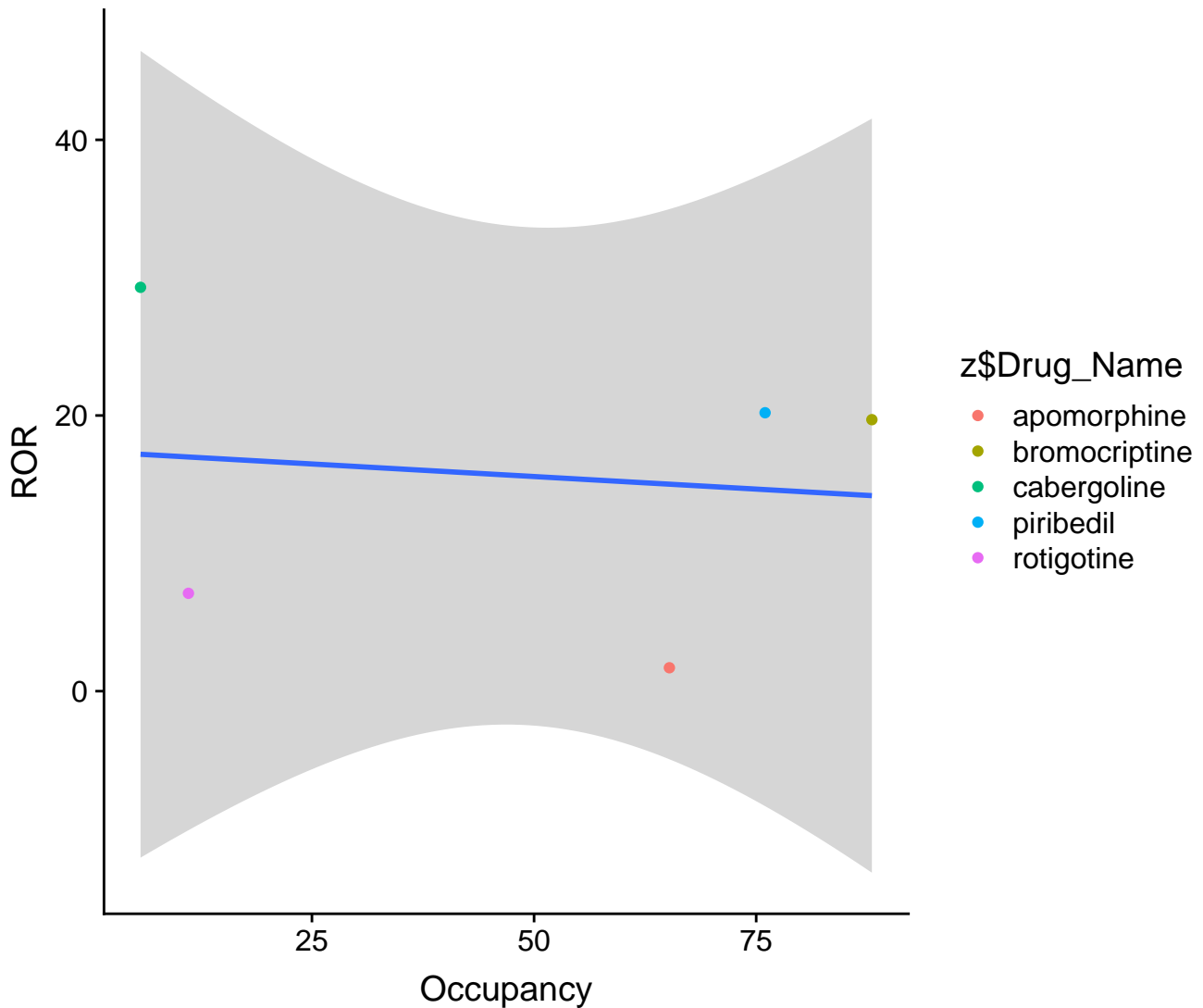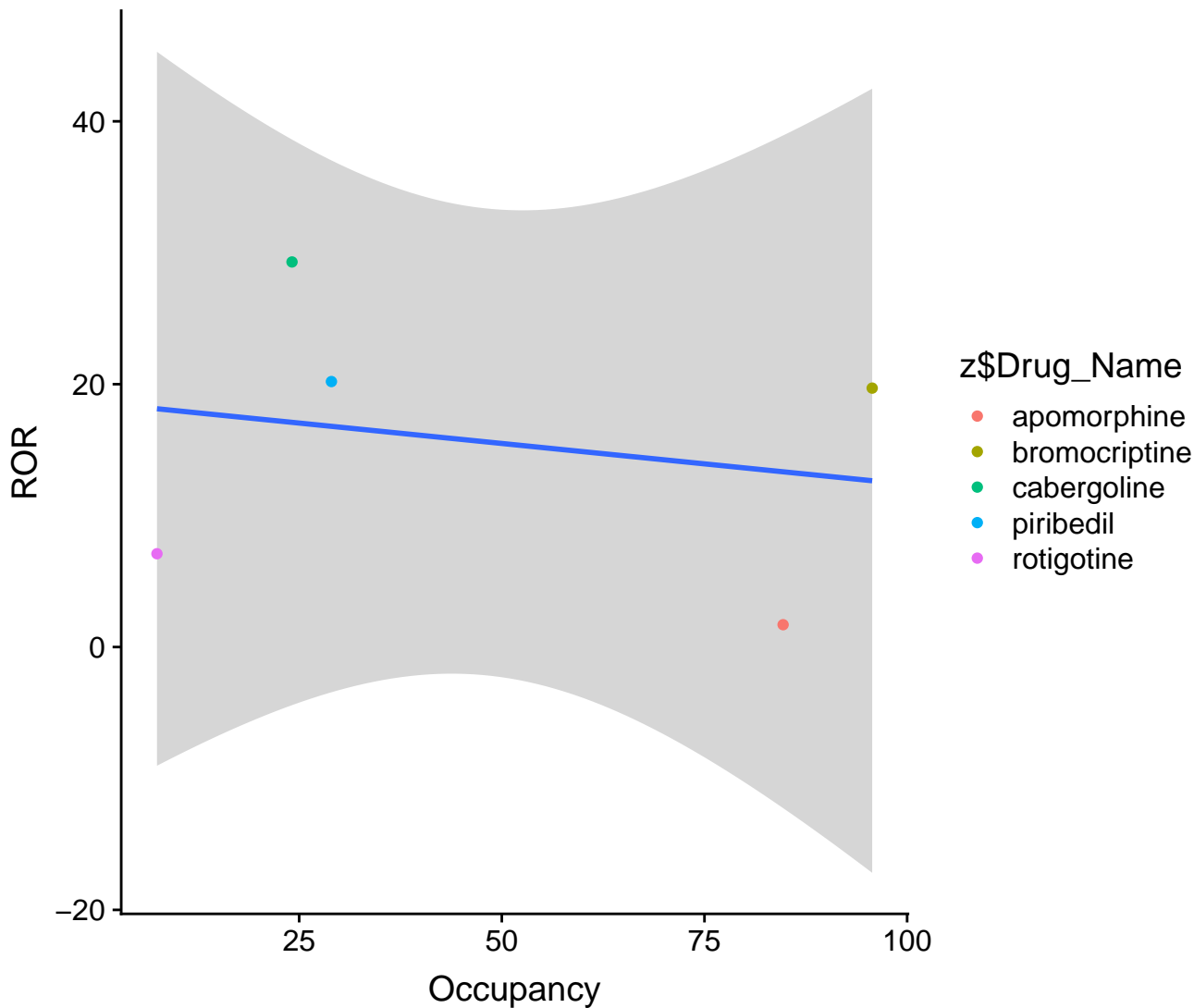# gambling ~ ADRA1a [ Antagonist ]



Intercept: 17.39    Slope: −0.04    SE: 0.17    p−value: 0.840579    Pearson: −0.13

**gambling  ~  ADRA1b [ Antagonist ]**

Intercept: 18.59    Slope: −0.06    SE: 0.16    p−value: 0.721544    Pearson: −0.22
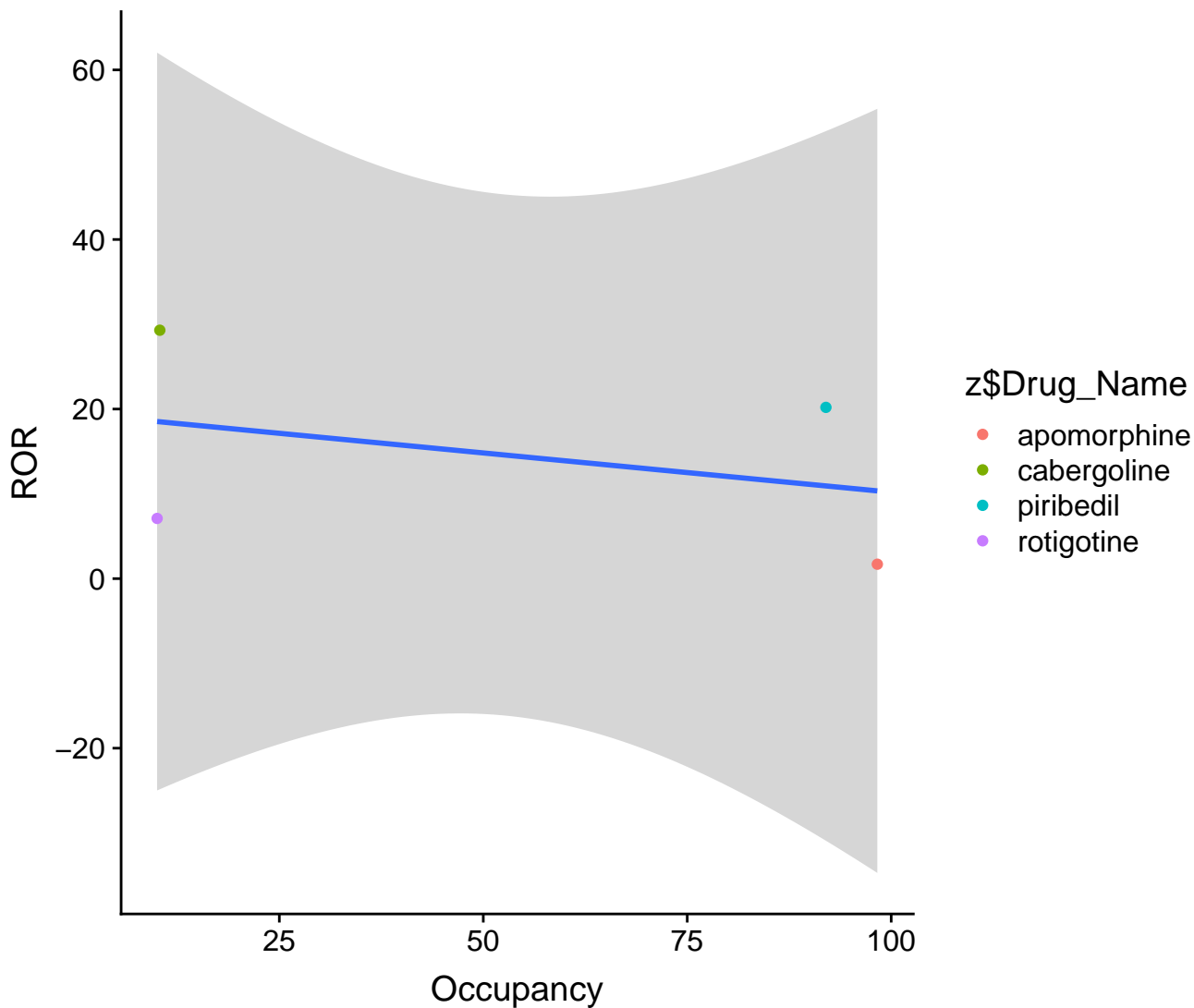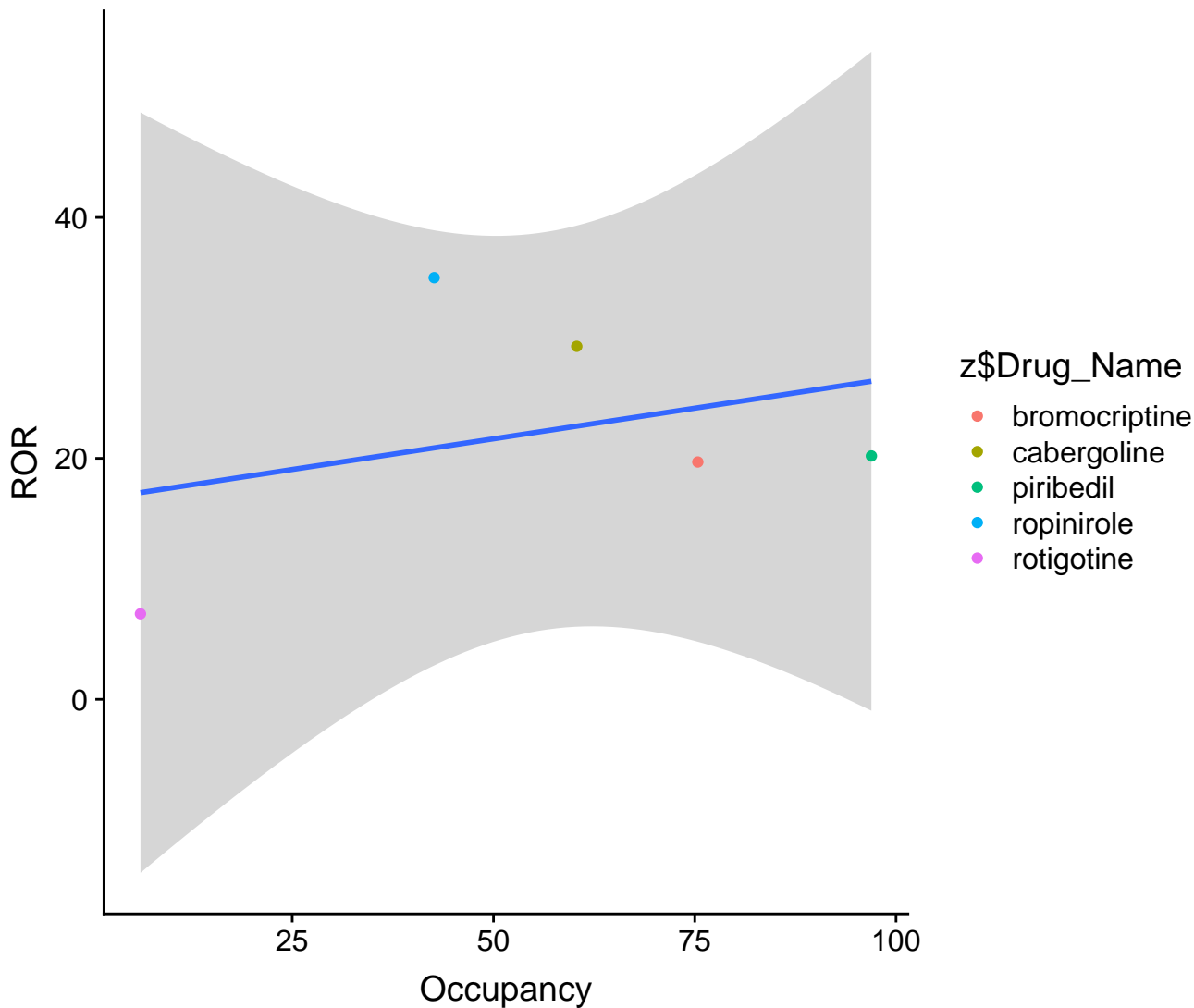
# gambling ~ ADRA1d [ Antagonist ]



Intercept: 19.45    Slope: −0.09    SE: 0.17    p−value: 0.636476    Pearson: −0.36

**gambling ~ ADRA2a [ Antagonist ]**

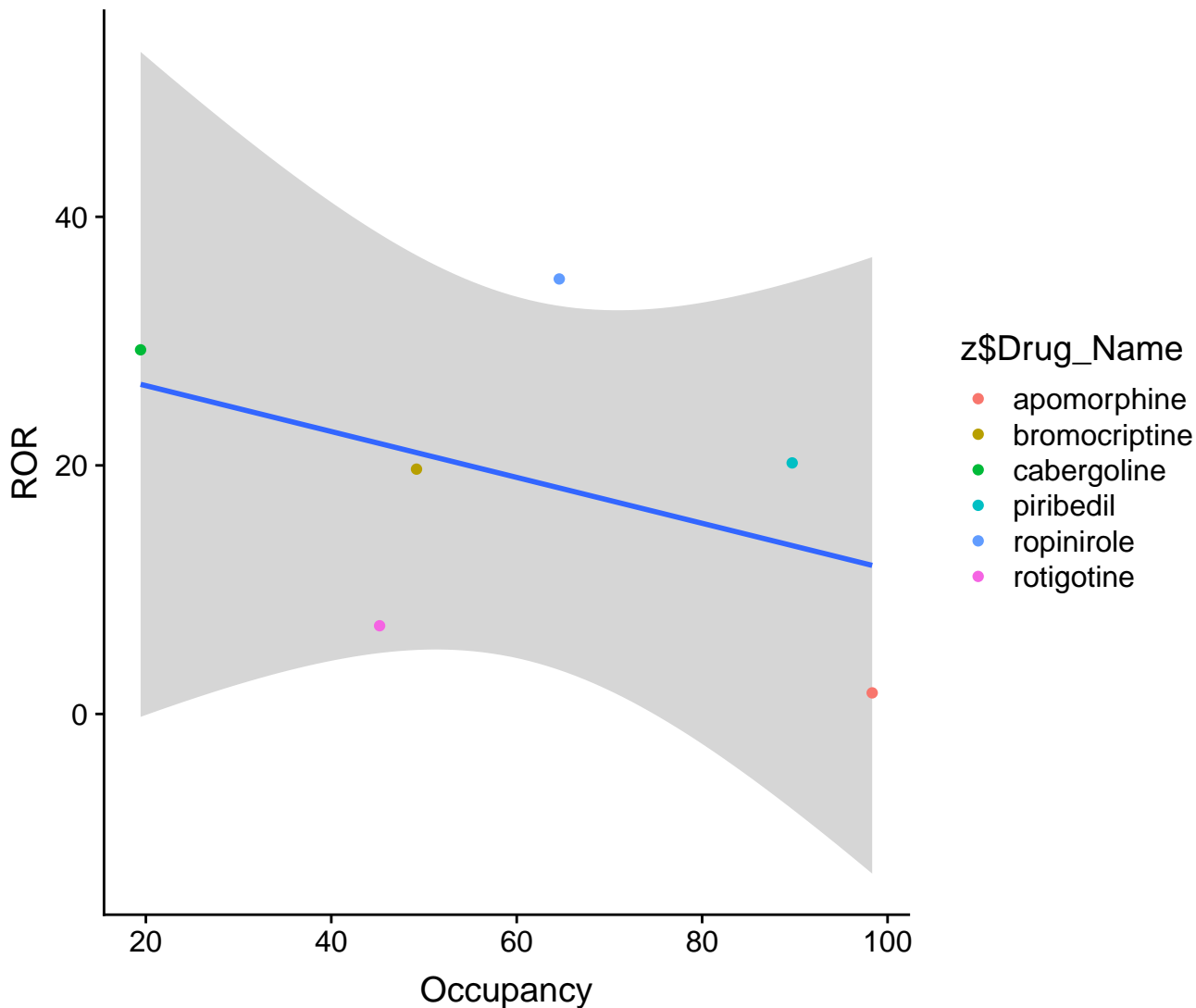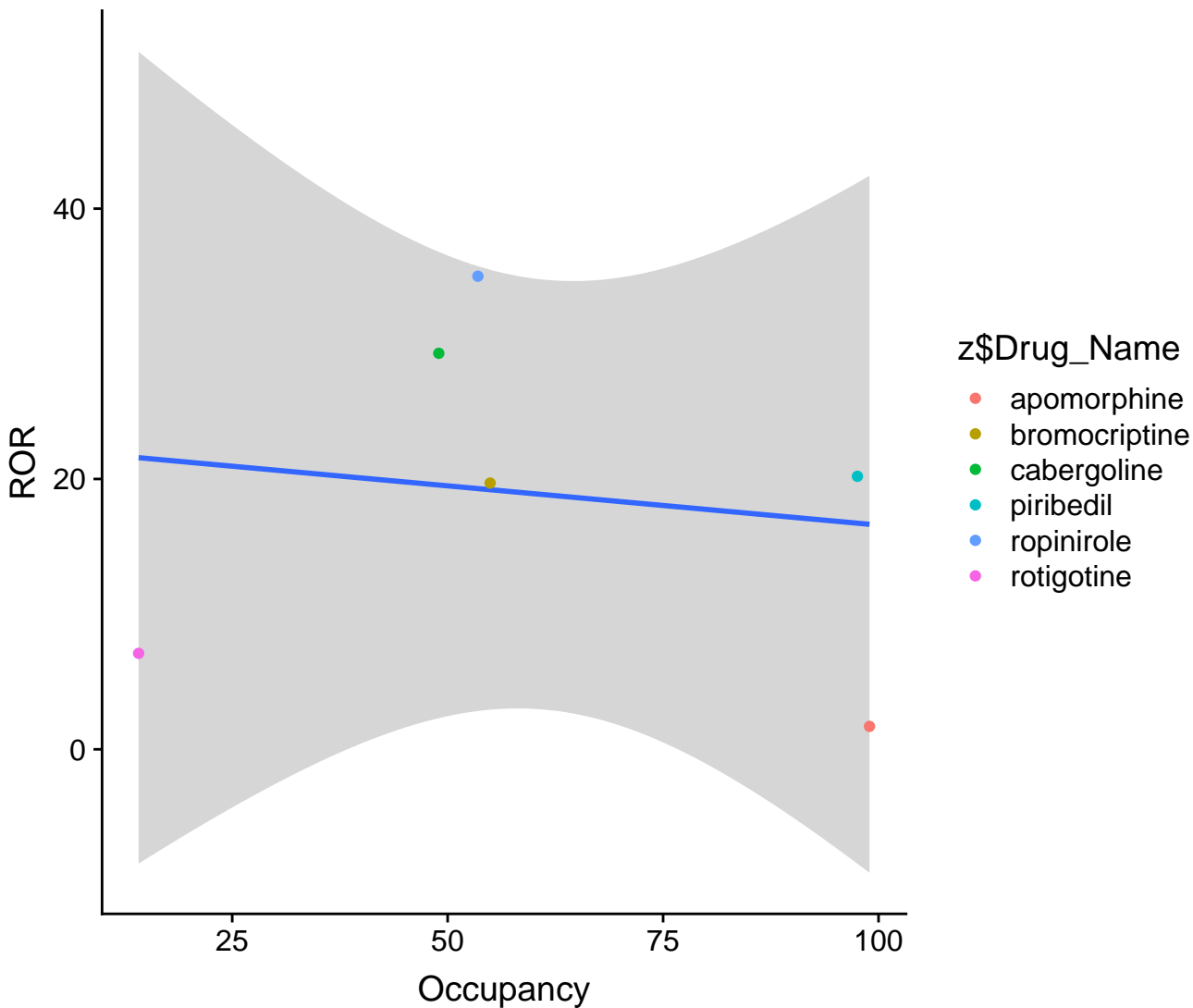Intercept: 16.53    Slope: 0.1    SE: 0.17    p–value: 0.588393    Pearson: 0.33

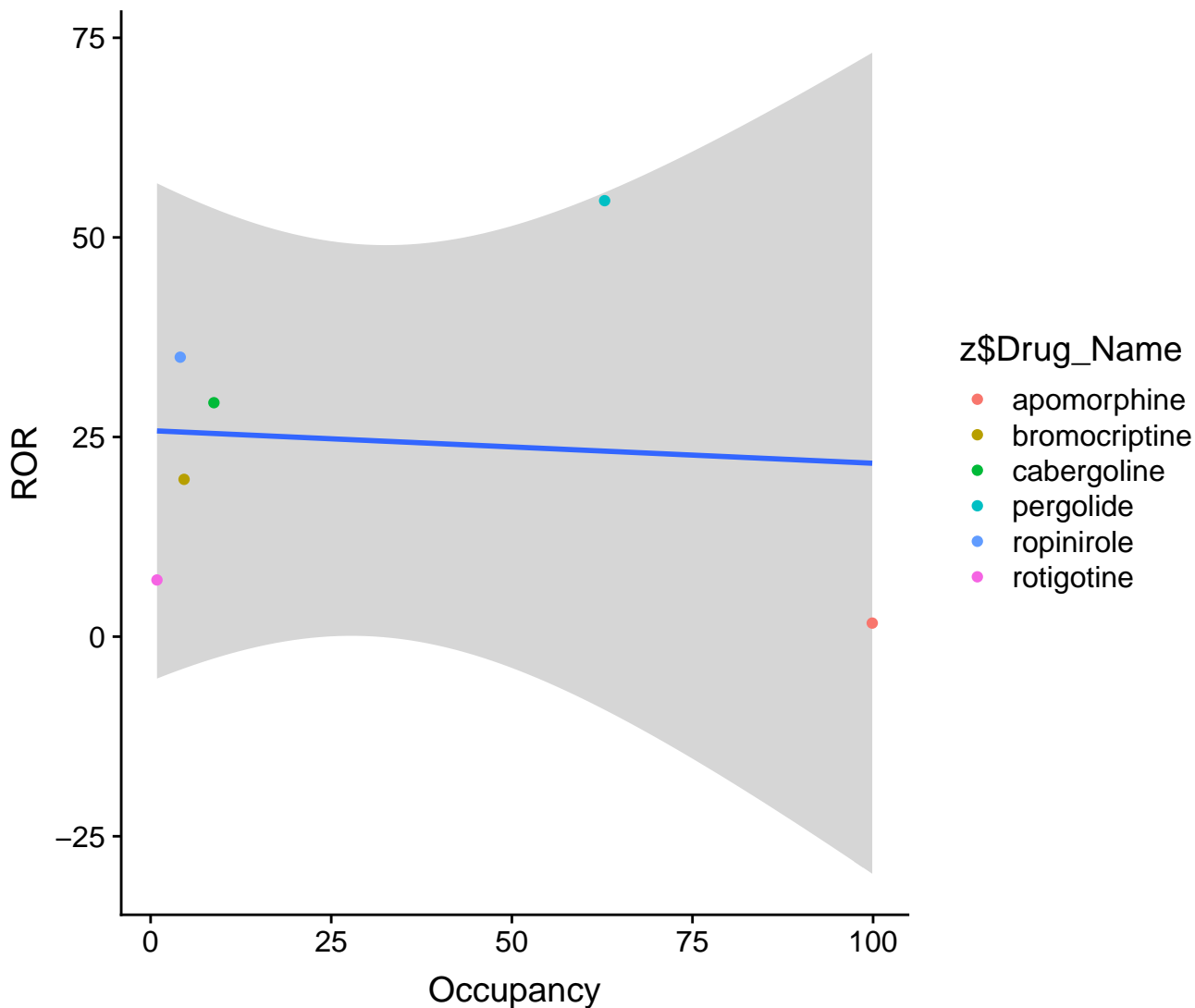**gambling ~ ADRA2b [ Antagonist ]**

Intercept: 30.11    Slope: −0.18    SE: 0.19    p−value: 0.395946    Pearson: −0.43

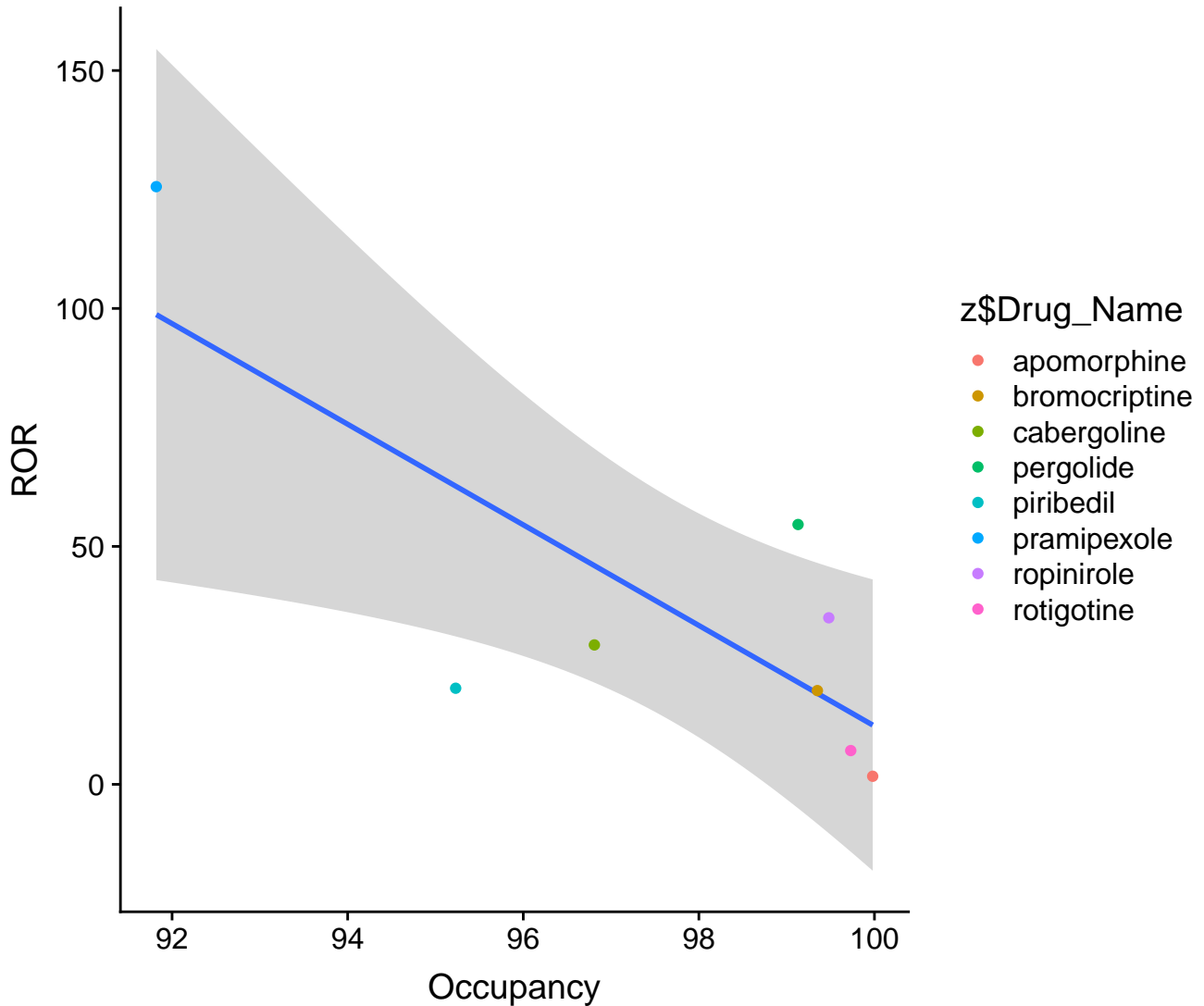**gambling ~ ADRA2c [ Antagonist ]**

Intercept: 22.4    Slope: −0.06    SE: 0.19    p−value: 0.77985    Pearson: −0.15
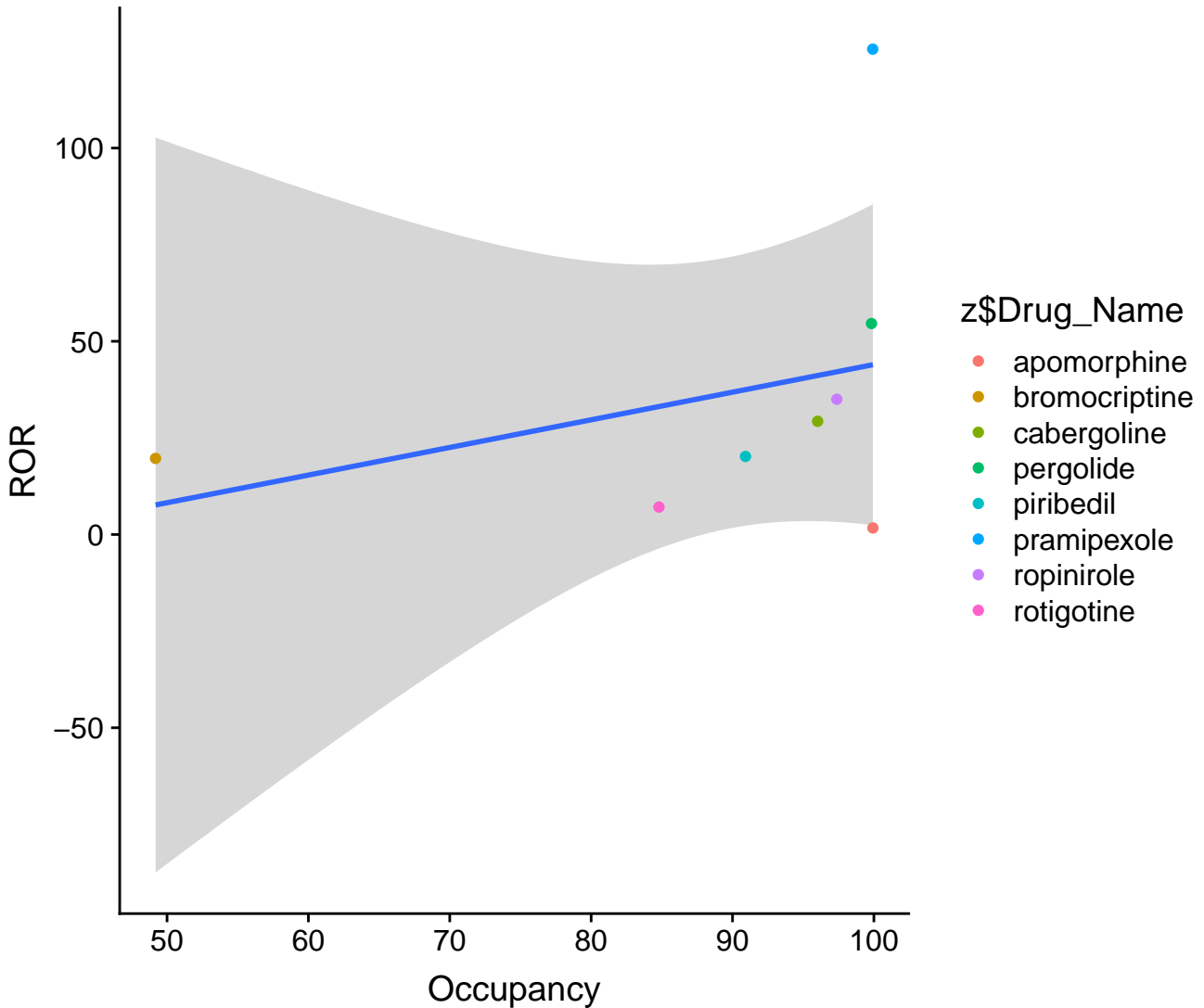
**gambling ~ D1 [ Agonist ]**

