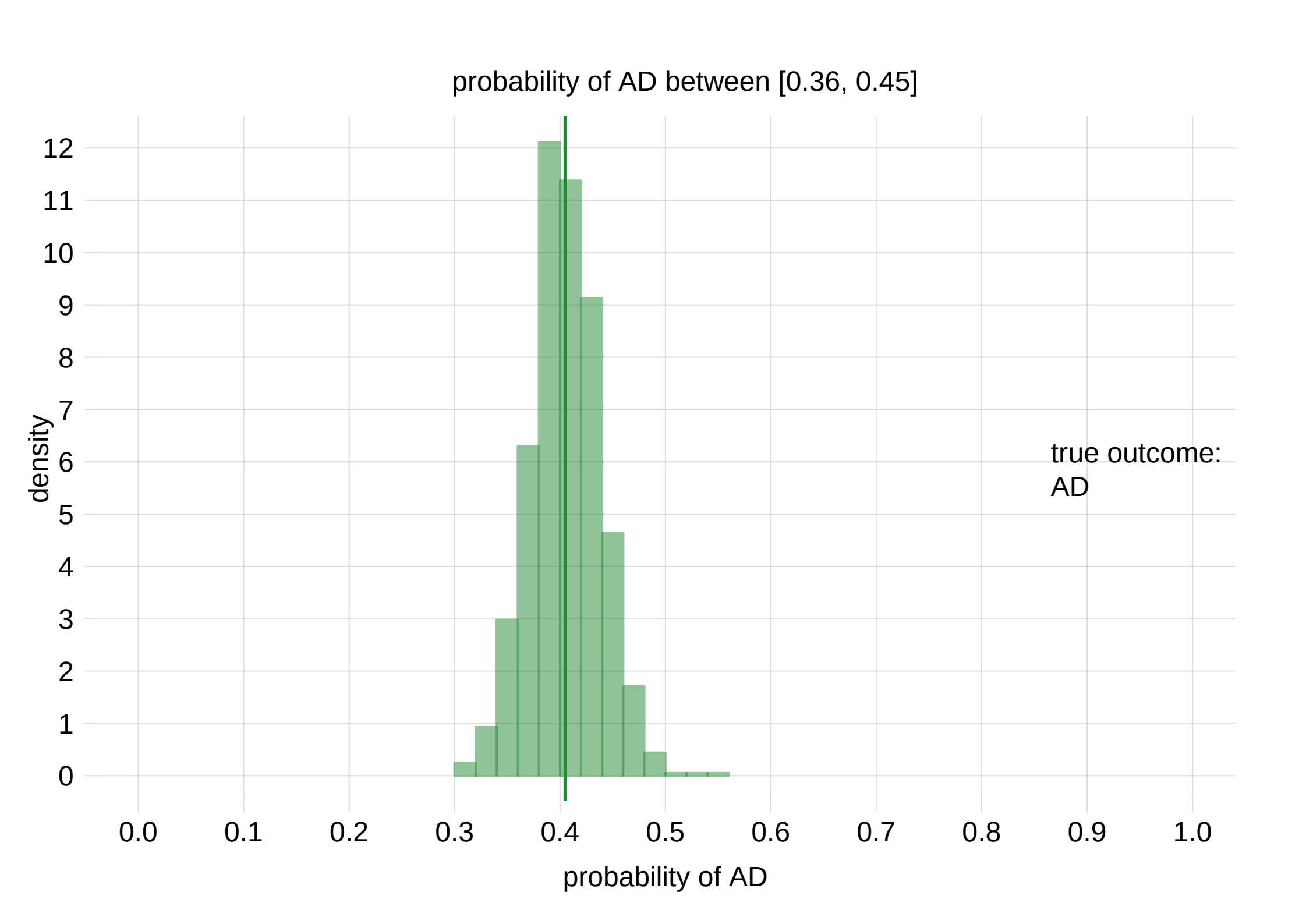

probability of AD between [0.48, 0.56]
density
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

