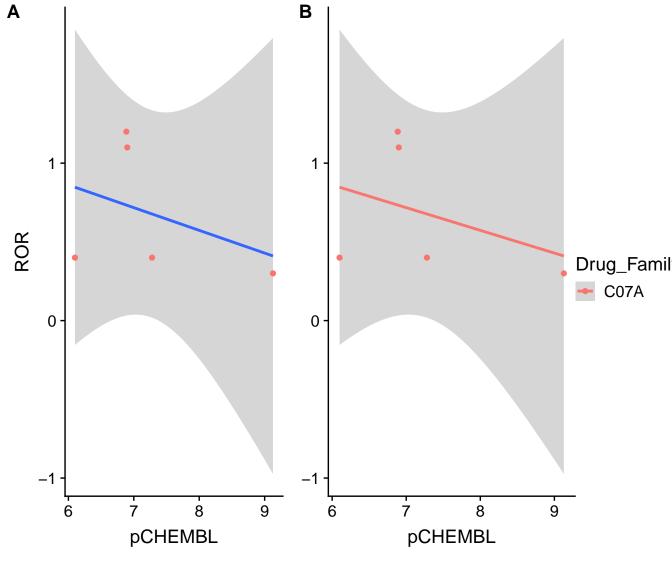
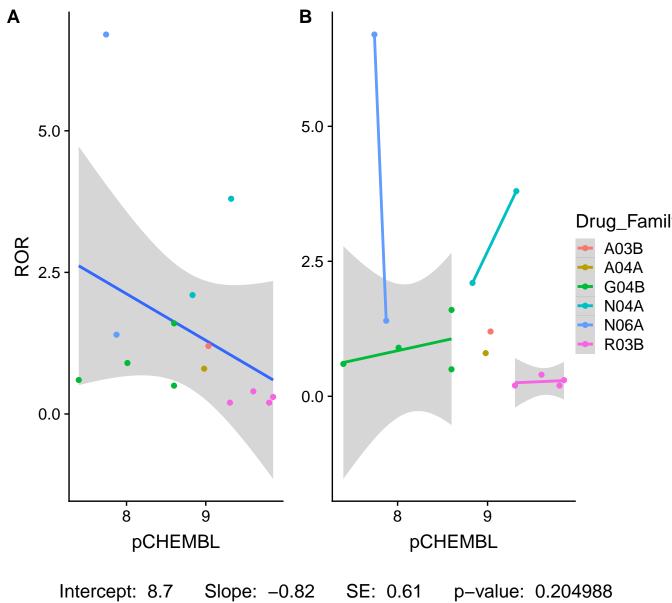
aggression ~ Adrenergic Beta1 receptor [ Antagonist ]

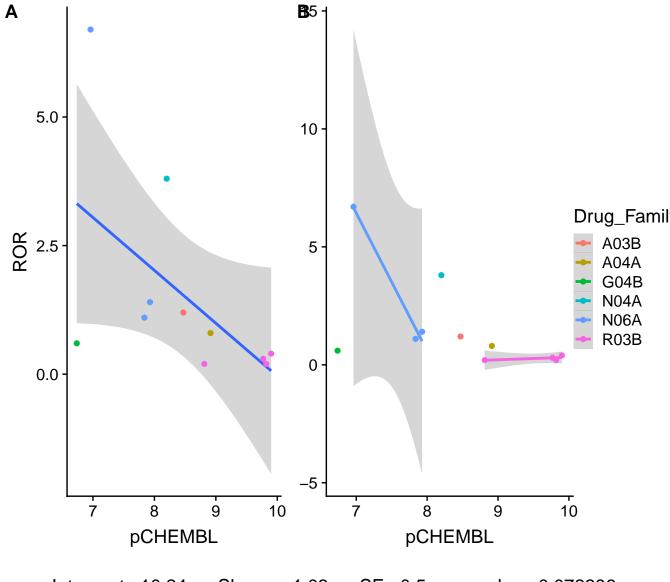


Intercept: 1.73 Slope: -0.14 SE: 0.2 p-value: 0.531945



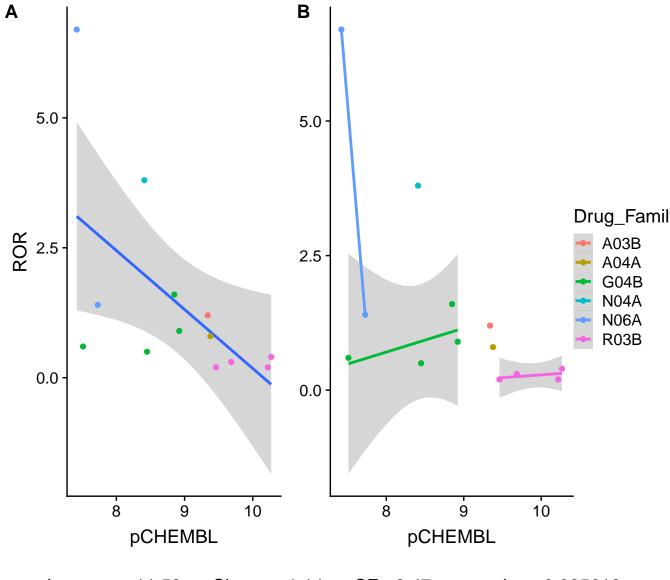






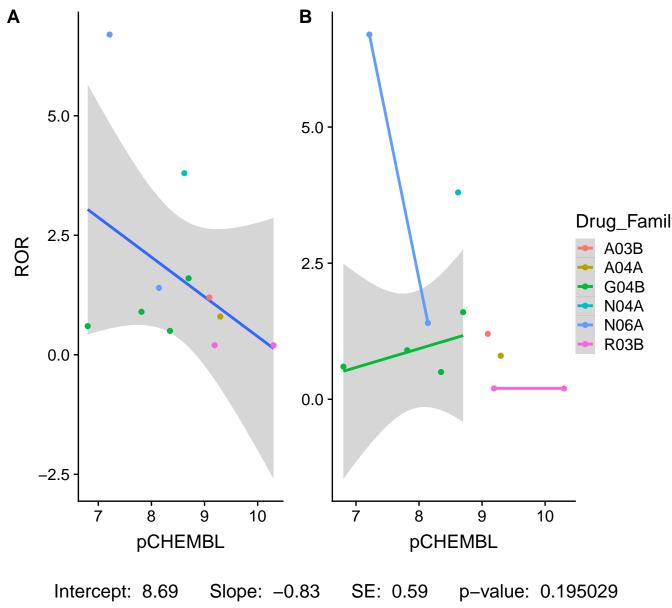
Intercept: 10.24 Slope: -1.03 SE: 0.5 p-value: 0.072286



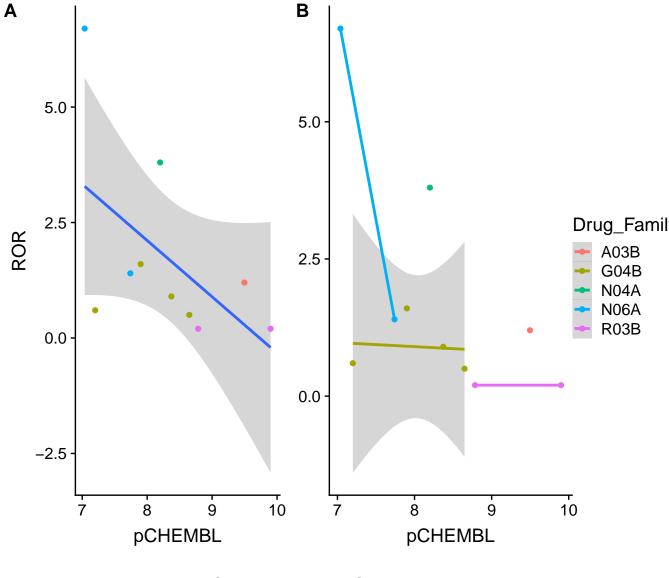


Intercept: 11.53 Slope: -1.14 SE: 0.47 p-value: 0.035613



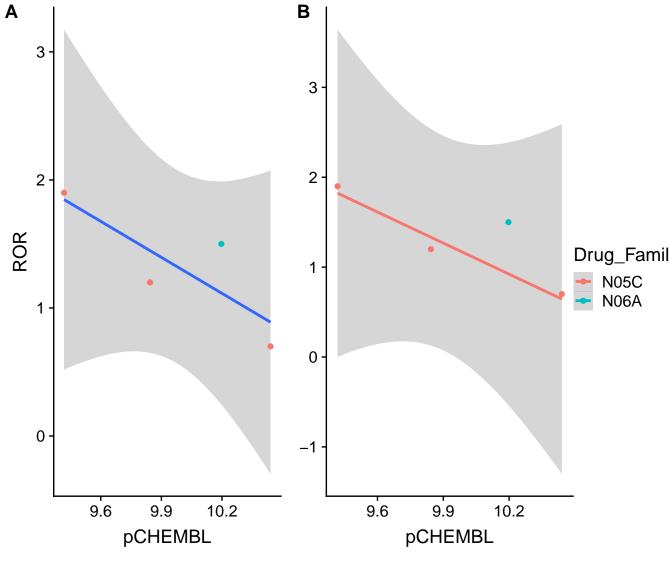


aggression ~ Muscarinic M5 receptor [ Antagonist ]



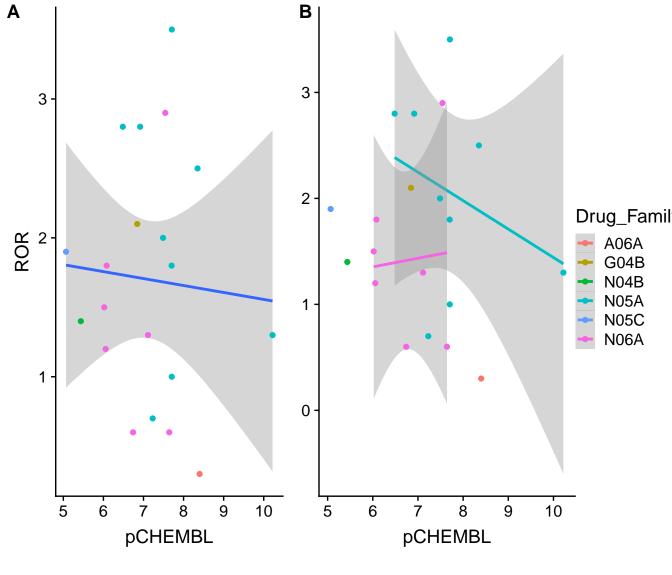
Intercept: 11.86 Slope: -1.22 SE: 0.66 p-value: 0.099732





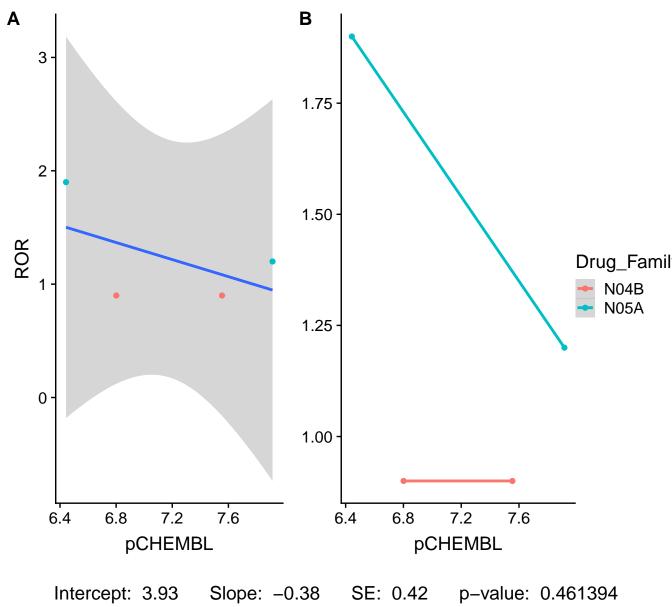
Intercept: 10.67 Slope: -0.94 SE: 0.46 p-value: 0.176168

aggression ~ Serotonin 5-HT2 receptor [ Antagonist ]

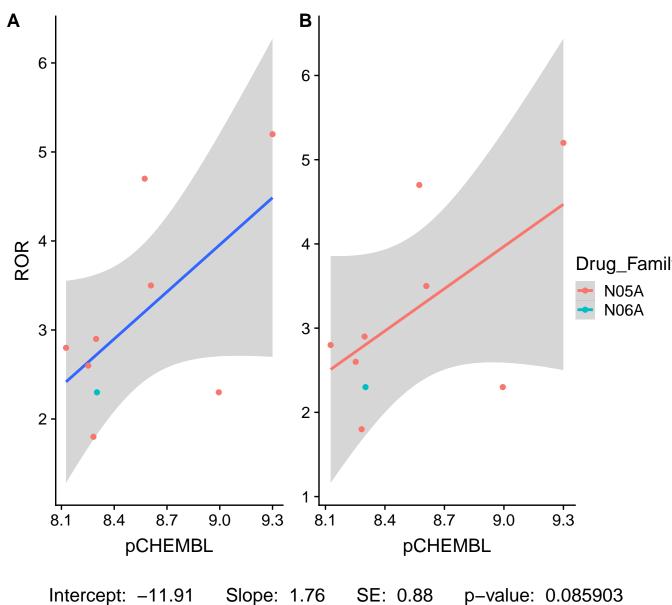


Intercept: 2.06 Slope: -0.05 SE: 0.18 p-value: 0.78159

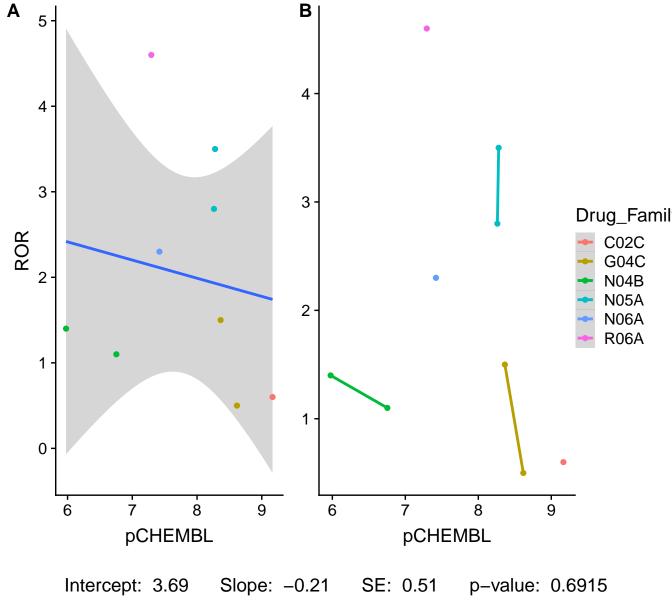
aggression ~ Serotonin 5-HT2 receptor [ Partial Agonist ]

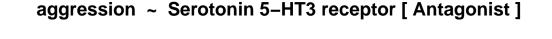


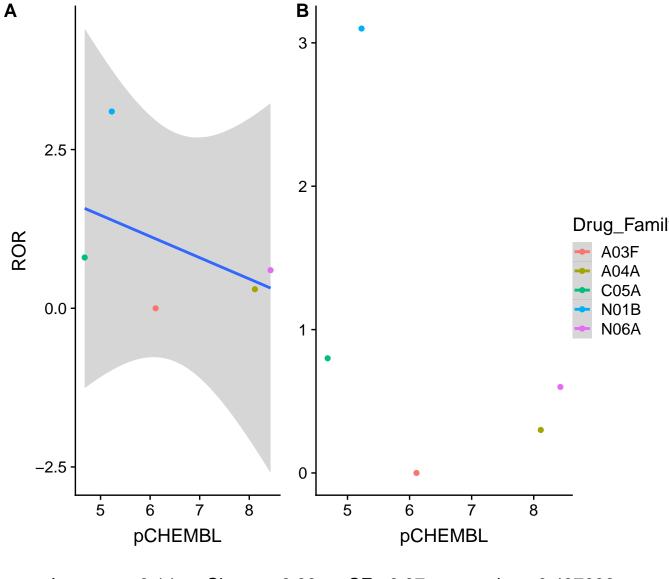
aggression ~ Serotonin 5-HT2 receptor [Inverse Agonist]