Intercept: 25.8    Slope: −0.04    SE: 0.23    p−value: 0.869637    Pearson: −0.09

**gambling ~ D2 [ Agonist ]**

ROR vs Occupancy

z$Drug_Name
- apomorphine
- bromocriptine
- cabergoline
- pergolide
- piribedil
- pramipexole
- ropinirole
- rotigotine

Intercept: 1069.36    Slope: −10.57    SE: 3.53    p−value: 0.024079    Pearson: −0.77

**gambling ~ D3 [ Agonist ]**
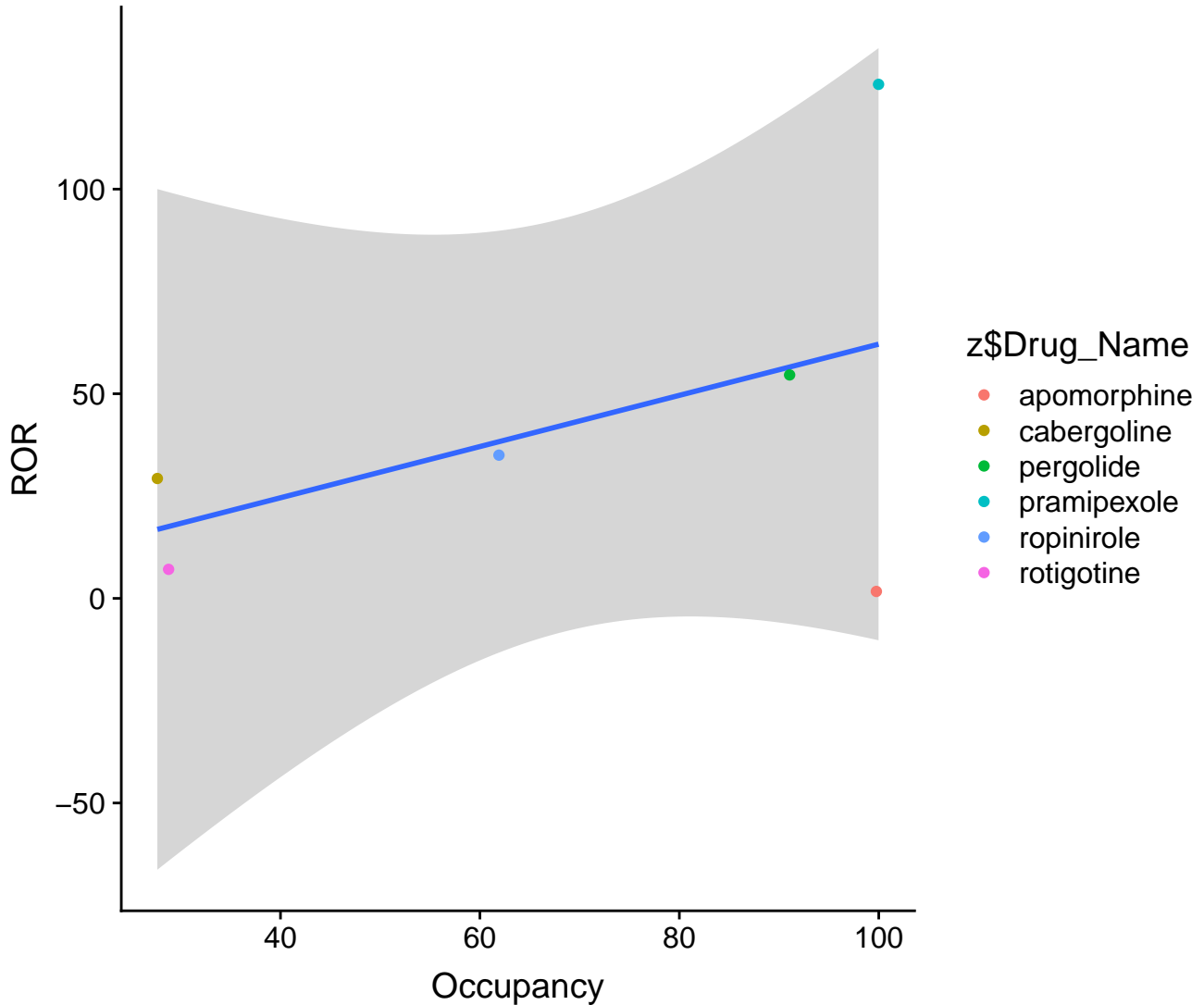
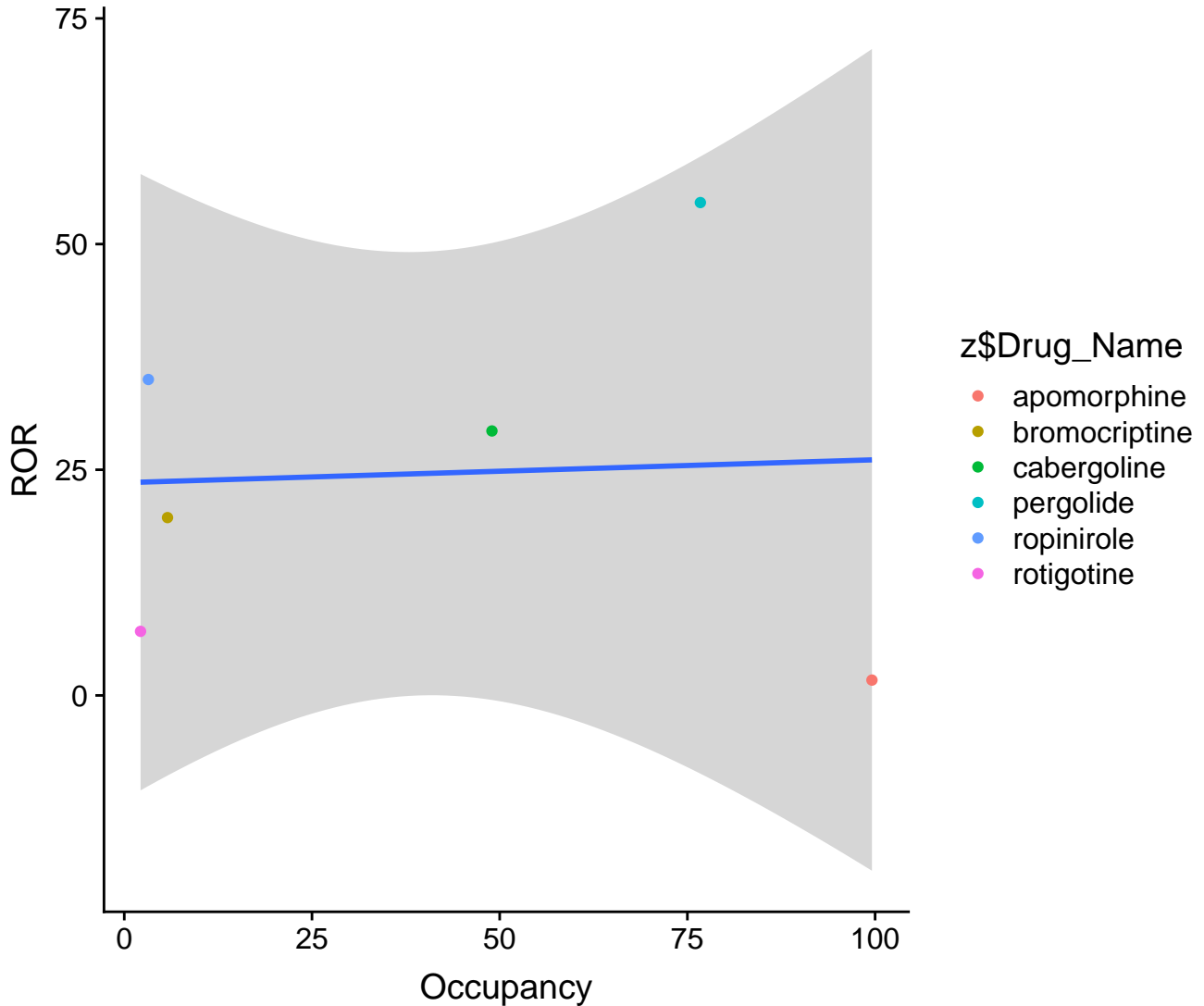Intercept: −27.54    Slope: 0.72    SE: 0.89    p−value: 0.452479    Pearson: 0.31

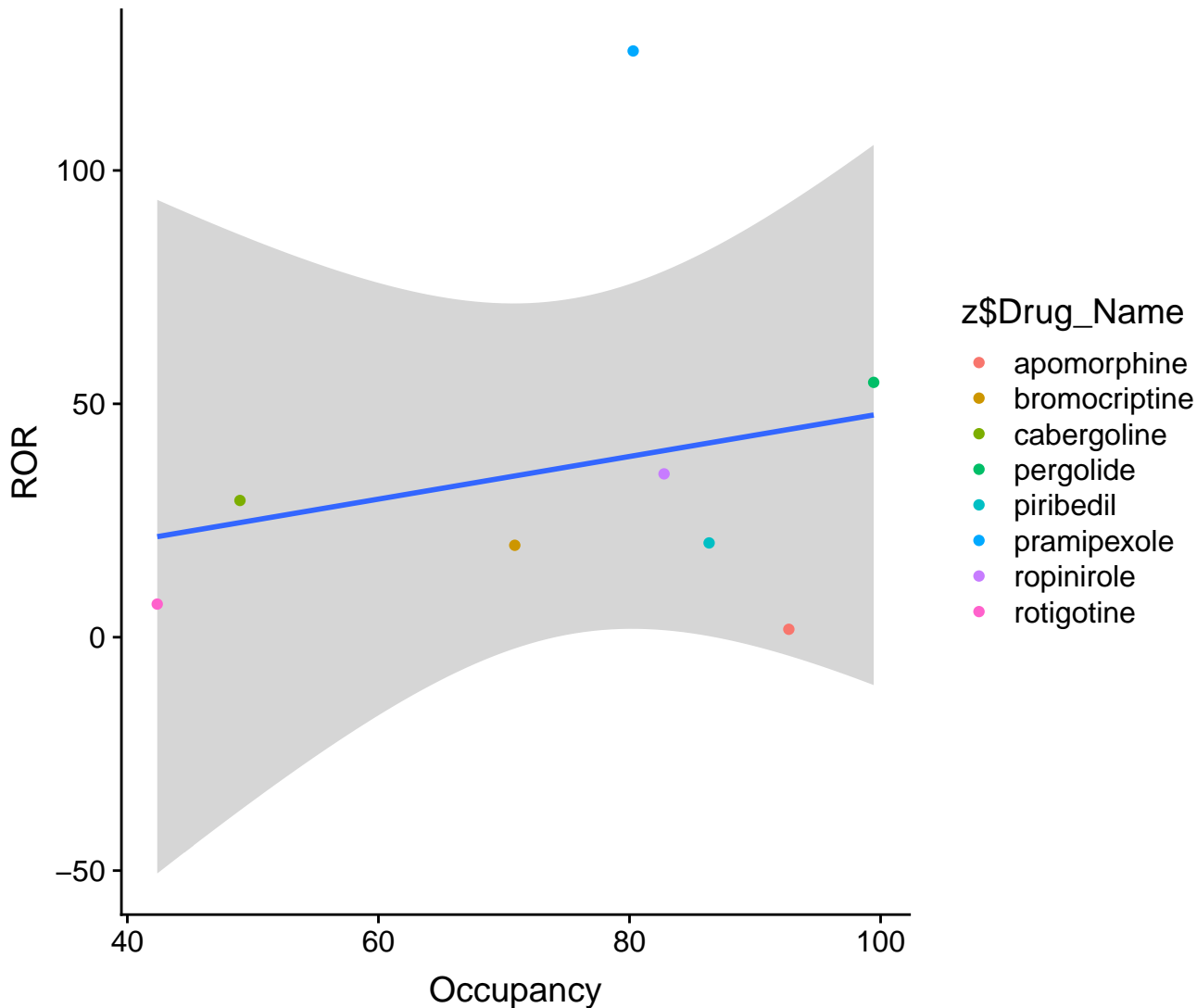**gambling ~ D4 [ Agonist ]**

Intercept: −0.45   Slope: 0.63   SE: 0.59   p−value: 0.346416   Pearson: 0.47

**gambling ~ D5 [ Agonist ]**

Intercept: 23.57    Slope: 0.03    SE: 0.23    p–value: 0.917204    Pearson: 0.06

**gambling ~ 5HT1a [ Agonist ]**

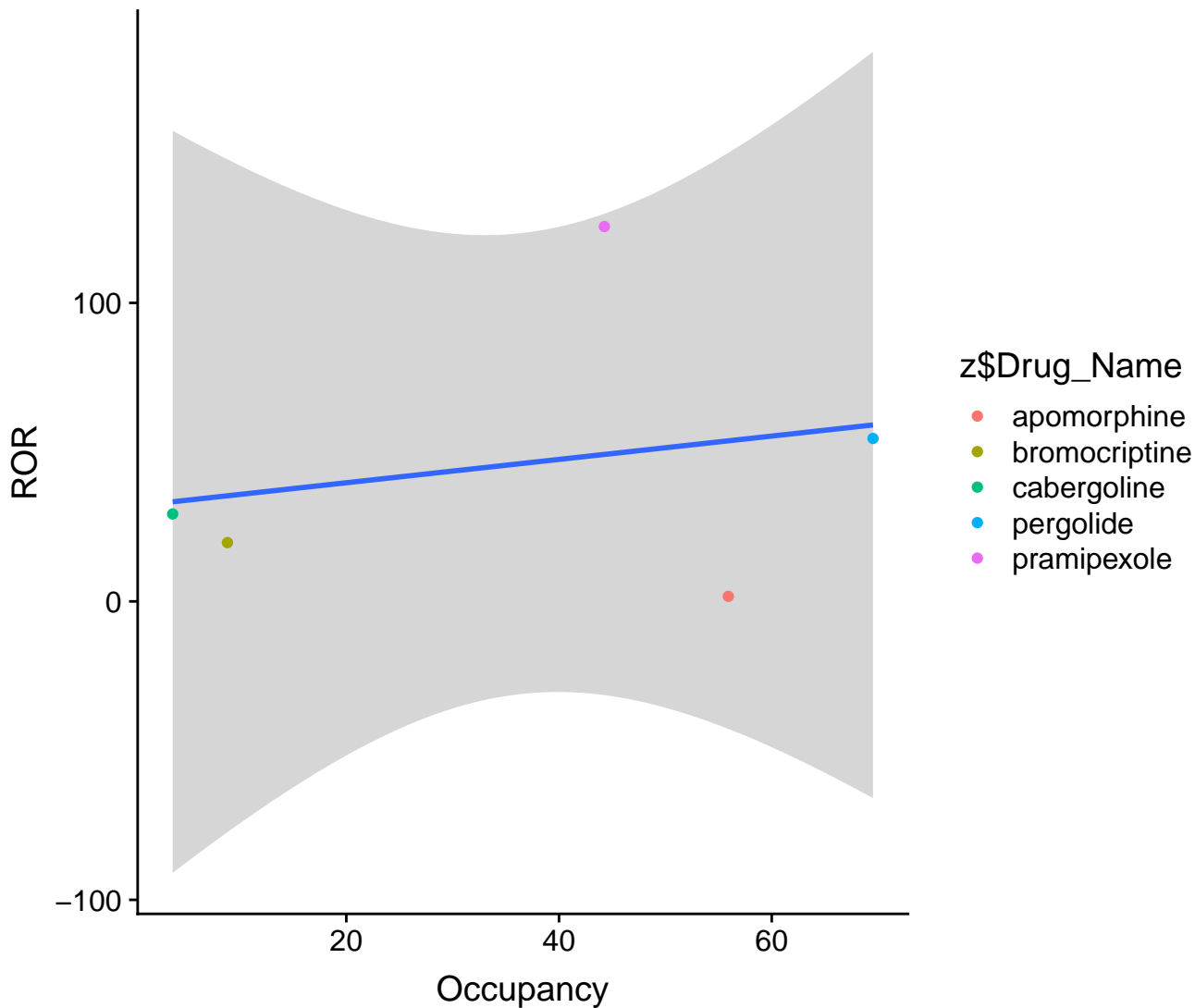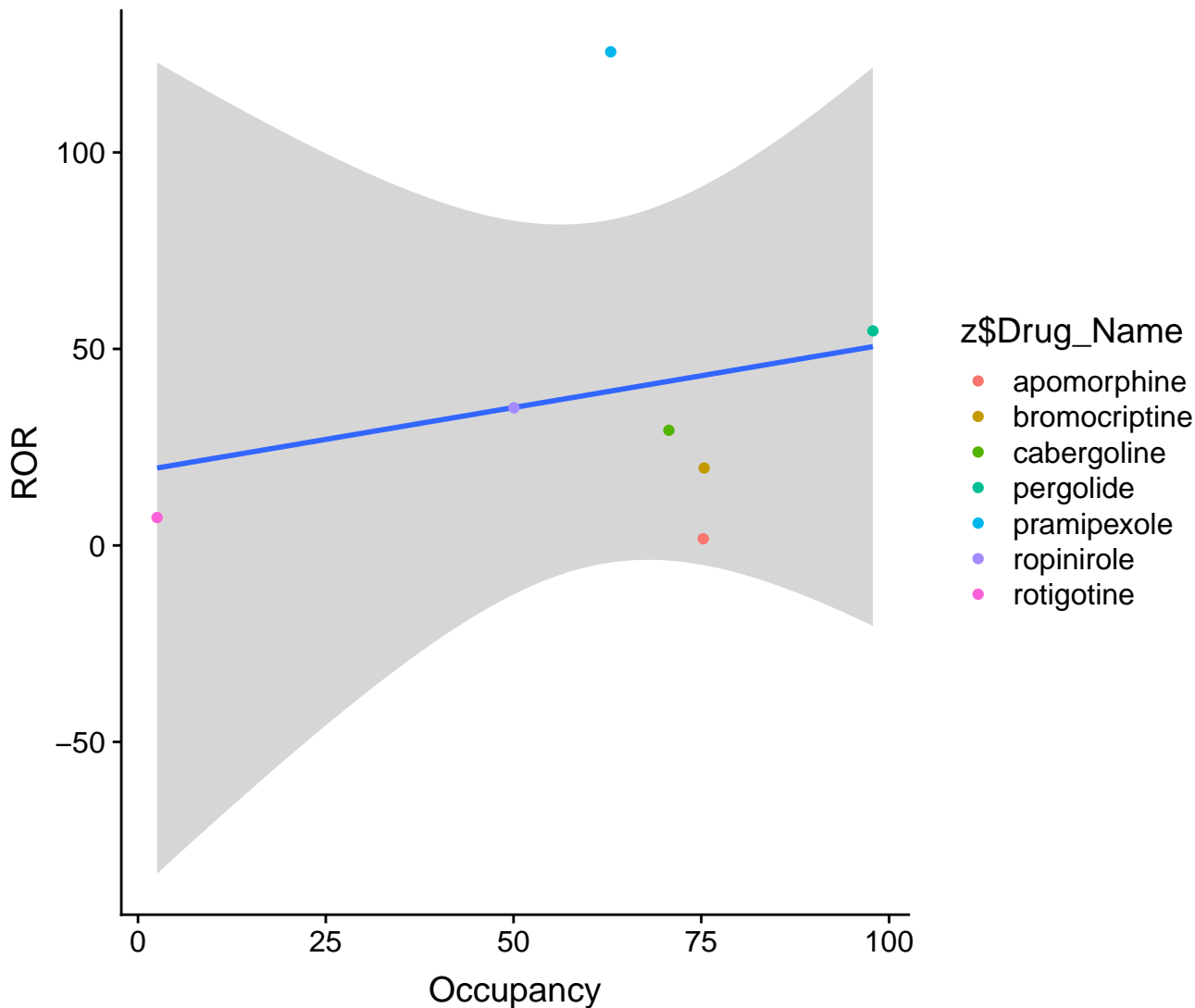Intercept: 2.19    Slope: 0.46    SE: 0.77    p–value: 0.576244    Pearson: 0.23

**gambling ~ 5HT1b [ Agonist ]**
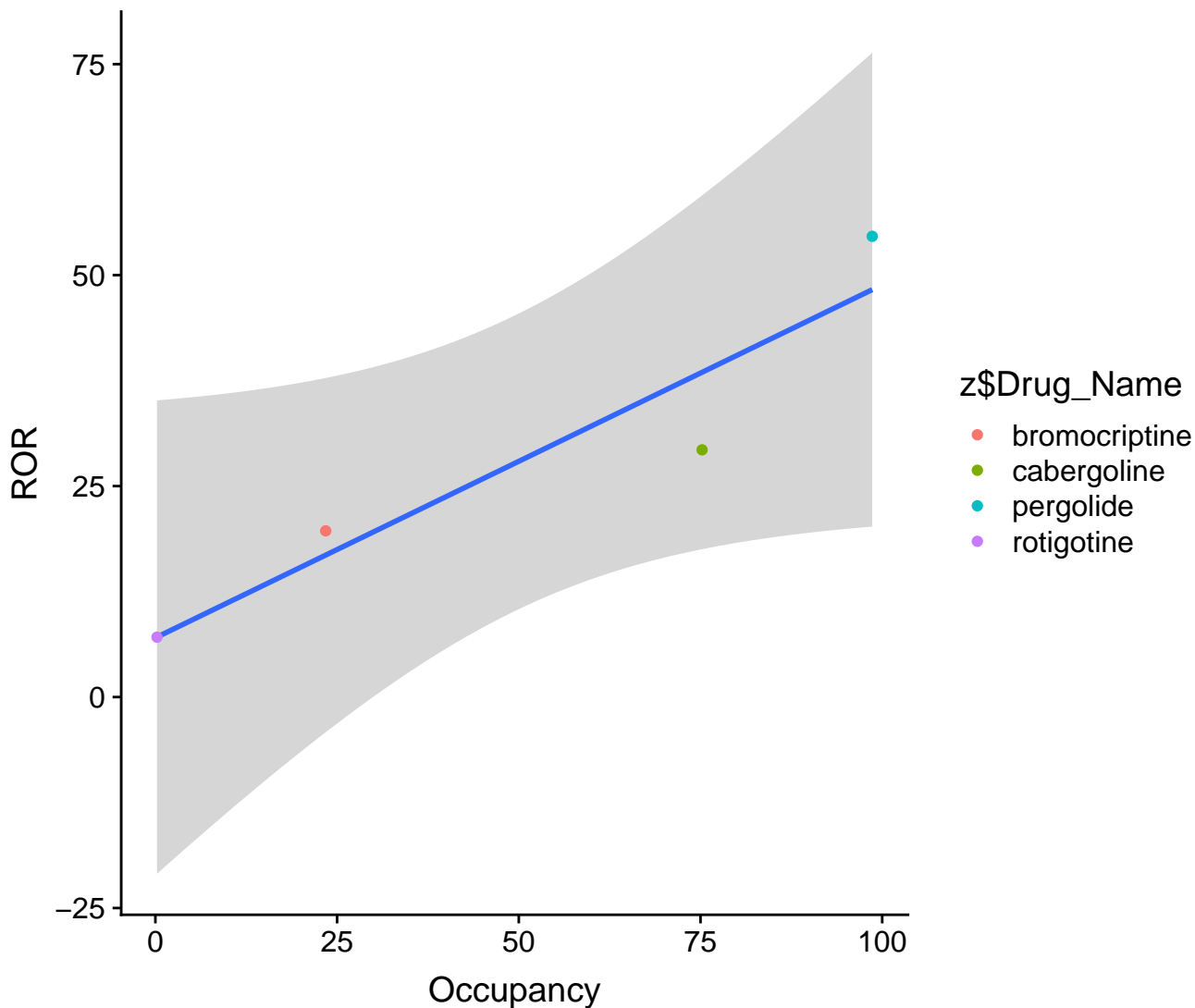
Intercept: 31.93     Slope: 0.39     SE: 0.93     p–value: 0.703728     Pearson: 0.23

**gambling ~ 5HT1d [ Agonist ]**
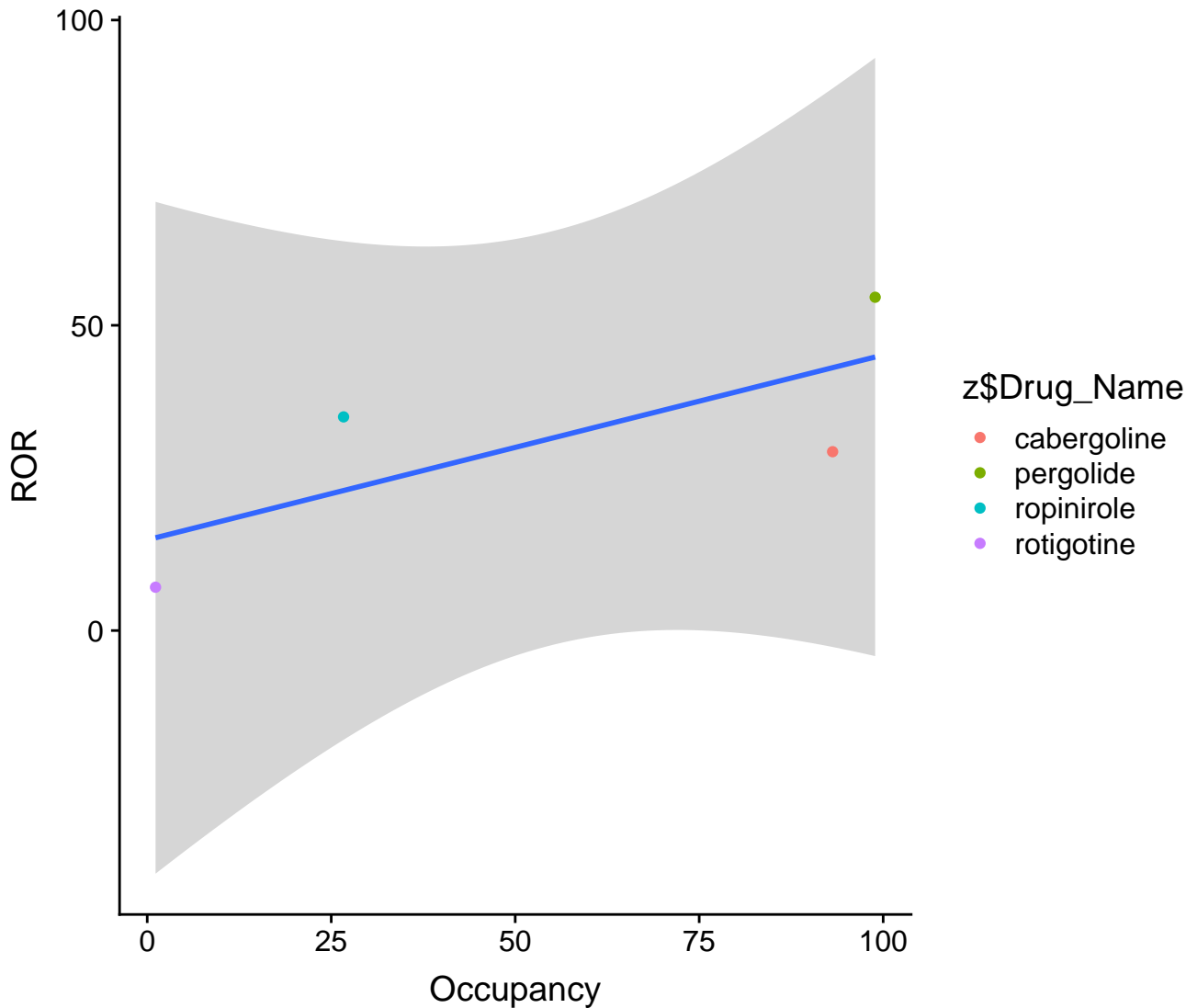
Intercept: 18.87    Slope: 0.32    SE: 0.61    p–value: 0.618513    Pearson: 0.23

**gambling ~ 5HT2a [ Agonist ]**

Intercept: 7.02     Slope: 0.42     SE: 0.1     p–value: 0.056168     Pearson: 0.94
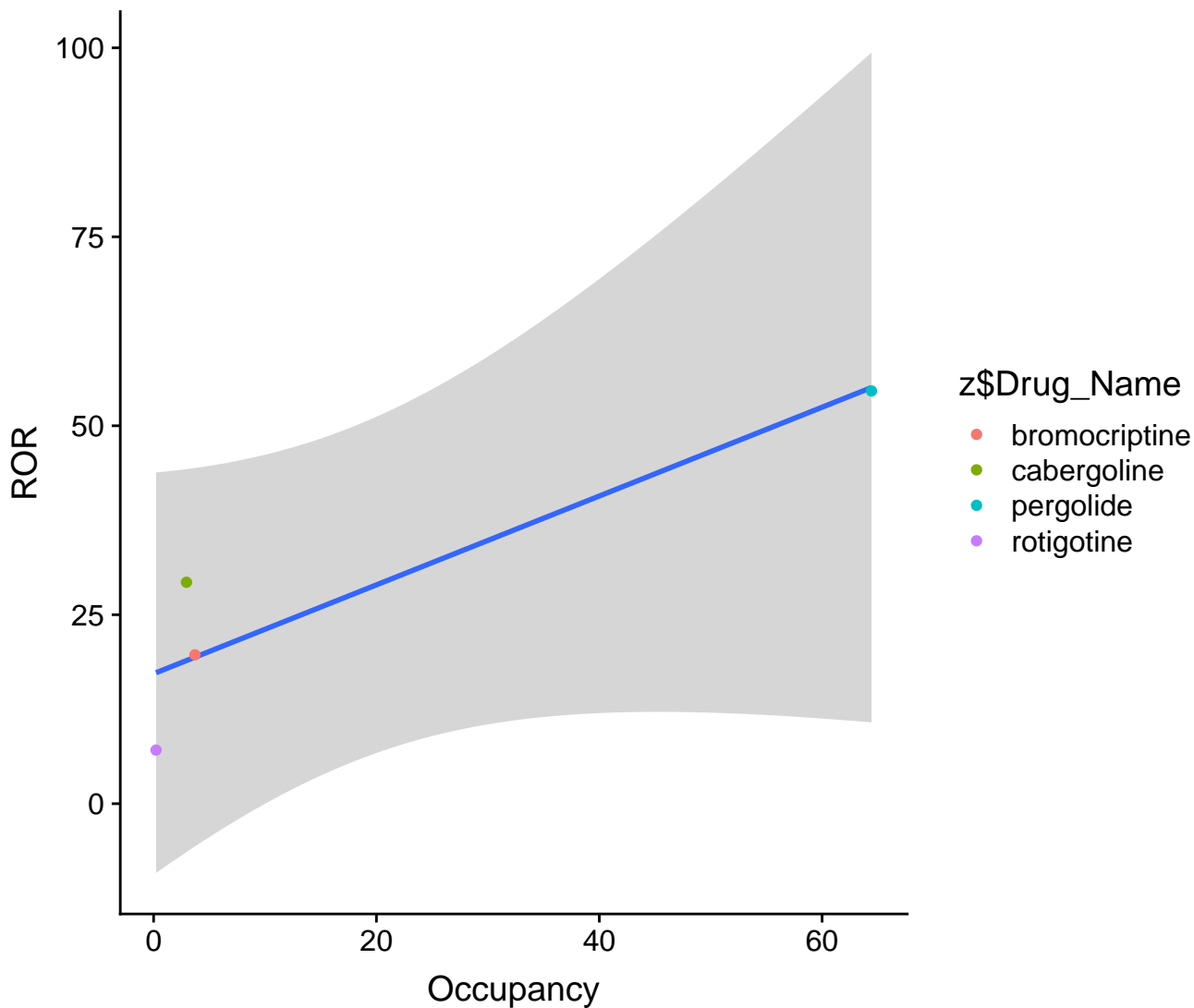
**gambling ~ 5HT2b [ Agonist ]**