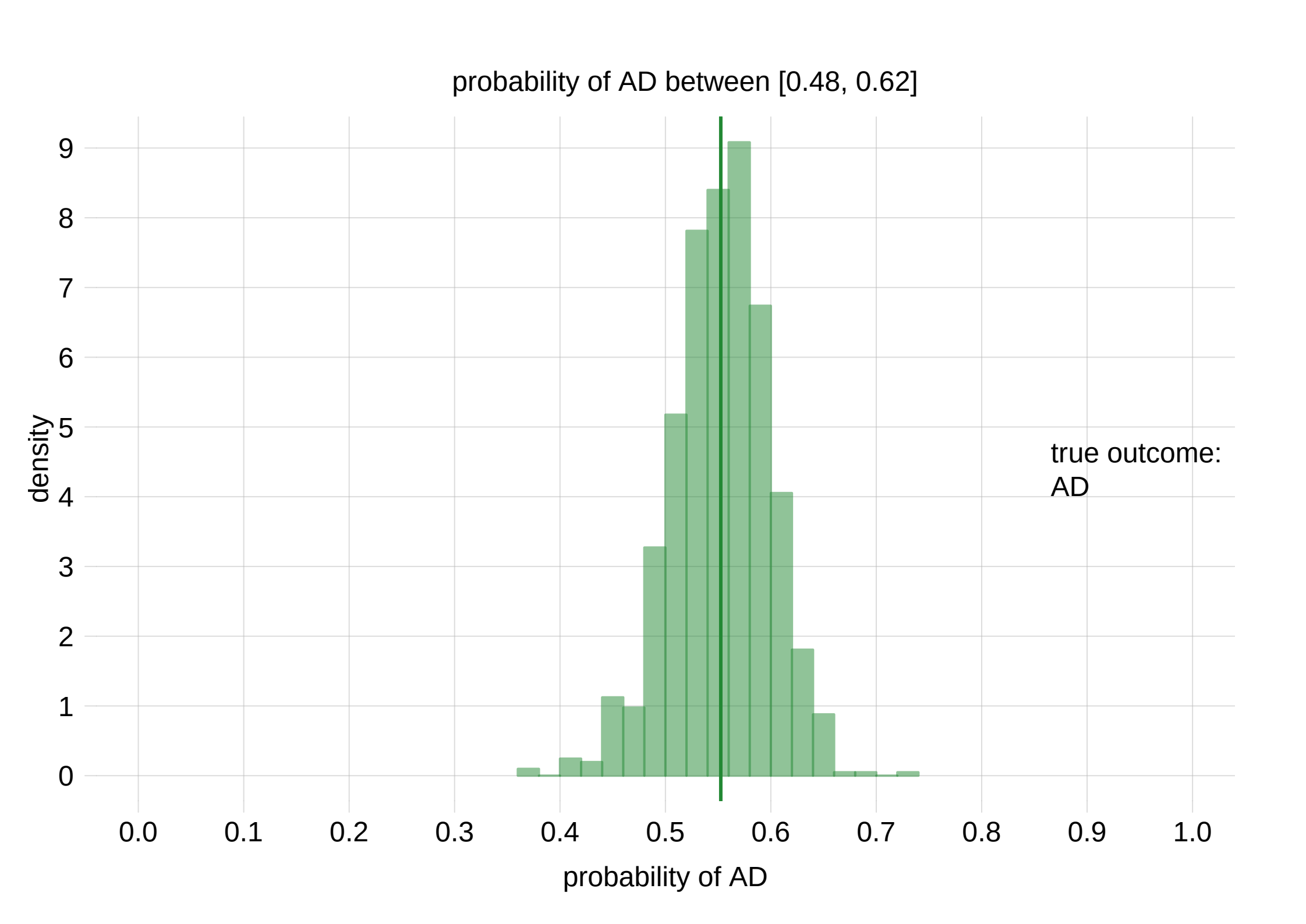

probability of AD between [0.3, 0.42]
density
probability of AD
true outcome:
AD
0
1
2
3
4
5
6
7
8
9
10
11
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0