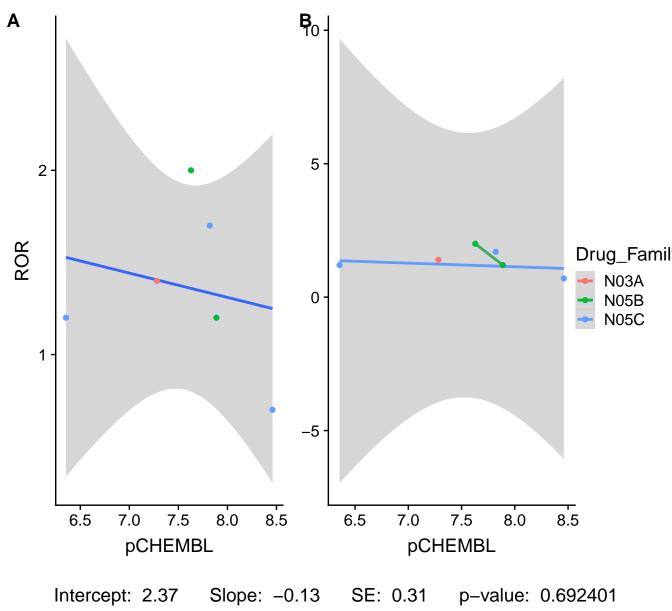




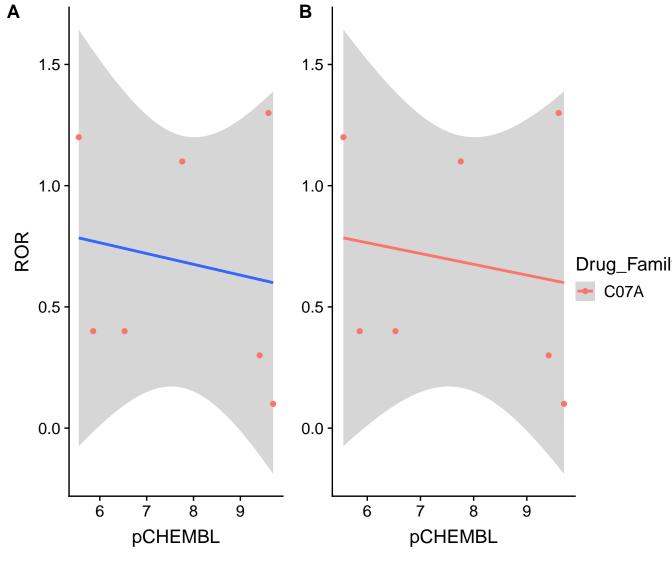


Intercept: 3.14 Slope: -0.33 SE: 0.37 p-value: 0.437698

aggression ~ GABA A receptor [ Agonist ]

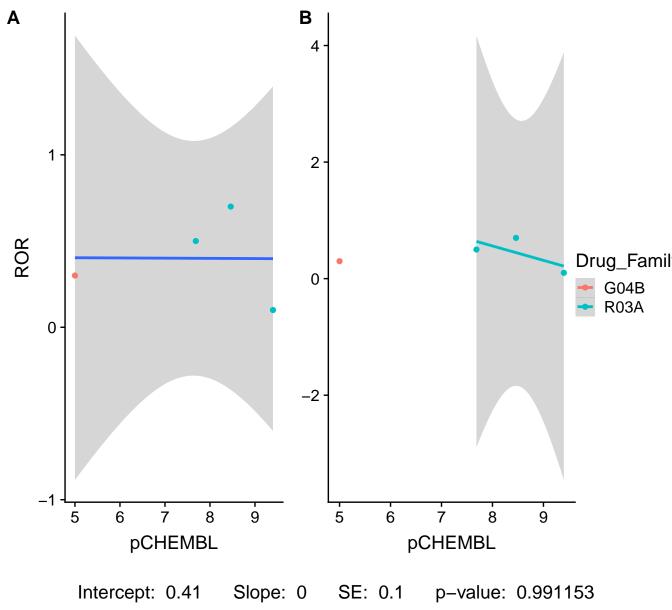




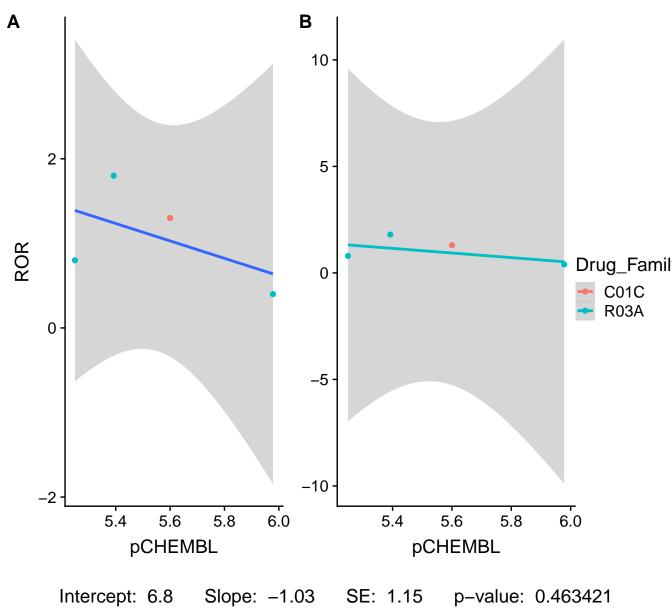


Intercept: 1.03 Slope: -0.04 SE: 0.12 p-value: 0.725726

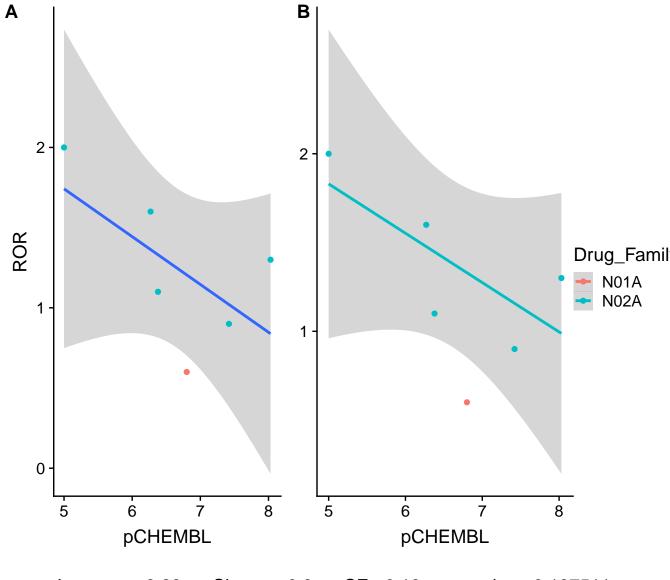




aggression ~ Adrenergic Beta2 receptor [ Partial Agonist ]

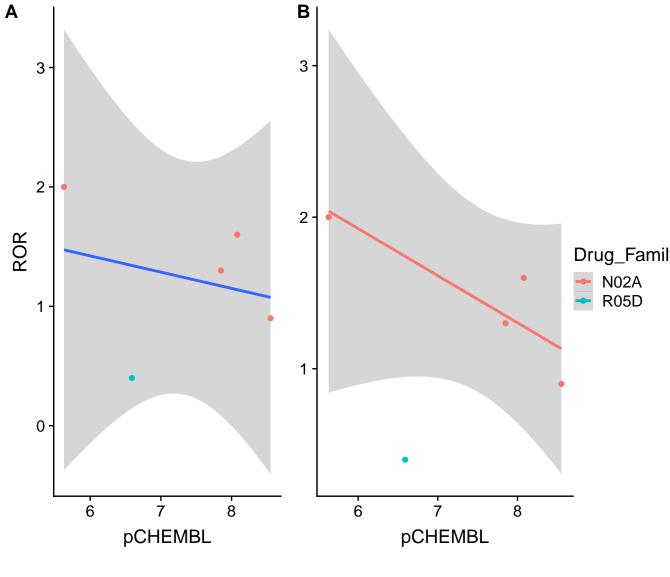






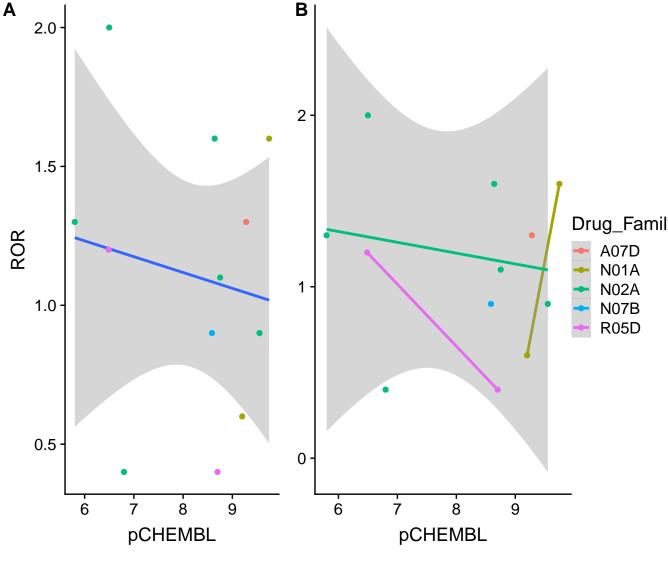
Intercept: 3.23 Slope: -0.3 SE: 0.19 p-value: 0.187511



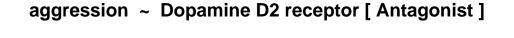


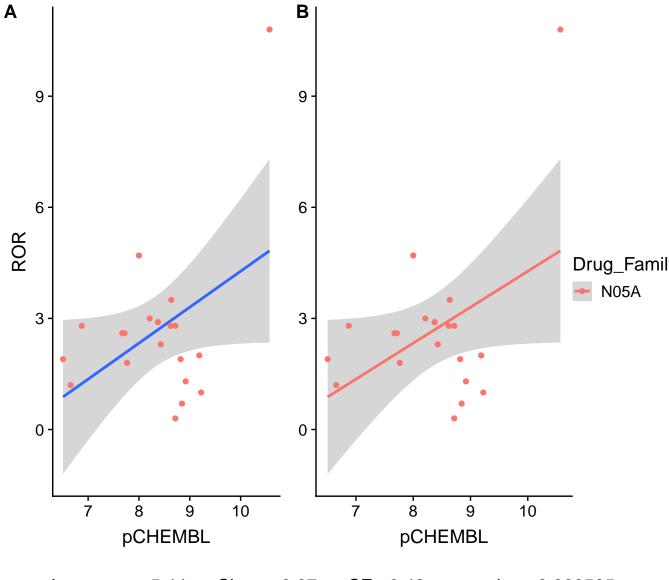
Intercept: 2.24 Slope: -0.14 SE: 0.29 p-value: 0.667731





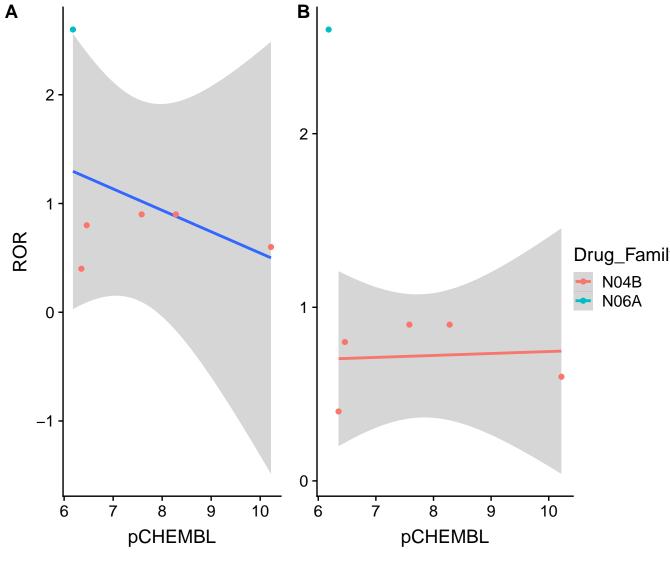
Intercept: 1.57 Slope: -0.06 SE: 0.11 p-value: 0.624159





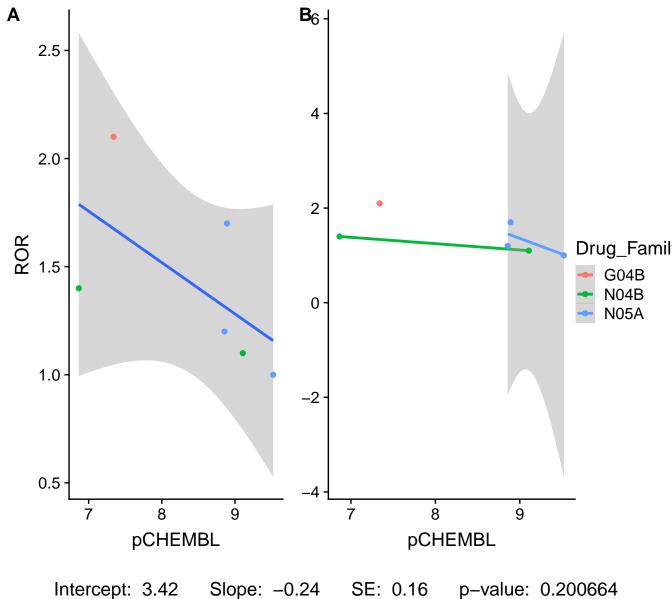
Intercept: -5.44 Slope: 0.97 SE: 0.48 p-value: 0.060505

aggression ~ Dopamine D2 receptor [ Agonist ]