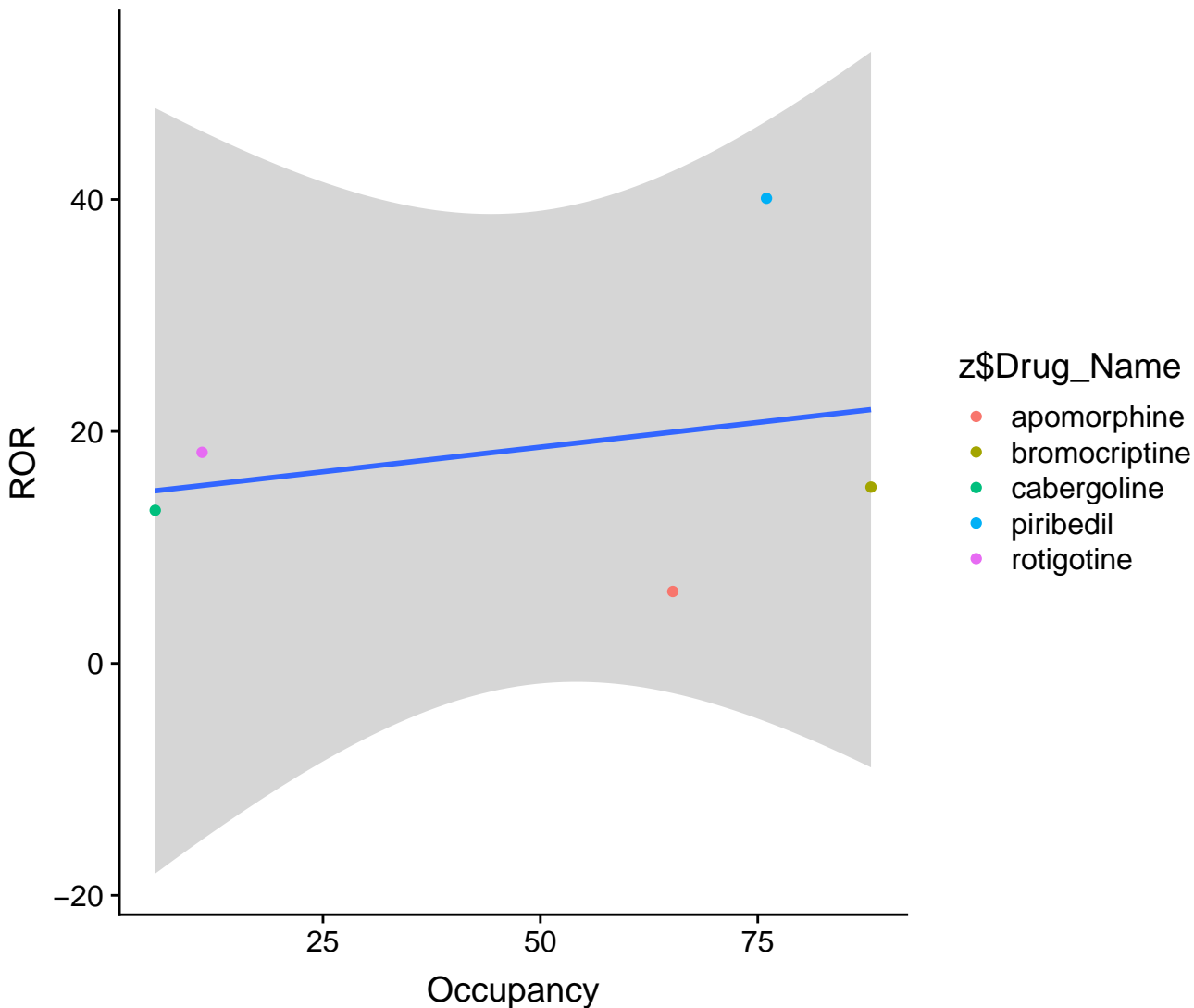Intercept: 14.86    Slope: 0.3    SE: 0.19    p–value: 0.247036    Pearson: 0.75

**gambling ~ 5HT2c [ Agonist ]**

ROR

z$Drug_Name

- bromocriptine
- cabergoline
- pergolide
- rotigotine

Occupancy

Intercept: 17.2    Slope: 0.59    SE: 0.19    p–value: 0.091648    Pearson: 0.91

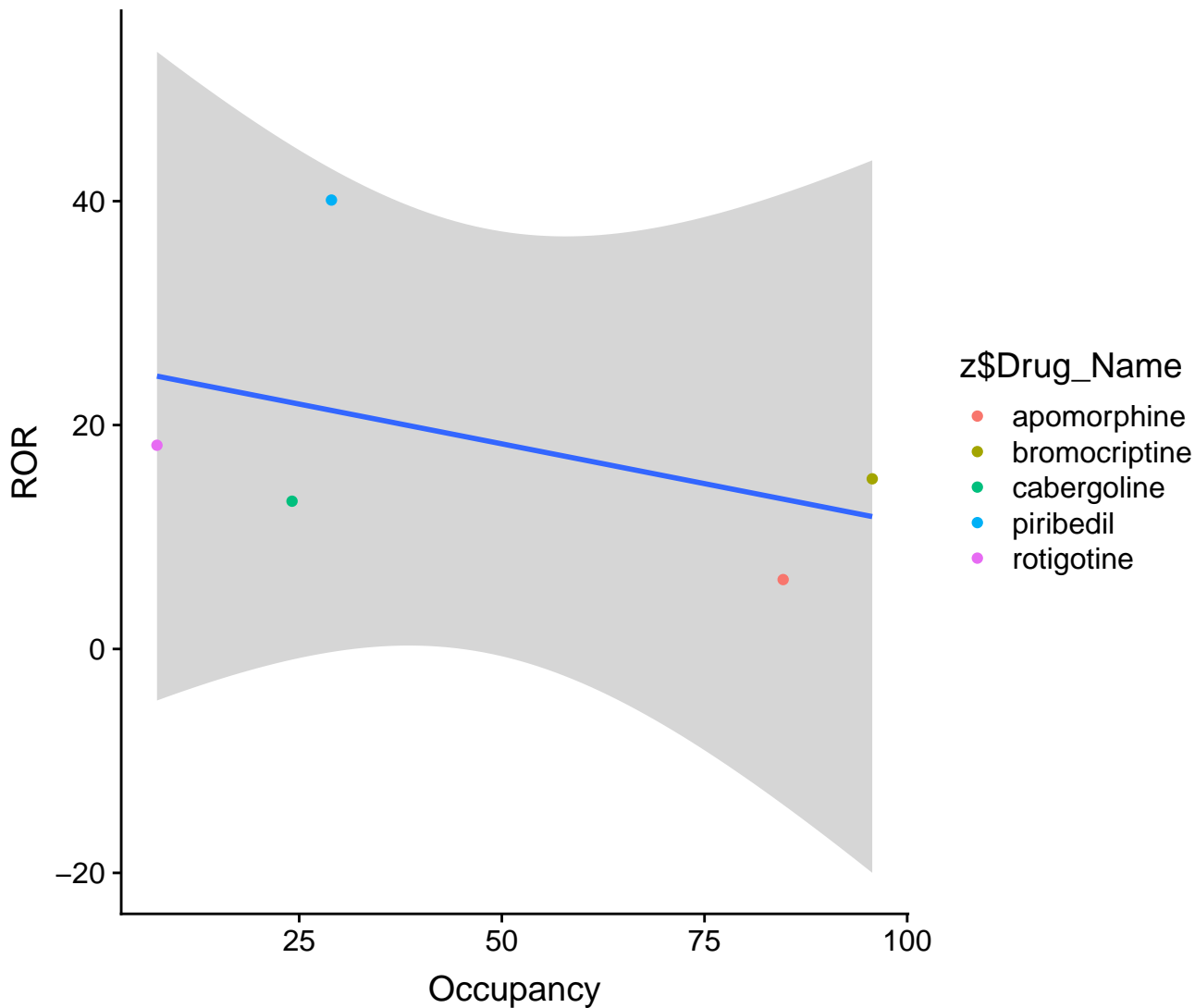**compulsive shopping  ~  ADRA1a [ Antagonist ]**

Intercept:  14.39     Slope:  0.09     SE:  0.19     p–value:  0.680948     Pearson:  0.25

**compulsive shopping ~ ADRA1b [ Antagonist ]**

ROR vs Occupancy

z$Drug_Name
- apomorphine
- bromocriptine
- cabergoline
- piribedil
- rotigotine

Intercept: 25.43   Slope: −0.14   SE: 0.17   p−value: 0.462243   Pearson: −0.44
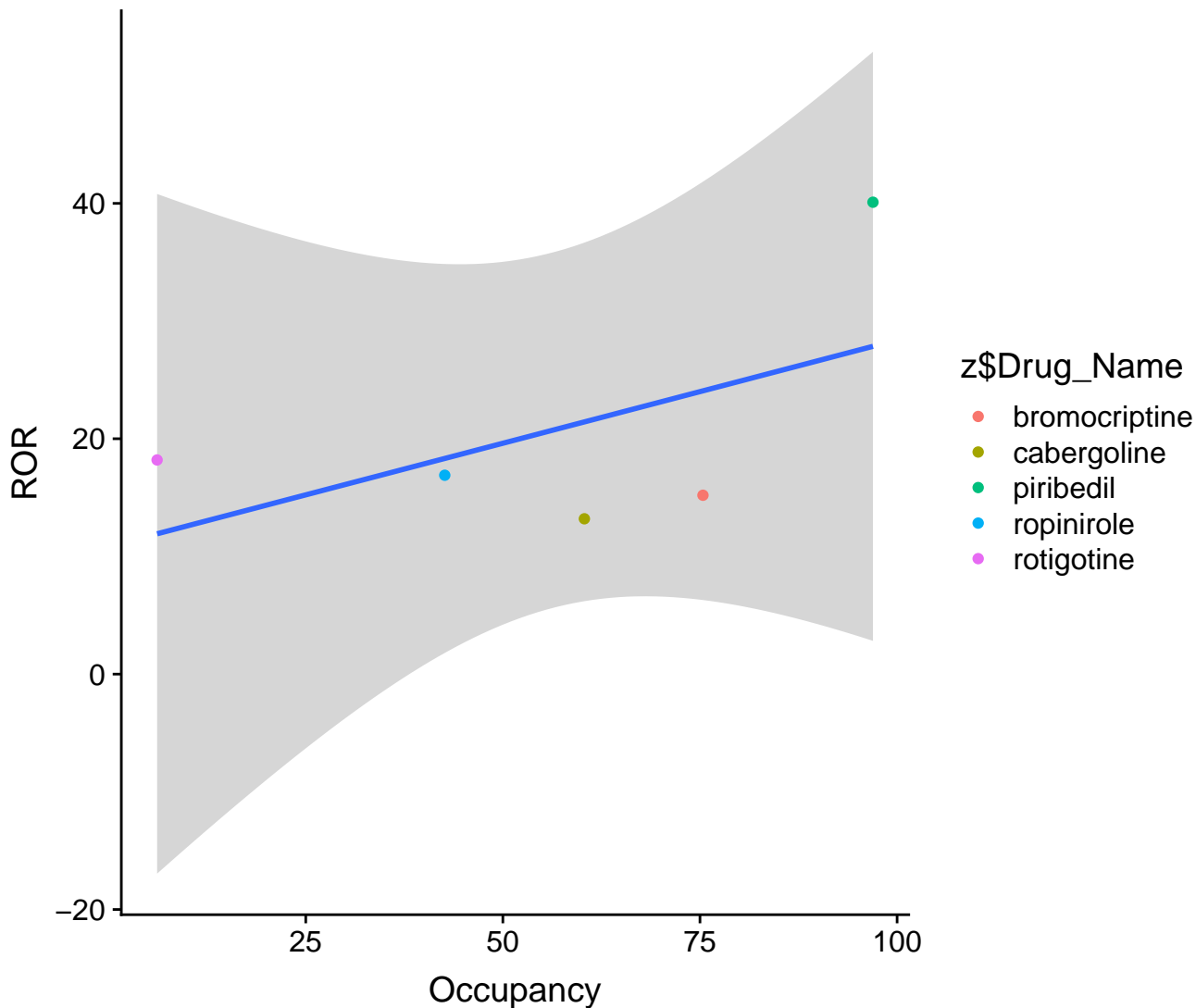
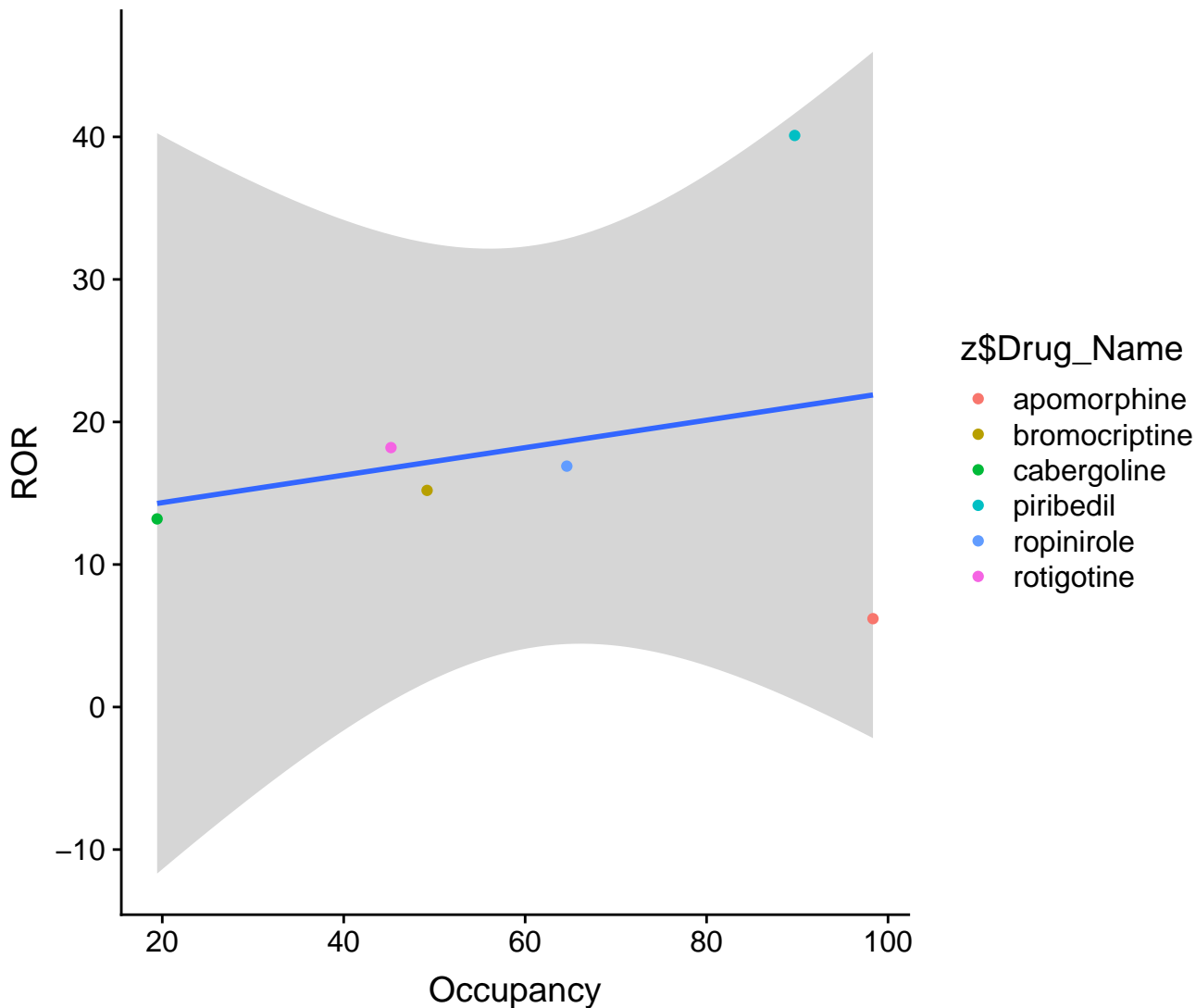**compulsive shopping ~ ADRA1d [ Antagonist ]**
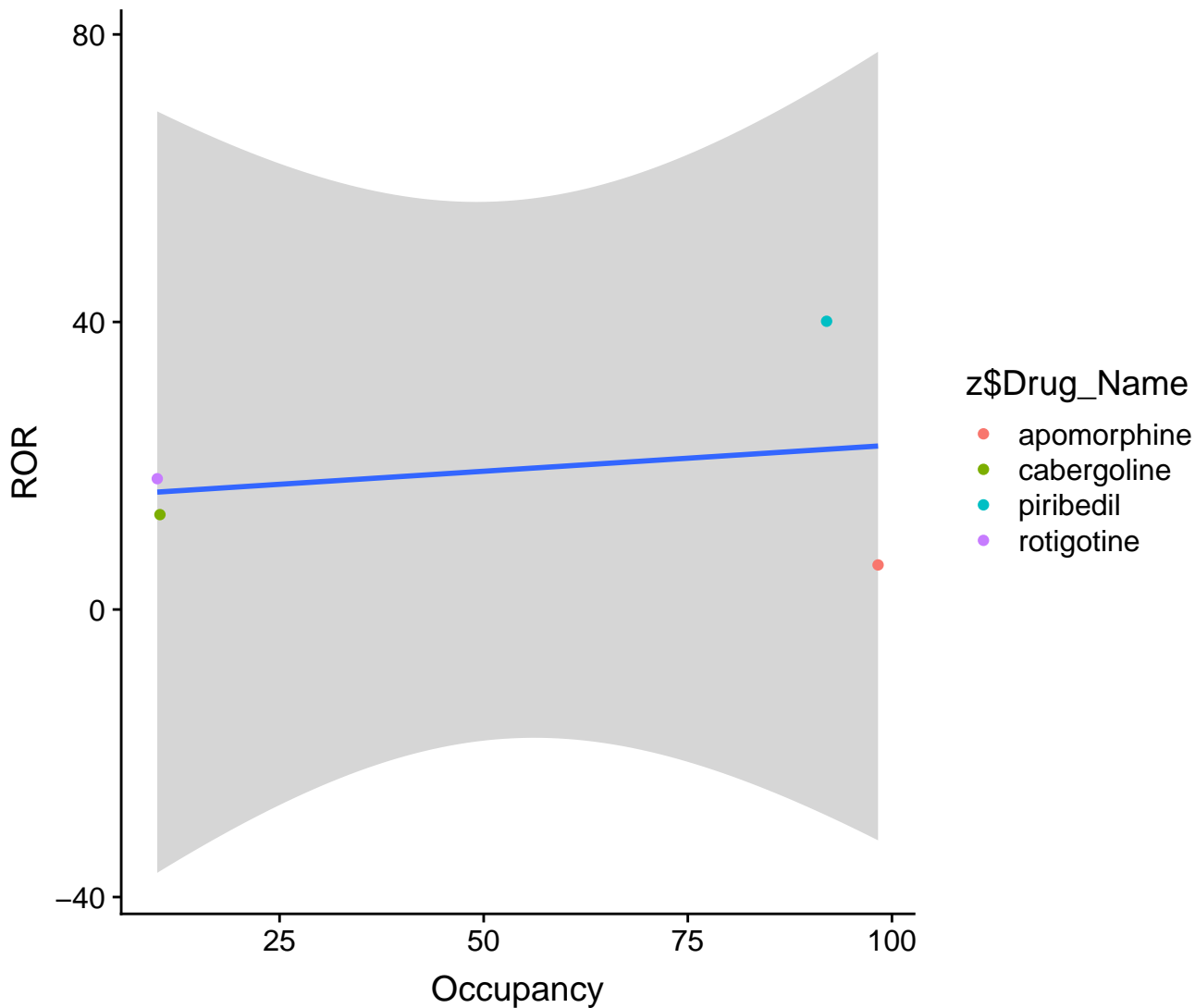
Intercept: 15.6    Slope: 0.07    SE: 0.2    p–value: 0.756408    Pearson: 0.24

**compulsive shopping ~ ADRA2a [ Antagonist ]**

Intercept: 10.84    Slope: 0.18    SE: 0.15    p–value: 0.337977    Pearson: 0.55

**compulsive shopping ~ ADRA2b [ Antagonist ]**

z$Drug_Name
- apomorphine
- bromocriptine
- cabergoline
- piribedil
- ropinirole
- rotigotine

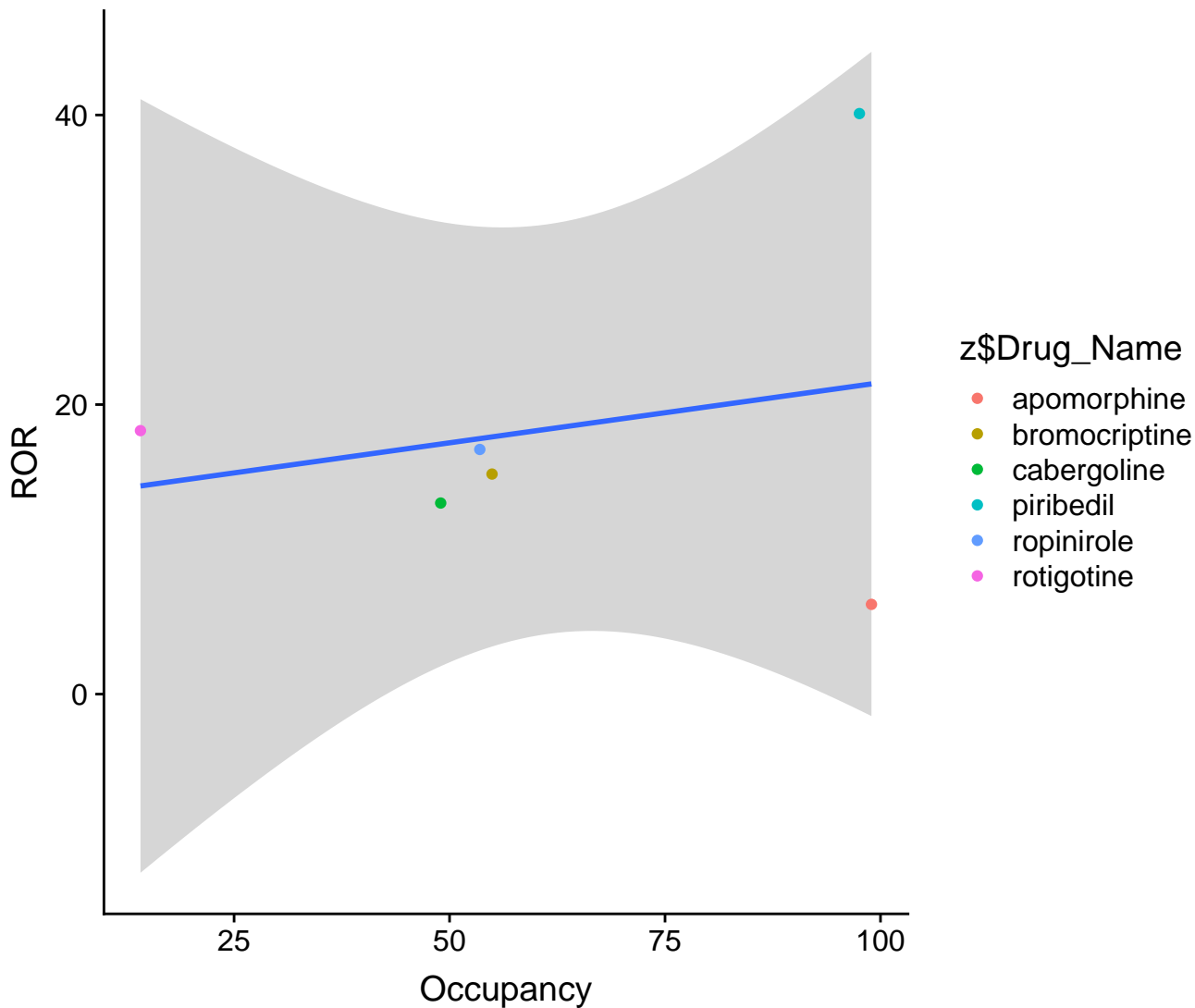Intercept: 12.41   Slope: 0.1   SE: 0.19   p–value: 0.636168   Pearson: 0.25

**compulsive shopping ~ ADRA2c [ Antagonist ]**

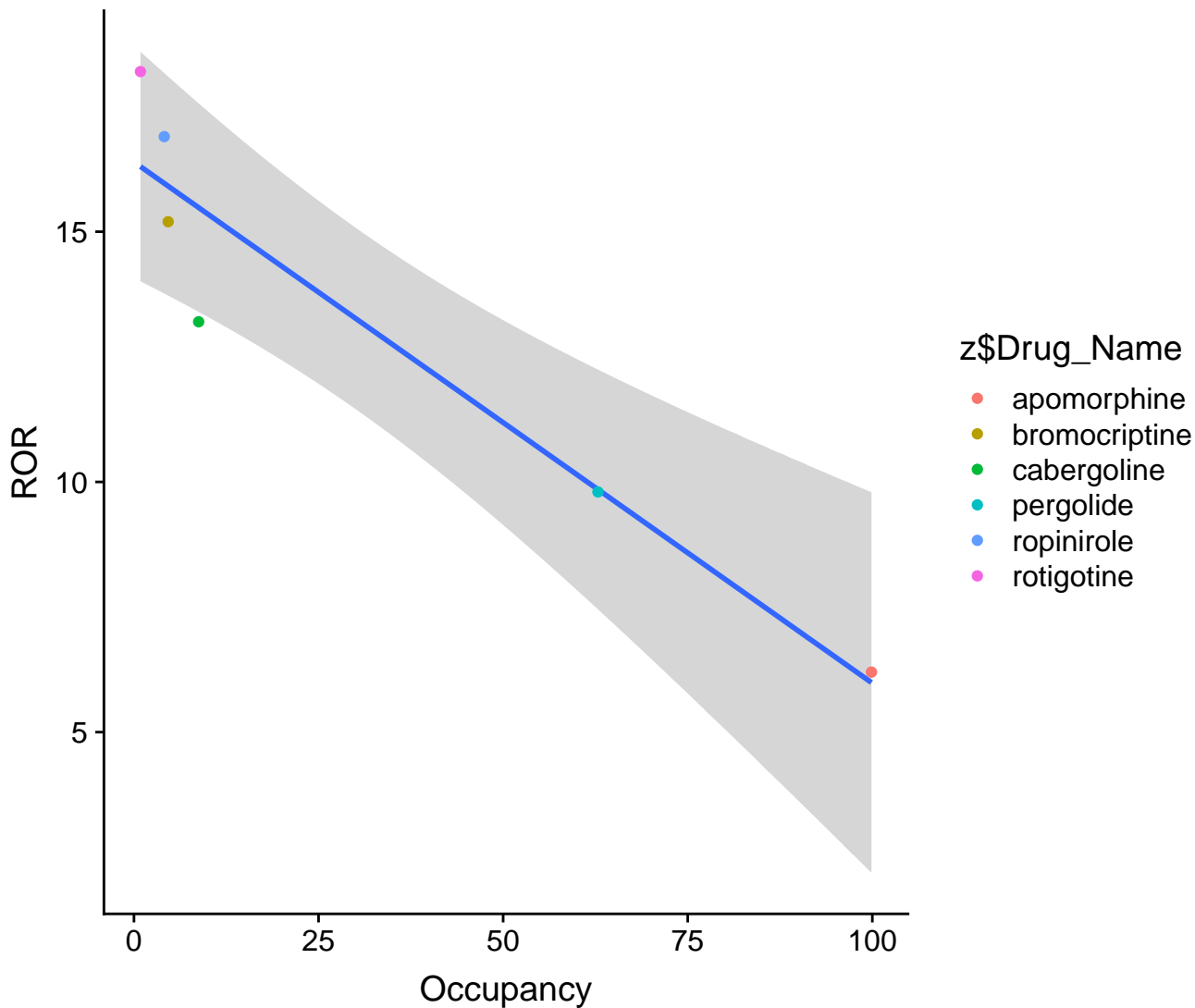Intercept: 13.2     Slope: 0.08     SE: 0.17     p–value: 0.655931     Pearson: 0.23

**compulsive shopping ~ D1 [ Agonist ]**
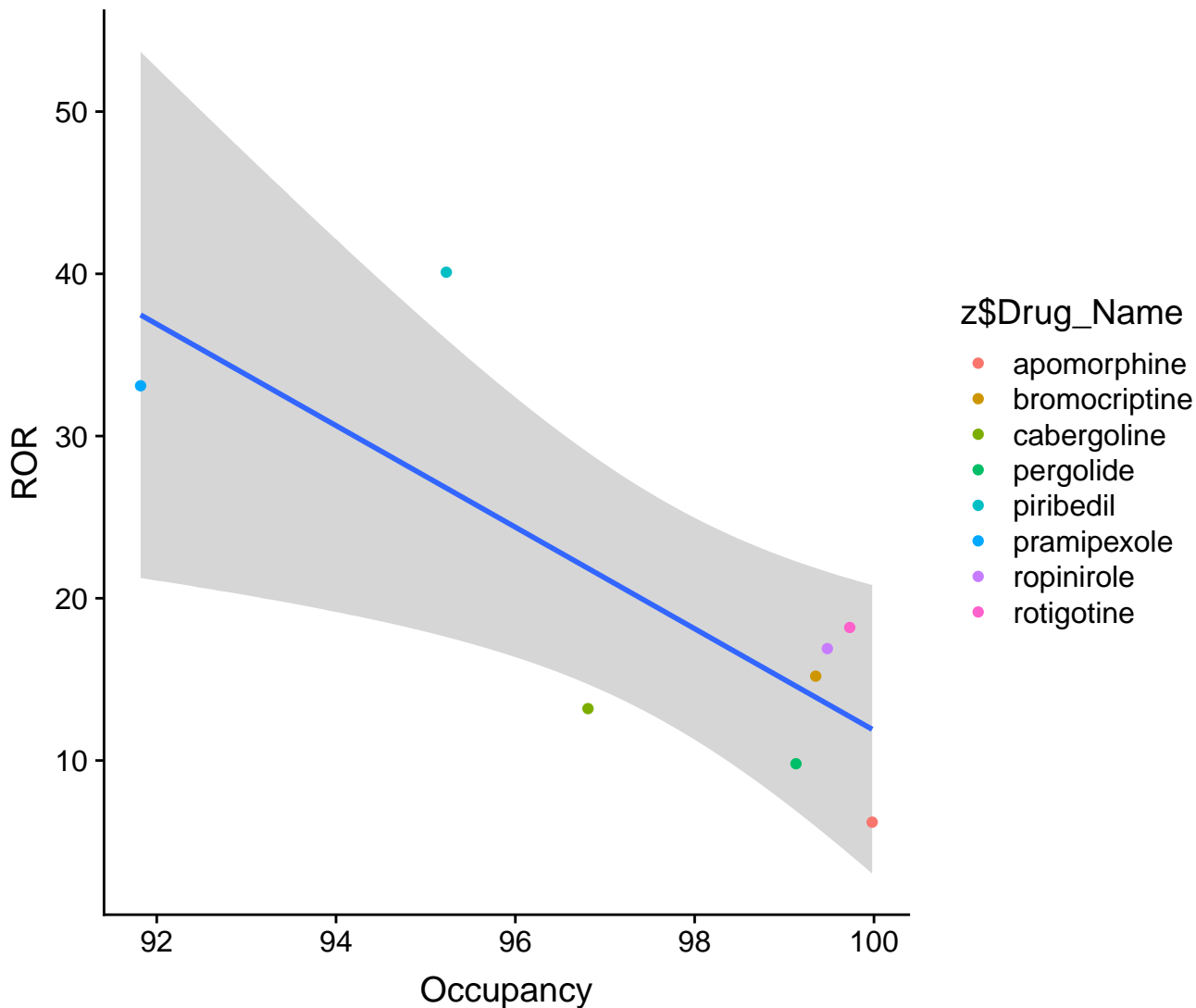


Intercept: 16.39    Slope: −0.1    SE: 0.02    p−value: 0.003811    Pearson: −0.95

