	occupation	variable	value	gender
0	ceo	observed	11.0000	fem
1	ceo	expected	28.3647	masc
2	ceo	expected	10.6353	fem
3	ceo	observed	28.0000	masc
4	chef	expected	11.5497	fem
5	chef			

expected

29.4503

masc

6

chef

observed

18.0000

fem

7

chef

observed

23.0000

masc

8

clerk

expected

22.6785

fem

9

clerk

expected

16.3215

masc

10

clerk

observed

35.0000

fem

11

clerk

observed

4.0000

masc

12

doctor

expected

26.2680

fem

13

doctor

observed

18.0000

masc

14

doctor

expected

17.7320

masc

15

doctor

observed

26.0000

fem

16

engineer

observed

37.0000

masc

17

engineer

expected

5.6475

fem

18

engineer

expected

39.3525

masc

19

engineer

observed

8.0000

fem

20

estate agent

expected

12.0000

fem

21

estate agent

observed

6.0000

masc

22

estate agent

expected

13.0000

masc

23

estate agent

observed

19.0000

fem

24

firefighter

observed

0.0000

fem

25

firefighter

expected

5.5760

fem

26

firefighter

expected

34.4240

masc

27

firefighter

observed

40.0000

masc

28

librarian

observed

46.0000

fem

29

librarian

expected

15.9068

masc

30

librarian

observed

0.0000

masc

31

librarian

expected

30.0932

fem

32

manager

expected

29.8685

masc

33

manager

observed

37.0000

fem

34

manager

expected

17.1315

fem

35

manager

observed

10.0000

masc

36

mechanic

expected

46.8288

masc

37

mechanic

observed

48.0000

masc

38

mechanic

observed

0.0000

fem

39

mechanic

expected

1.1712

fem

40

nurse

expected

27.1963

fem

41

nurse

expected

3.8037

masc

42

nurse

observed

29.0000

fem

43

nurse

observed

2.0000

masc

44

professor

expected

27.3077

masc

45

professor

observed

15.0000

masc

46

professor

expected

21.6923

fem

47

professor

observed

34.0000

fem

48

secretary

expected

3.4398

masc

49

secretary

observed

35.0000

fem

50

secretary

observed

4.0000

masc

51

secretary

expected

35.5602

fem

52

therapist

observed

38.0000

fem

53

therapist

observed

4.0000

masc

54

therapist

expected

7.3836

masc

55

therapist

expected

34.6164

fem