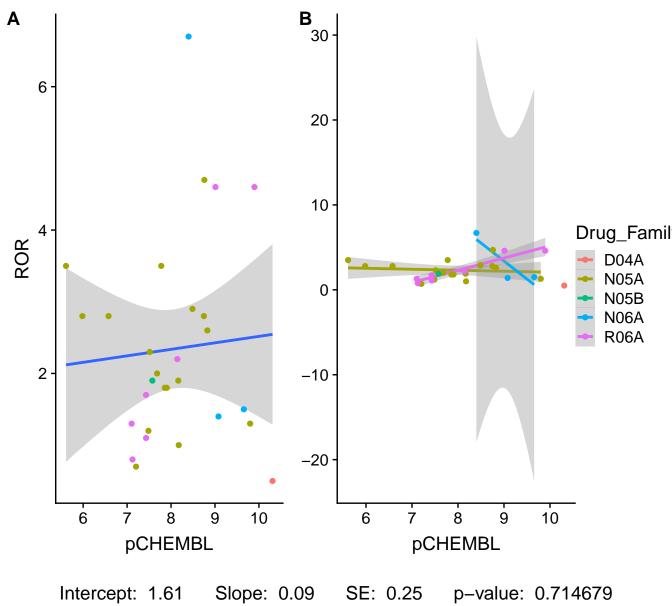


Intercept: 2.51 Slope: -0.2 SE: 0.23 p-value: 0.447591

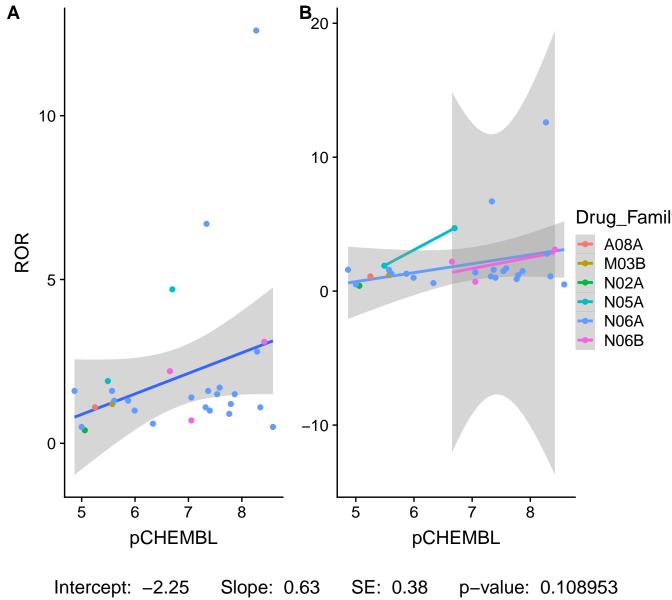




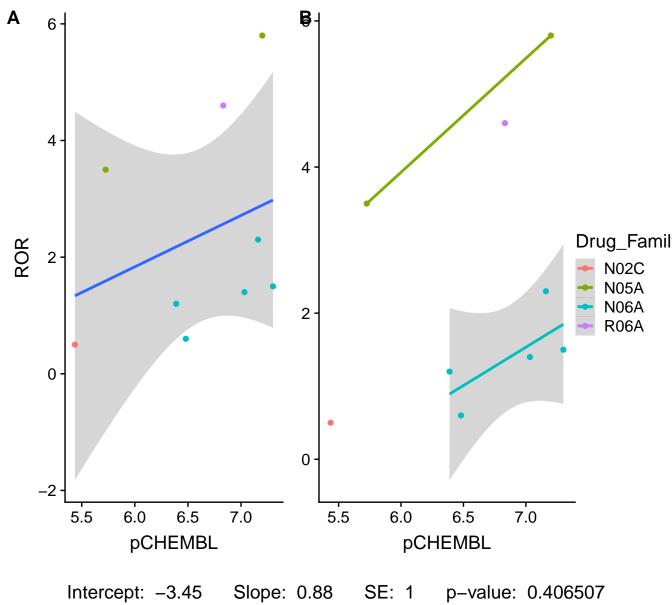


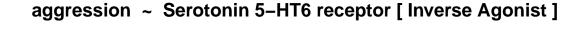


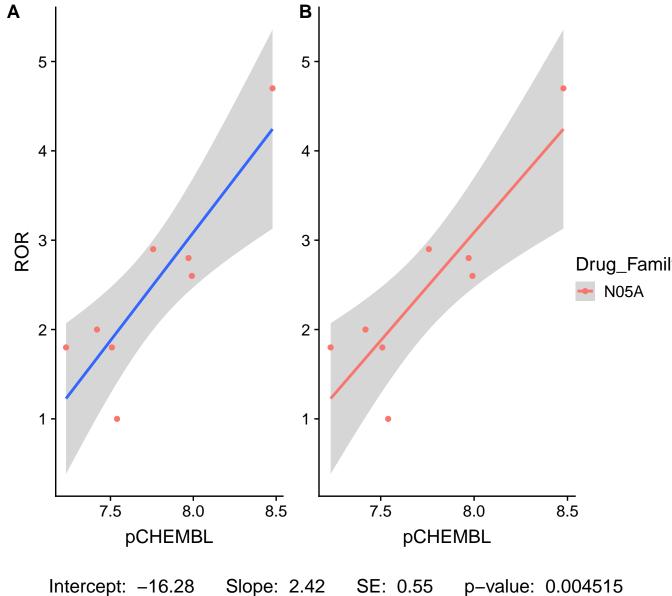
aggression ~ Norepinephrine transporter [ Antagonist ]

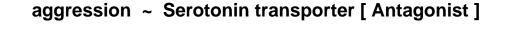


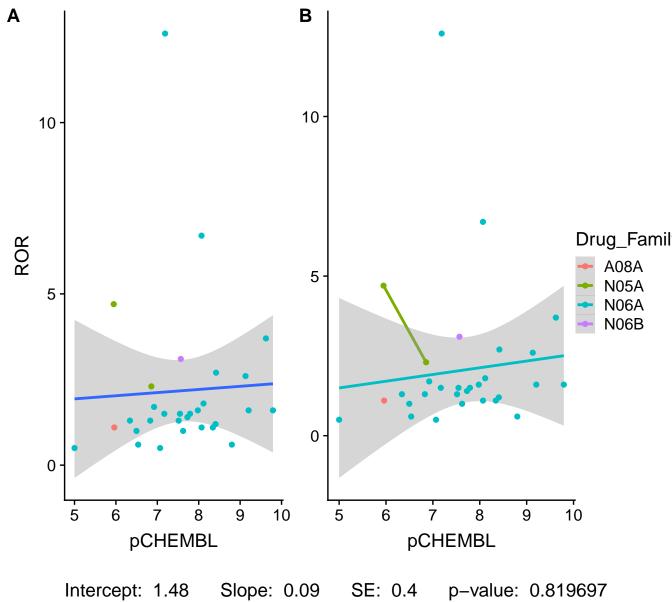
aggression ~ Serotonin 5-HT6 receptor [ Antagonist ]



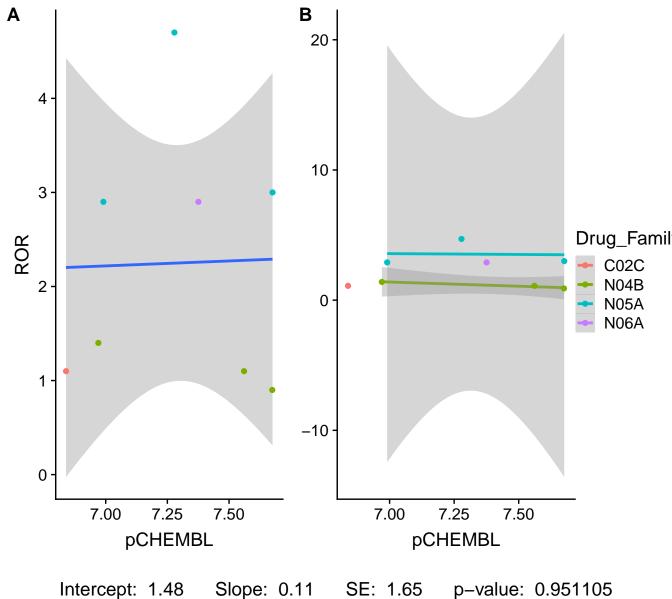




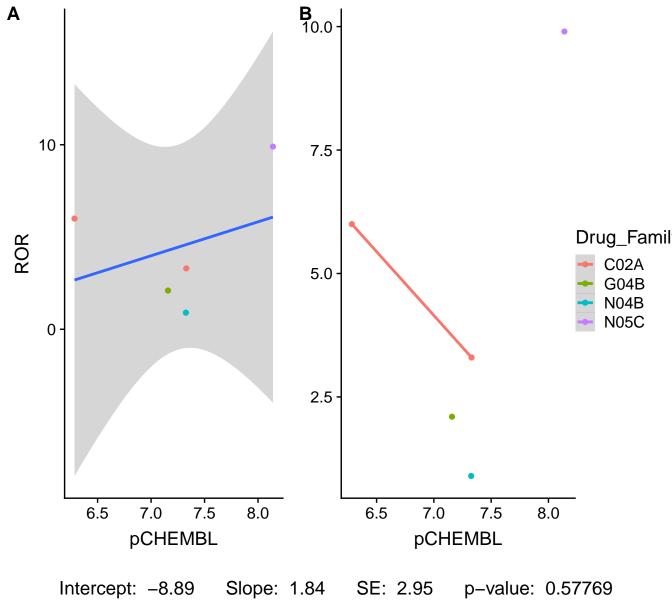


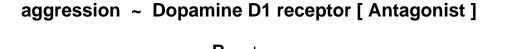


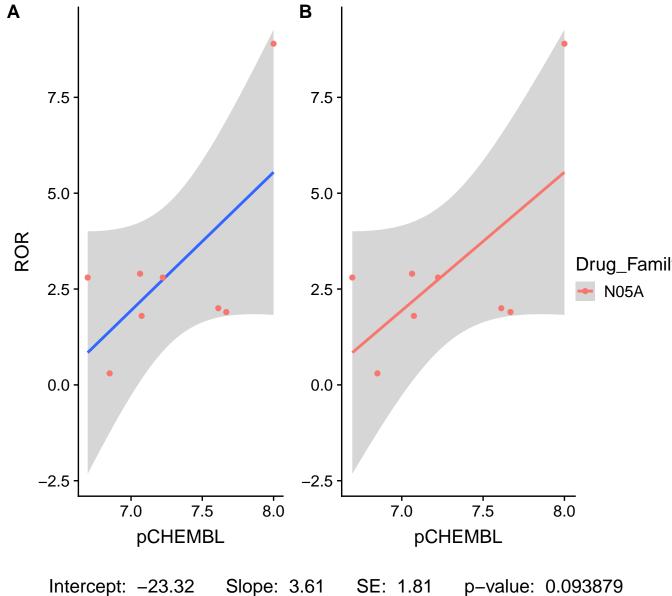




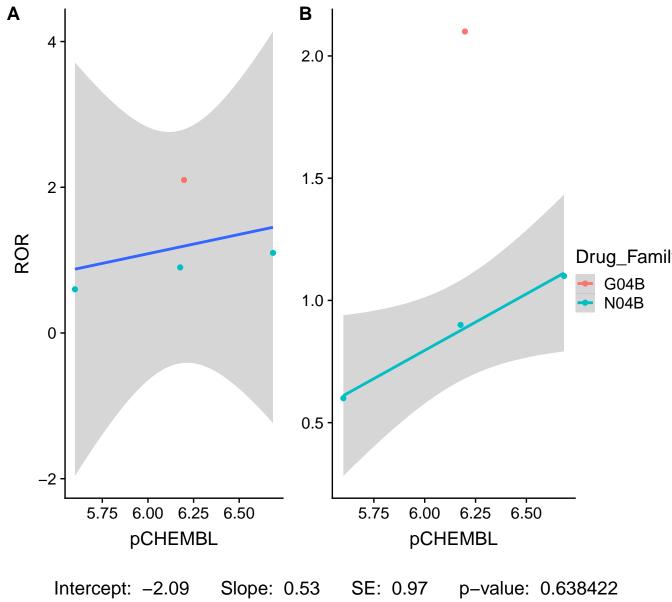
aggression ~ Adrenergic Alpha2 receptor [ Partial Agonist ]



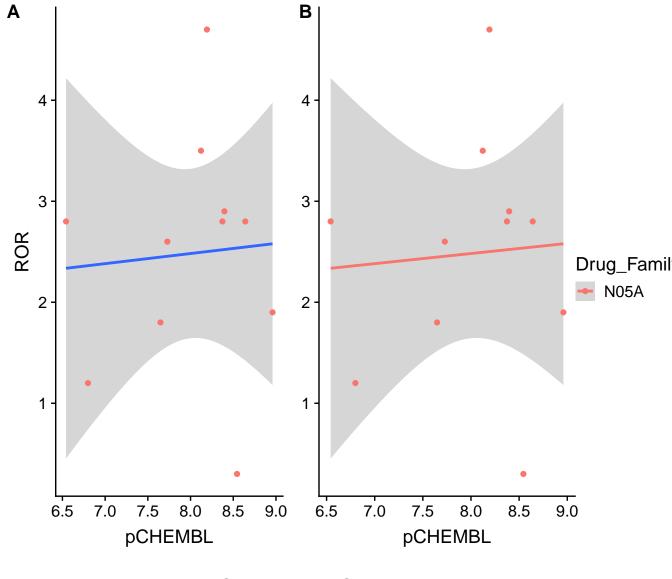






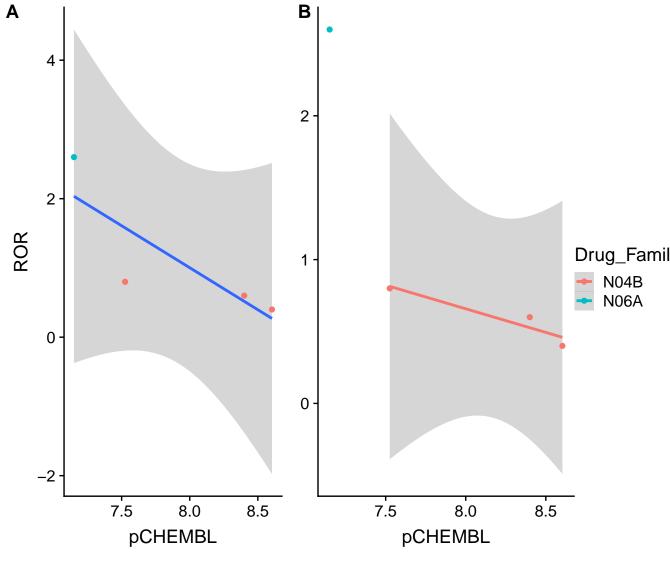




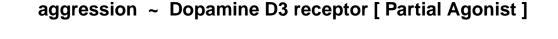


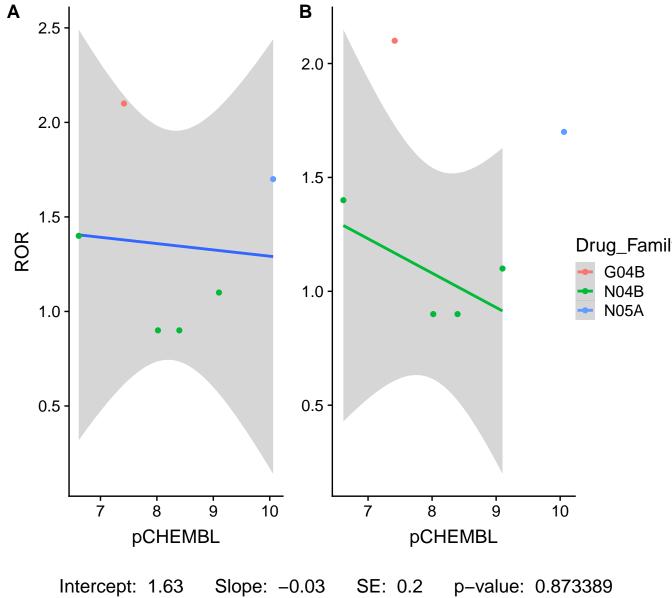
Intercept: 1.68 Slope: 0.1 SE: 0.51 p-value: 0.849488