**compulsive shopping ~ D2 [ Agonist ]**

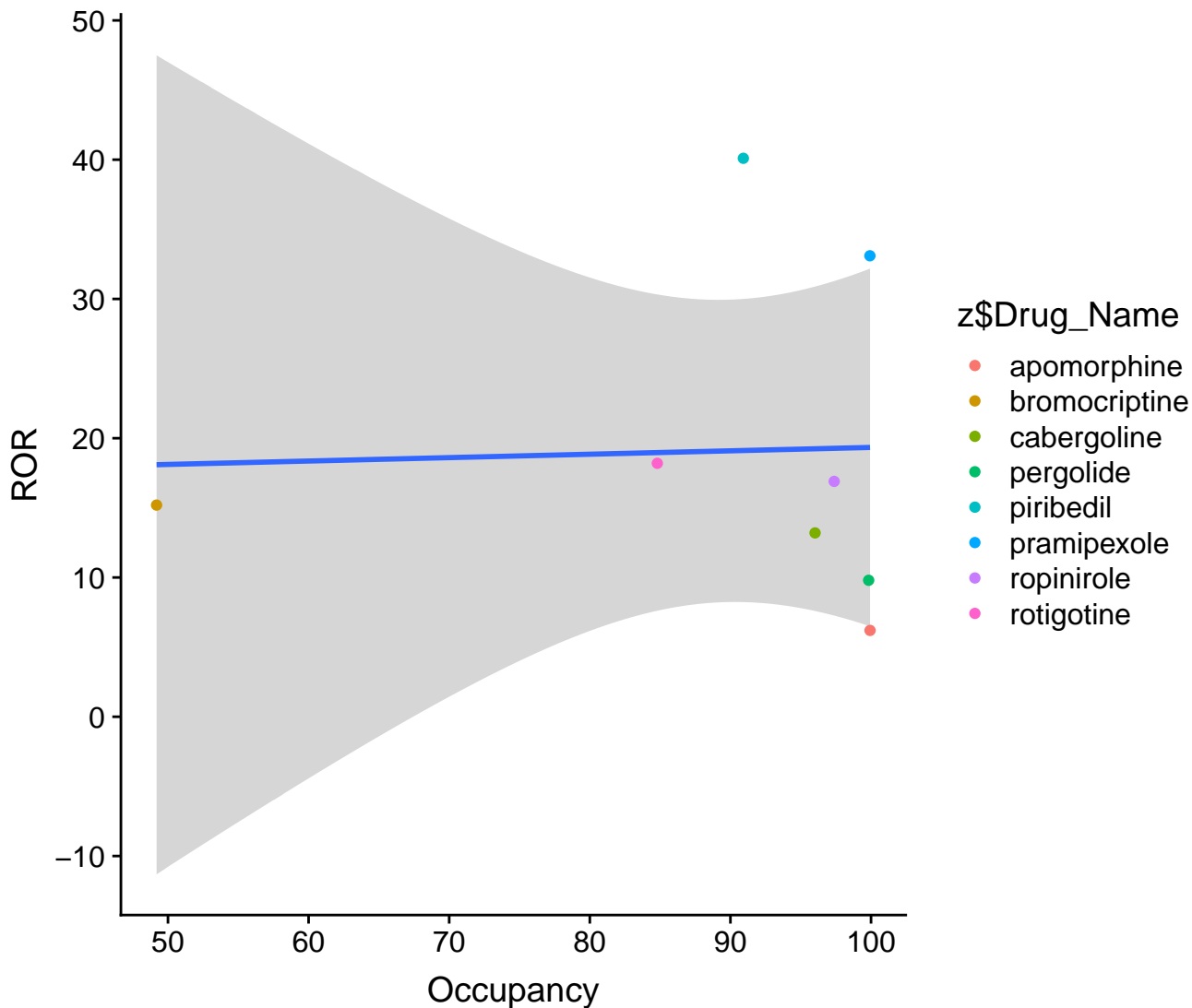Intercept: 324.91    Slope: −3.13    SE: 1.02    p−value: 0.022384    Pearson: −0.78
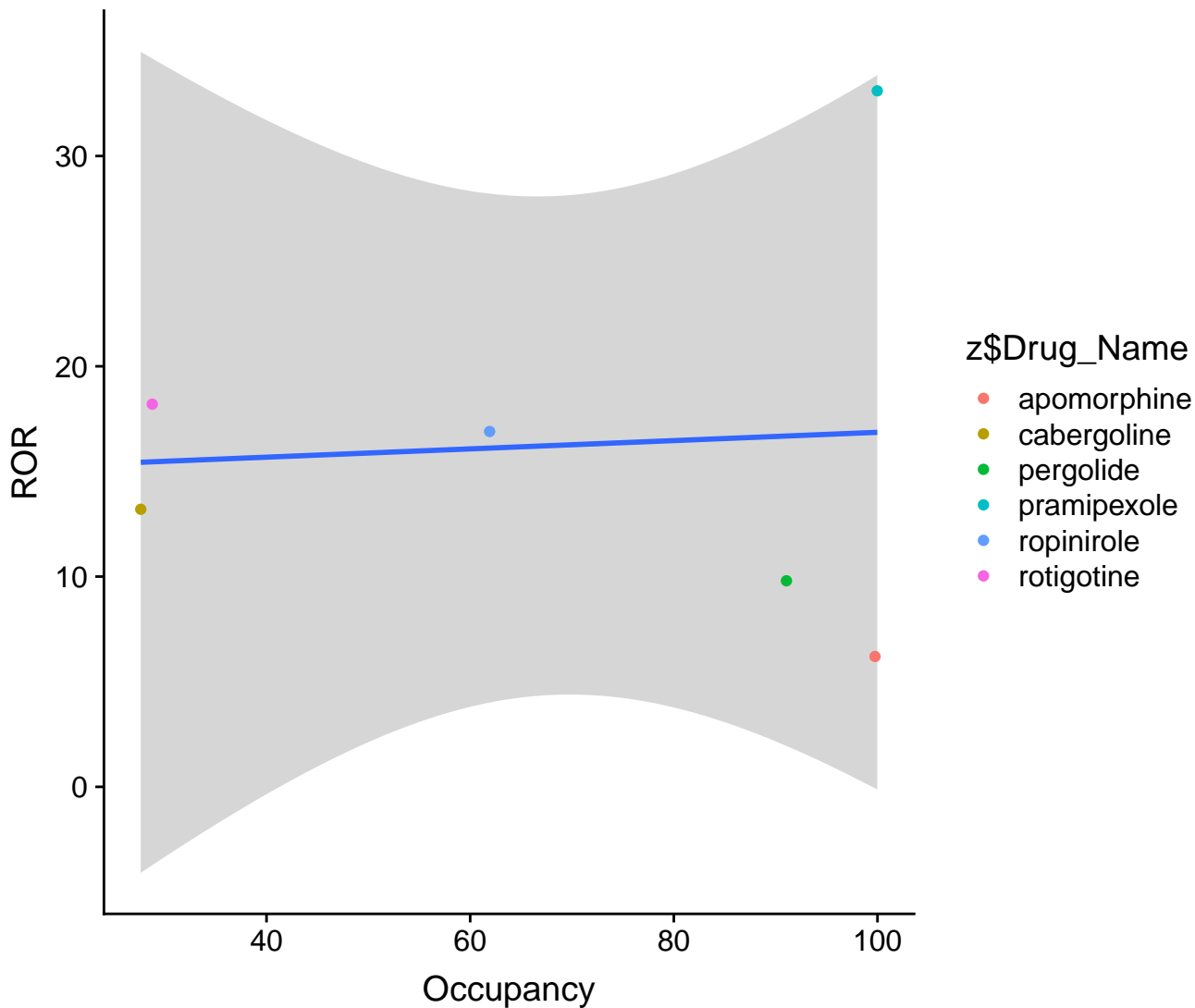
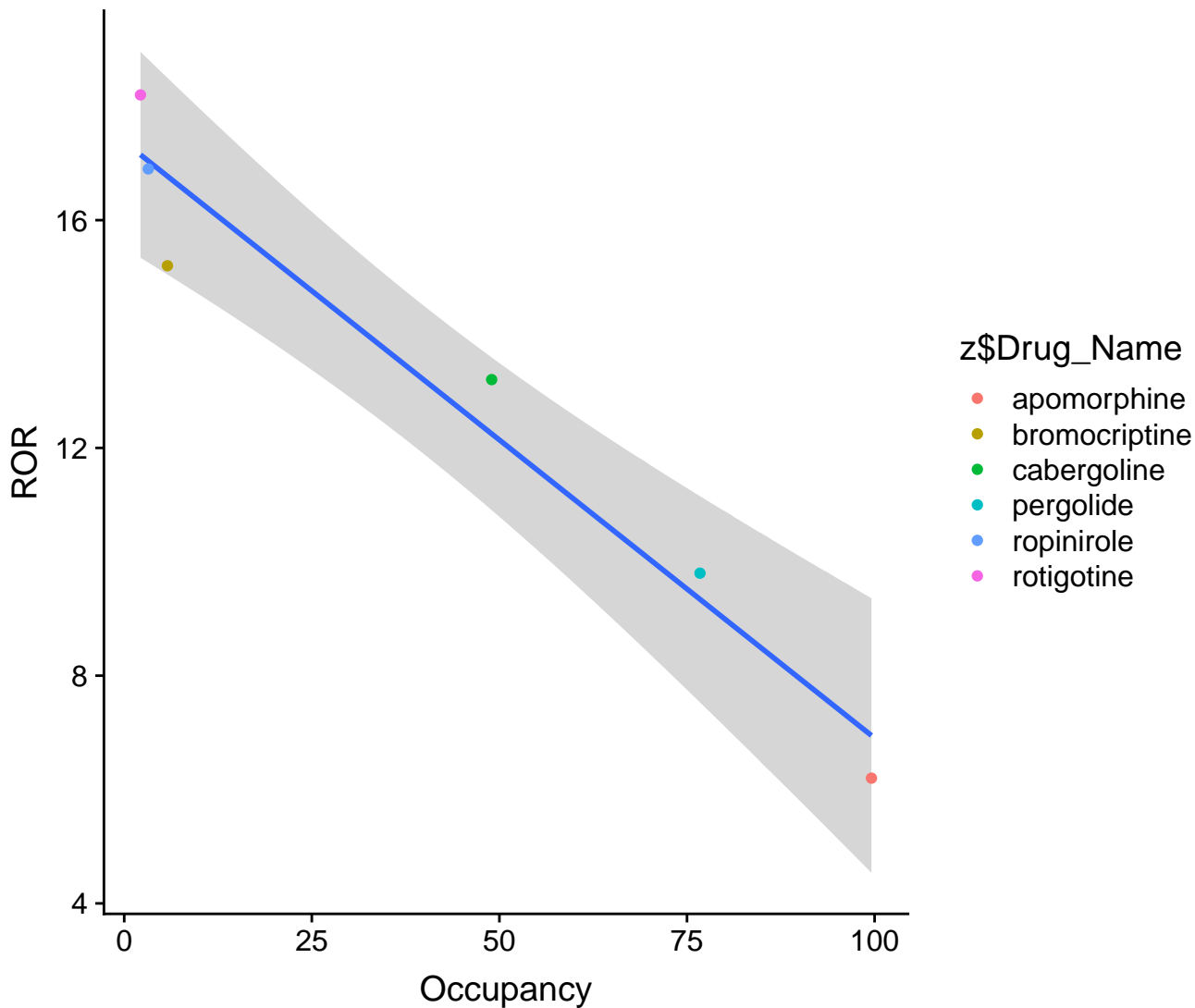**compulsive shopping  ~  D3 [ Agonist ]**

Intercept:  16.9     Slope:  0.02     SE:  0.28     p–value:  0.93217     Pearson:  0.04

**compulsive shopping ~ D4 [ Agonist ]**

Intercept: 14.89    Slope: 0.02    SE: 0.14    p–value: 0.893223    Pearson: 0.07

**compulsive shopping ~ D5 [ Agonist ]**
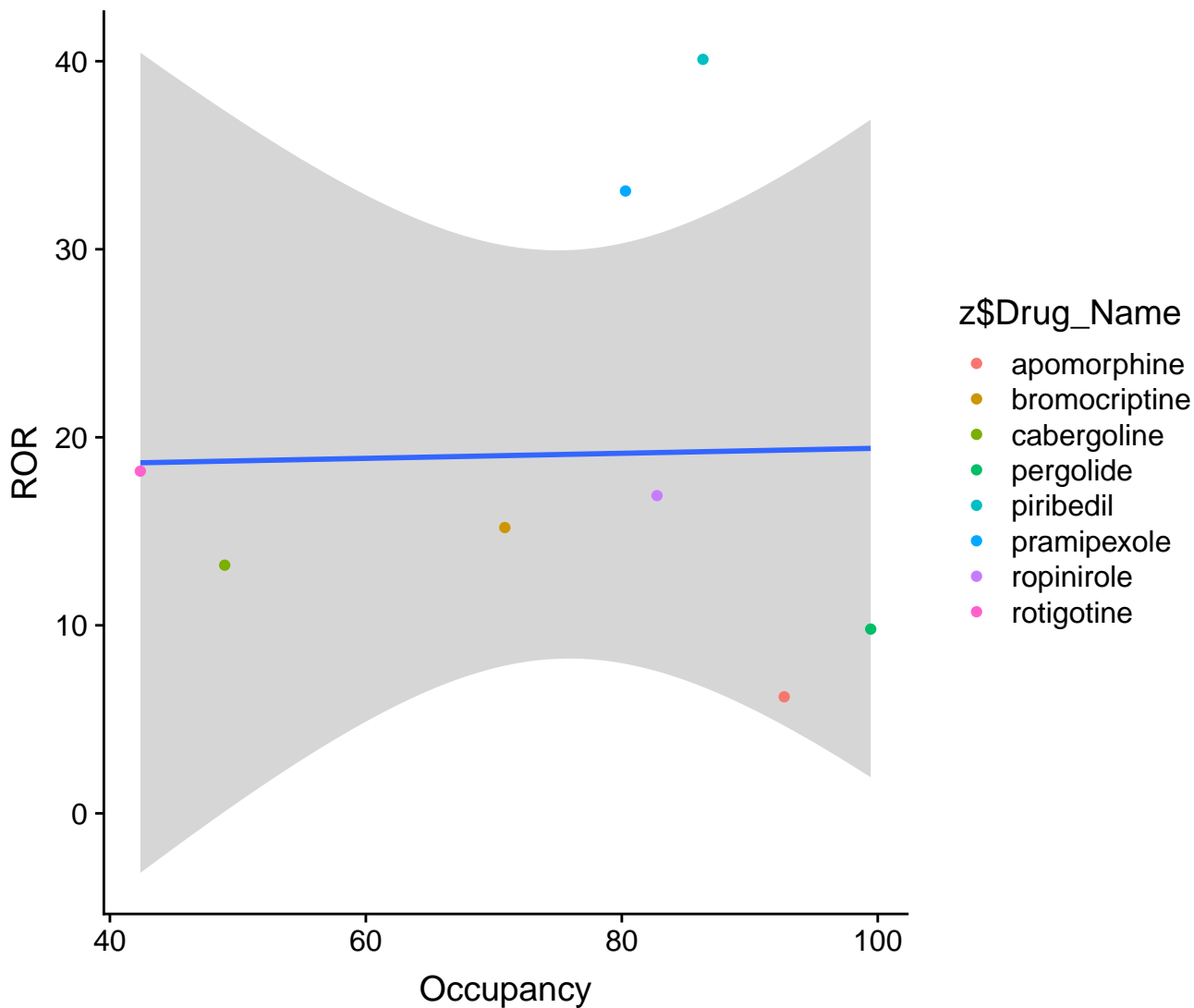
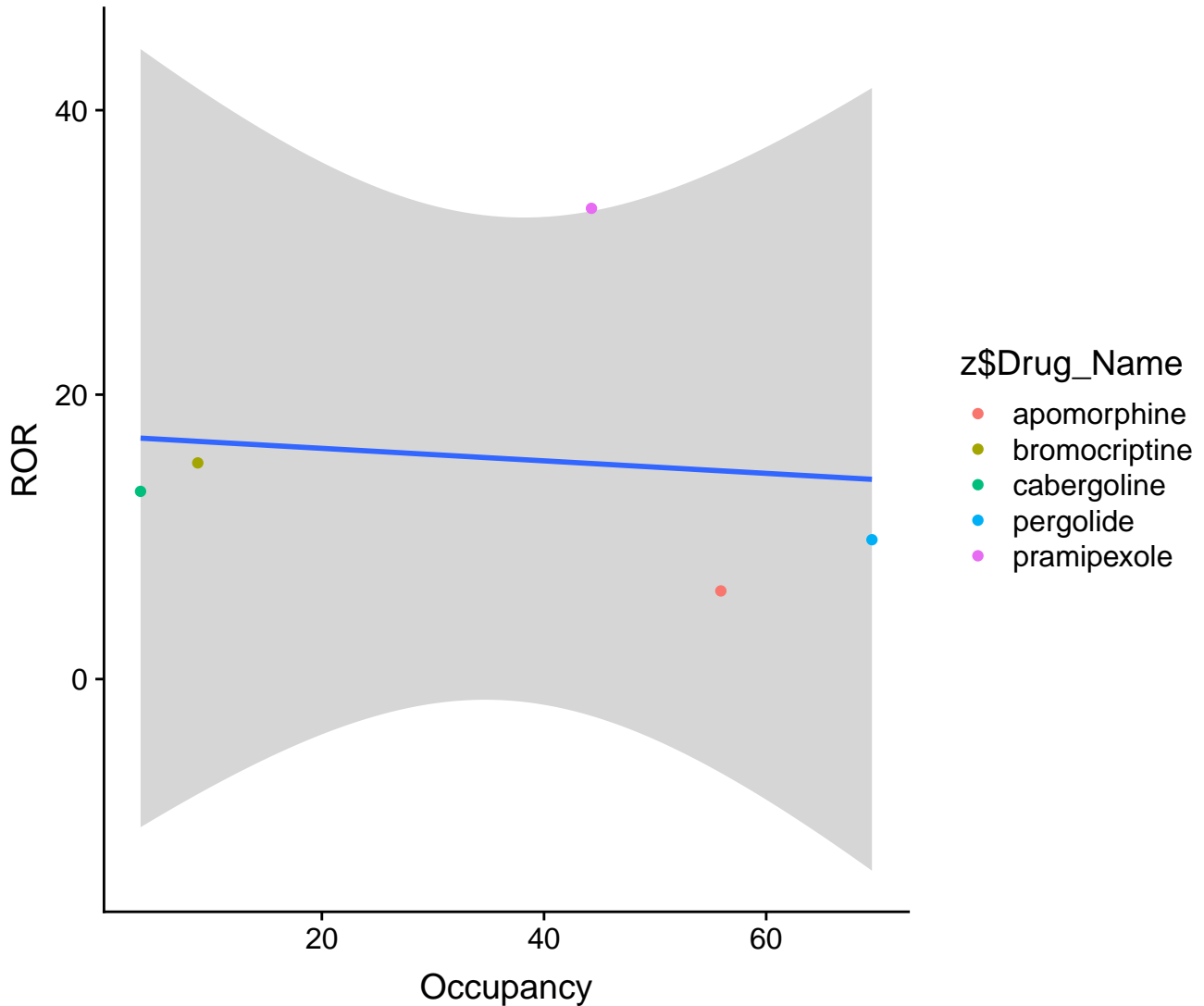Intercept: 17.38    Slope: −0.1    SE: 0.01    p−value: 0.000996    Pearson: −0.97
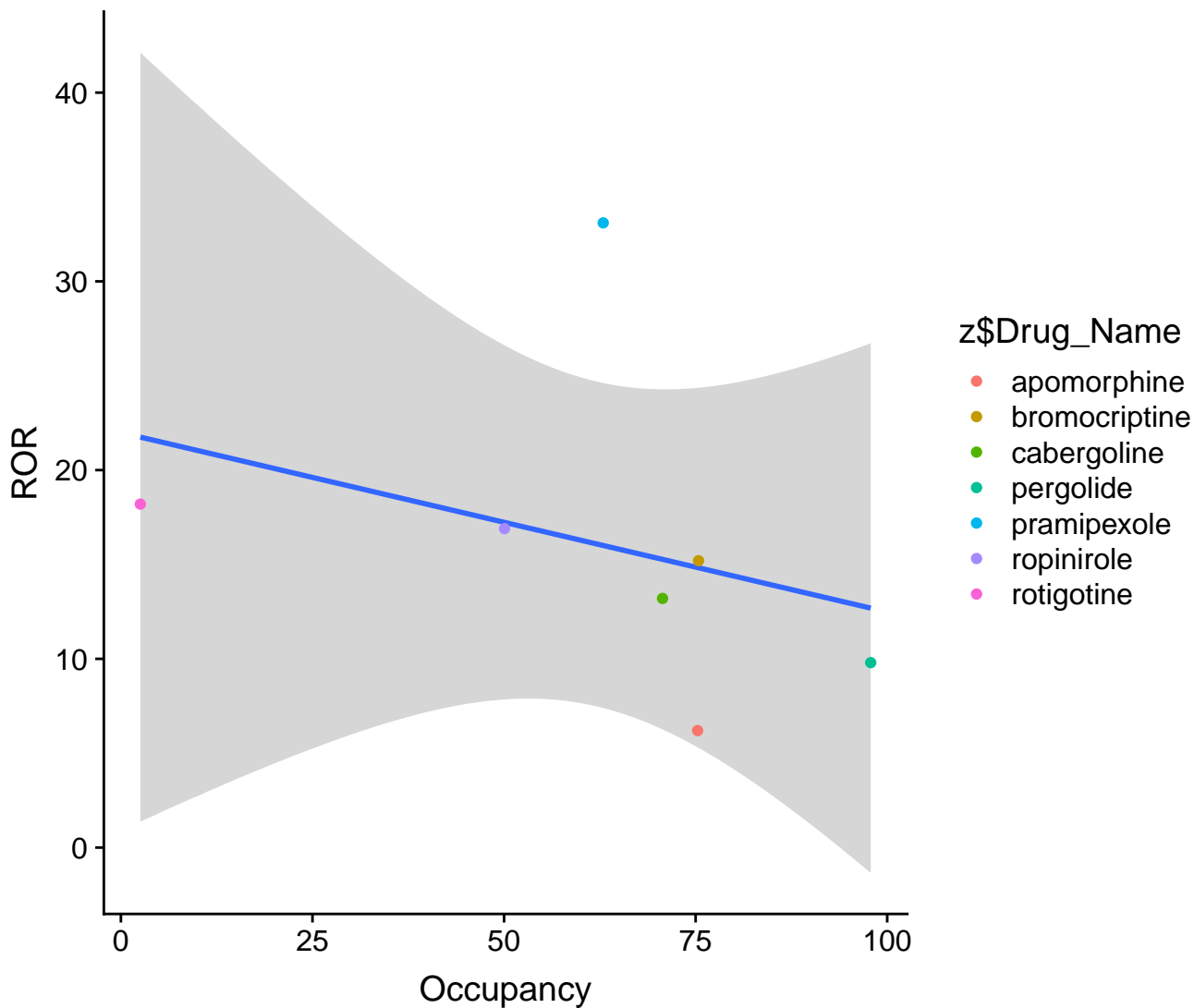
**compulsive shopping ~ 5HT1a [ Agonist ]**

Intercept: 18.08    Slope: 0.01    SE: 0.23    p–value: 0.956088    Pearson: 0.02

**compulsive shopping ~ 5HT1b [ Agonist ]**

z$Drug_Name
- apomorphine
- bromocriptine
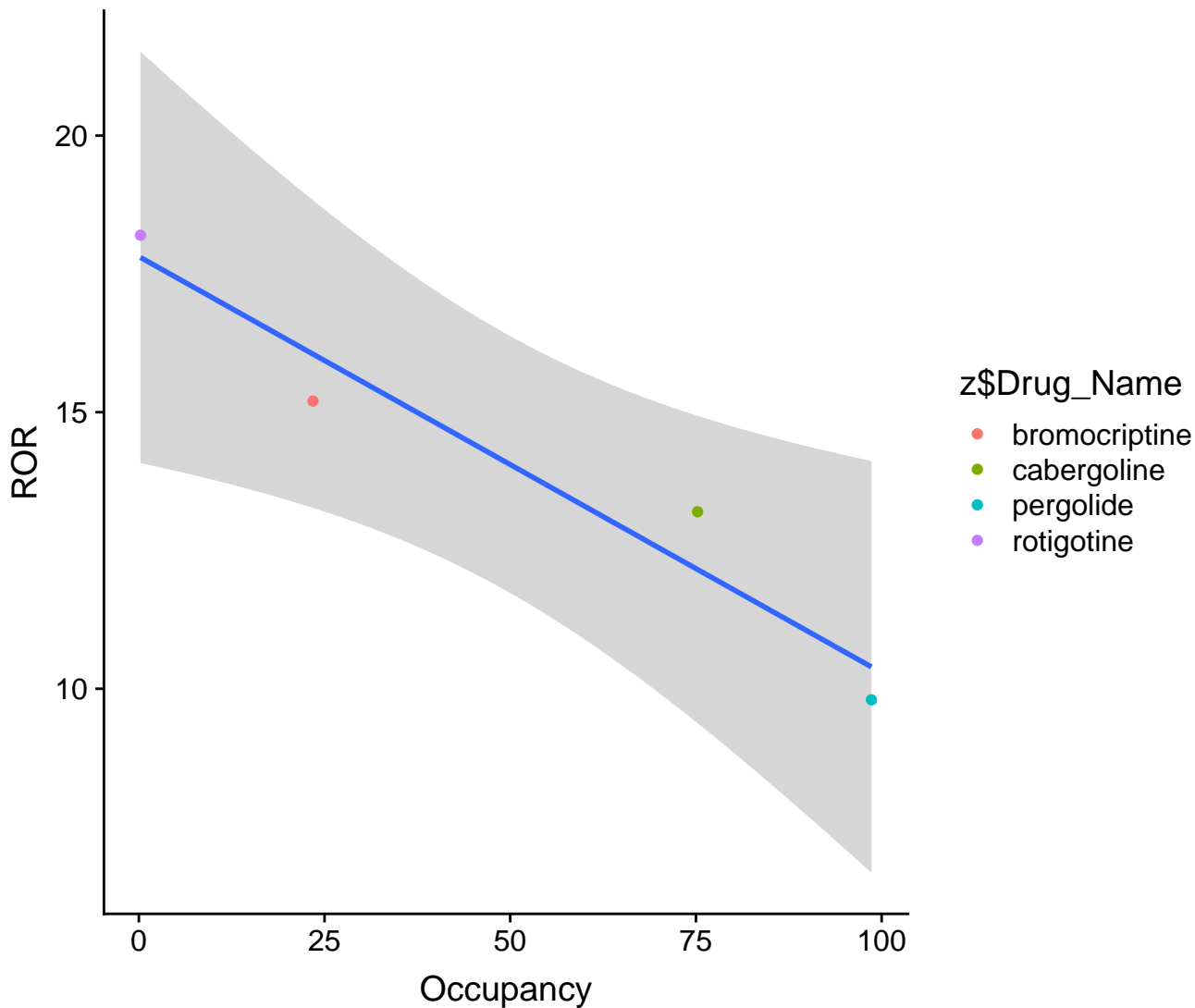- cabergoline
- pergolide
- pramipexole

Intercept: 17.1    Slope: −0.04    SE: 0.21    p−value: 0.844315    Pearson: −0.12

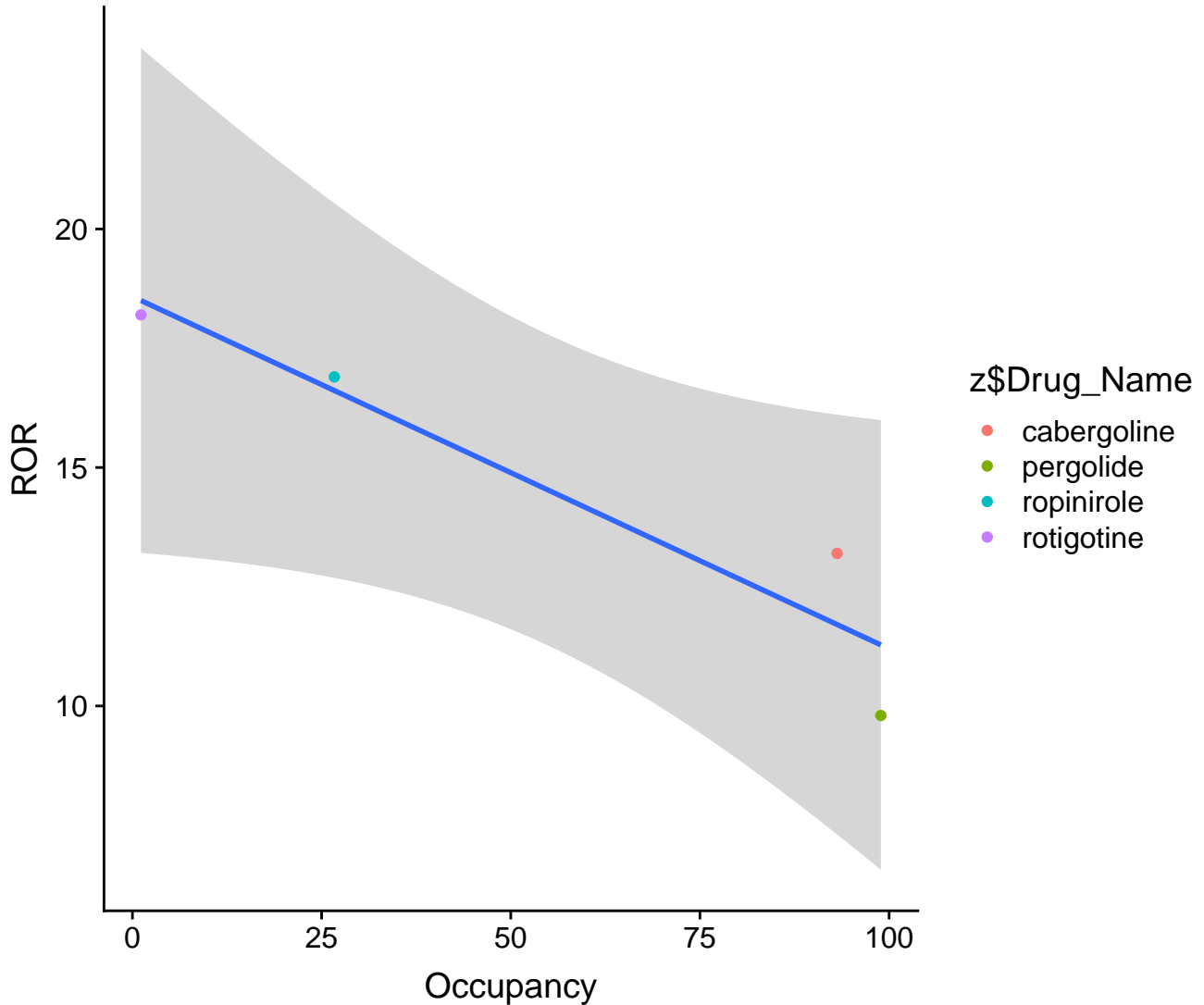**compulsive shopping ~ 5HT1d [ Agonist ]**

Intercept: 21.99   Slope: −0.1   SE: 0.12   p−value: 0.466251   Pearson: −0.33

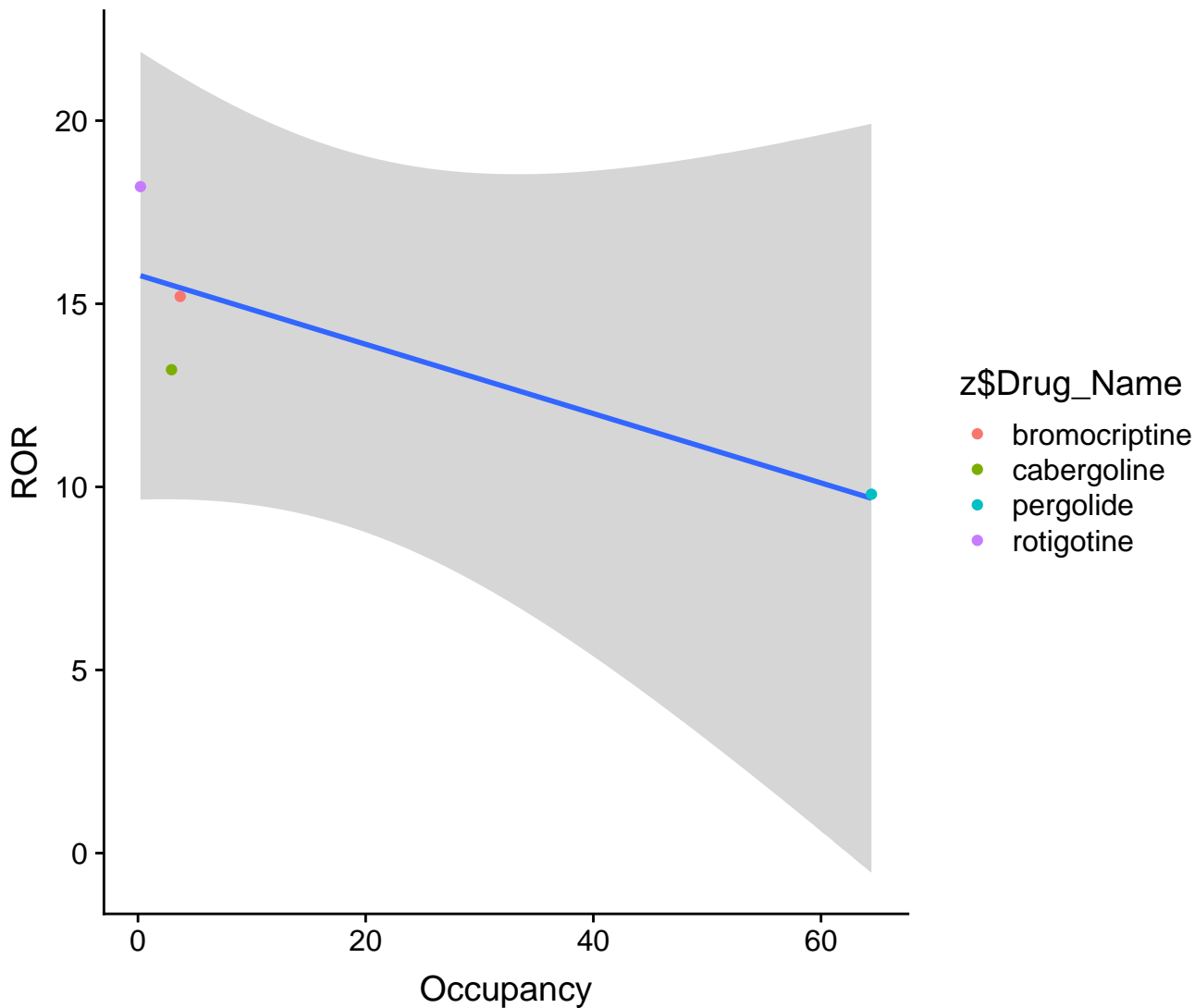# compulsive shopping ~ 5HT2a [ Agonist ]



Intercept: 17.81    Slope: −0.08    SE: 0.01    p−value: 0.031721    Pearson: −0.97