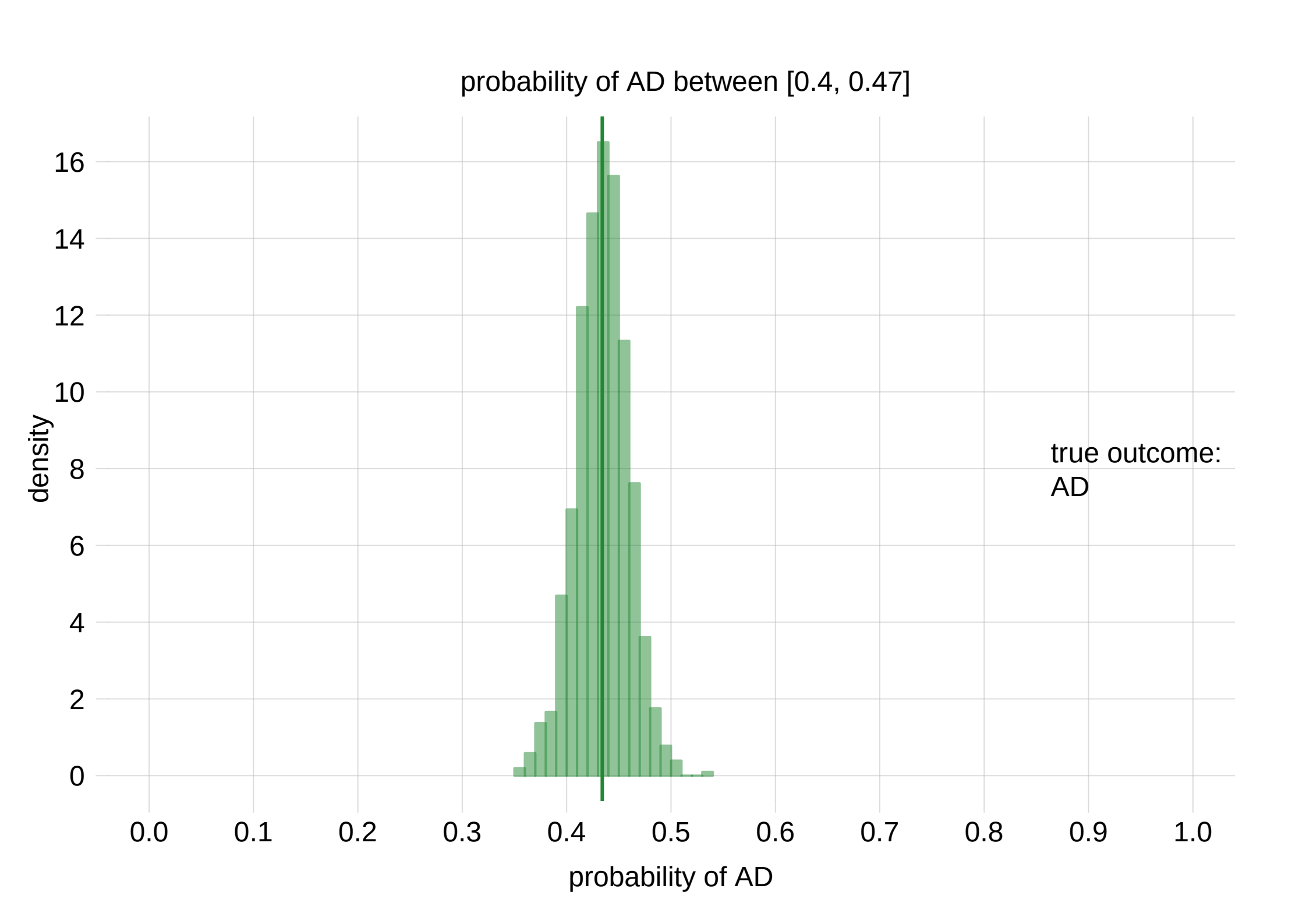

probability of AD between [0.43, 0.53]
density
true outcome:
MCI
0
1
2
3
4
5
6
7
8
9
10
11
12
13
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD