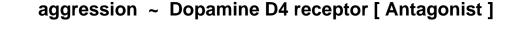


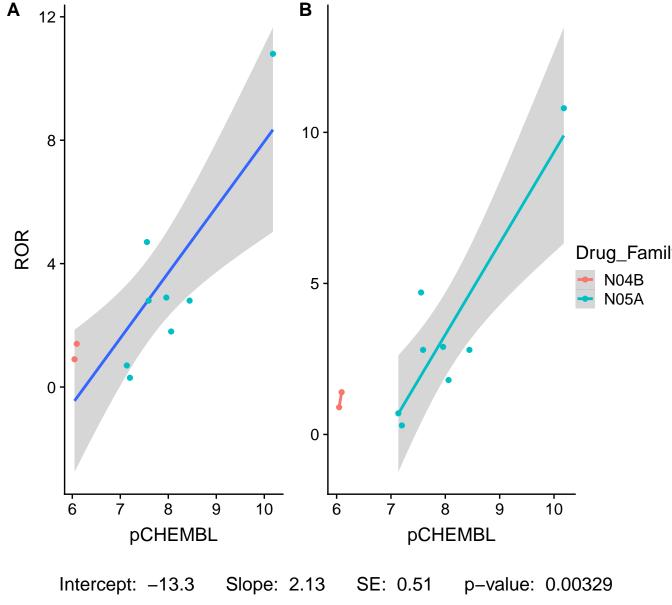


Intercept: 10.71 Slope: -1.21 SE: 0.57 p-value: 0.16841

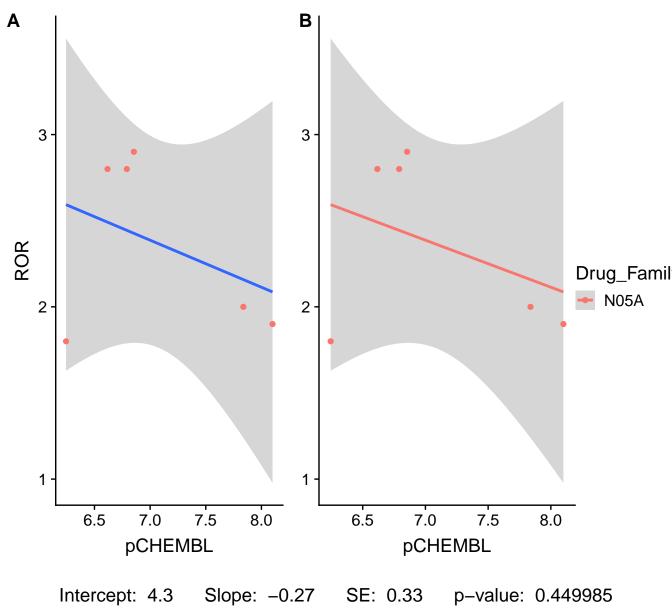


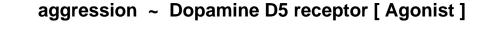


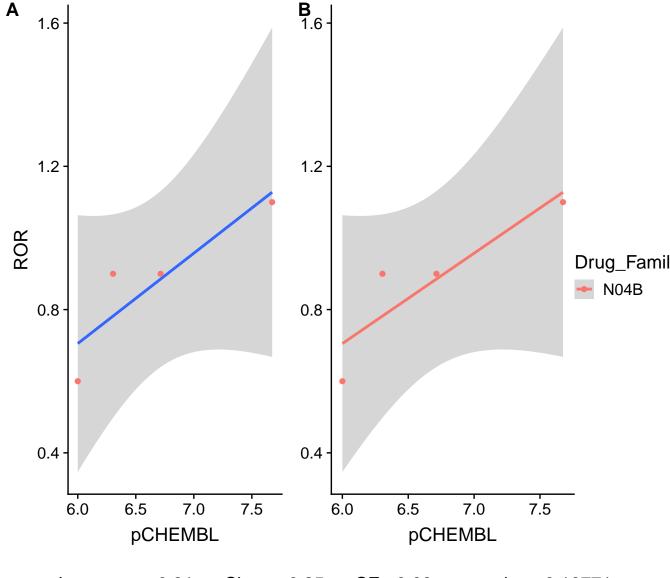




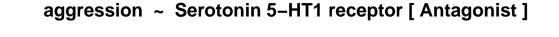


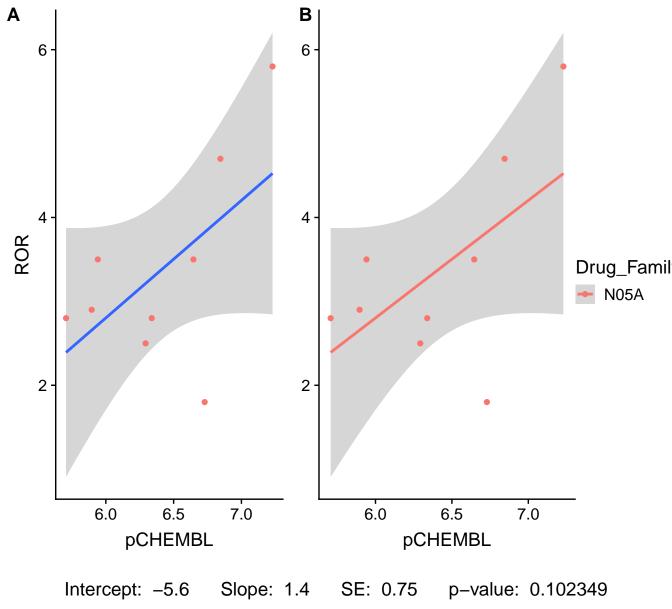




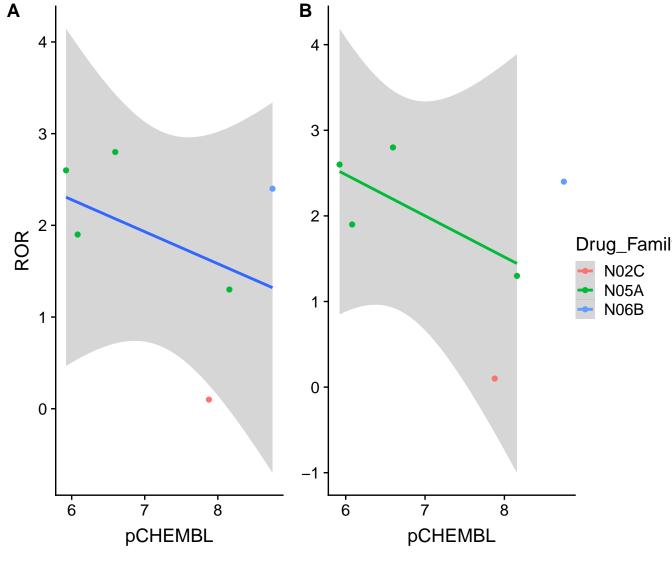


Intercept: -0.81 Slope: 0.25 SE: 0.09 p-value: 0.10771



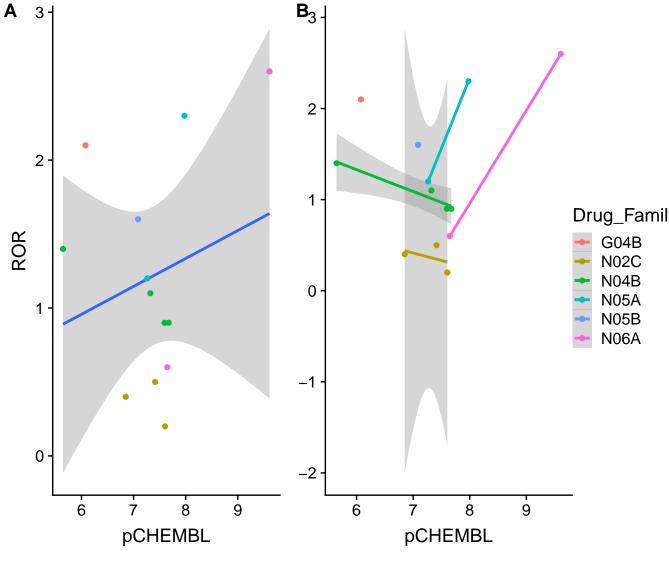


aggression ~ Serotonin 5-HT1 receptor [ Agonist ]



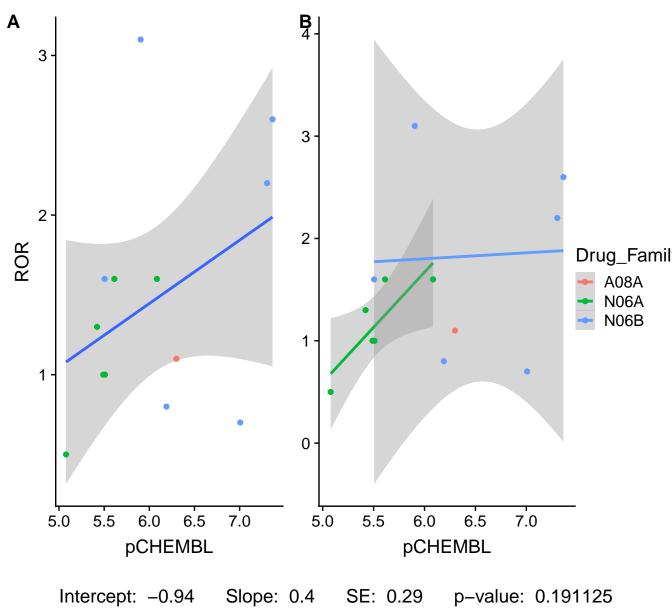
Intercept: 4.37 Slope: -0.35 SE: 0.39 p-value: 0.421907

aggression ~ Serotonin 5-HT1 receptor [ Partial Agonist ]

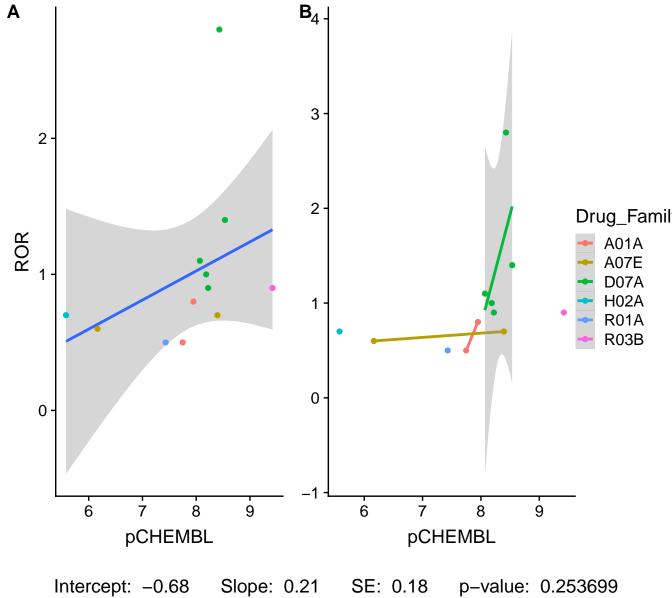


Intercept: -0.18 Slope: 0.19 SE: 0.23 p-value: 0.438564

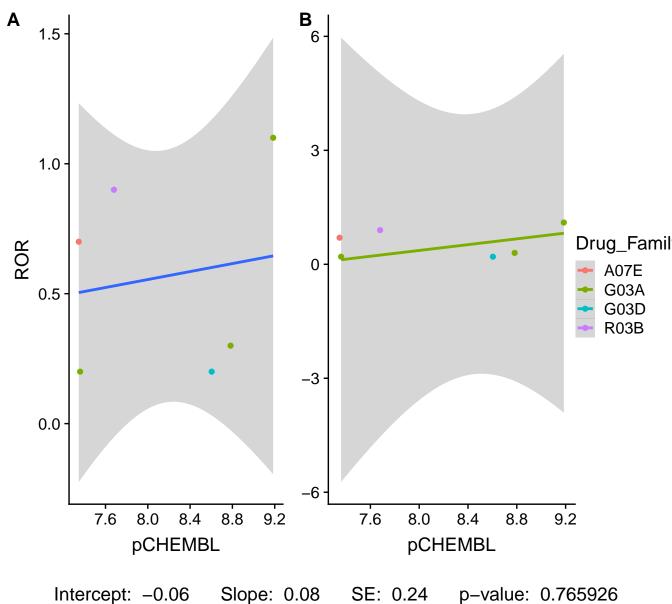
aggression ~ Dopamine transporter [ Antagonist ]



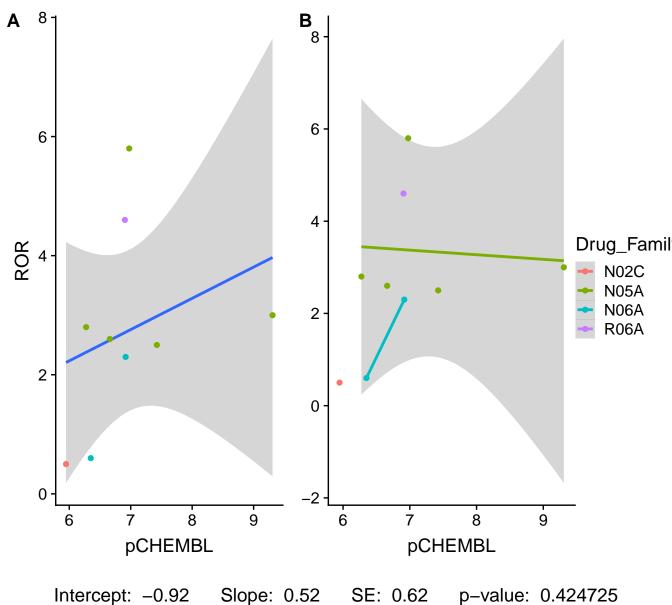




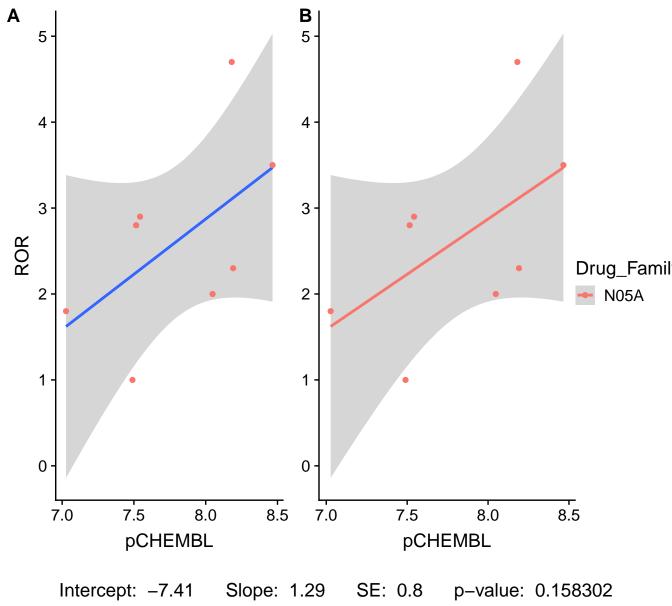




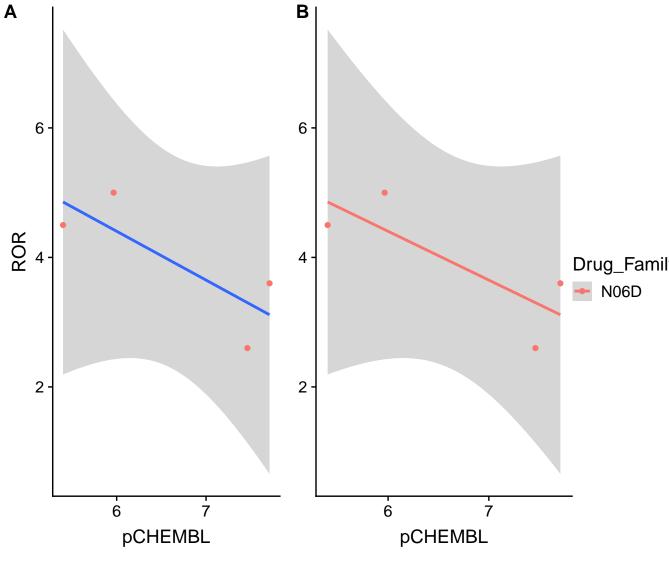
aggression ~ Serotonin 5-HT7 receptor [ Antagonist ]