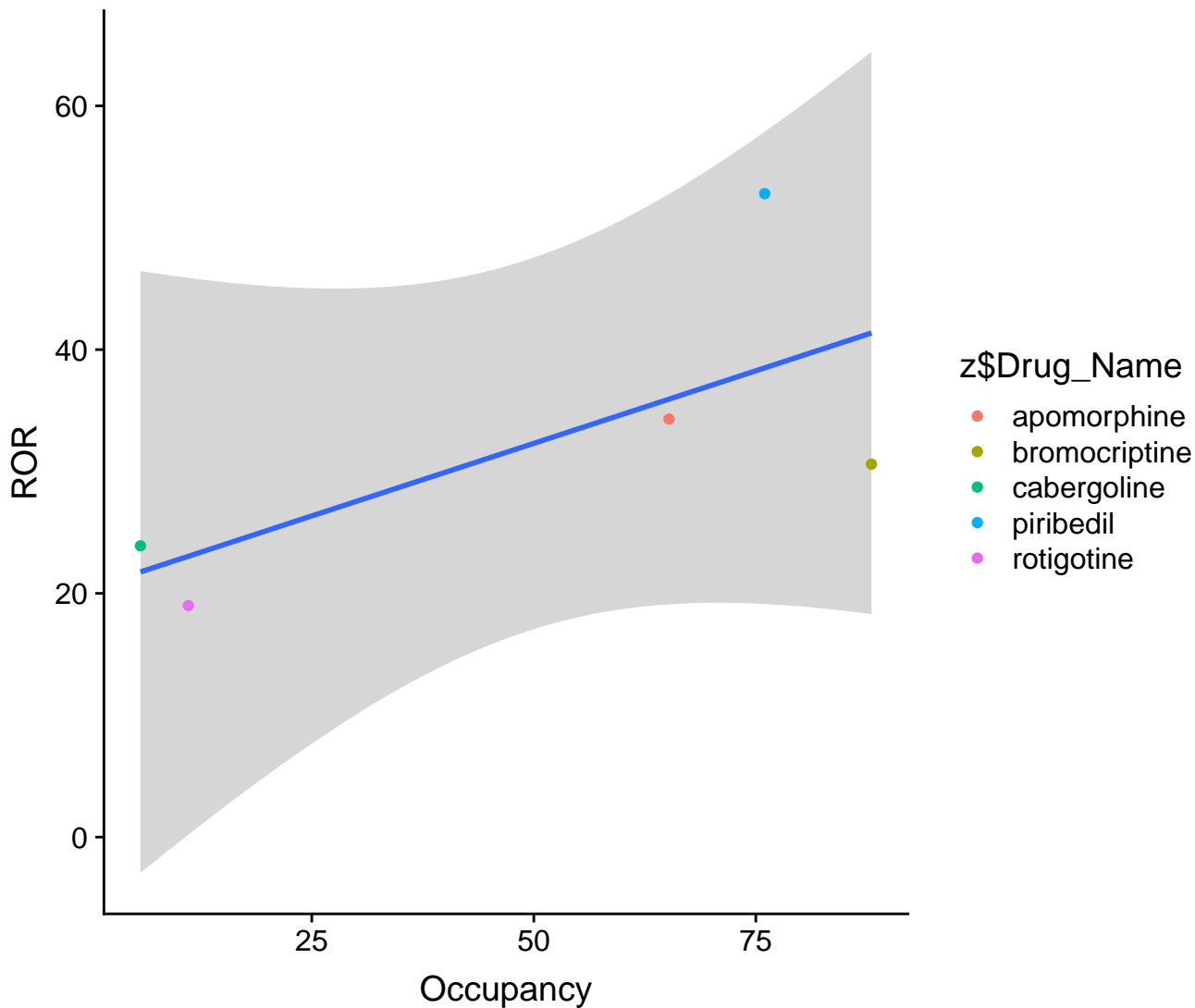**compulsive shopping ~ 5HT2b [ Agonist ]**

Intercept: 18.58    Slope: −0.07    SE: 0.02    p−value: 0.054608    Pearson: −0.95

**compulsive shopping  ~  5HT2c [ Agonist ]**

Intercept: 15.79    Slope: −0.09    SE: 0.04    p−value: 0.165286    Pearson: −0.83

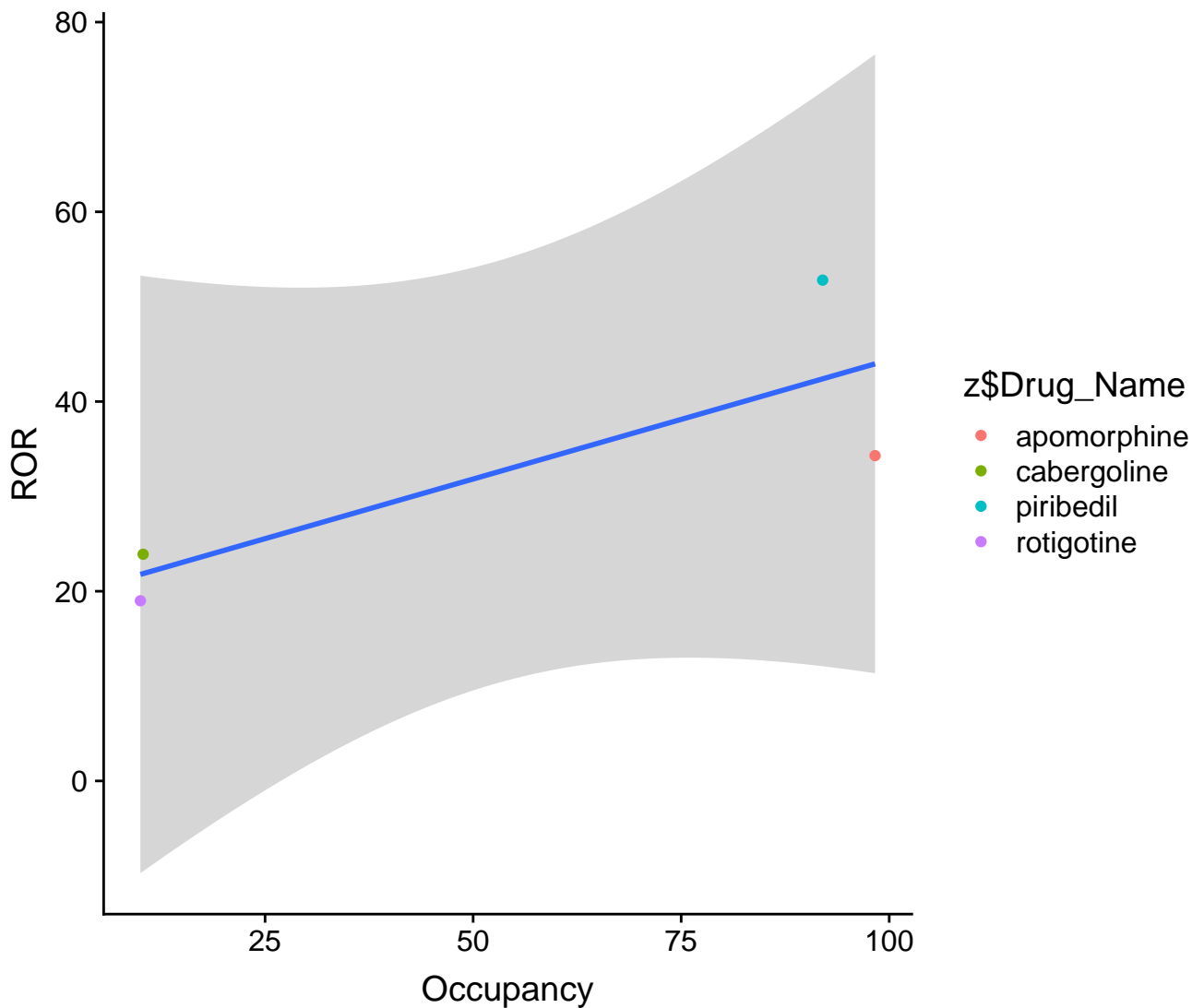**hypersexuality ~ ADRA1a [ Antagonist ]**

ROR

Occupancy

z$Drug_Name

- apomorphine
- bromocriptine
- cabergoline
- piribedil
- rotigotine

Intercept: 20.4    Slope: 0.24    SE: 0.14    p–value: 0.188092    Pearson: 0.7

**hypersexuality ~ ADRA1b [ Antagonist ]**

z$Drug_Name
- apomorphine
- bromocriptine
- cabergoline
- piribedil
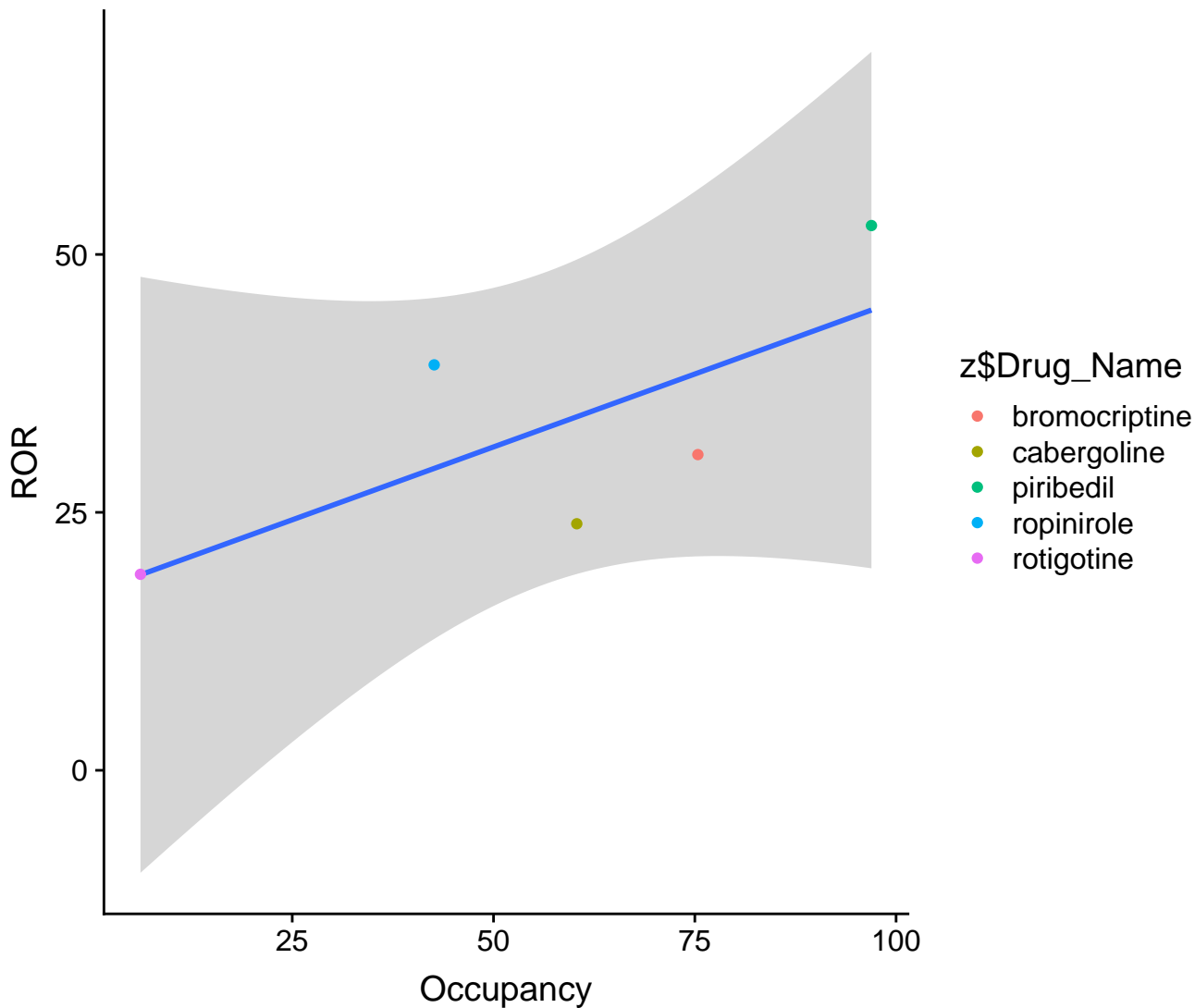- rotigotine
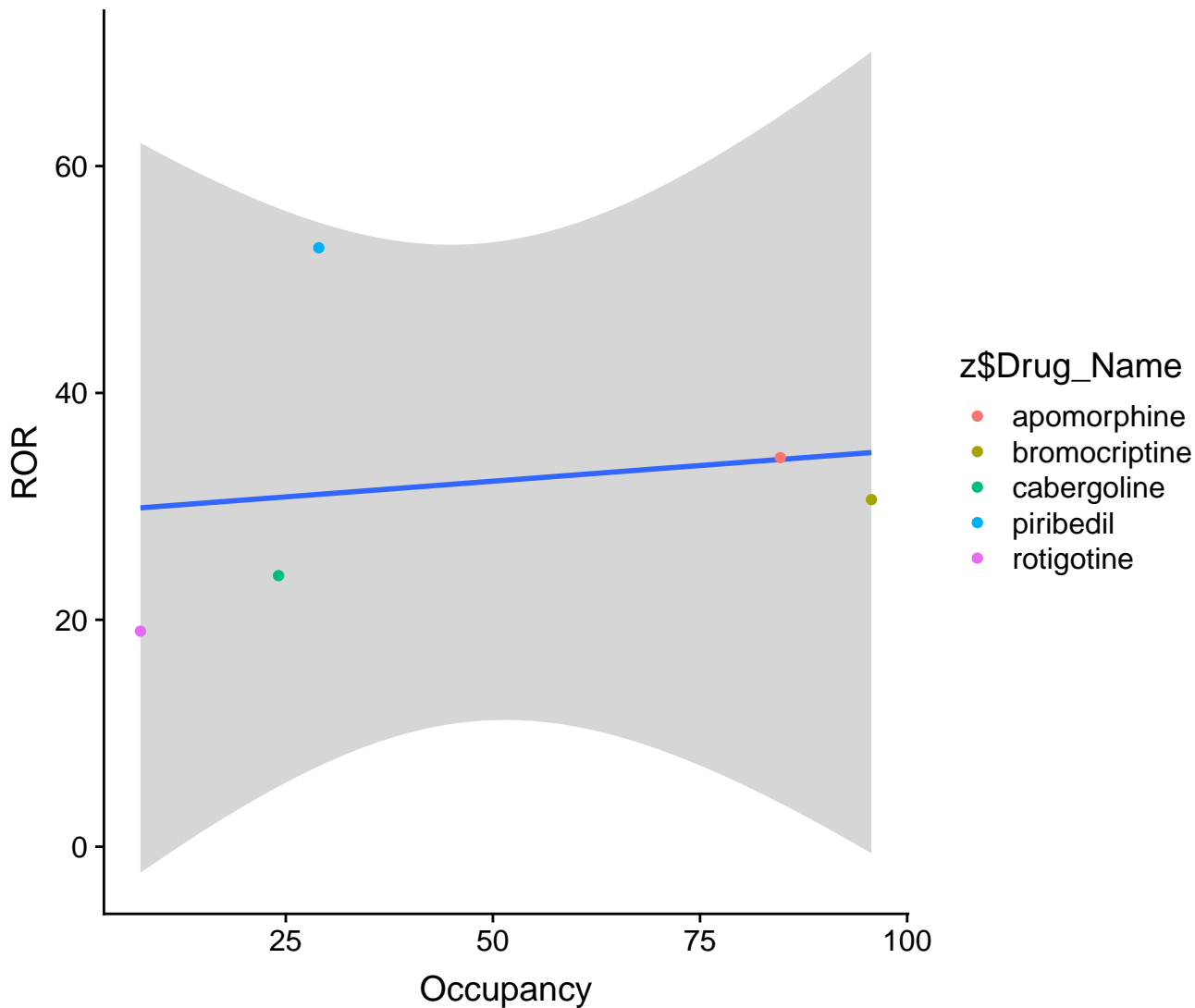
Intercept: 29.46    Slope: 0.06    SE: 0.19    p–value: 0.787769    Pearson: 0.17

# hypersexuality ~ ADRA1d [ Antagonist ]
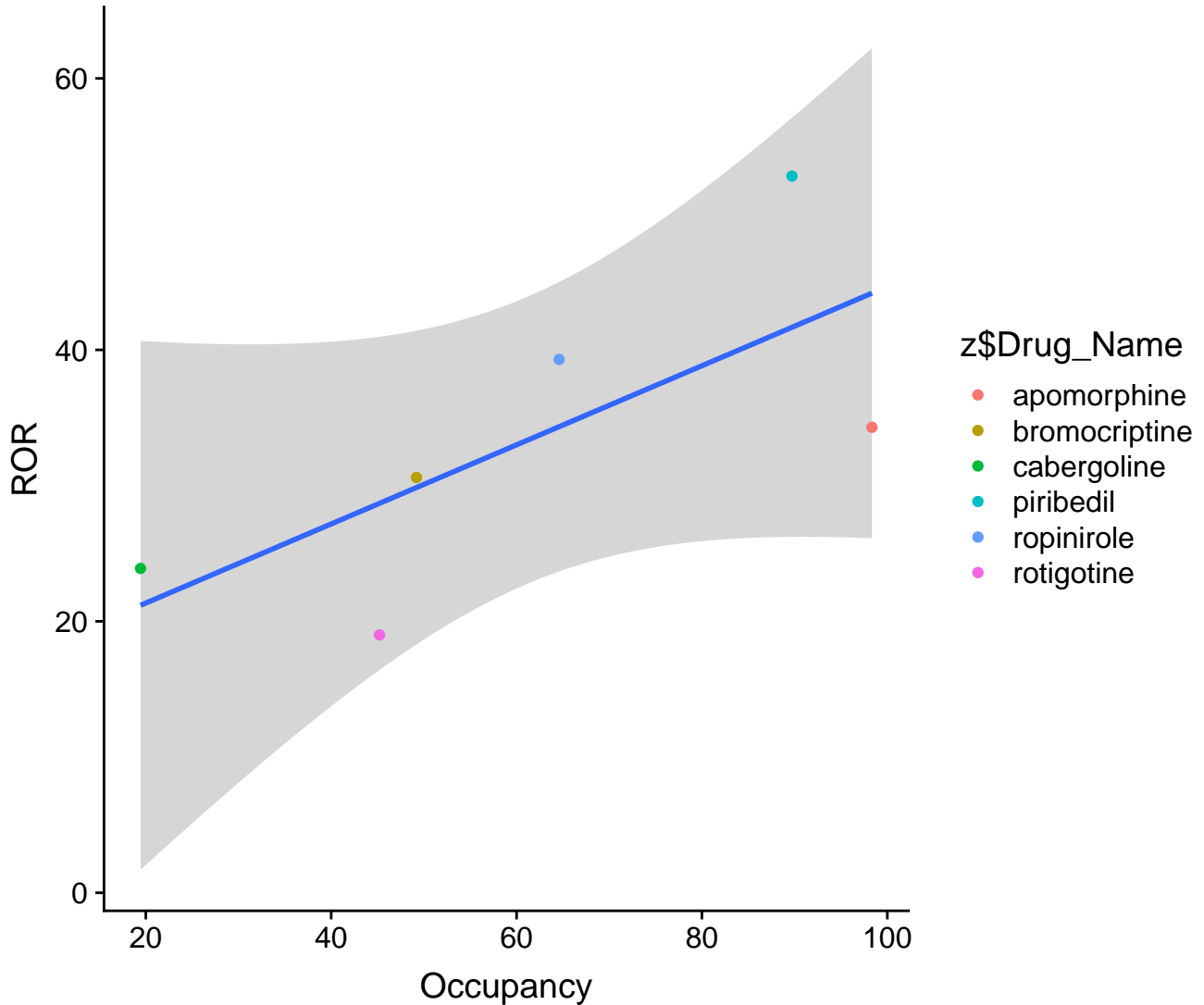


Intercept: 19.26    Slope: 0.25    SE: 0.12    p–value: 0.174419    Pearson: 0.83
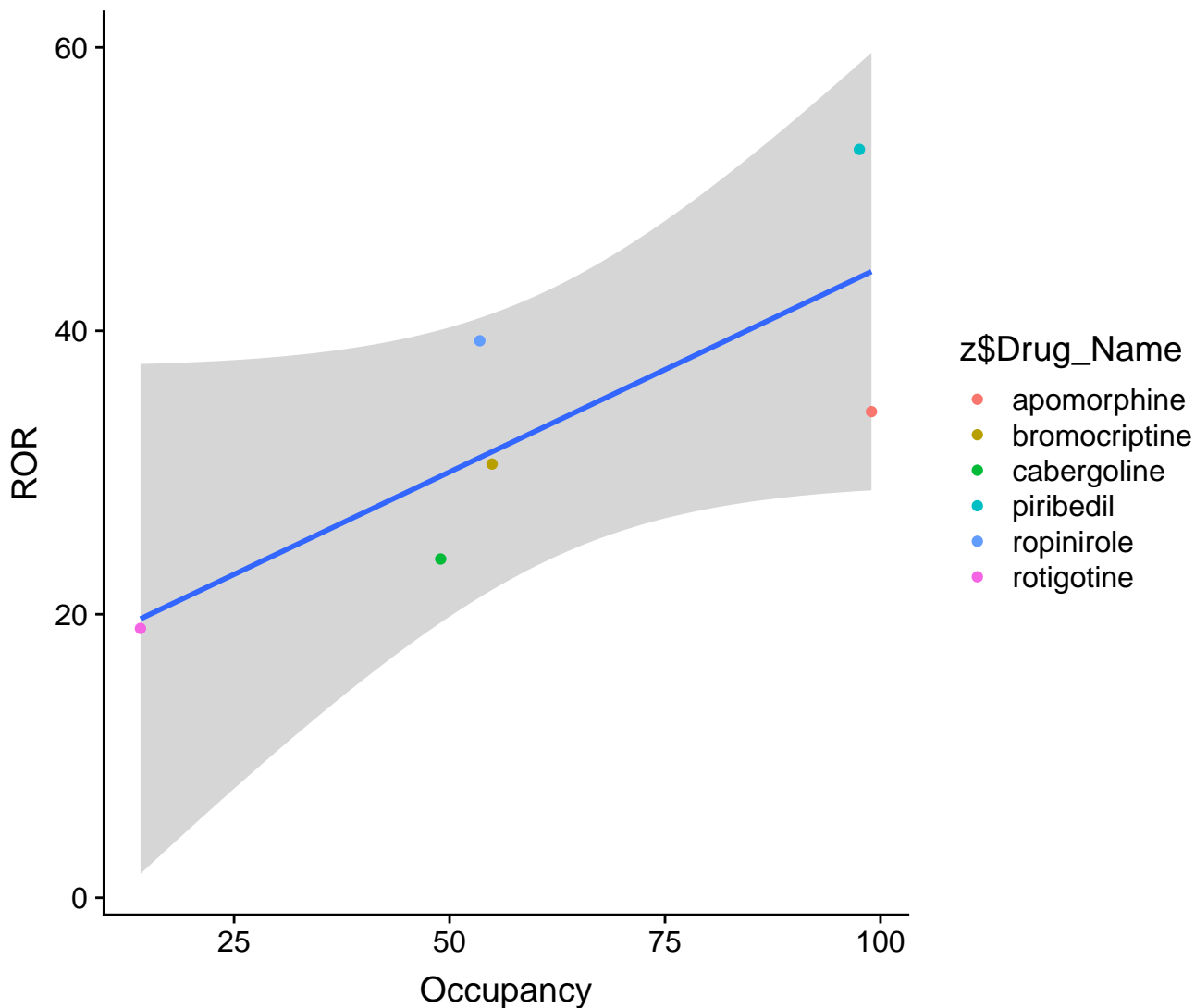
**hypersexuality ~ ADRA2a [ Antagonist ]**

Intercept: 17.21    Slope: 0.28    SE: 0.15    p–value: 0.164298    Pearson: 0.73

**hypersexuality ~ ADRA2b [ Antagonist ]**

z$Drug_Name
- apomorphine
- bromocriptine
- cabergoline
- piribedil
- ropinirole
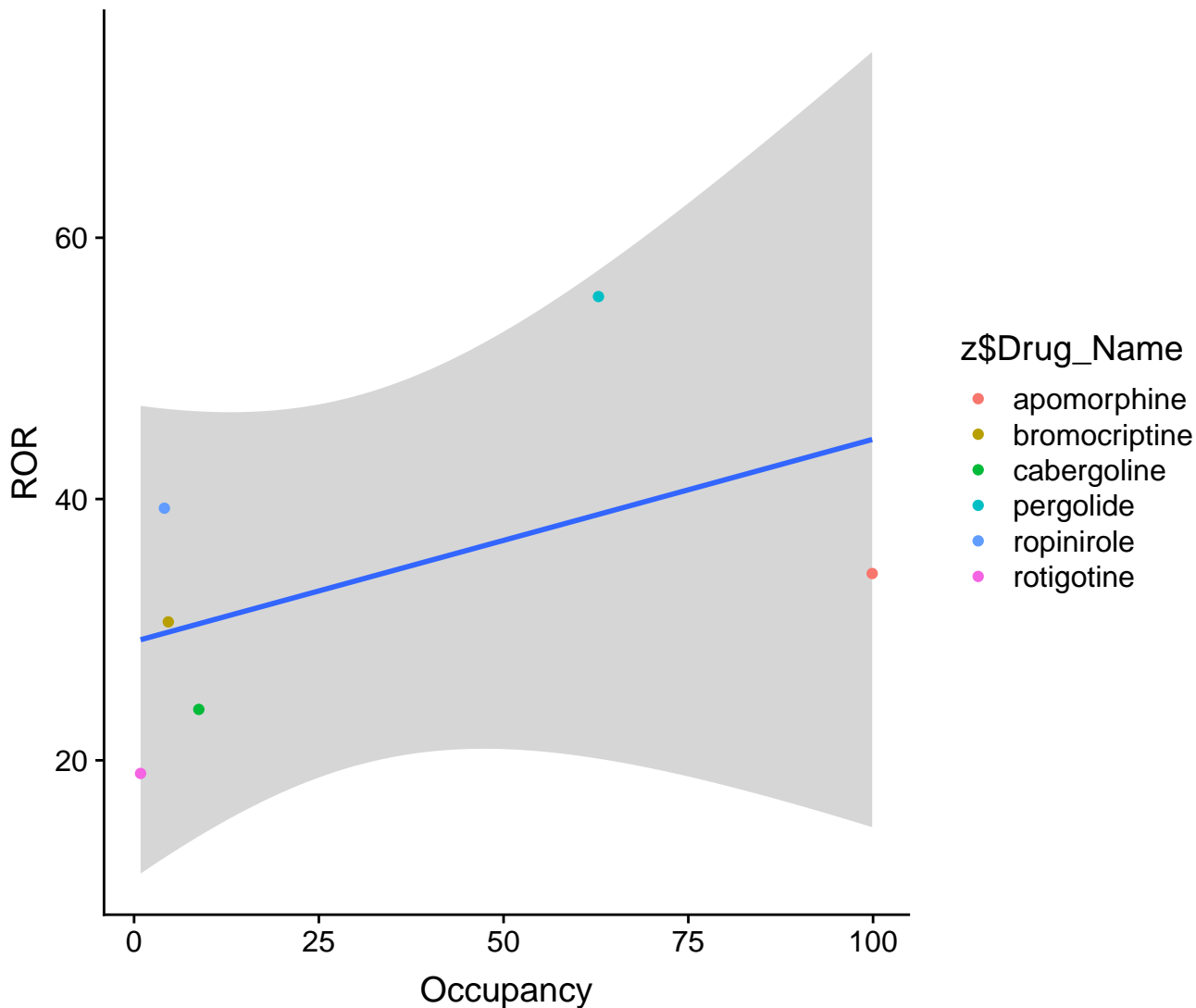- rotigotine

Intercept: 15.52    Slope: 0.29    SE: 0.14    p–value: 0.108467    Pearson: 0.72

**hypersexuality  ~  ADRA2c [ Antagonist ]**

Intercept: 15.59    Slope: 0.29    SE: 0.12    p–value: 0.068049    Pearson: 0.78

# hypersexuality ~ D1 [ Agonist ]



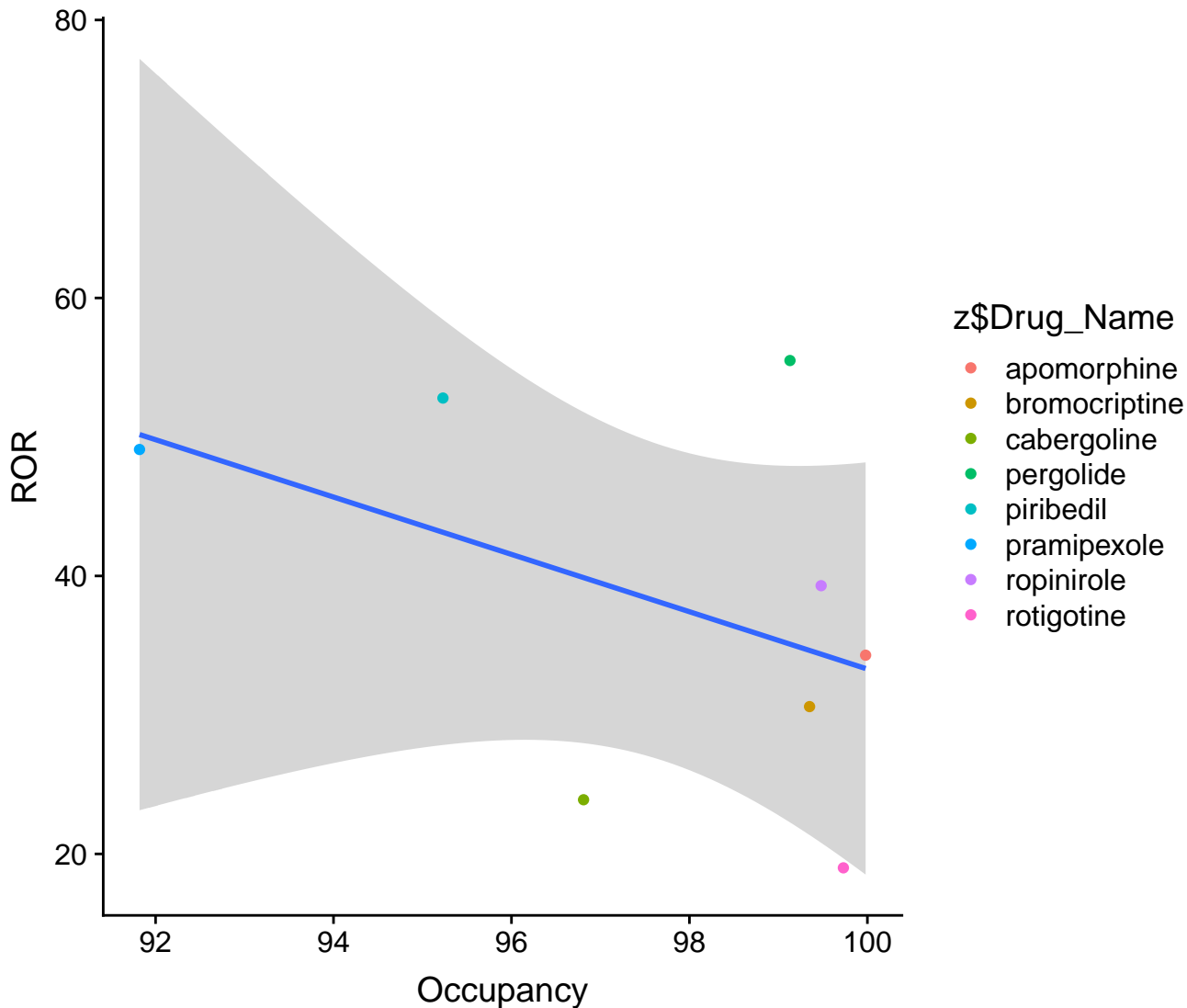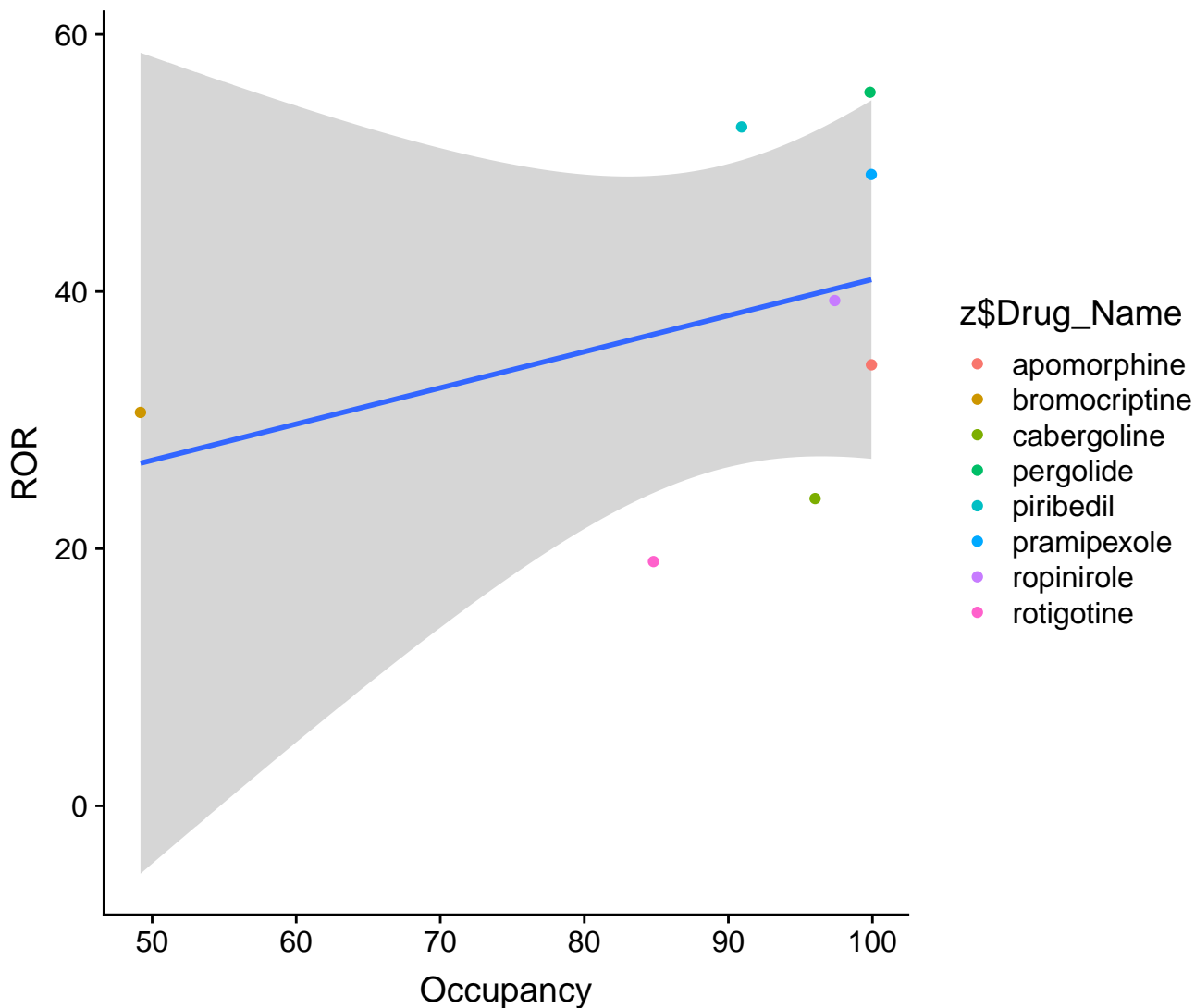Intercept: 29.09     Slope: 0.15     SE: 0.13     p–value: 0.314721     Pearson: 0.5