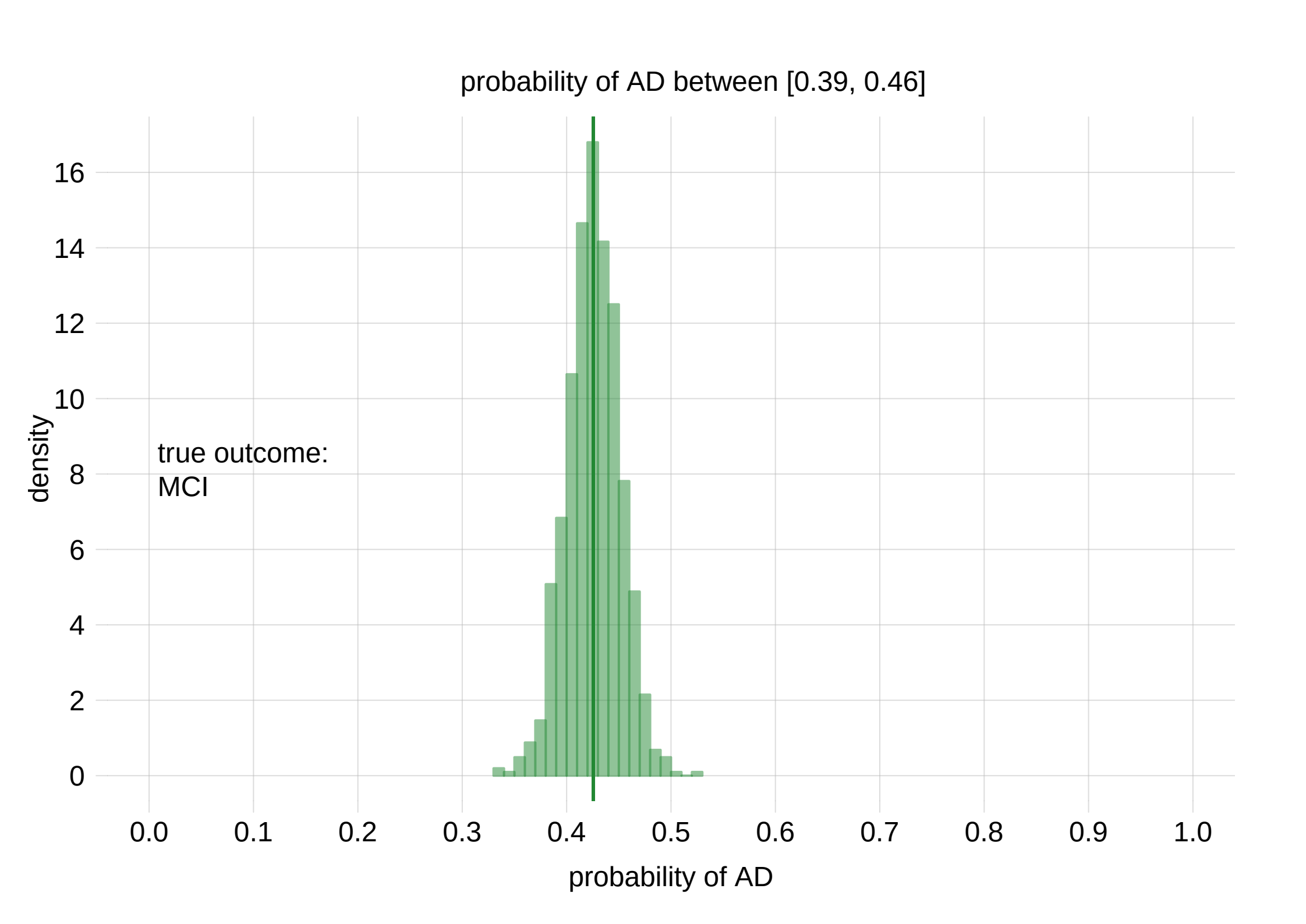

probability of AD between [0.55, 0.65]
density
0
1
2
3
4
5
6
7
8
9
10
11
12
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD

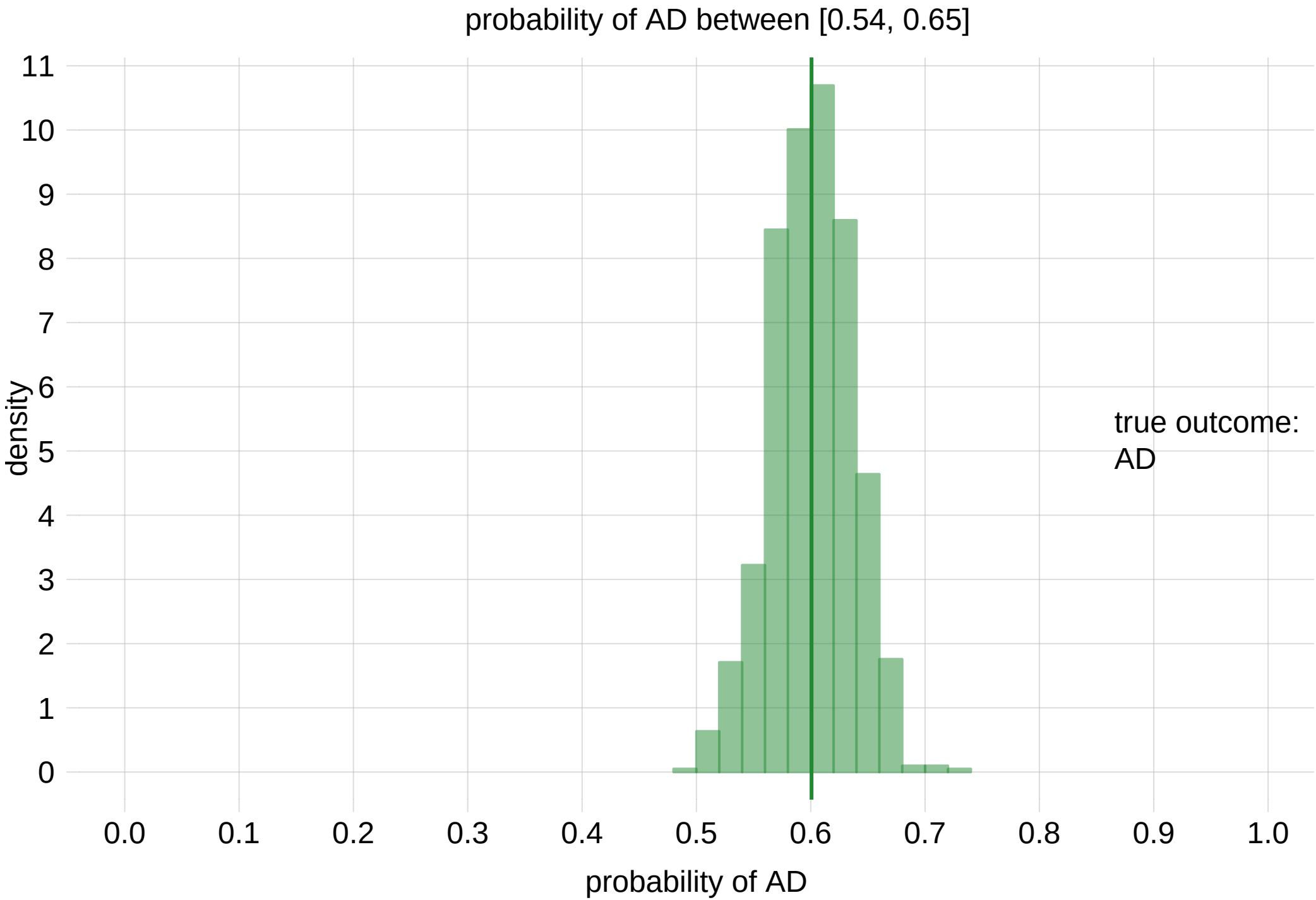

probability of AD between [0.5, 0.58]
16
14
12
10
8
6
4
2
0
density
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD


probability of AD between [0.36, 0.45]
density
probability of AD
true outcome:
AD
0
1
2
3
4
5
6
7
8
9
10
11
12
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0


probability of AD between [0.48, 0.62]
density
0
1
2
3
4
5
6
7
8
9
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD


probability of AD between [0.4, 0.47]
density
16
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD


probability of AD between [0.39, 0.46]
density
16
14
12
10
8
6
4
2
0
true outcome:
MCI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD


probability of AD between [0.54, 0.65]
density
11
10
9
8
7
6
5
4
3
2
1
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
probability of AD
true outcome:
AD