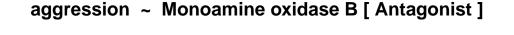


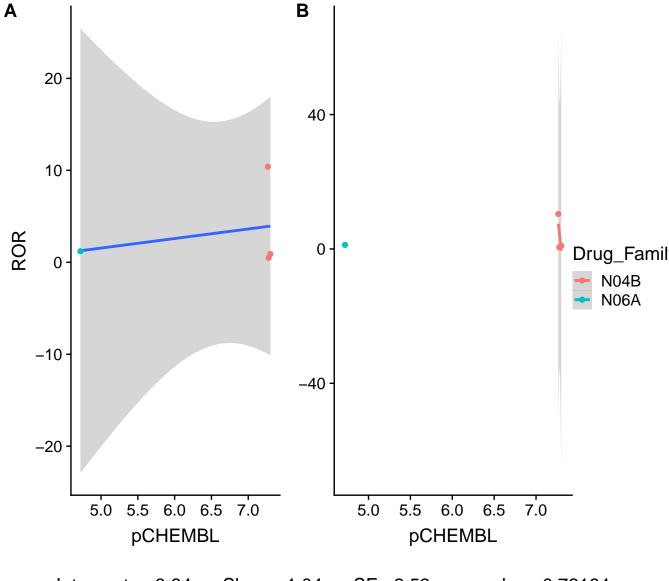






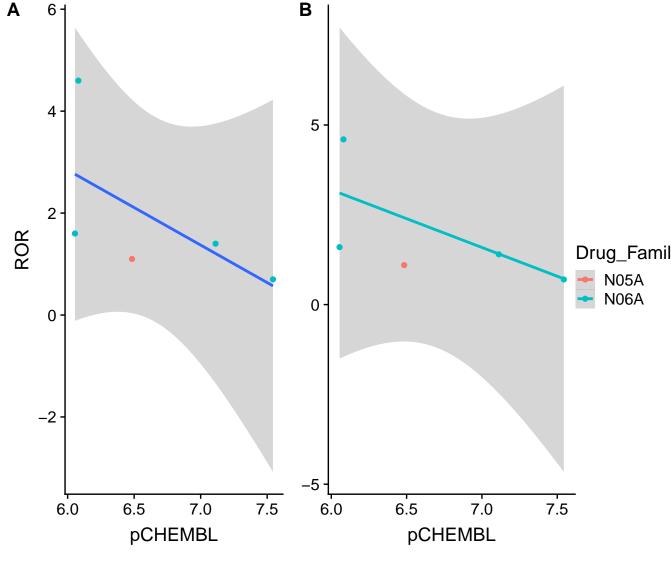
Intercept: 8.93 Slope: -0.75 SE: 0.39 p-value: 0.195301





Intercept: -3.64 Slope: 1.04 SE: 2.53 p-value: 0.72164

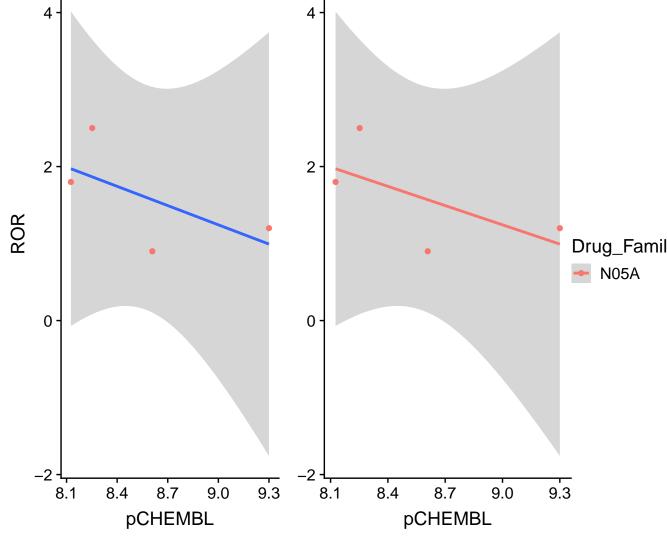
#### antisocial behaviour ~ Serotonin 5-HT2 receptor [ Antagonist ]



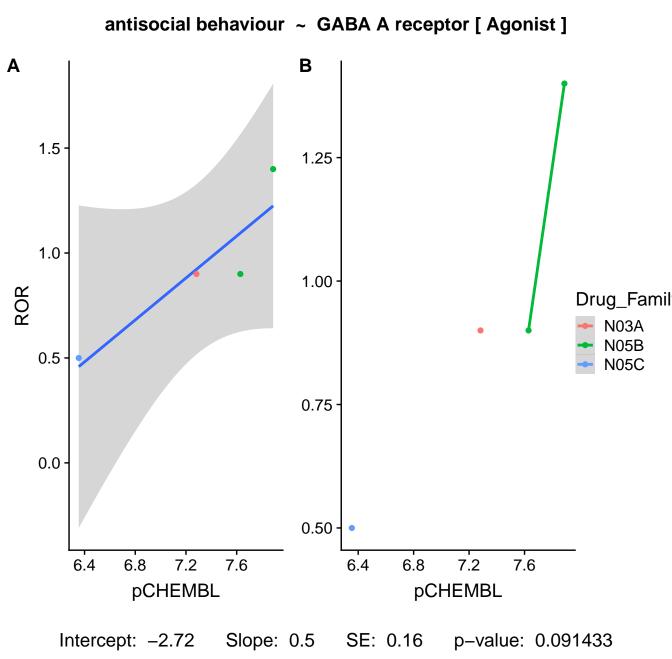
Intercept: 11.68 Slope: -1.47 SE: 1.08 p-value: 0.265391

#### Α В 4 -

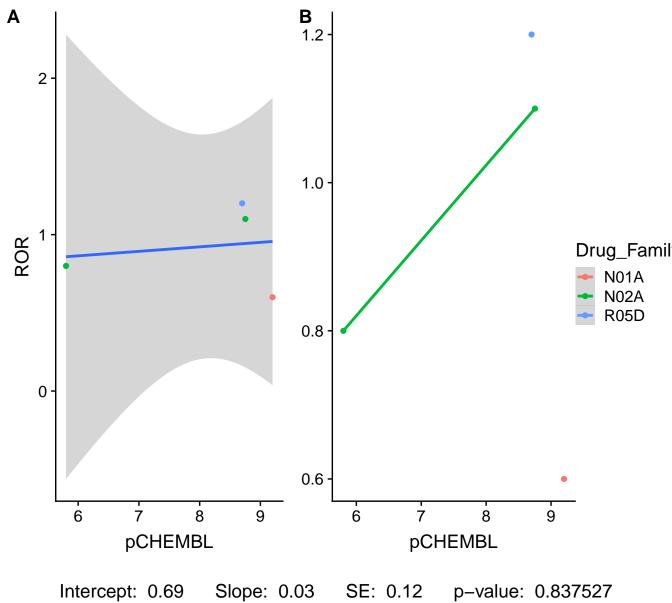
antisocial behaviour ~ Serotonin 5-HT2 receptor [ Inverse Agonist ]



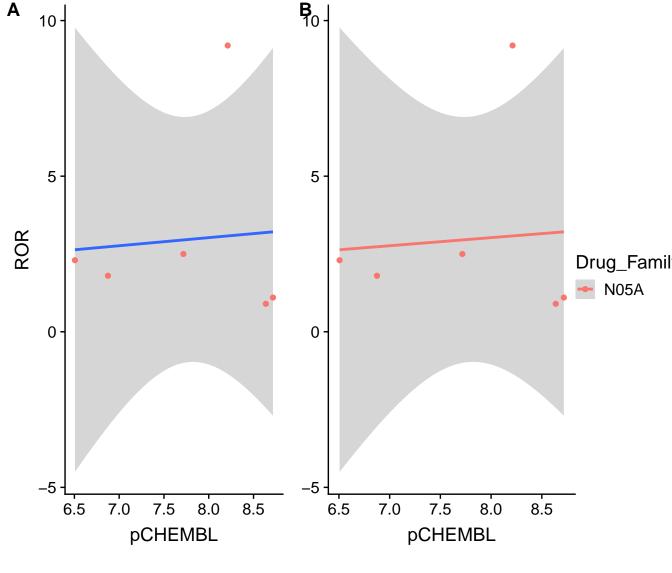
Slope: -0.83 SE: 0.74 Intercept: 8.74 p-value: 0.379165





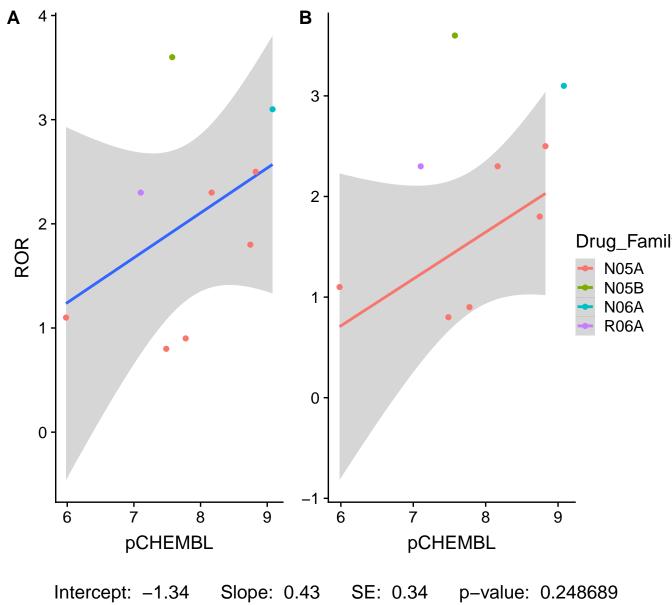




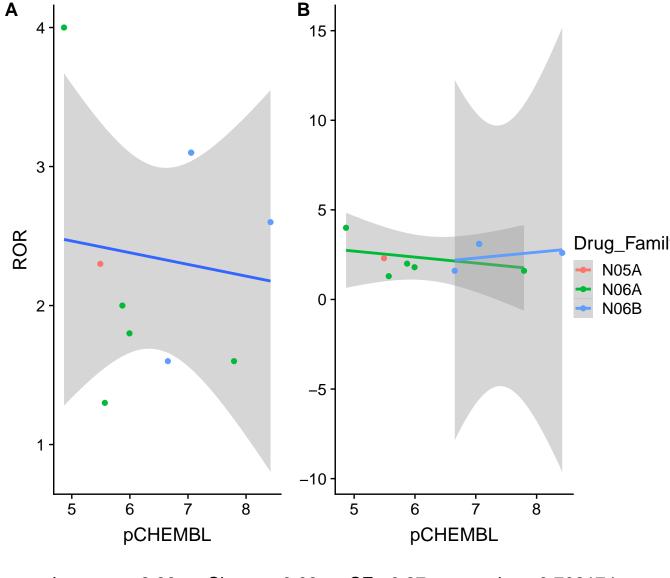


Intercept: 0.94 Slope: 0.26 SE: 1.69 p-value: 0.884988



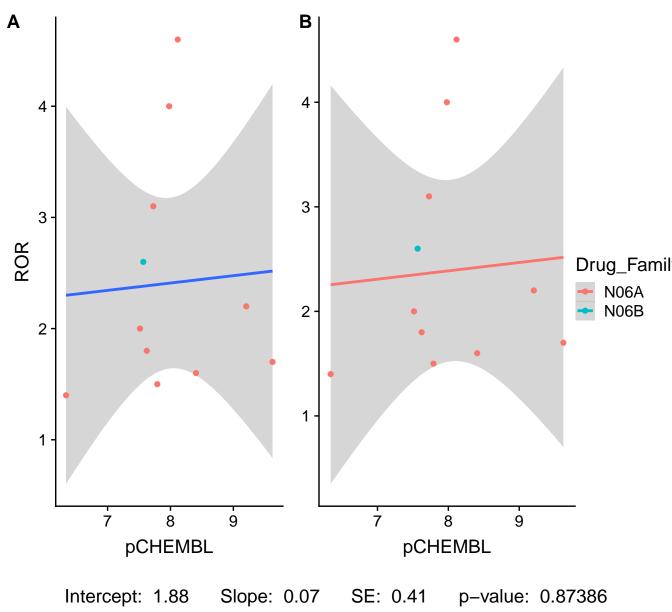


antisocial behaviour ~ Norepinephrine transporter [ Antagonist ]

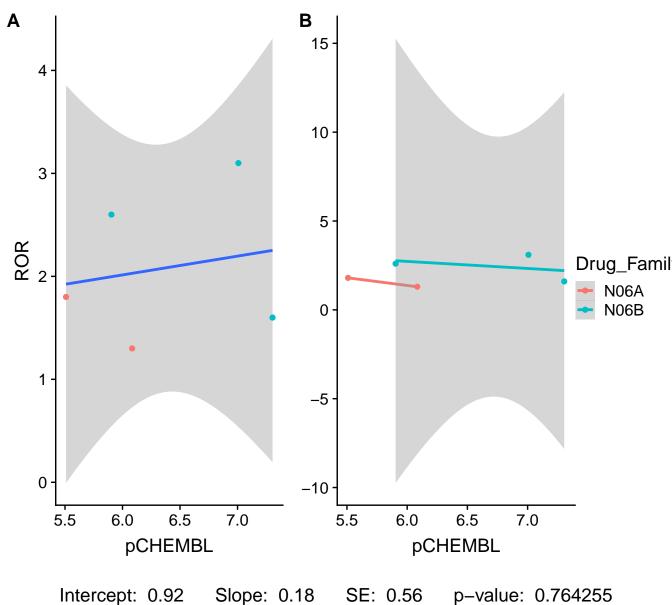


Intercept: 2.89 Slope: -0.08 SE: 0.27 p-value: 0.762174

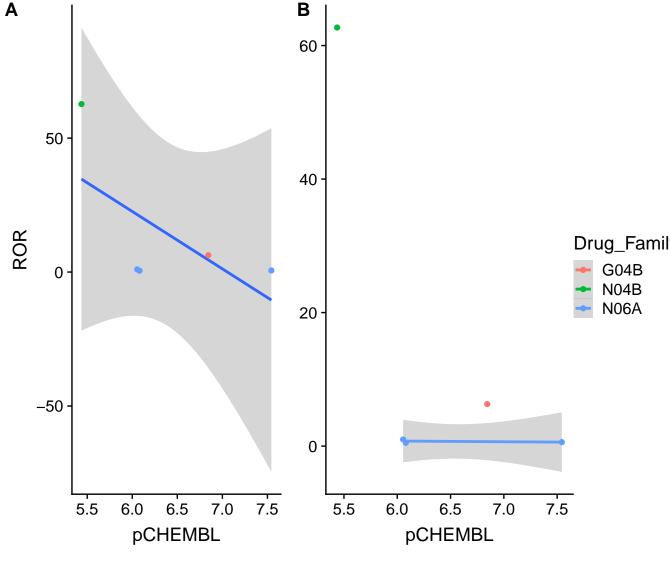




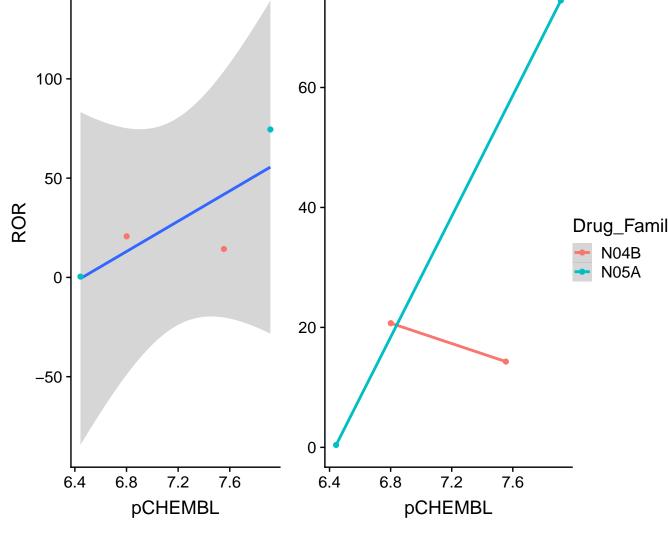
antisocial behaviour ~ Dopamine transporter [ Antagonist ]