**hypersexuality ~ D2 [ Agonist ]**

Intercept: 239.61    Slope: −2.06    SE: 1.71    p−value: 0.27267    Pearson: −0.44

# hypersexuality ~ D3 [ Agonist ]



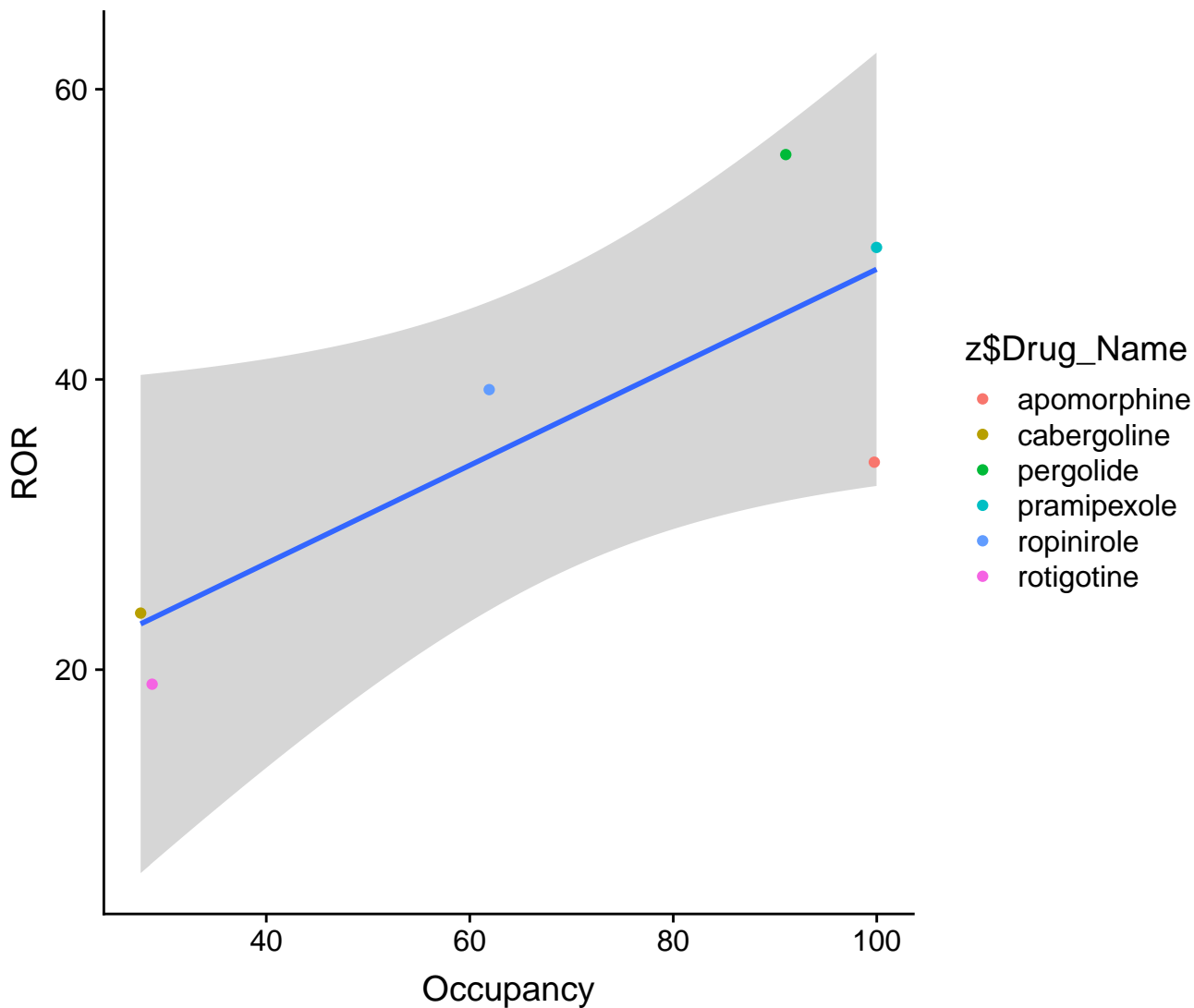Intercept: 12.8    Slope: 0.28    SE: 0.3    p–value: 0.3828    Pearson: 0.36

**hypersexuality ~ D4 [ Agonist ]**

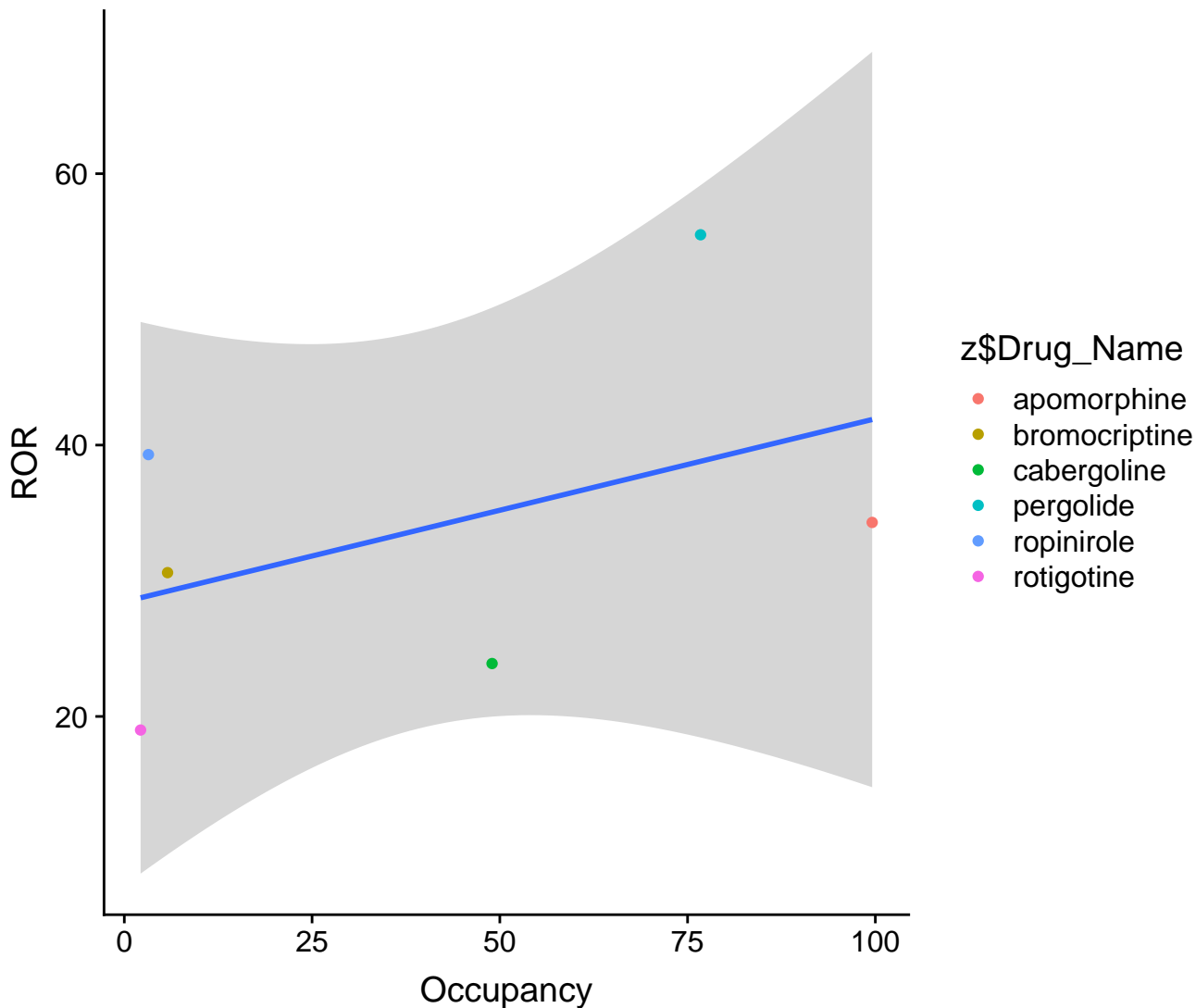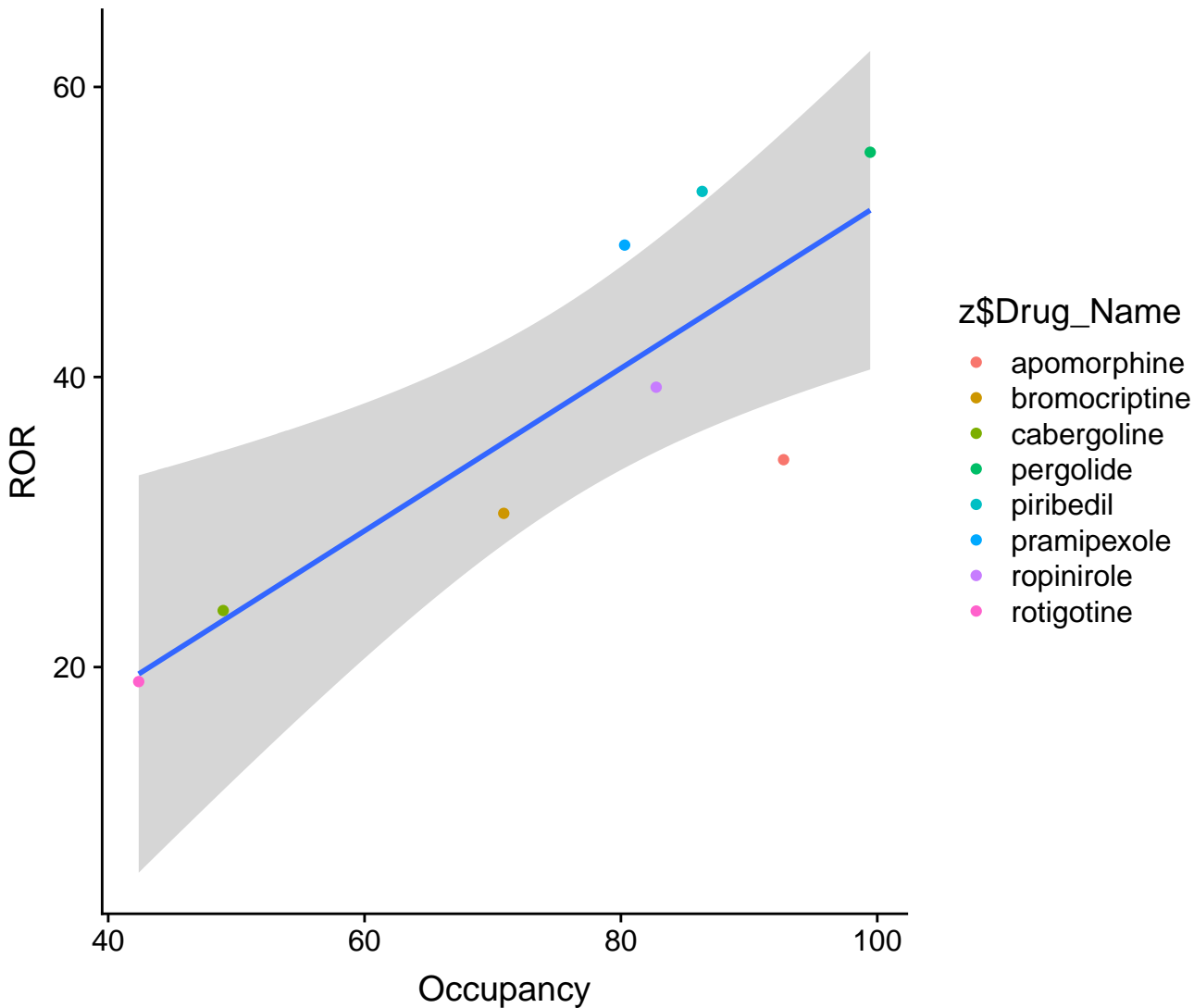Intercept: 13.81    Slope: 0.34    SE: 0.12    p-value: 0.0493    Pearson: 0.81
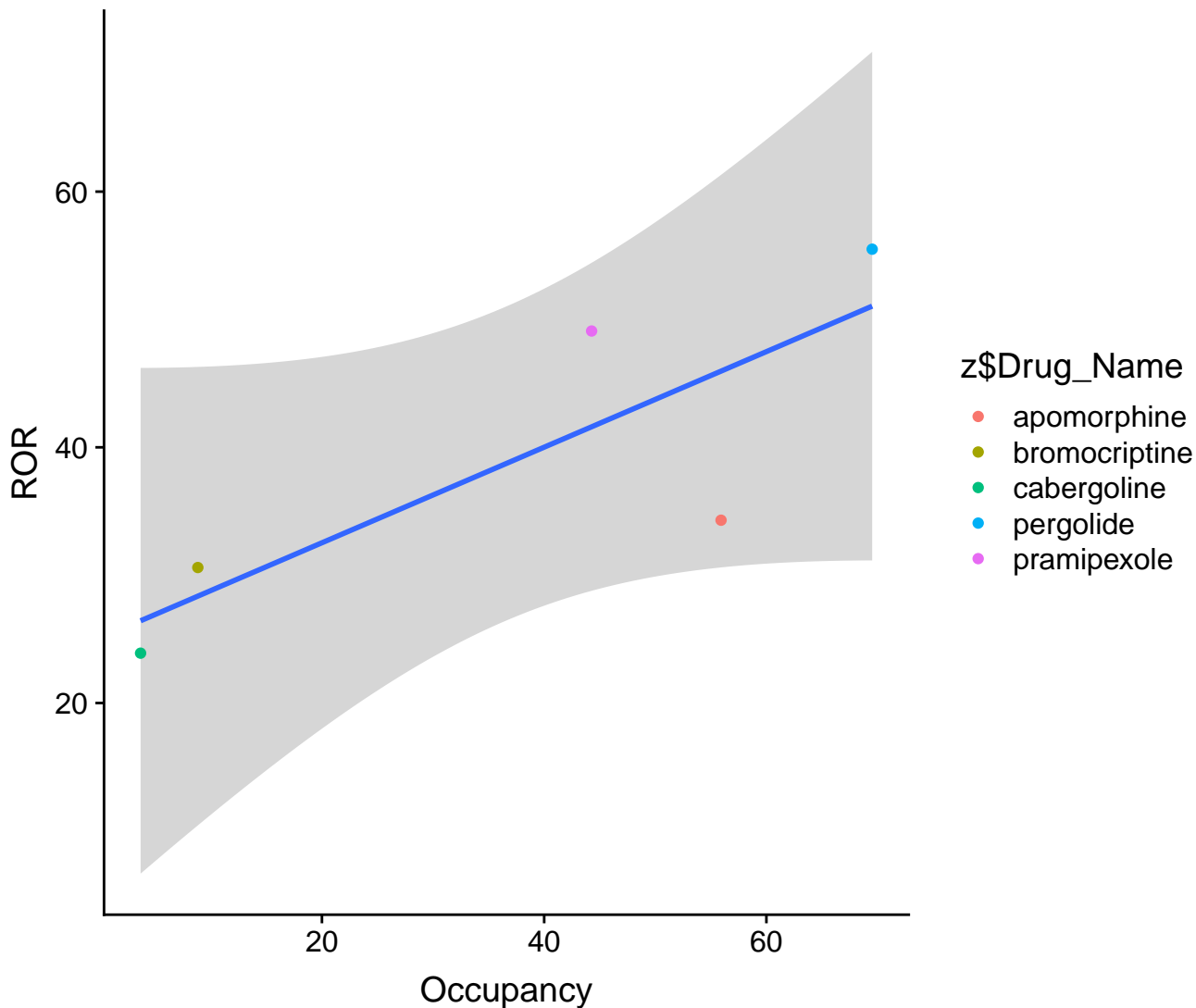
**hypersexuality ~ D5 [ Agonist ]**

Intercept: 28.45    Slope: 0.13    SE: 0.14    p–value: 0.379129    Pearson: 0.44

**hypersexuality ~ 5HT1a [ Agonist ]**

z$Drug_Name
- apomorphine
- bromocriptine
- cabergoline
- pergolide
- piribedil
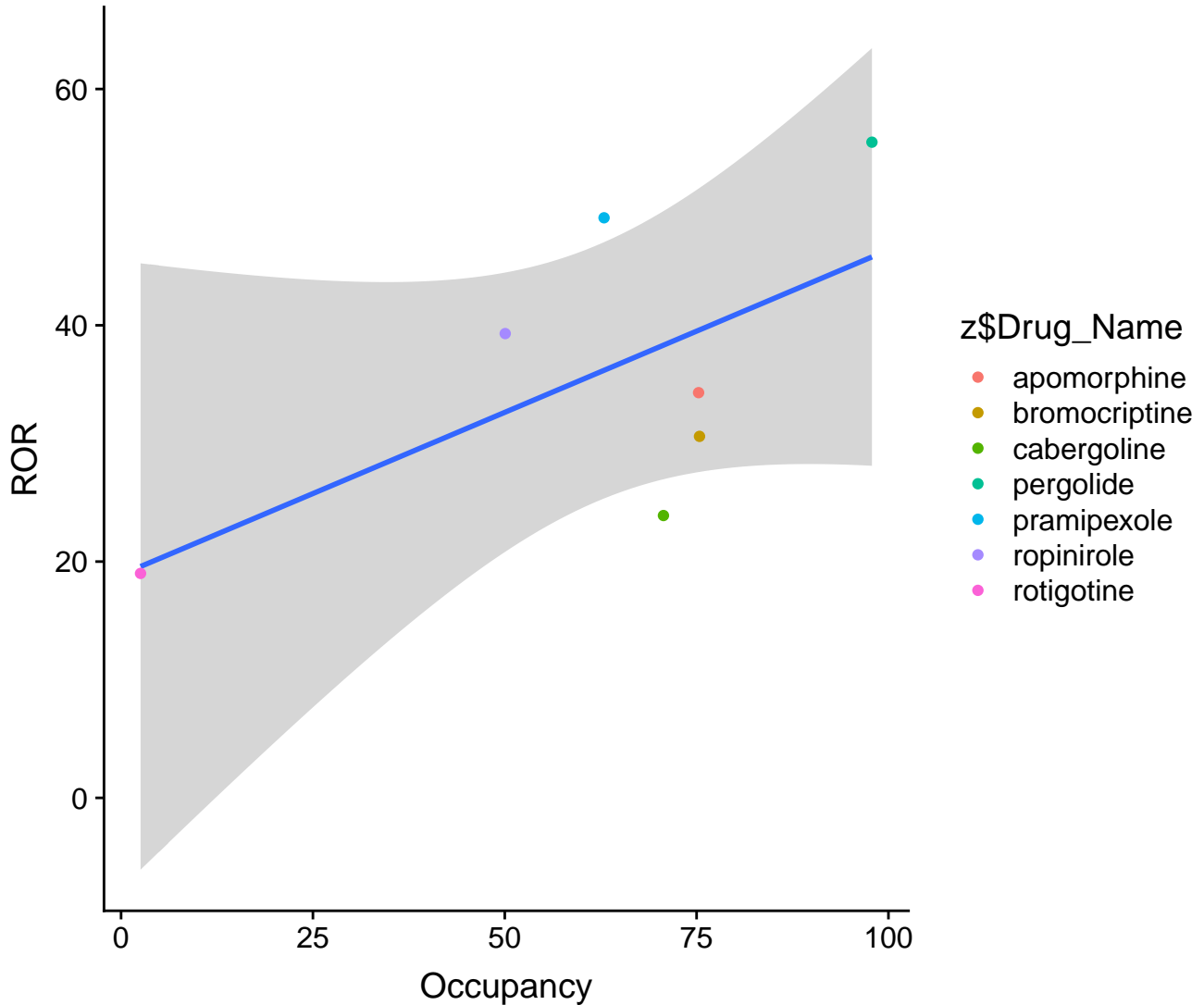- pramipexole
- ropinirole
- rotigotine

Intercept: −4.22    Slope: 0.56    SE: 0.15    p−value: 0.008781    Pearson: 0.84

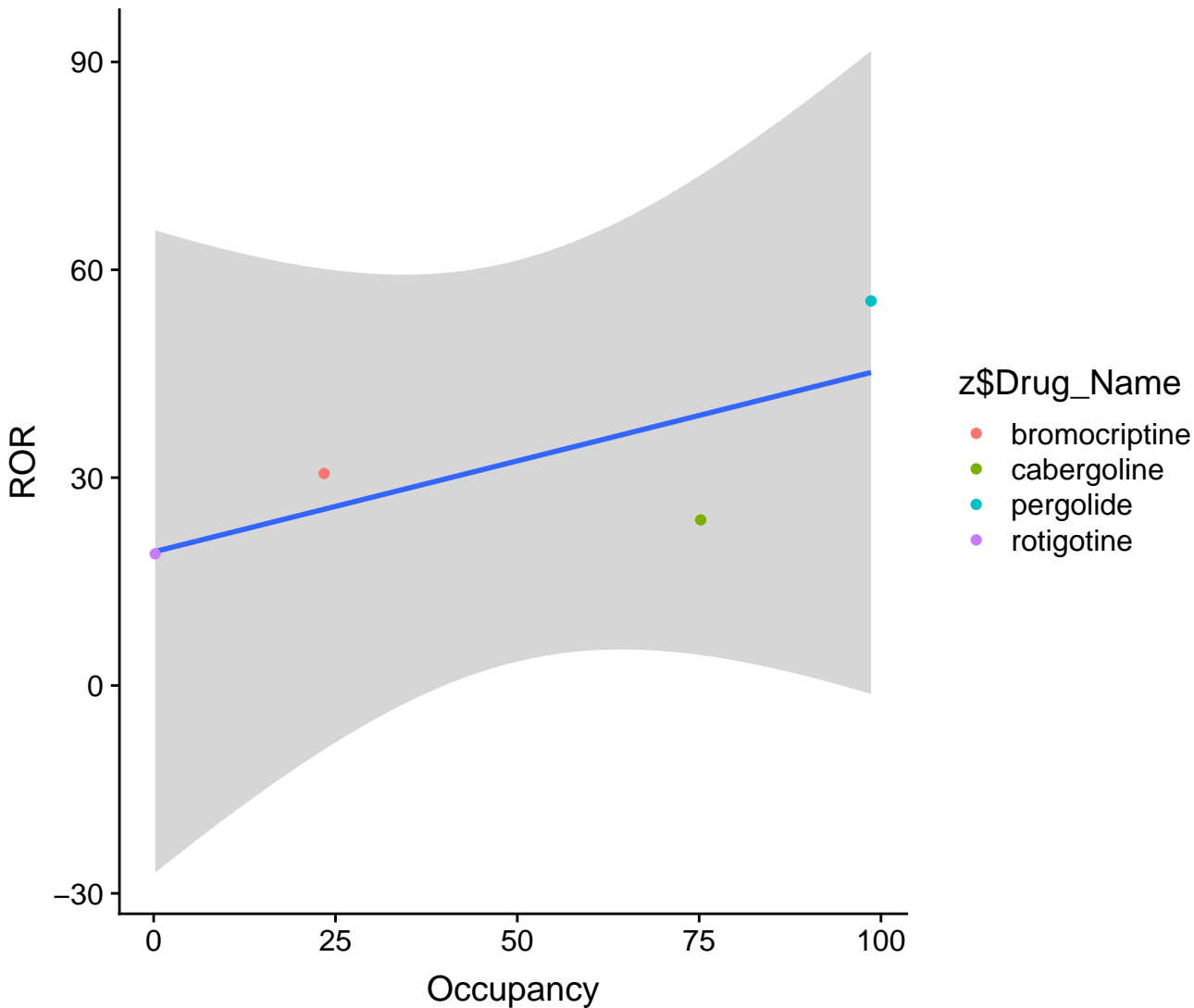**hypersexuality ~ 5HT1b [ Agonist ]**

Intercept: 25.06    Slope: 0.37    SE: 0.15    p–value: 0.086576    Pearson: 0.82

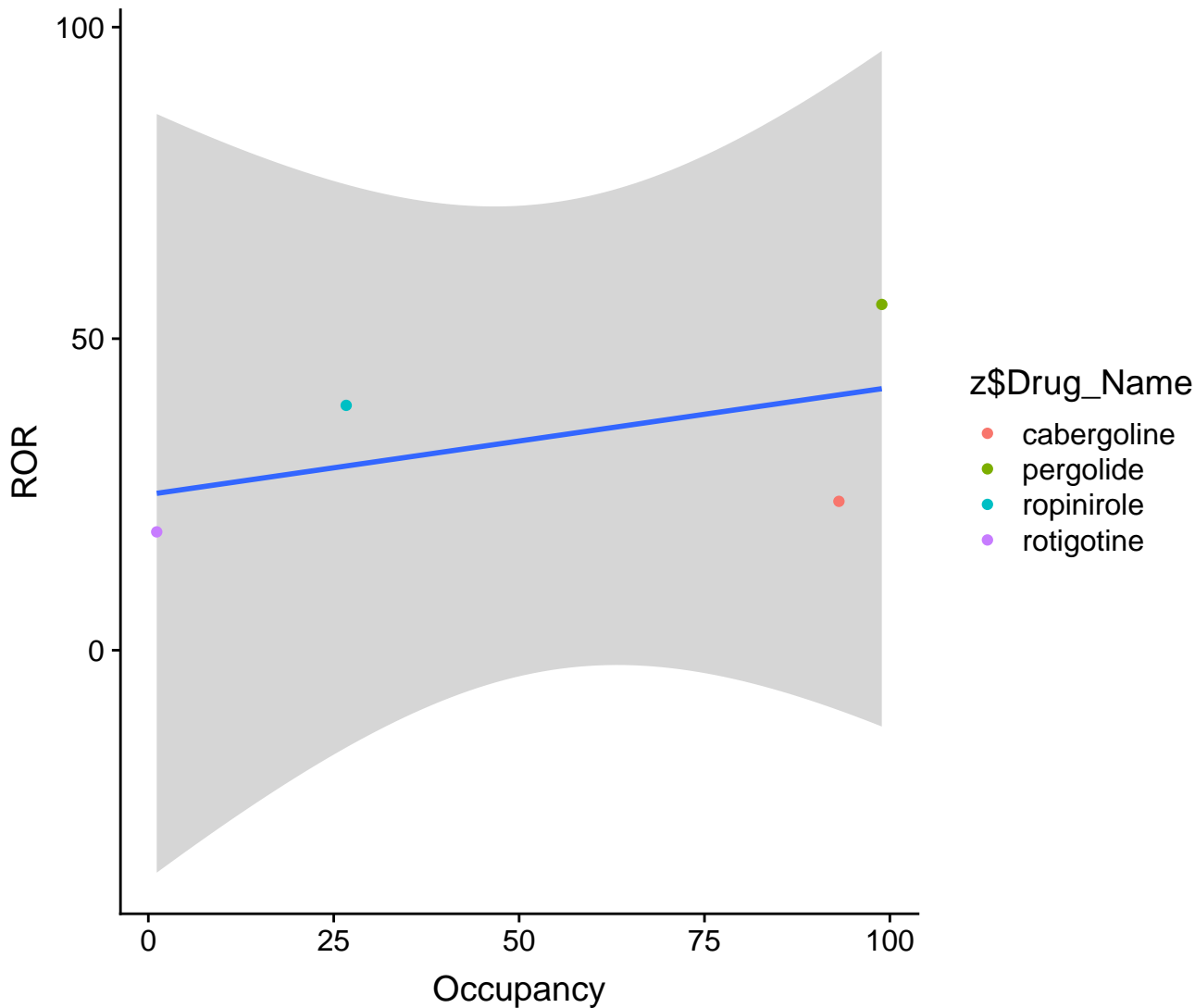**hypersexuality ~ 5HT1d [ Agonist ]**

Intercept: 18.88    Slope: 0.27    SE: 0.15    p–value: 0.130127    Pearson: 0.63

**hypersexuality ~ 5HT2a [ Agonist ]**
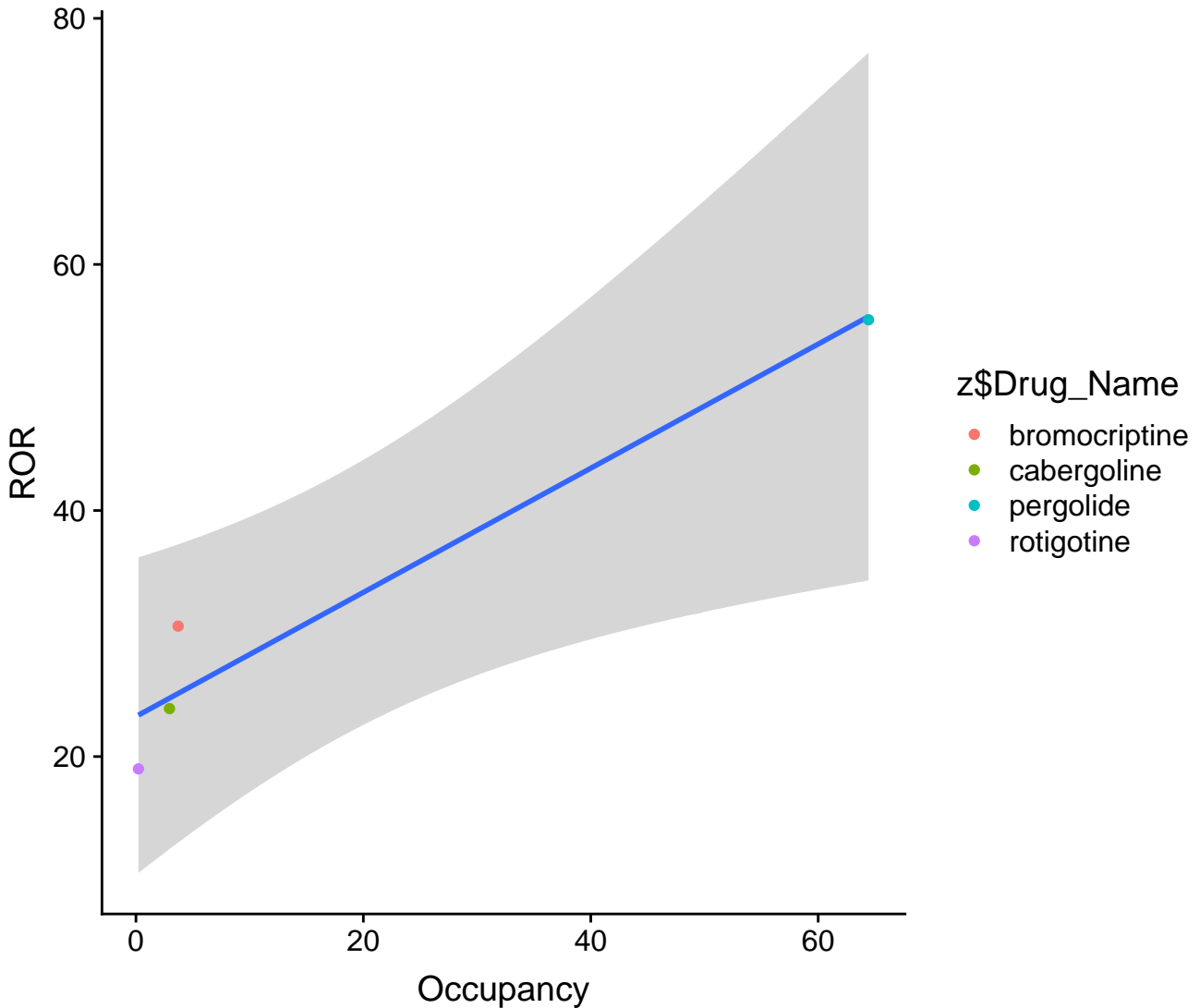
Intercept: 19.28    Slope: 0.26    SE: 0.17    p–value: 0.26476    Pearson: 0.74

**hypersexuality ~ 5HT2b [ Agonist ]**

Intercept: 24.99    Slope: 0.17    SE: 0.21    p–value: 0.494096    Pearson: 0.51

**hypersexuality ~ 5HT2c [ Agonist ]**
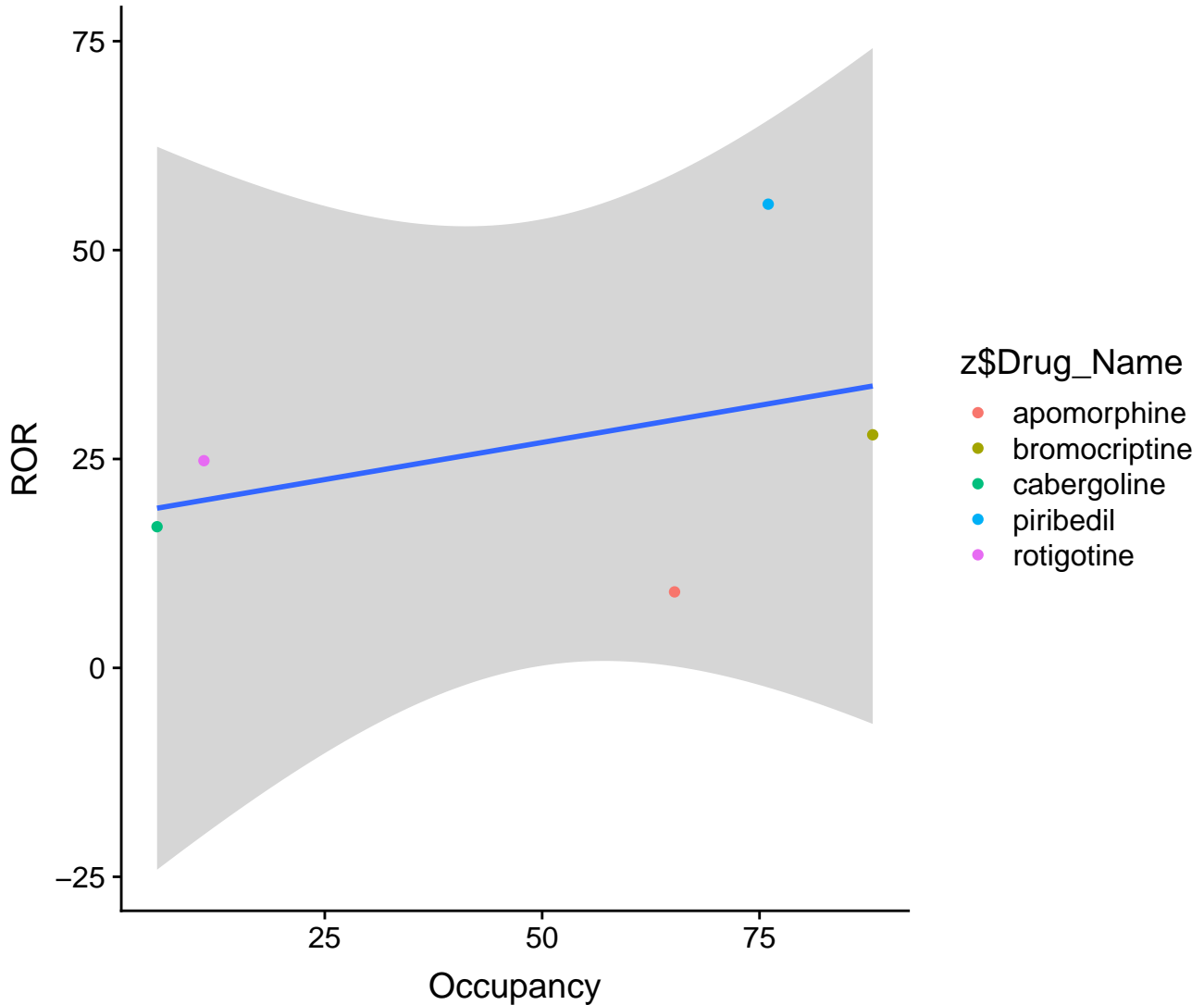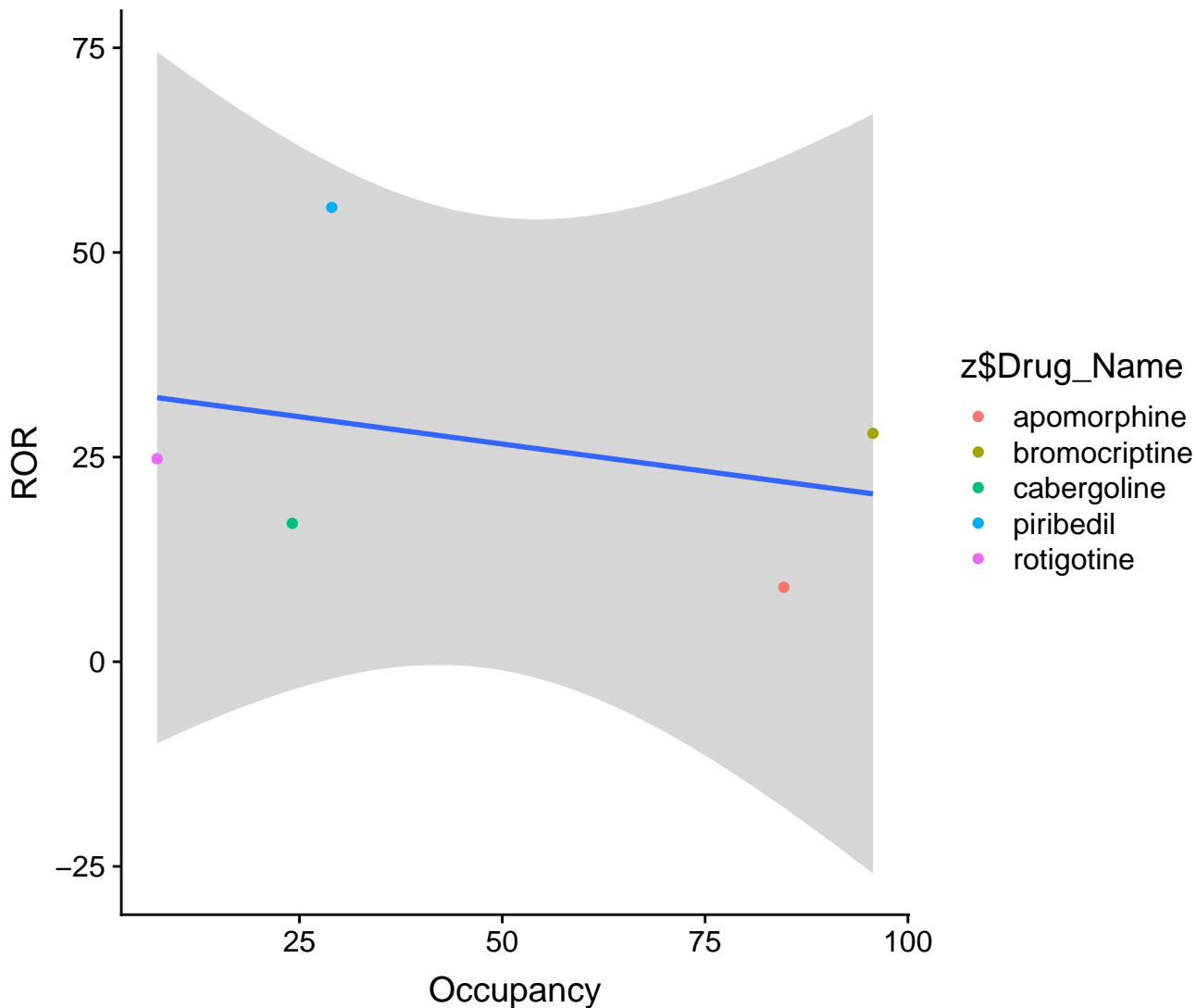
Intercept: 23.26    Slope: 0.5    SE: 0.09    p–value: 0.032089    Pearson: 0.97

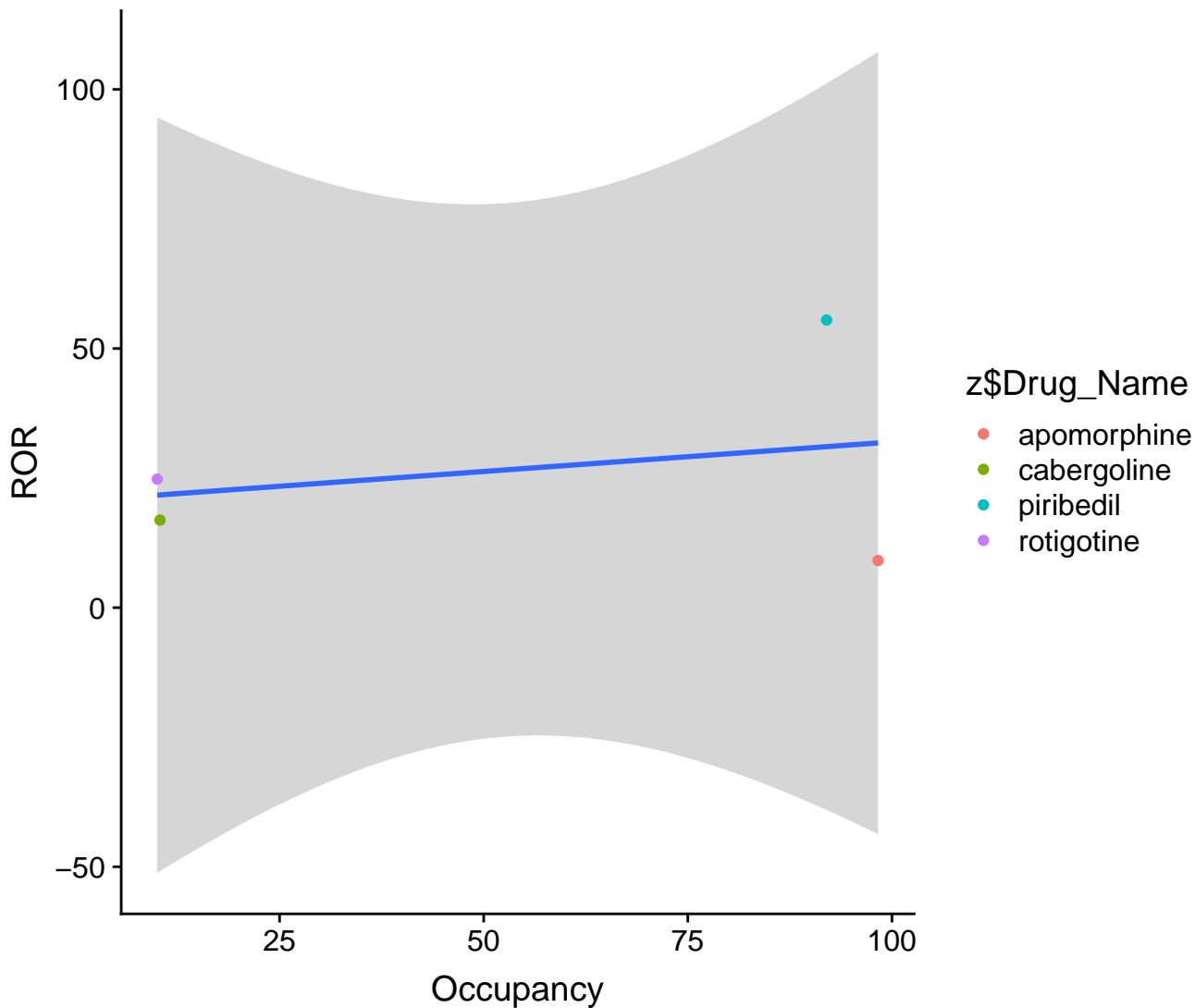**impulse−control disorder ~ ADRA1a [ Antagonist ]**

Intercept: 18.1    Slope: 0.18    SE: 0.25    p−value: 0.522166    Pearson: 0.39

# impulse−control disorder ~ ADRA1b [ Antagonist ]
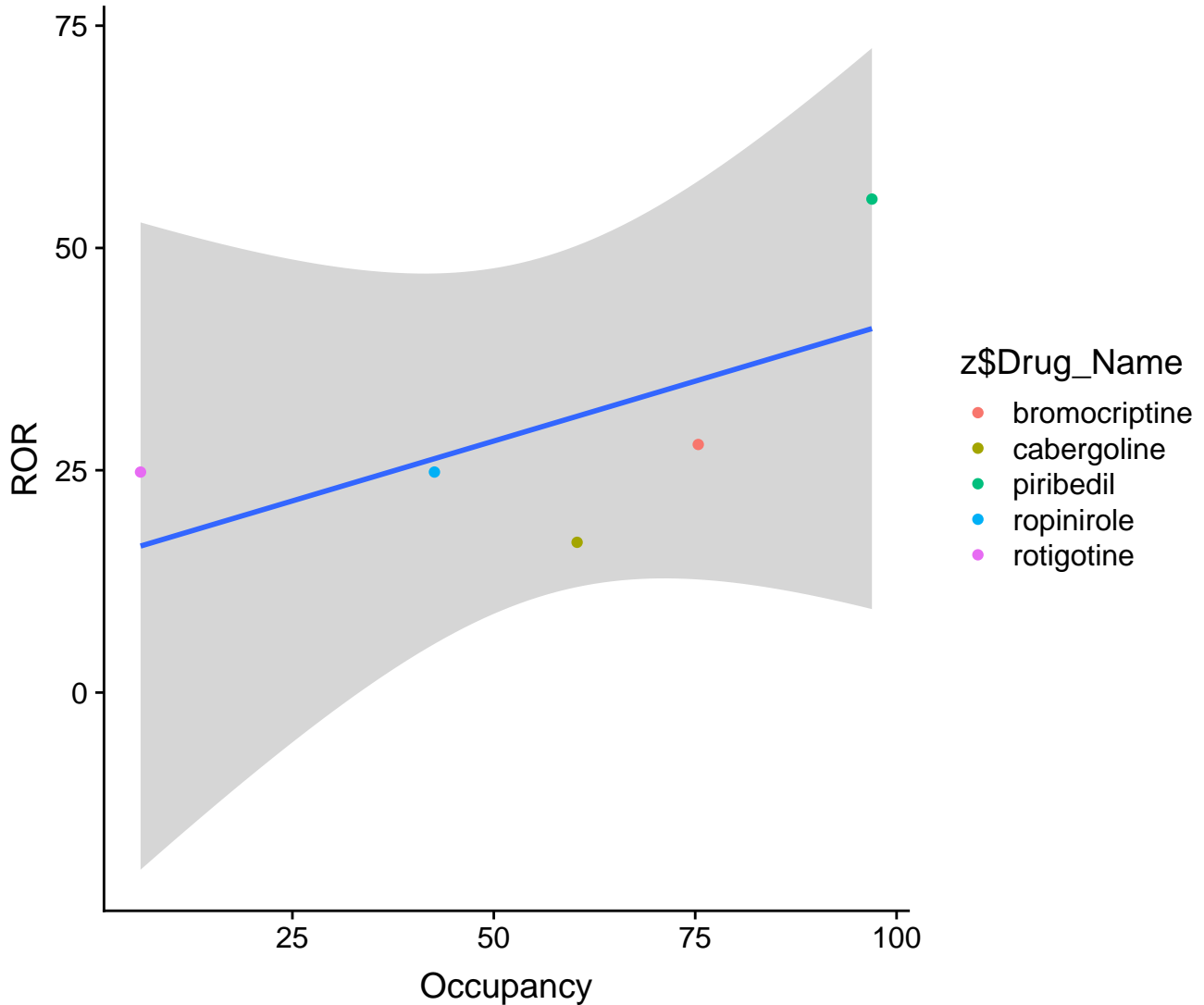


Intercept: 33.26    Slope: −0.13    SE: 0.25    p−value: 0.626511    Pearson: −0.3

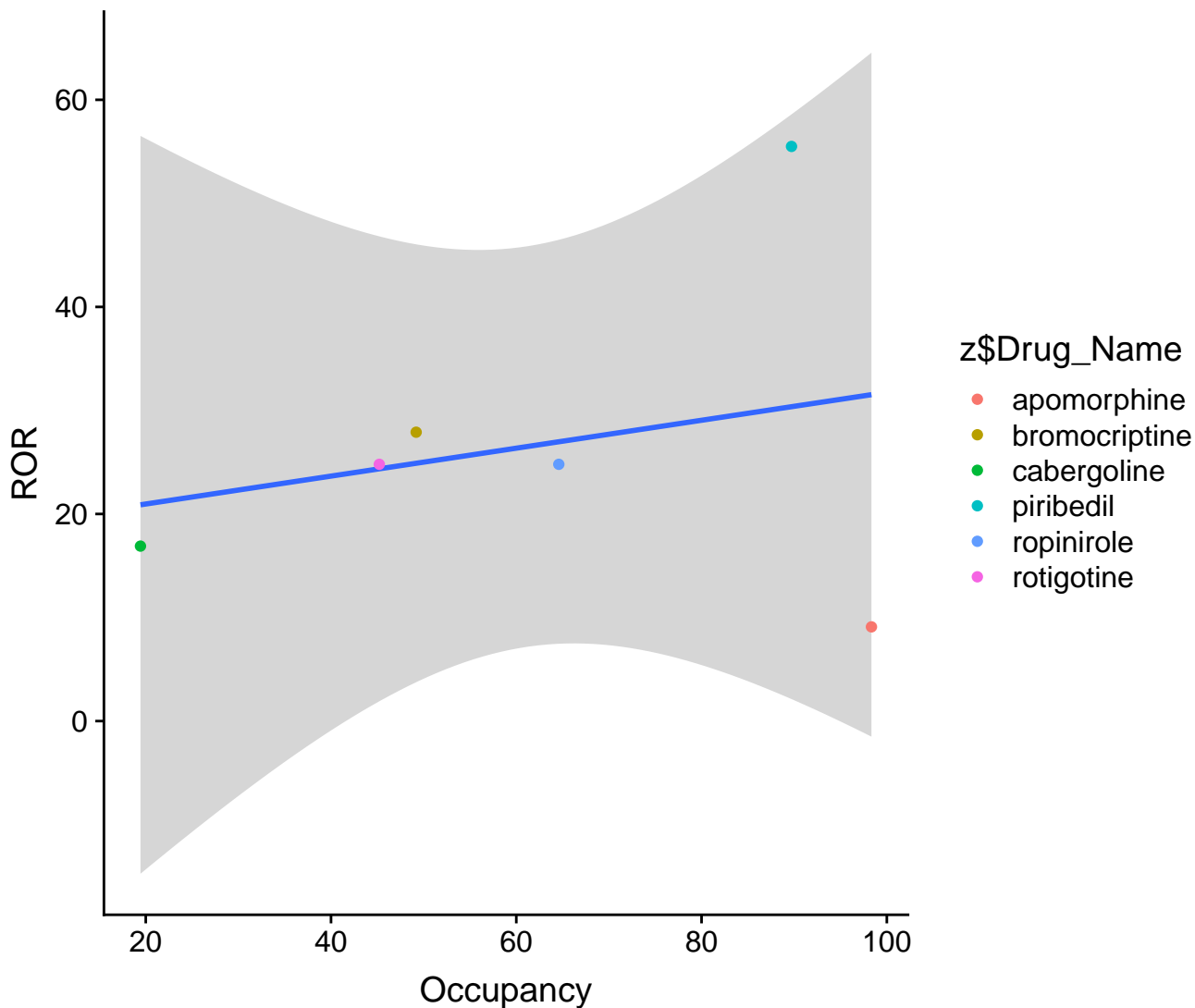**impulse−control disorder  ~  ADRA1d [ Antagonist ]**

Intercept: 20.57    Slope: 0.11    SE: 0.28    p−value: 0.724374    Pearson: 0.28

**impulse−control disorder ~ ADRA2a [ Antagonist ]**
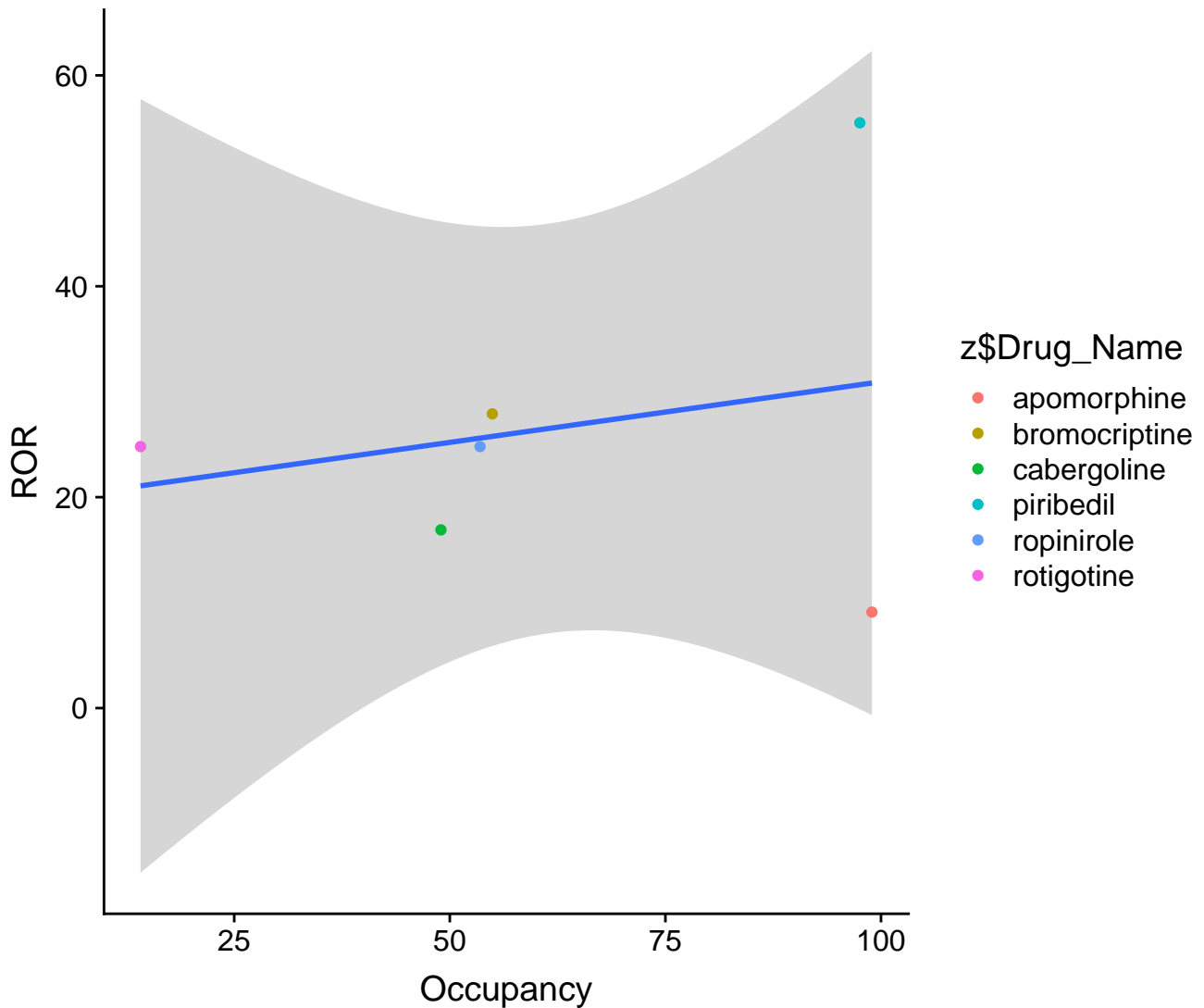
Intercept: 14.82    Slope: 0.27    SE: 0.19    p−value: 0.259941    Pearson: 0.62

**impulse−control disorder  ~  ADRA2b [ Antagonist ]**
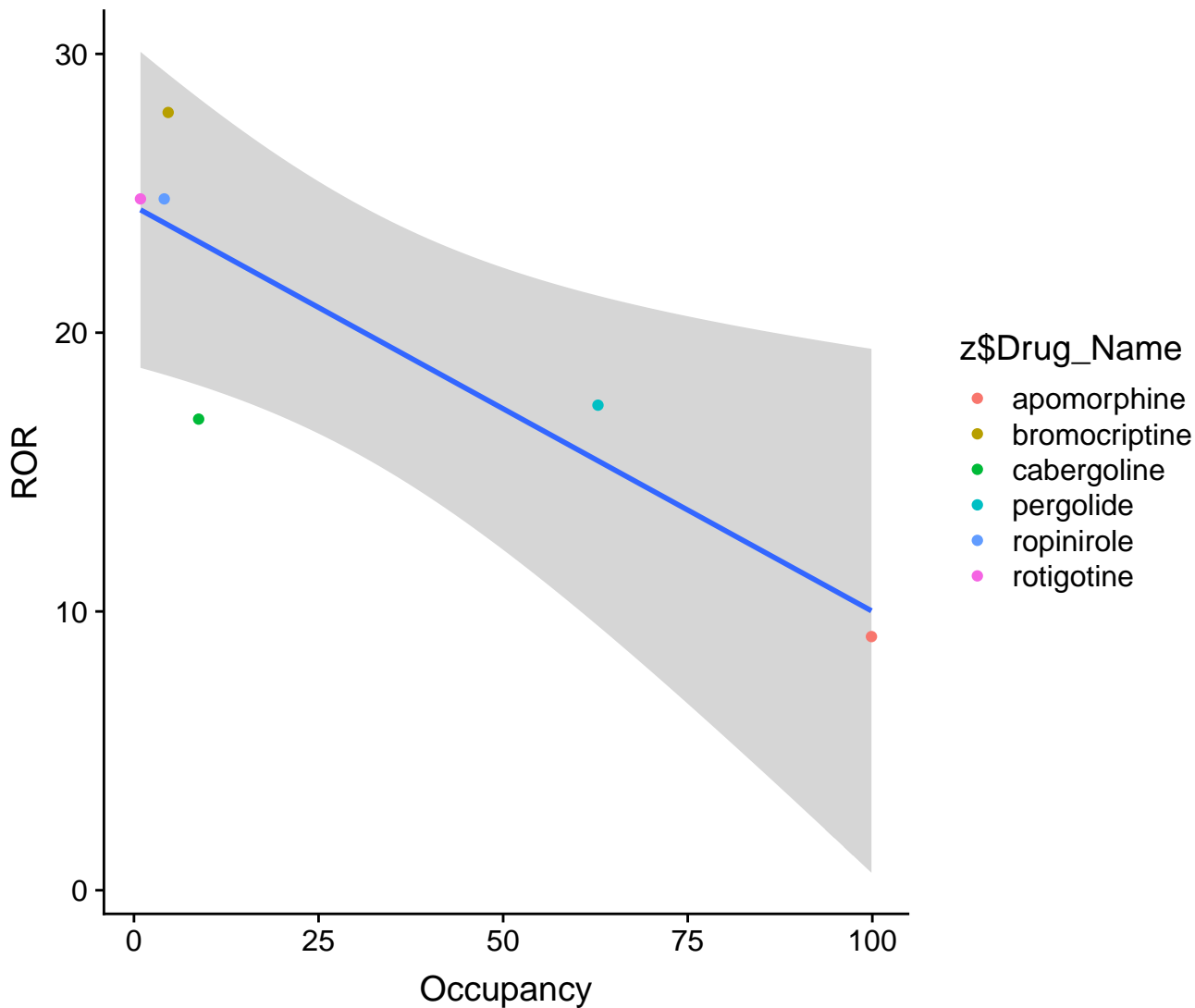
Intercept: 18.27     Slope: 0.13     SE: 0.26     p−value: 0.629919     Pearson: 0.25

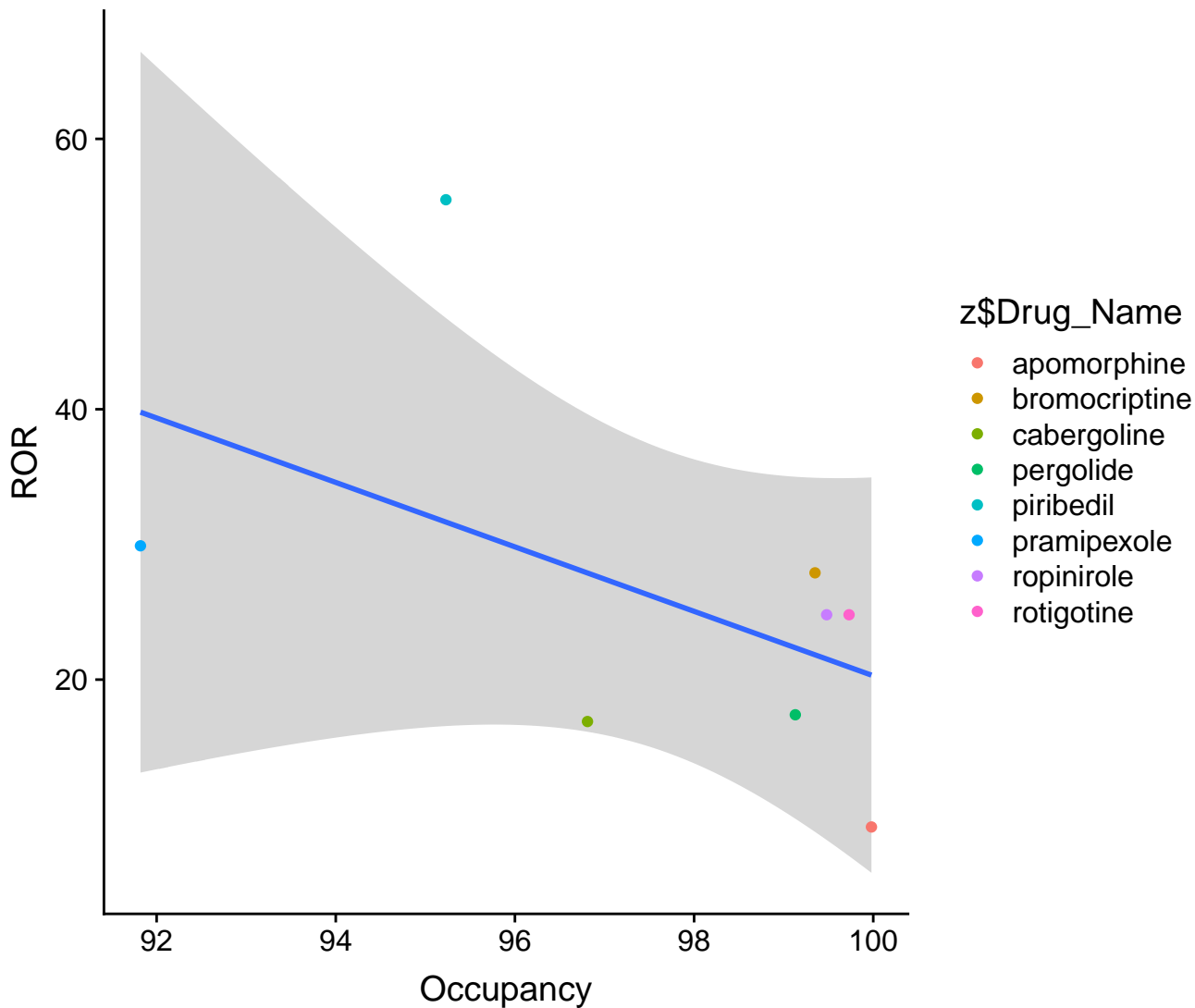**impulse−control disorder ~ ADRA2c [ Antagonist ]**

Intercept: 19.45    Slope: 0.11    SE: 0.24    p−value: 0.6535    Pearson: 0.24

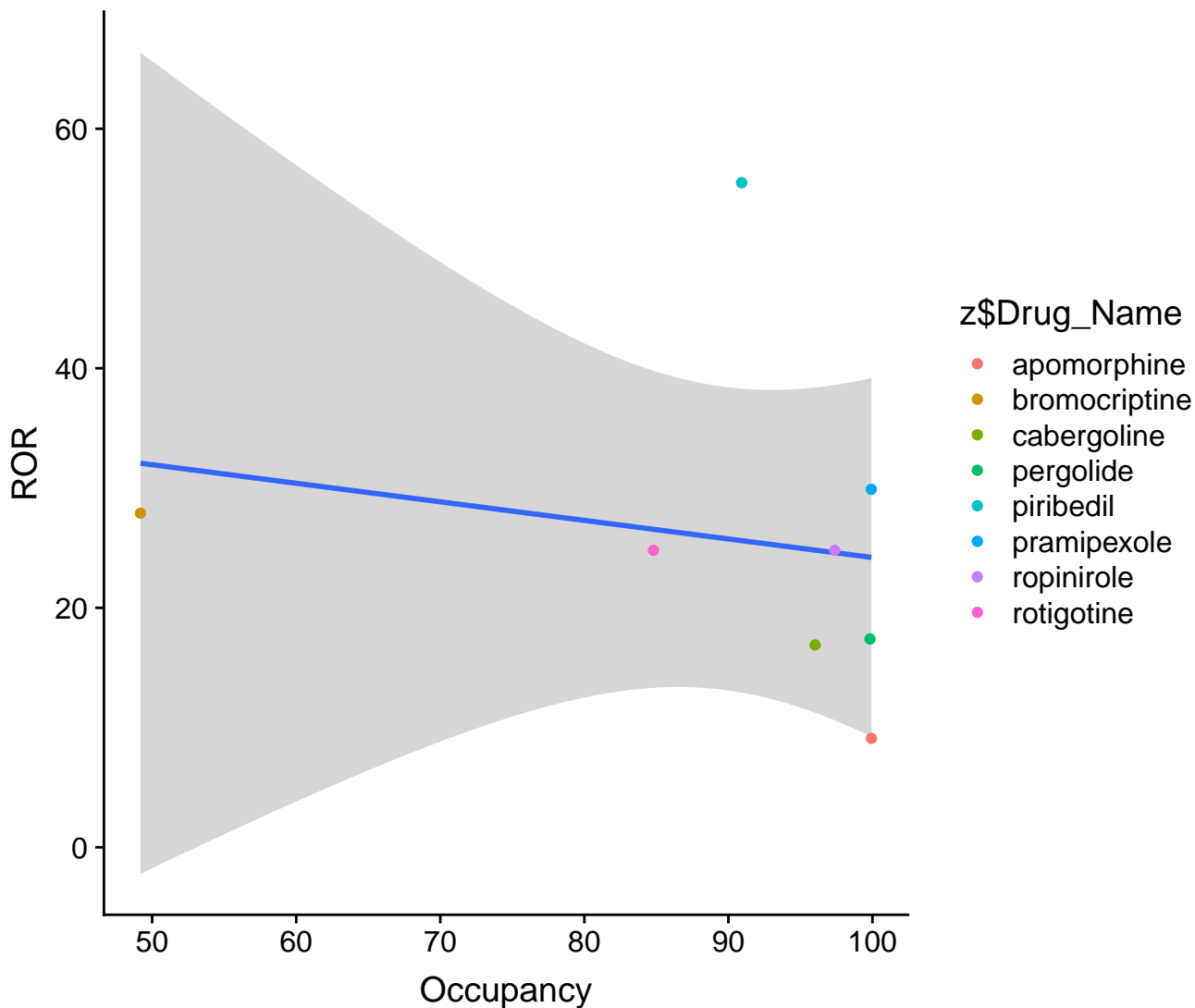**impulse−control disorder ~ D1 [ Agonist ]**