## compulsive shopping ~ Serotonin 5–HT2 receptor [ Antagonist ]



Intercept: 151.17 Slope: -21.43 SE: 14.79 p-value: 0.243322



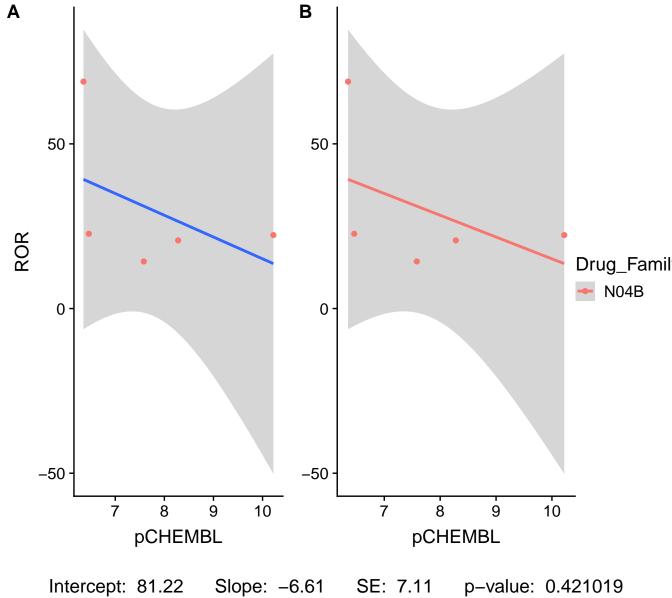
compulsive shopping ~ Serotonin 5-HT2 receptor [ Partial Agonist ]

В

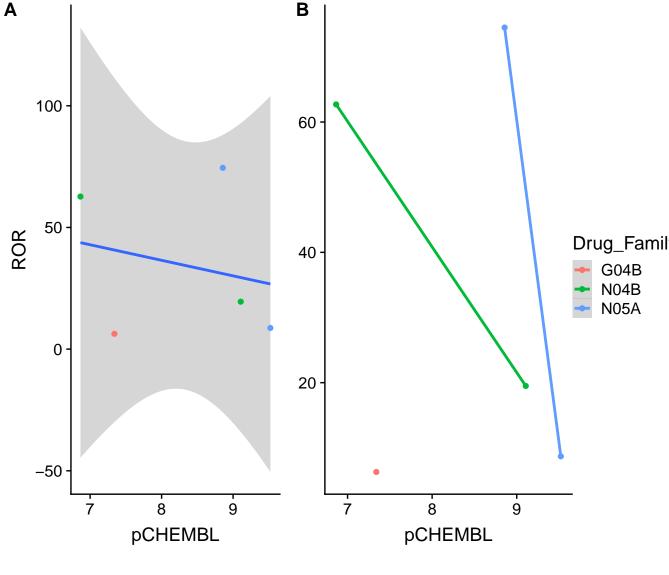
150 7

Intercept: -246.37 Slope: 38.15 SE: 20.74 p-value: 0.207246



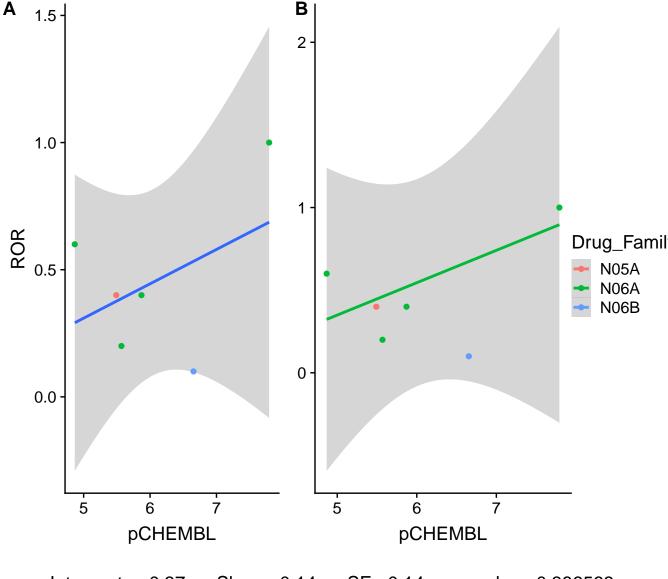


compulsive shopping ~ Dopamine D2 receptor [ Partial Agonist ]



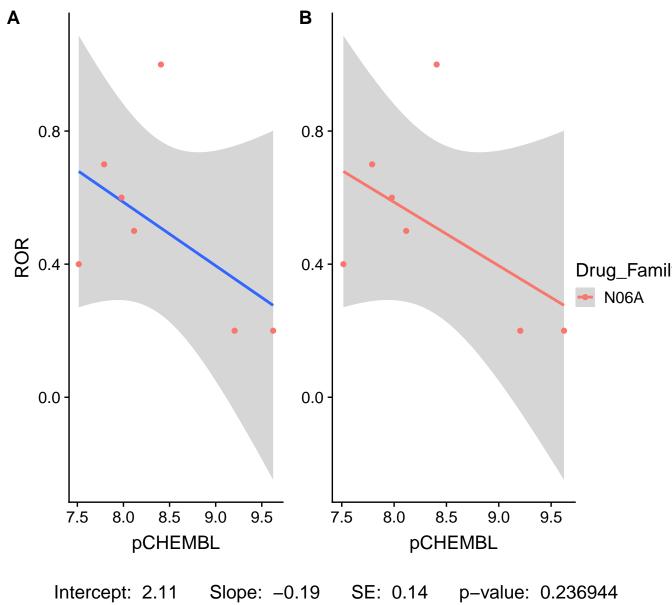
Intercept: 87.68 Slope: -6.4 SE: 15.4 p-value: 0.705685

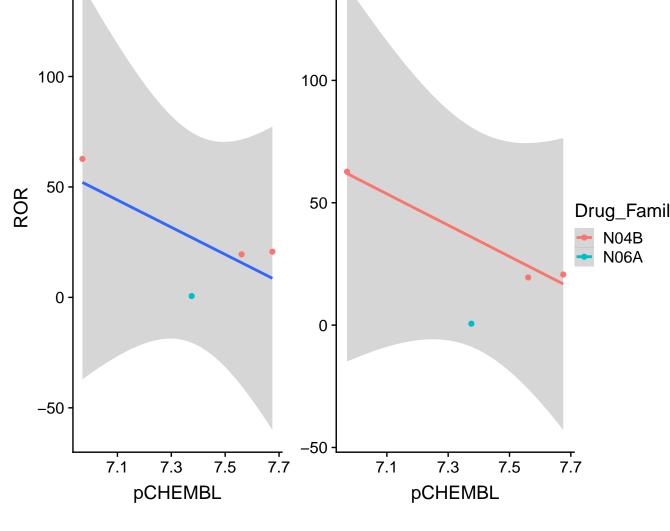




Intercept: -0.37 Slope: 0.14 SE: 0.14 p-value: 0.386563

#### compulsive shopping ~ Serotonin transporter [ Antagonist ]





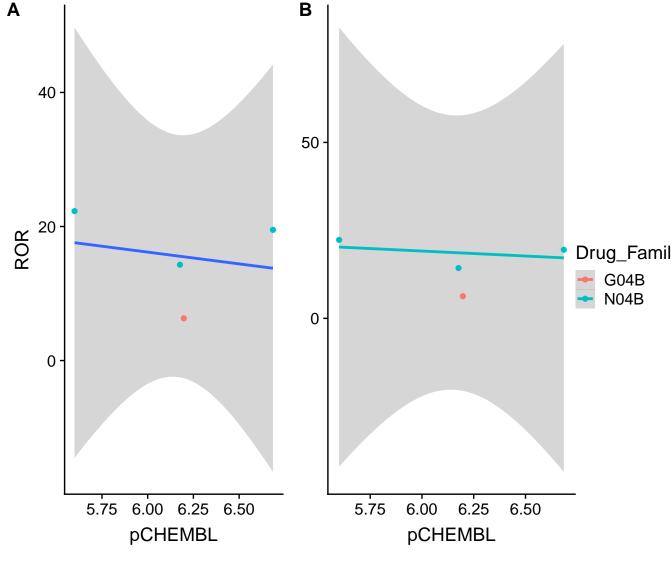
compulsive shopping ~ Adrenergic Alpha2 receptor [ Antagonist ]

В

150 †

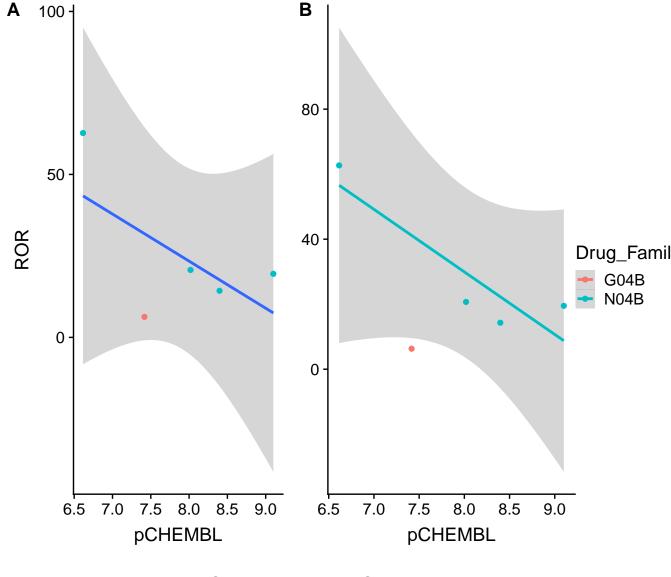
Intercept: 481.17 Slope: -61.56 SE: 41.21 p-value: 0.273818

compulsive shopping ~ Dopamine D1 receptor [ Agonist ]



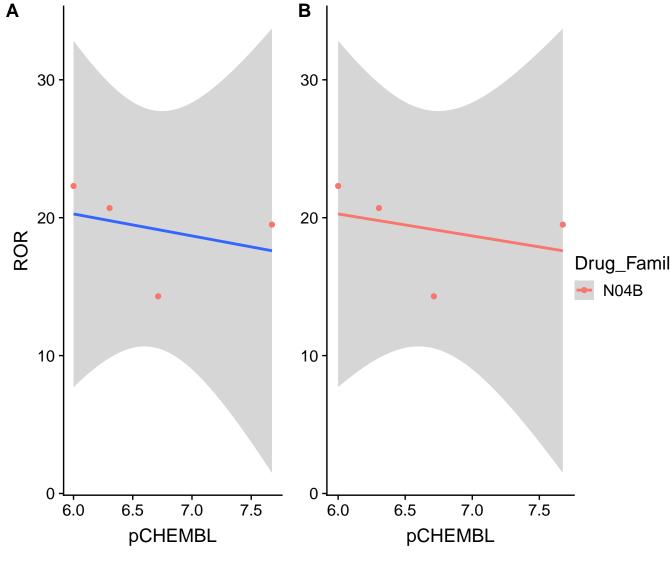
Intercept: 37.26 Slope: -3.51 SE: 10.92 p-value: 0.778196

### compulsive shopping ~ Dopamine D3 receptor [ Partial Agonist ]



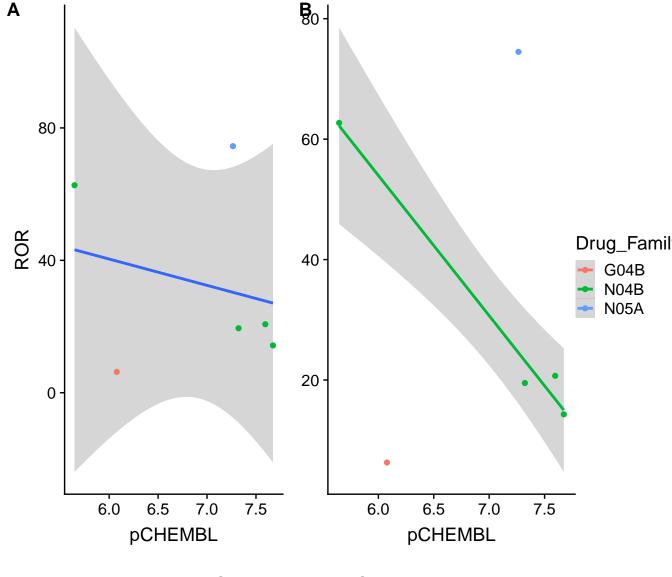
Intercept: 139.01 Slope: -14.45 SE: 10.49 p-value: 0.262227





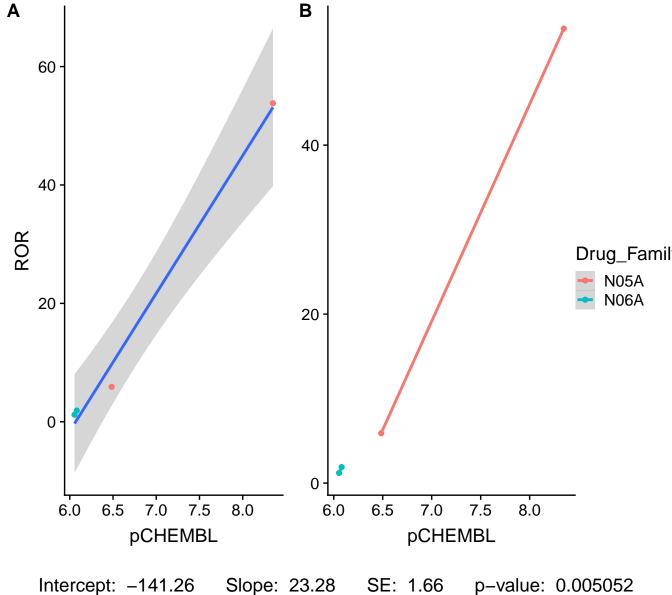
Intercept: 29.83 Slope: -1.59 SE: 3.16 p-value: 0.664545

# compulsive shopping ~ Serotonin 5–HT1 receptor [ Partial Agonist ]

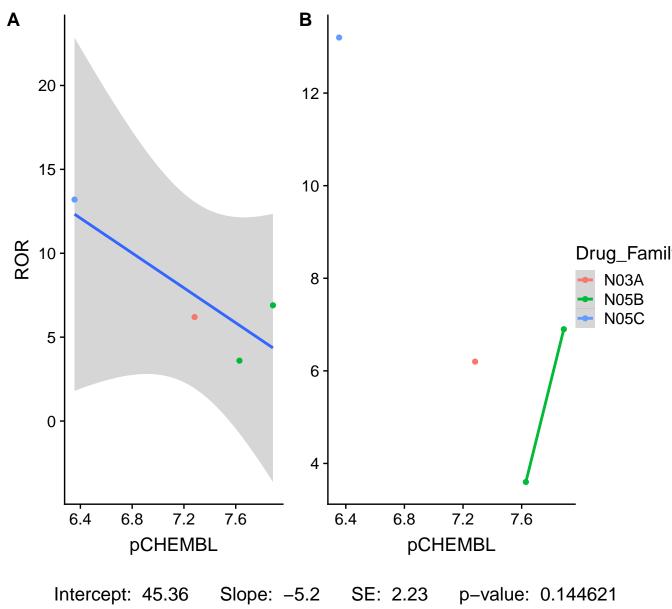


Intercept: 88.07 Slope: -7.95 SE: 16.1 p-value: 0.647497

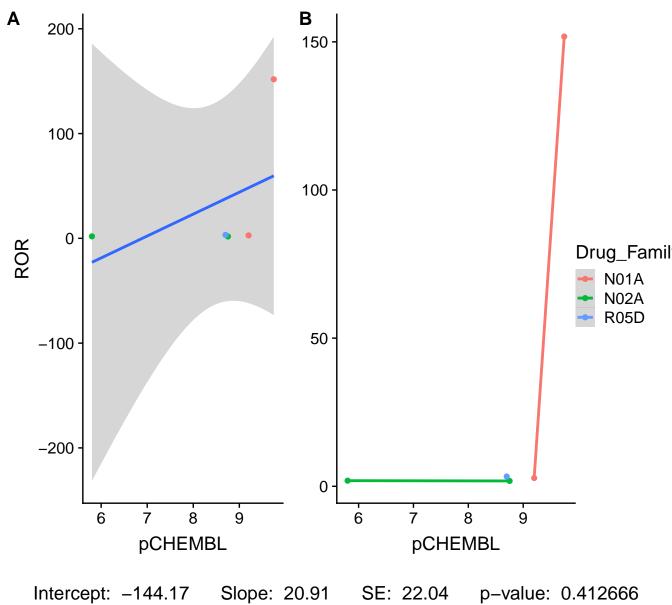
crime ~ Serotonin 5–HT2 receptor [ Antagonist ]



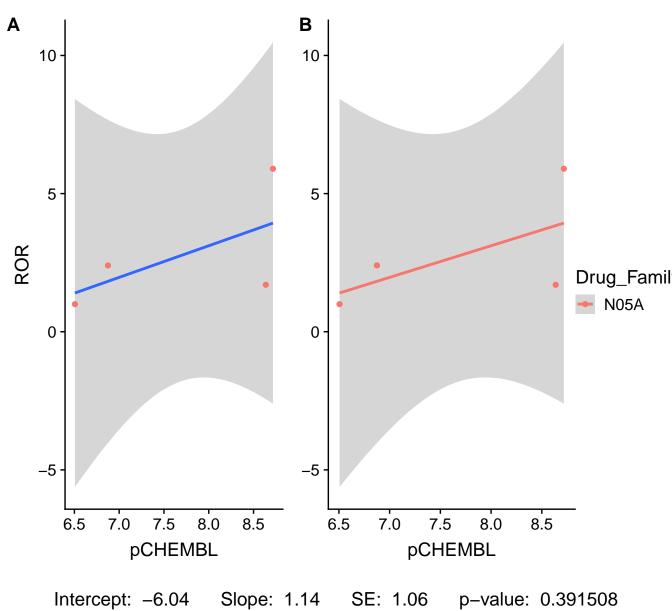




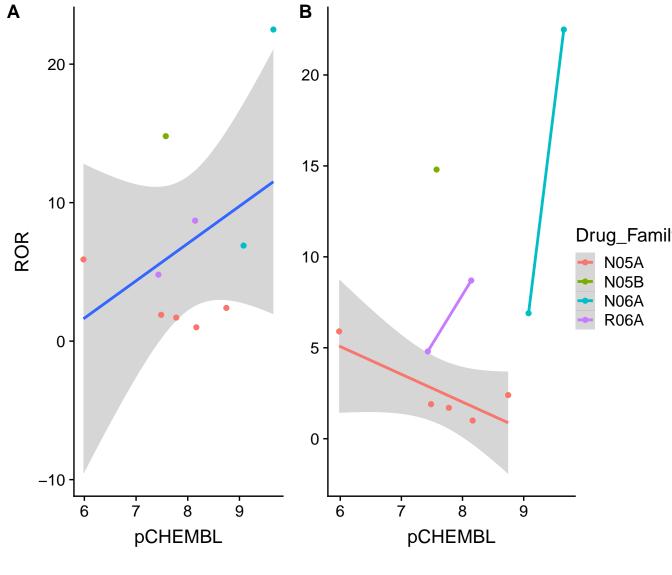




crime ~ Dopamine D2 receptor [ Antagonist ]

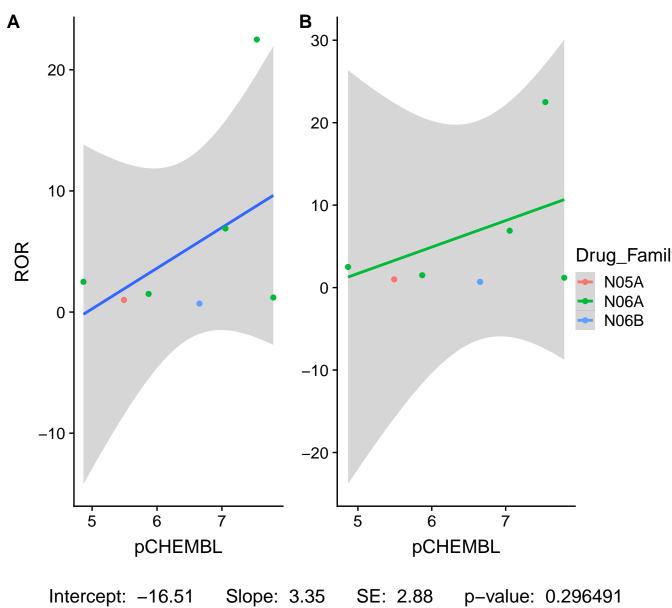


crime ~ Histamine H1 receptor [ Antagonist ]

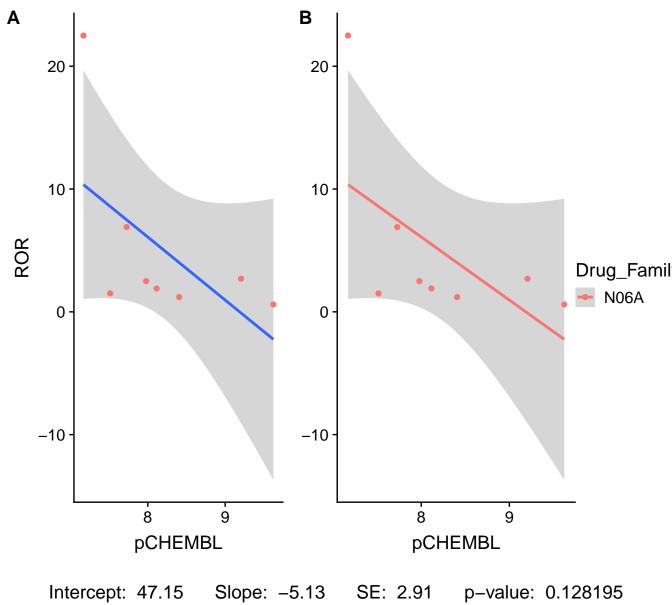


Intercept: -14.5 Slope: 2.69 SE: 2.17 p-value: 0.248782

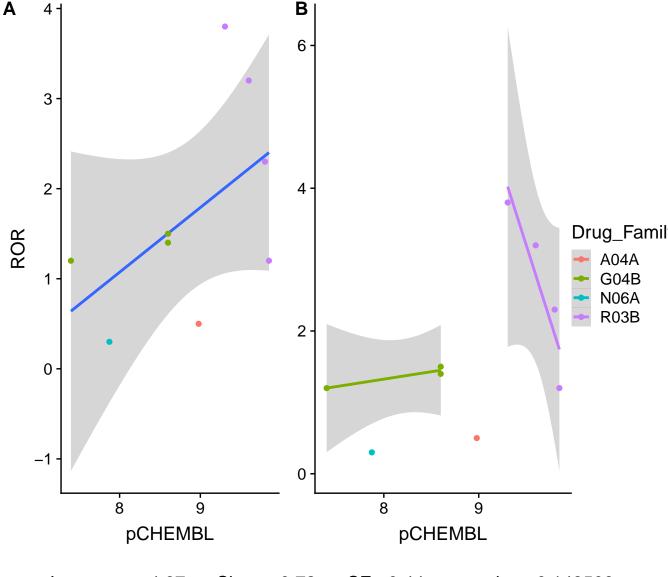
crime ~ Norepinephrine transporter [ Antagonist ]





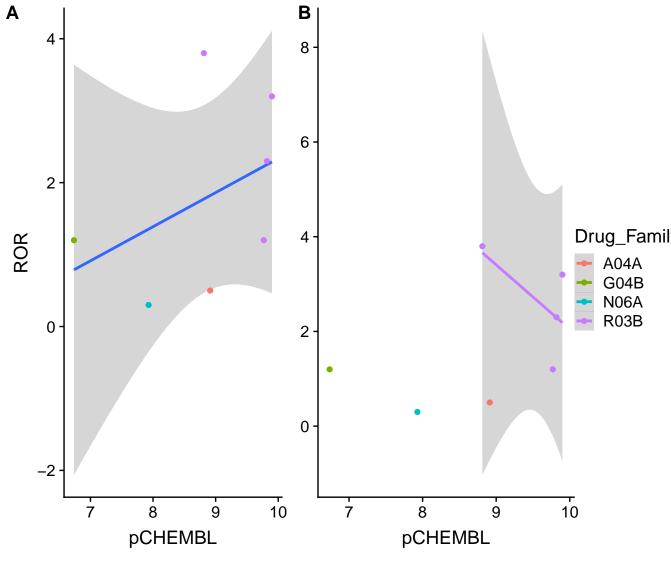


disability ~ Muscarinic M1 receptor [ Antagonist ]



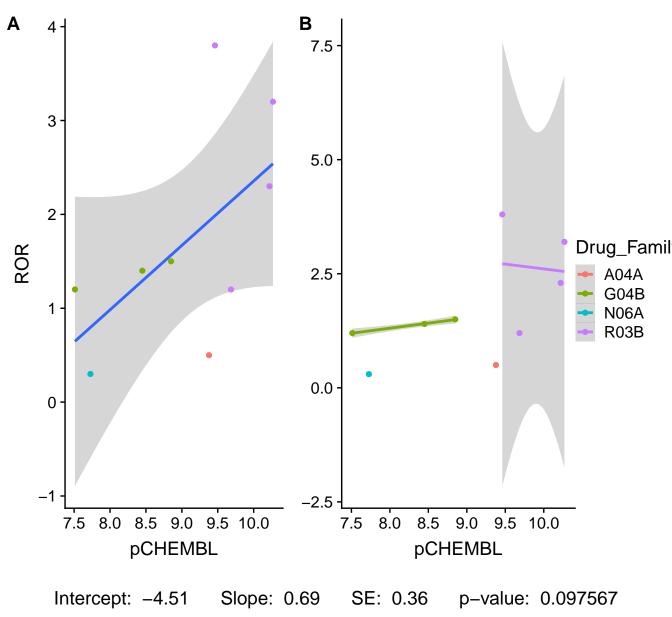
Intercept: -4.67 Slope: 0.72 SE: 0.44 p-value: 0.148509

disability ~ Muscarinic M2 receptor [ Antagonist ]

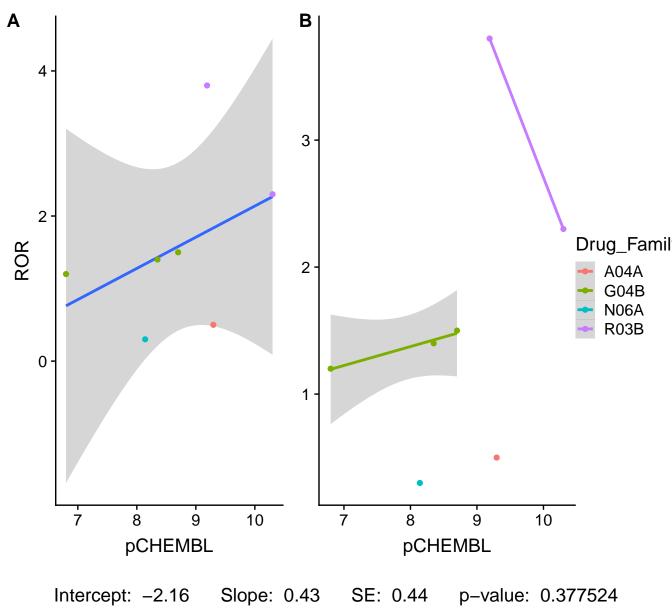


Intercept: -2.41 Slope: 0.47 SE: 0.47 p-value: 0.358185

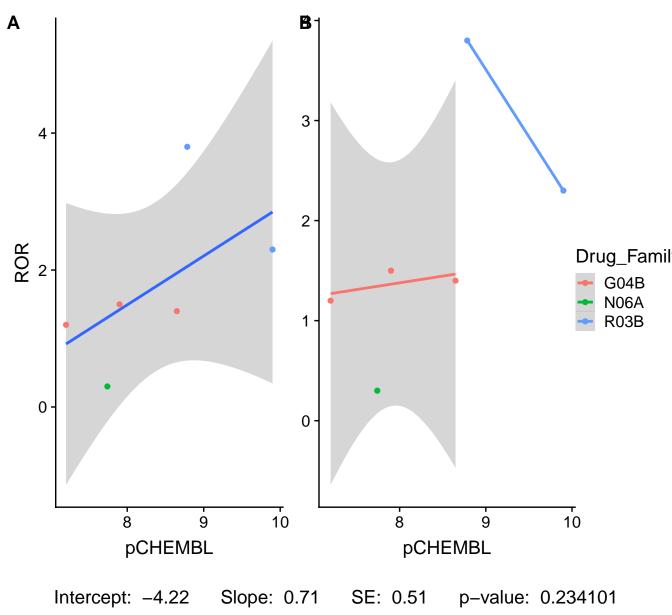
disability ~ Muscarinic M3 receptor [ Antagonist ]



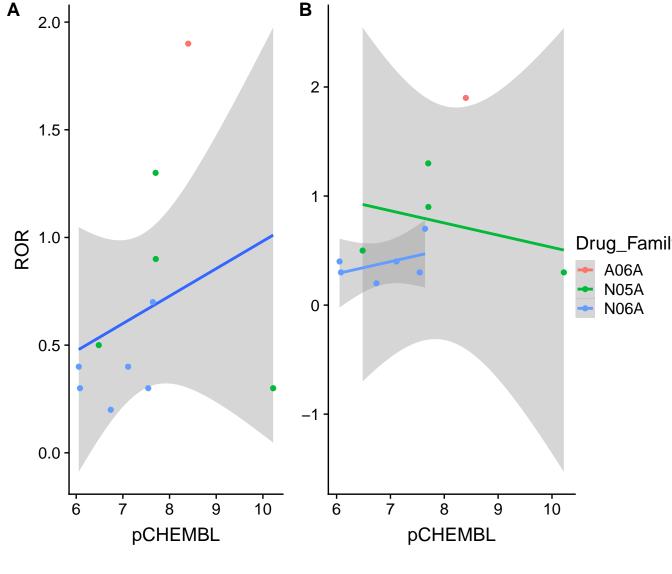
disability ~ Muscarinic M4 receptor [ Antagonist ]



disability ~ Muscarinic M5 receptor [ Antagonist ]

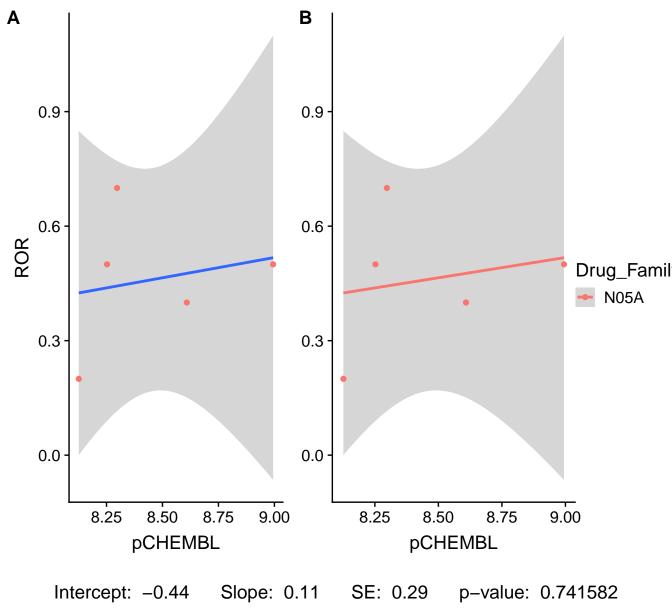


disability ~ Serotonin 5-HT2 receptor [ Antagonist ]