Intercept: 24.54    Slope: −0.15    SE: 0.04    p−value: 0.027189    Pearson: −0.86

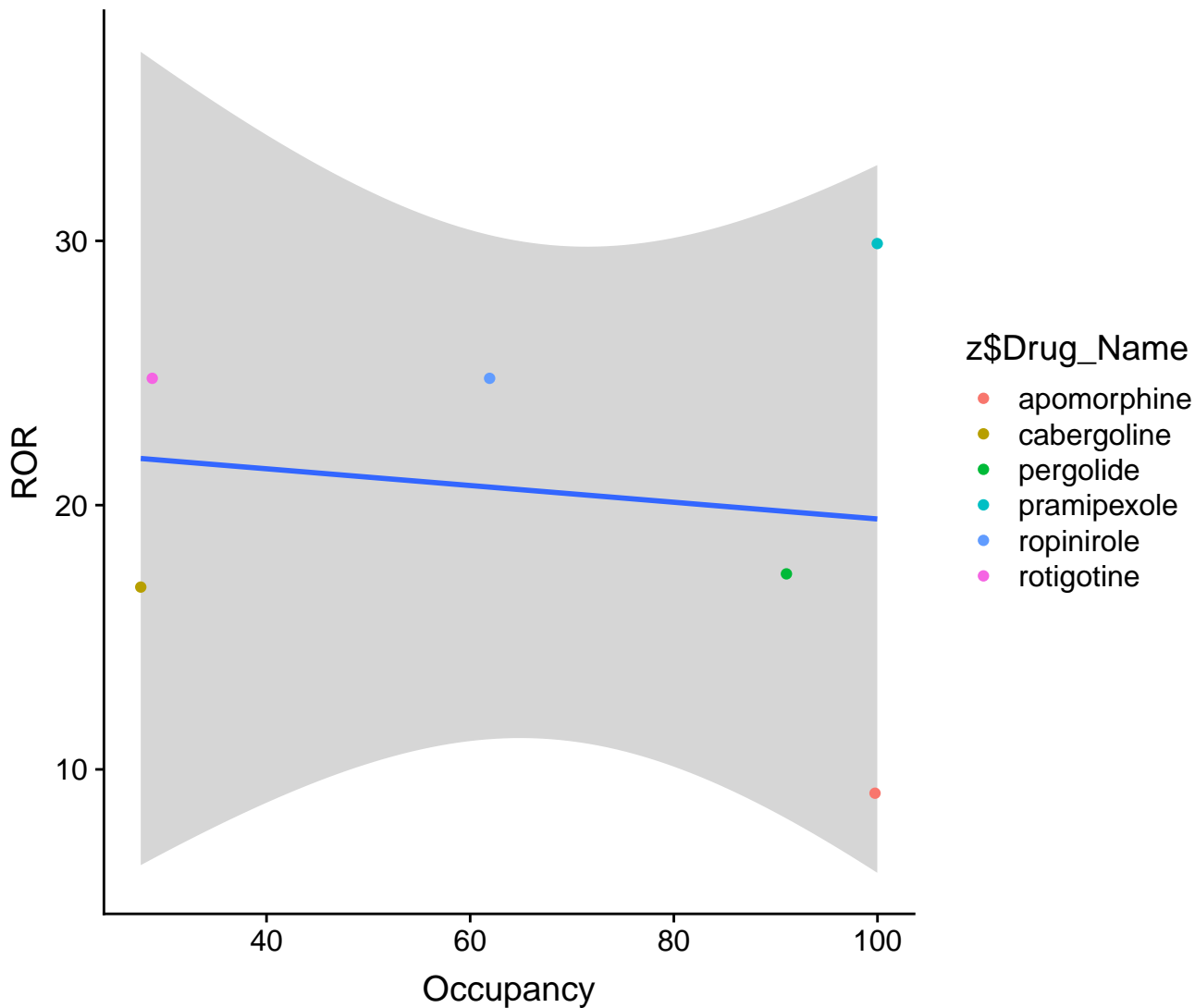**impulse−control disorder ~ D2 [ Agonist ]**

Intercept: 258.66    Slope: −2.38    SE: 1.68    p−value: 0.206882    Pearson: −0.5

**impulse−control disorder ~ D3 [ Agonist ]**

Intercept: 39.7    Slope: −0.15    SE: 0.32    p−value: 0.64636    Pearson: −0.19

**impulse−control disorder ~ D4 [ Agonist ]**

ROR

Occupancy

z$Drug_Name
- apomorphine
- cabergoline
- pergolide
- pramipexole
- ropinirole
- rotigotine

Intercept: 22.64    Slope: −0.03    SE: 0.11    p−value: 0.785244    Pearson: −0.14

**impulse−control disorder ~ D5 [ Agonist ]**

ROR

Occupancy

z$Drug_Name
- apomorphine
- bromocriptine
- cabergoline
- pergolide
- ropinirole
- rotigotine
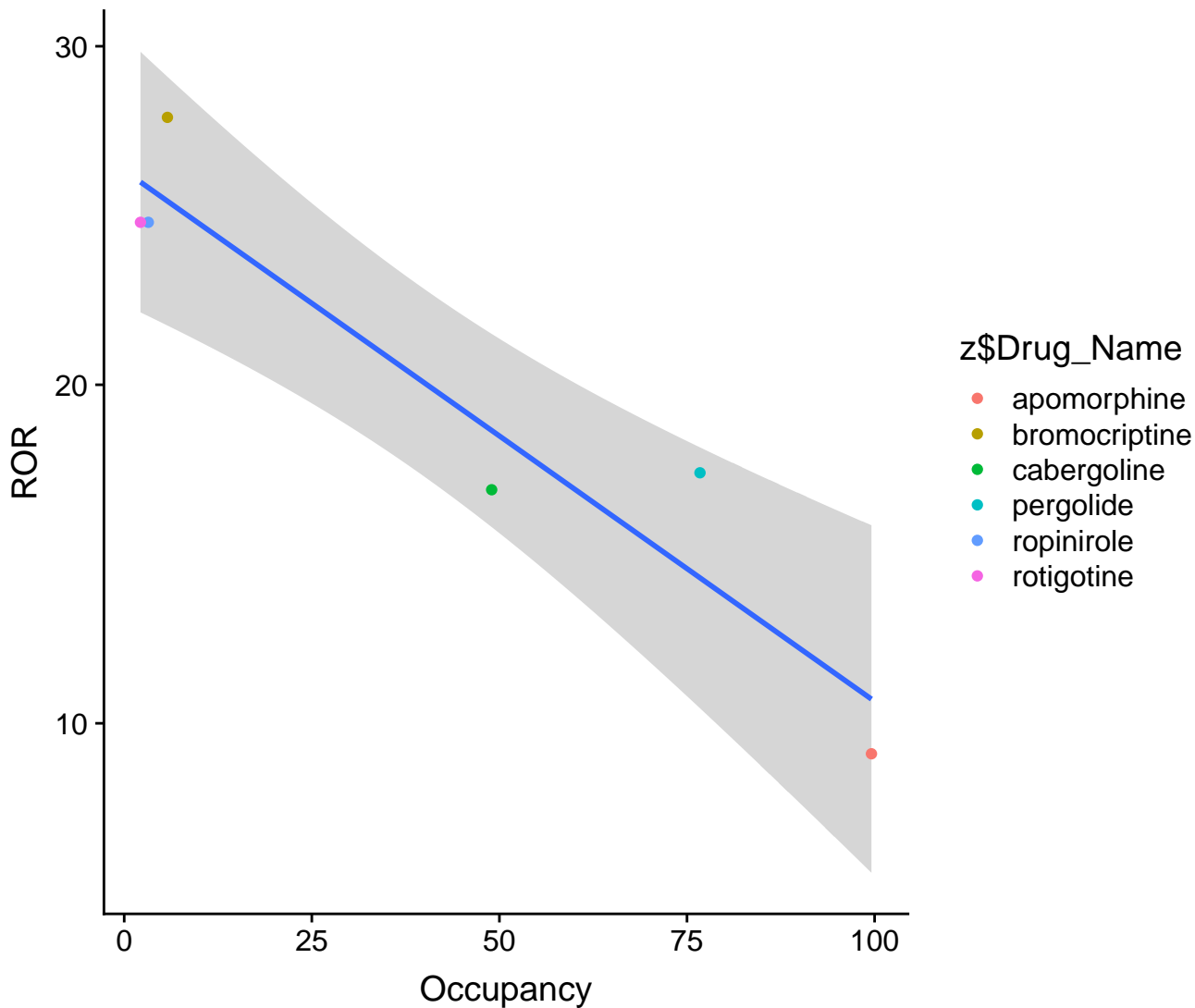
Intercept: 26.33    Slope: −0.16    SE: 0.03    p−value: 0.003731    Pearson: −0.95

**impulse−control disorder  ~  5HT1a [ Agonist ]**

Intercept:  23.03    Slope:  0.04    SE:  0.28    p−value:  0.89928    Pearson:  0.05
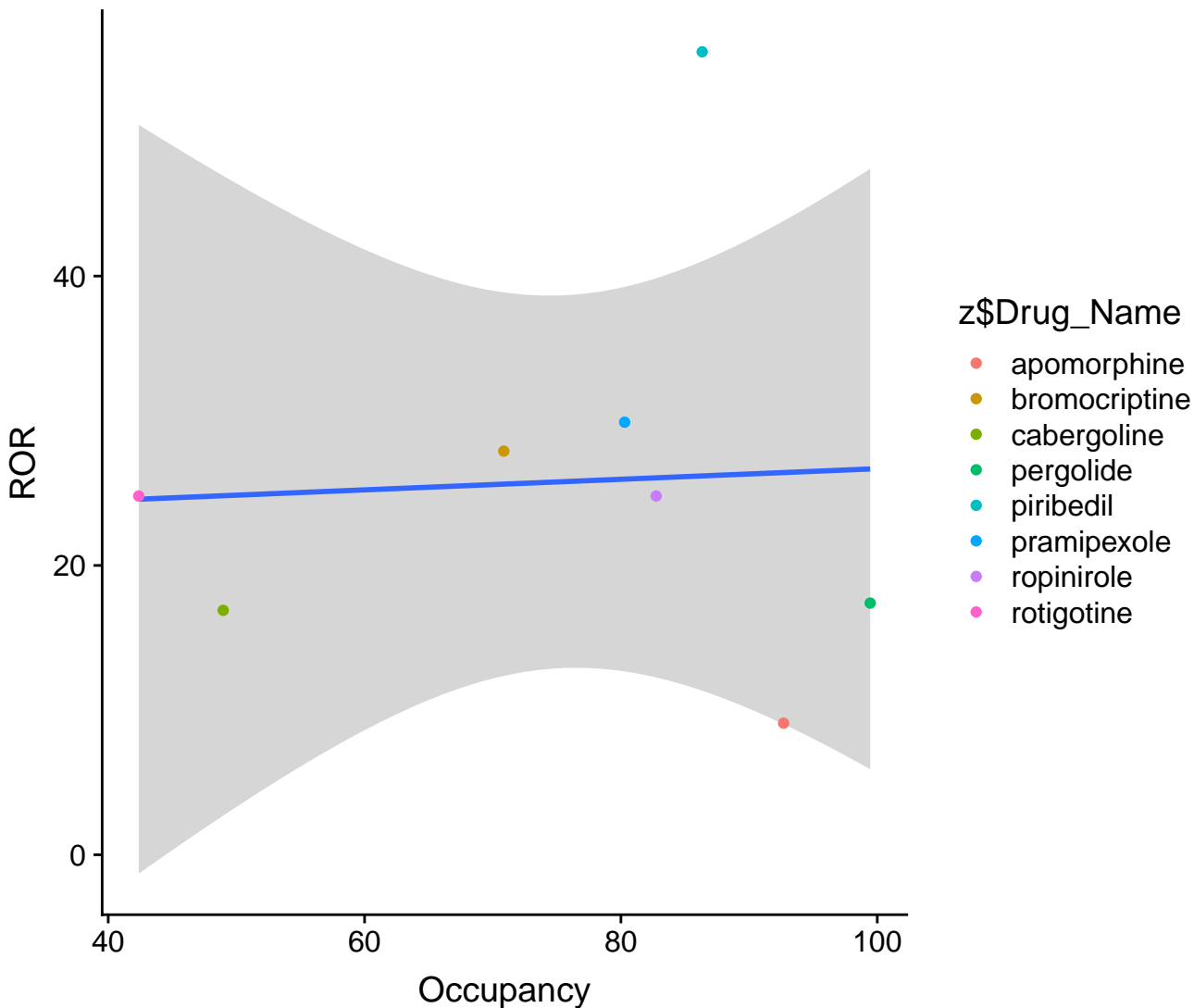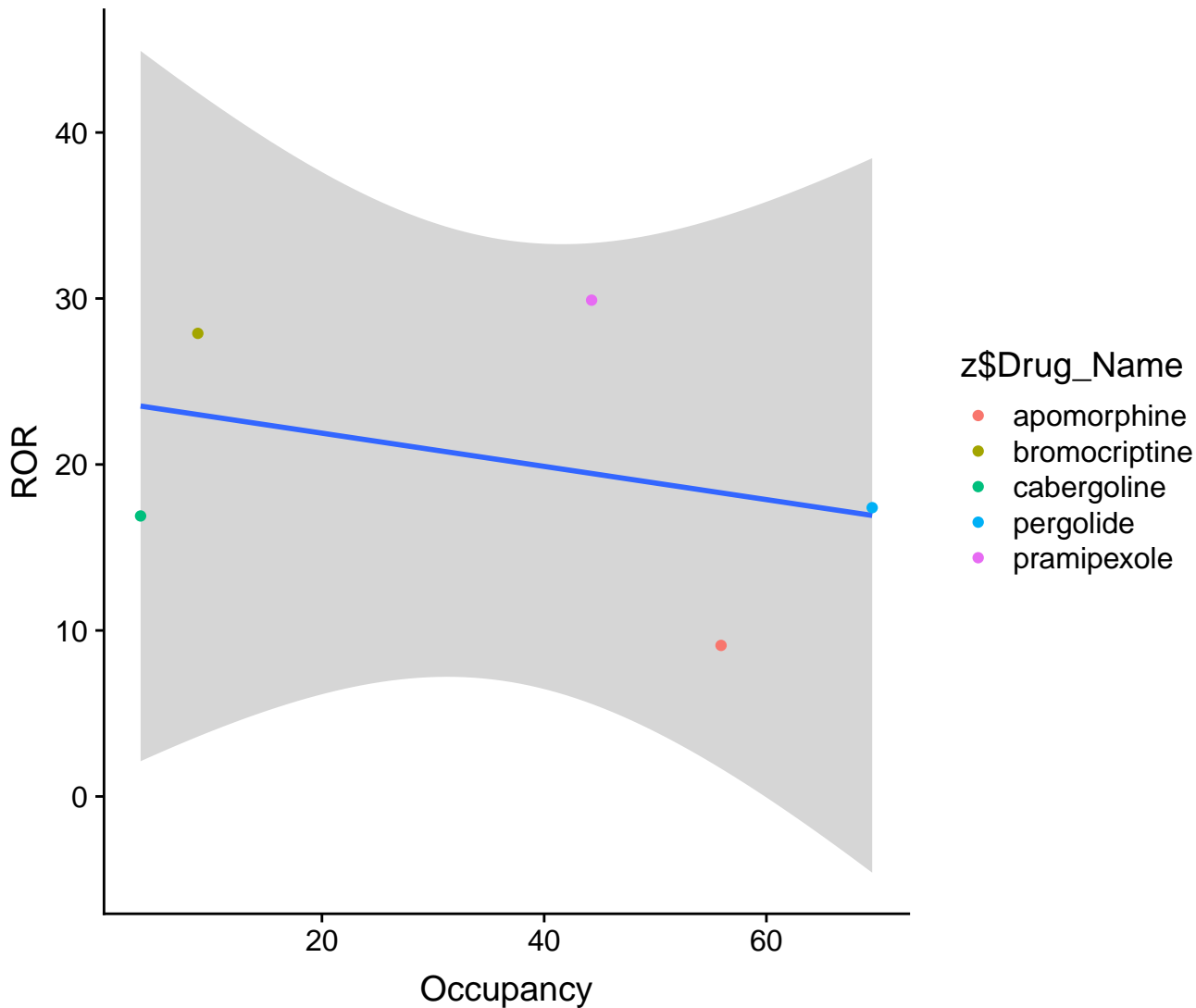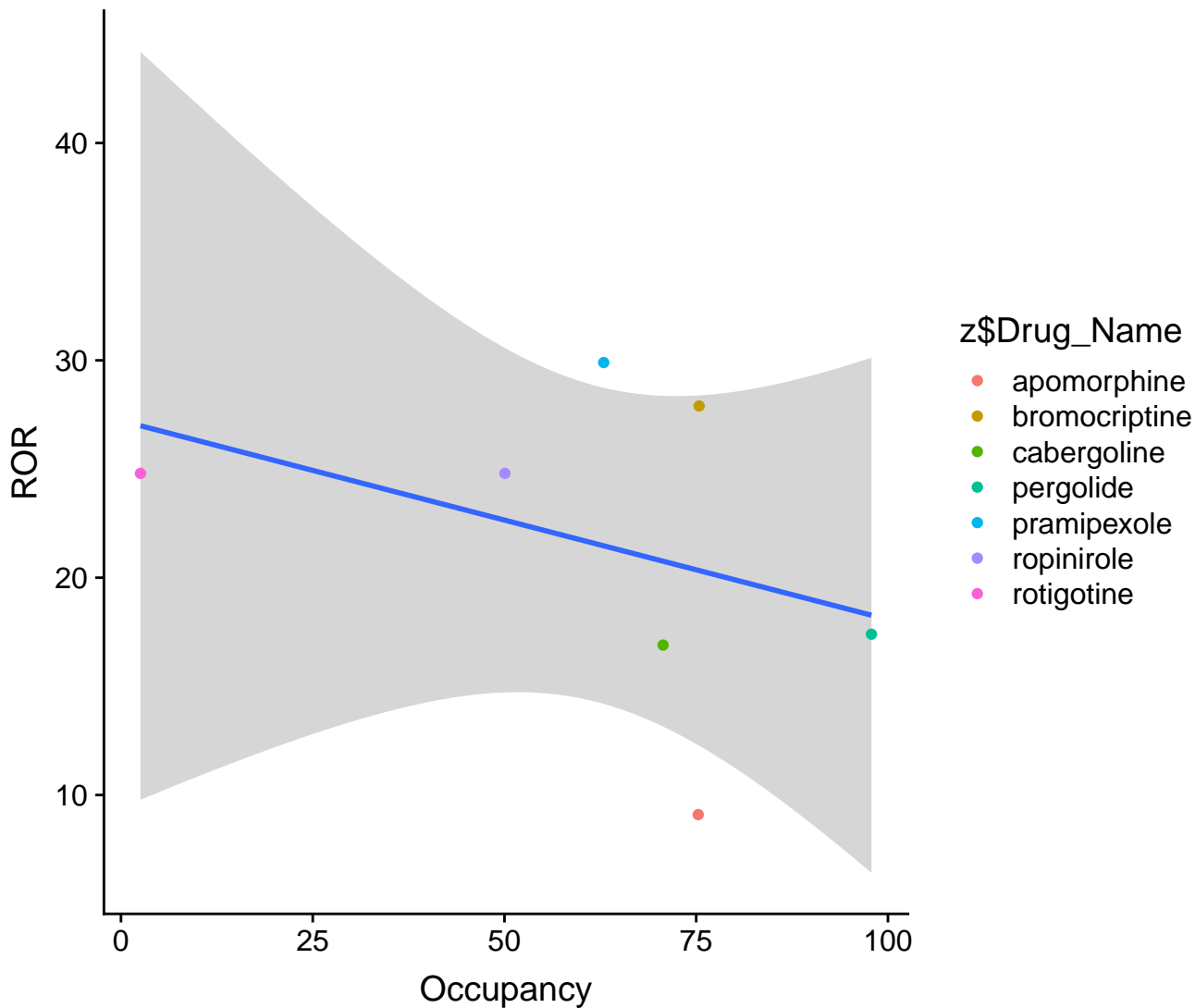
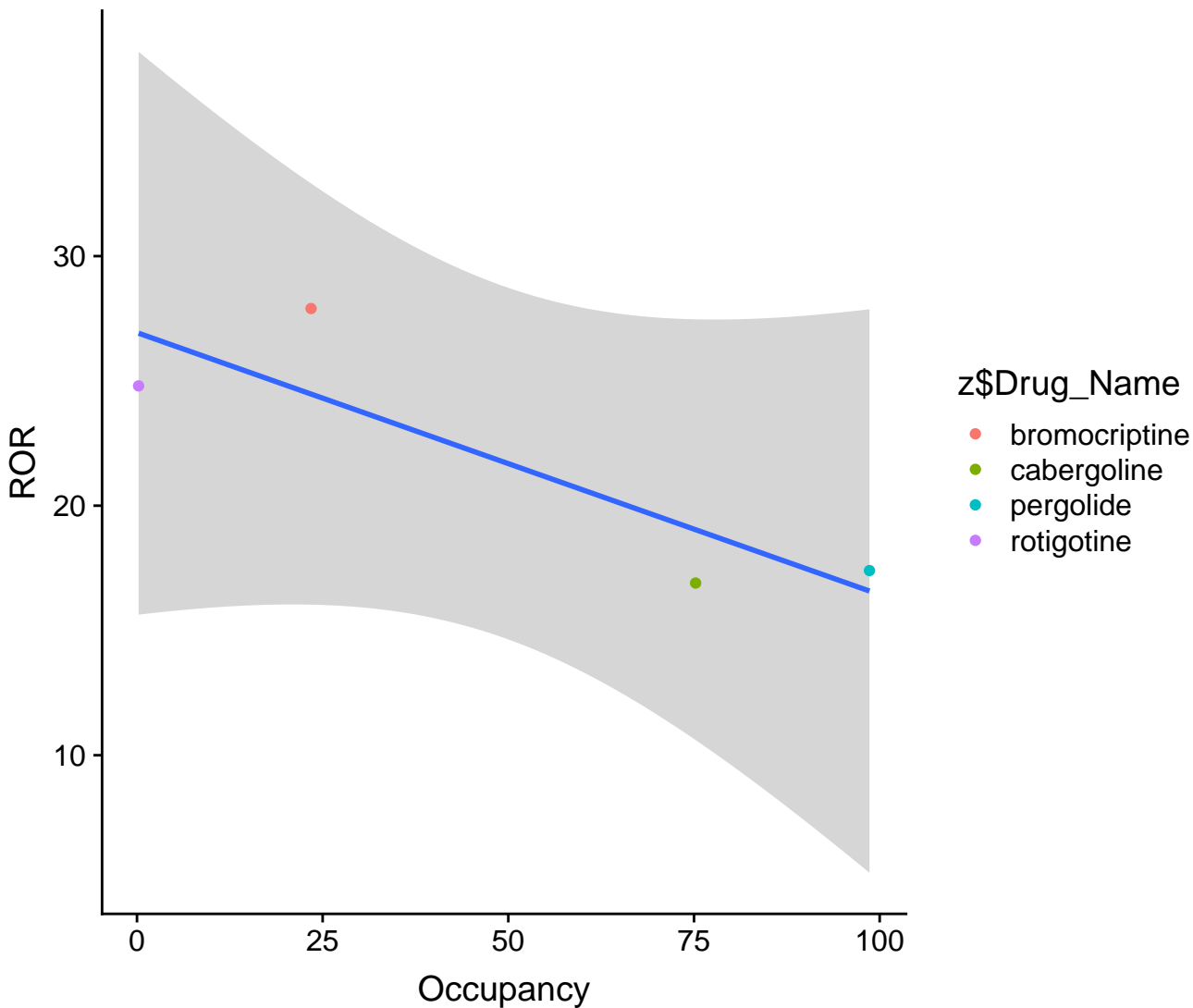**impulse−control disorder ~ 5HT1b [ Agonist ]**

Intercept: 23.89    Slope: −0.1    SE: 0.16    p−value: 0.577778    Pearson: −0.34

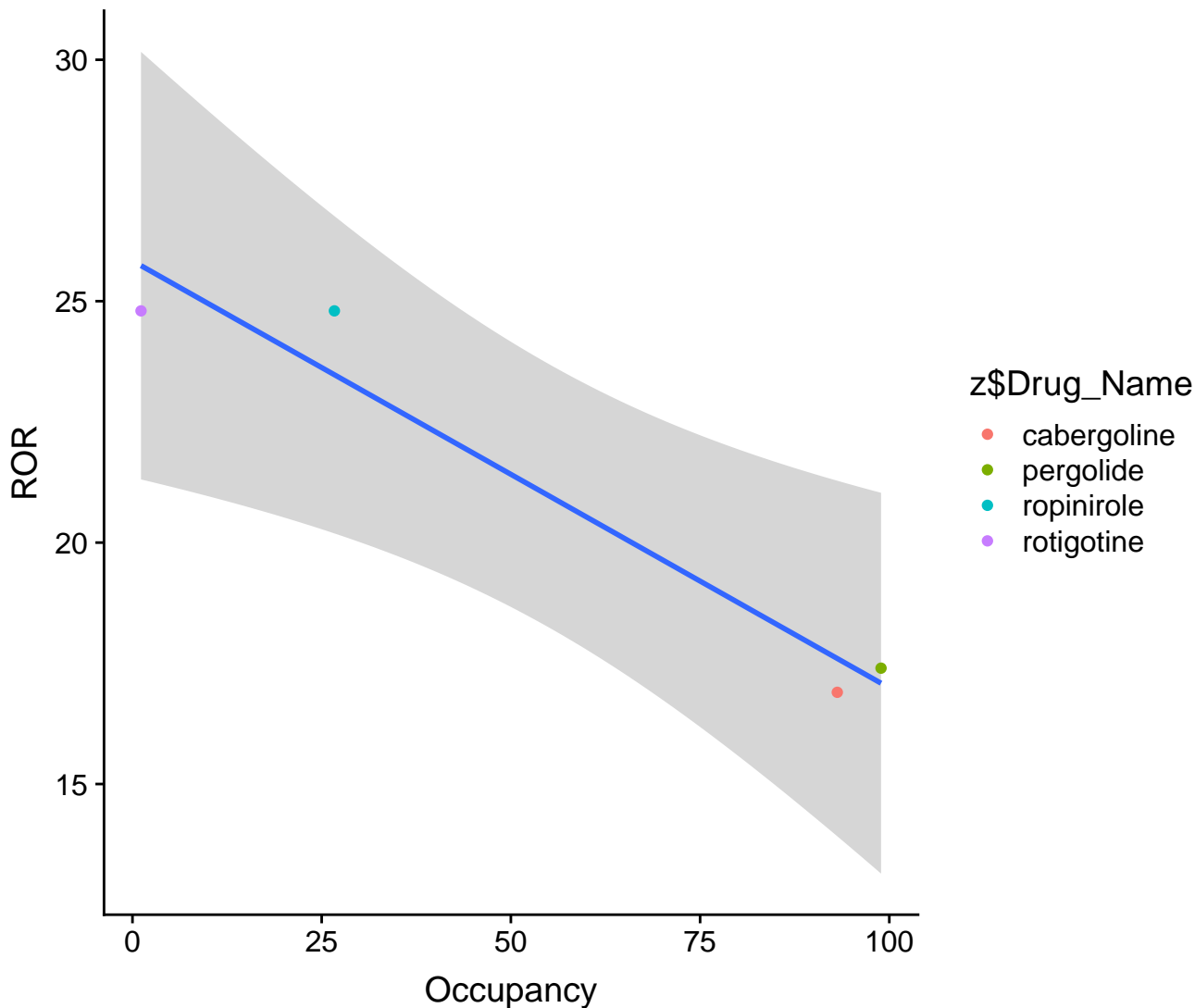**impulse−control disorder ~ 5HT1d [ Agonist ]**

Intercept: 27.22    Slope: −0.09    SE: 0.1    p−value: 0.41033    Pearson: −0.37

**impulse−control disorder  ~  5HT2a [ Agonist ]**

ROR

Occupancy

z$Drug_Name

- bromocriptine
- cabergoline
- pergolide
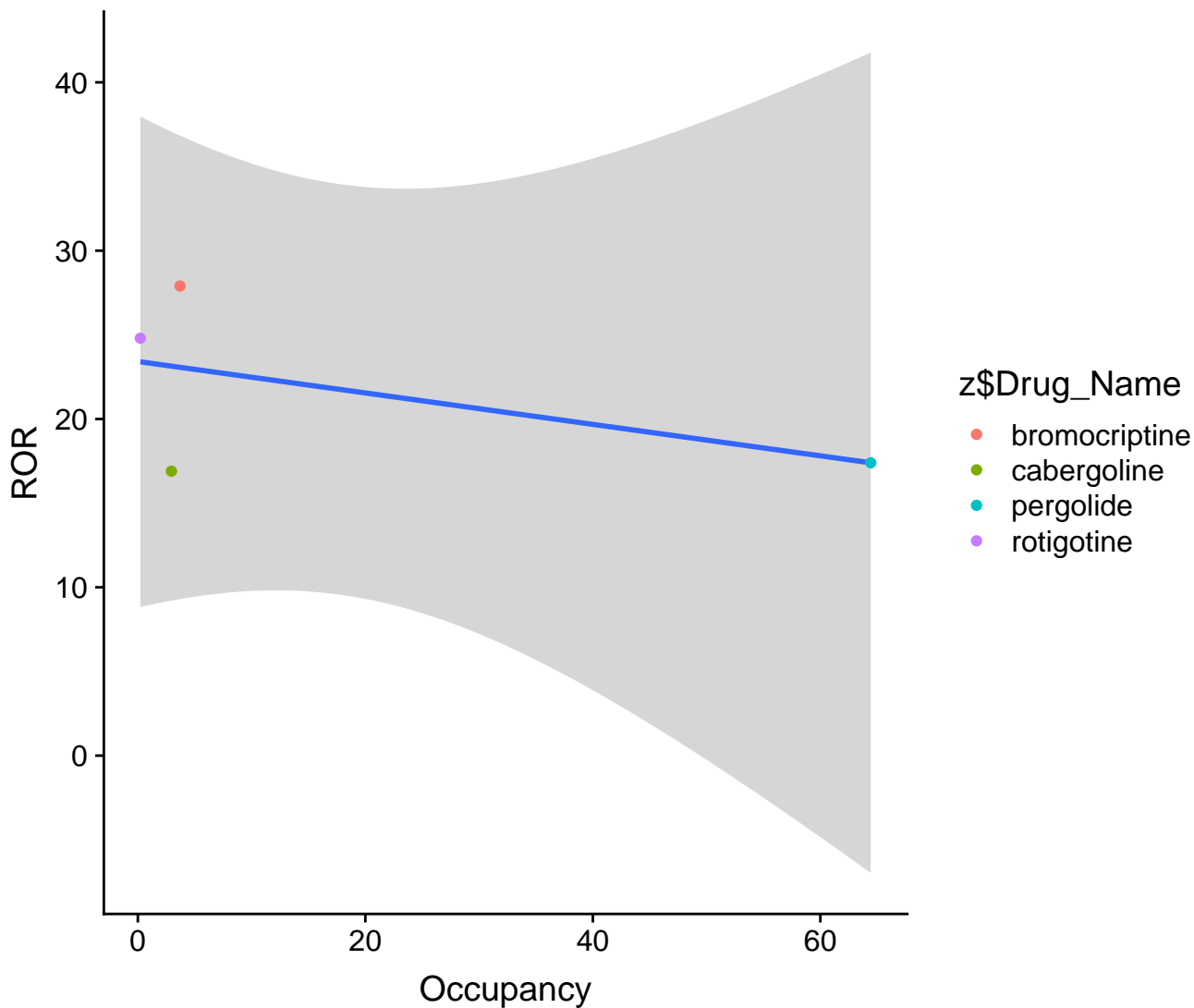- rotigotine

Intercept: 26.93    Slope: −0.1    SE: 0.04    p−value: 0.127854    Pearson: −0.87

**impulse−control disorder ~ 5HT2b [ Agonist ]**

Intercept: 25.84    Slope: −0.09    SE: 0.02    p−value: 0.027792    Pearson: −0.97

**impulse−control disorder ~ 5HT2c [ Agonist ]**

Intercept: 23.42    Slope: −0.09    SE: 0.11    p−value: 0.468321    Pearson: −0.53