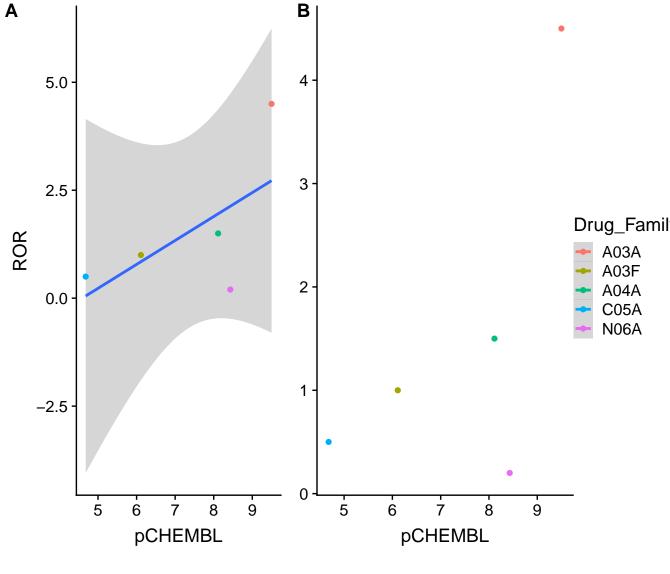


Intercept: -0.29 Slope: 0.13 SE: 0.14 p-value: 0.390381

disability ~ Serotonin 5–HT2 receptor [ Inverse Agonist ]

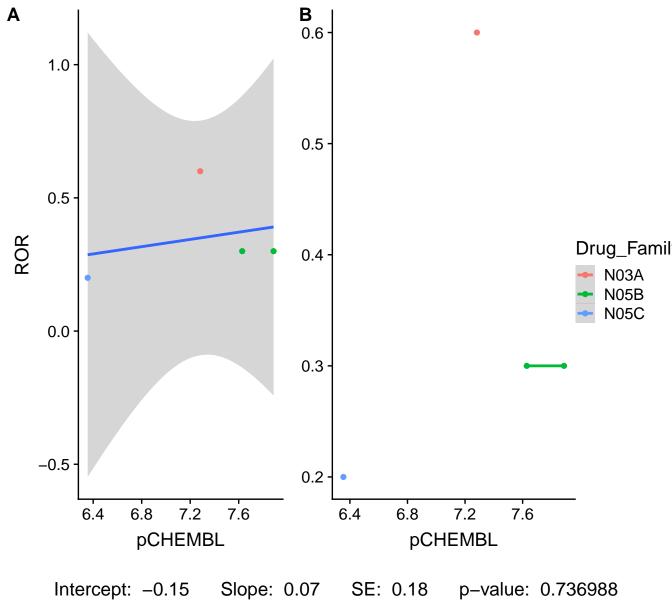




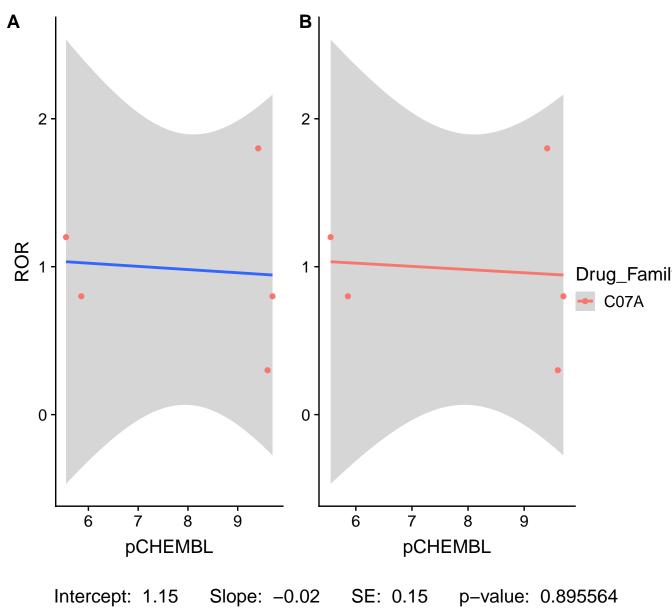


Intercept: -2.54 Slope: 0.55 SE: 0.4 p-value: 0.262499

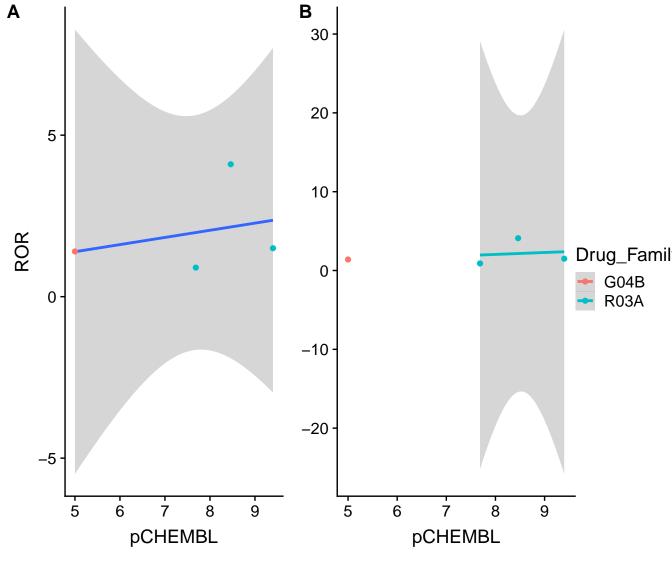




disability ~ Adrenergic Beta2 receptor [ Antagonist ]

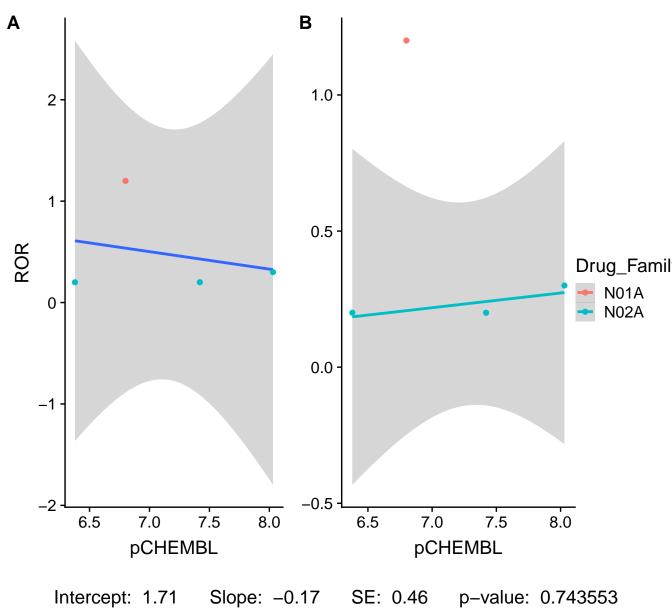


disability ~ Adrenergic Beta2 receptor [ Agonist ]

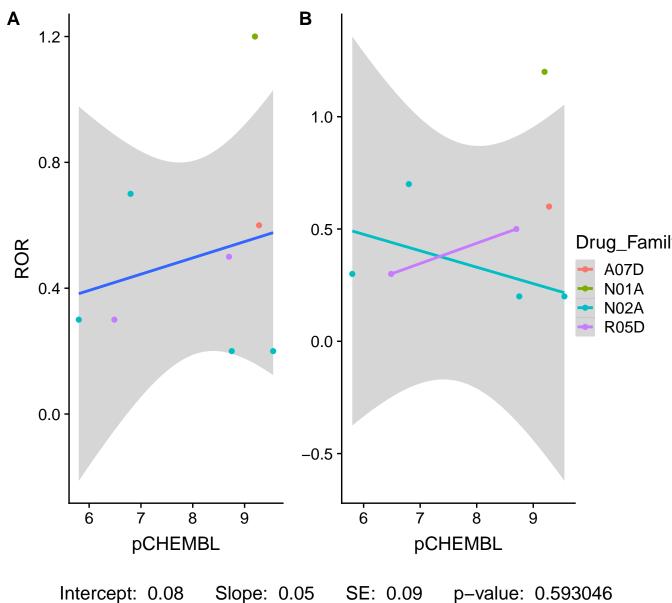


Intercept: 0.28 Slope: 0.22 SE: 0.52 p-value: 0.709139

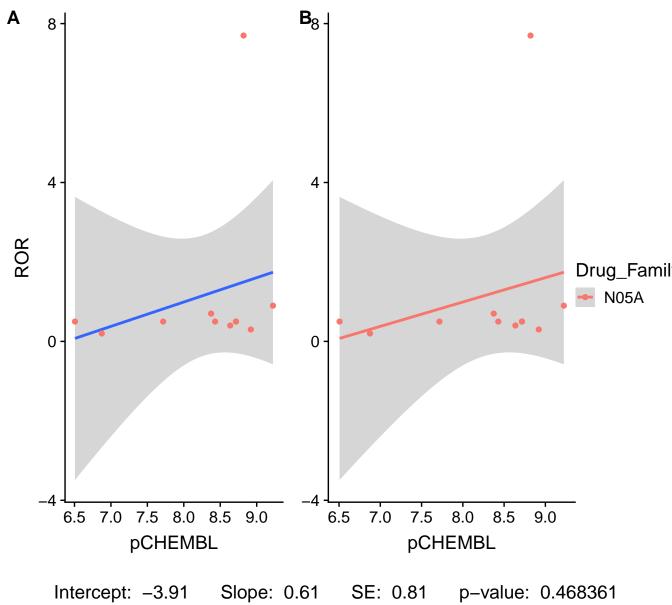
disability ~ Delta opioid receptor [ Agonist ]



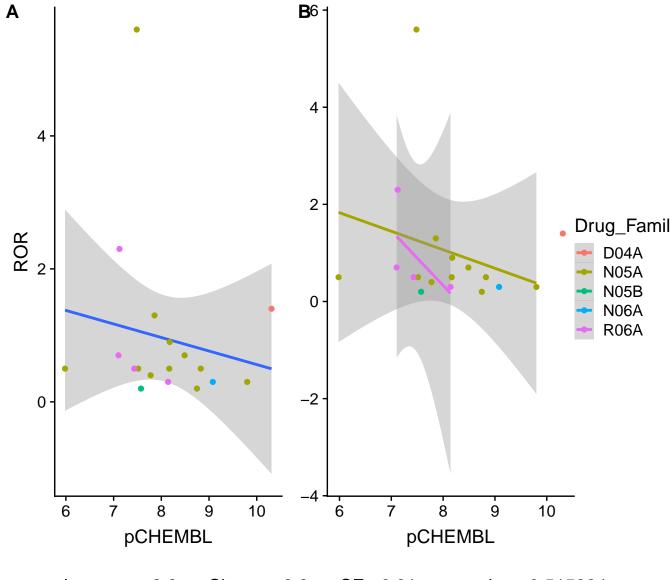




## disability ~ Dopamine D2 receptor [ Antagonist ]

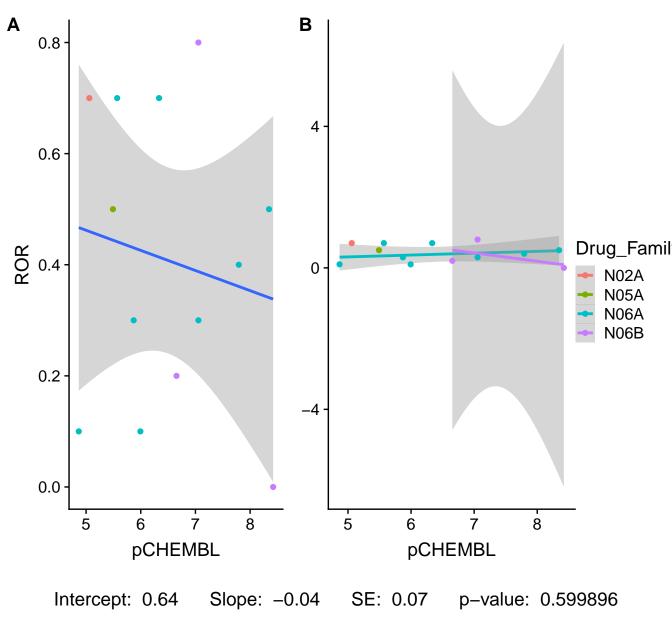


## disability ~ Histamine H1 receptor [ Antagonist ]

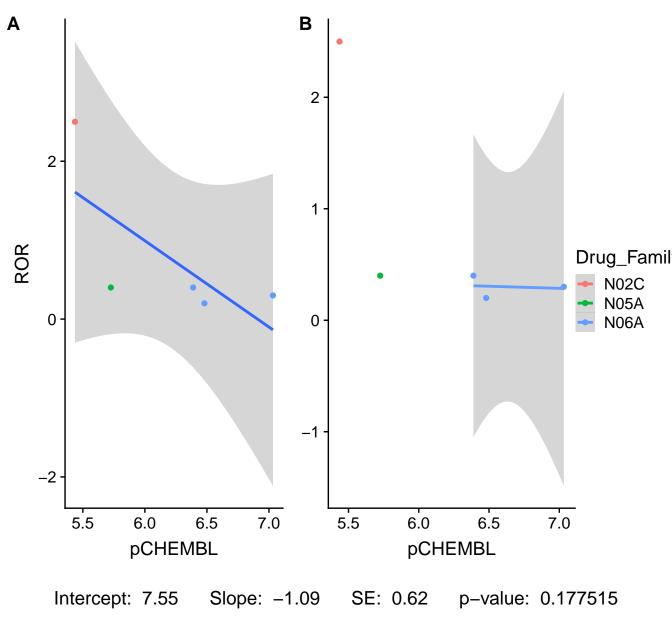


Intercept: 2.6 Slope: -0.2 SE: 0.31 p-value: 0.515824

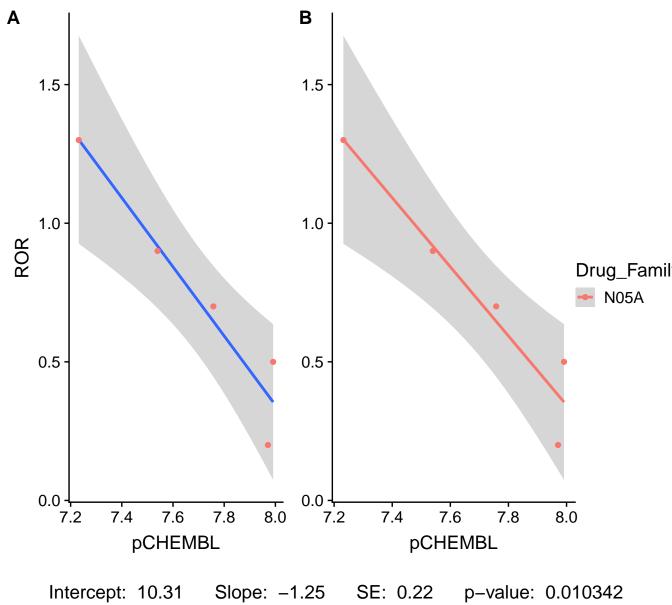
disability ~ Norepinephrine transporter [ Antagonist ]

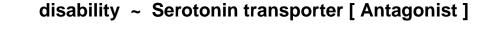


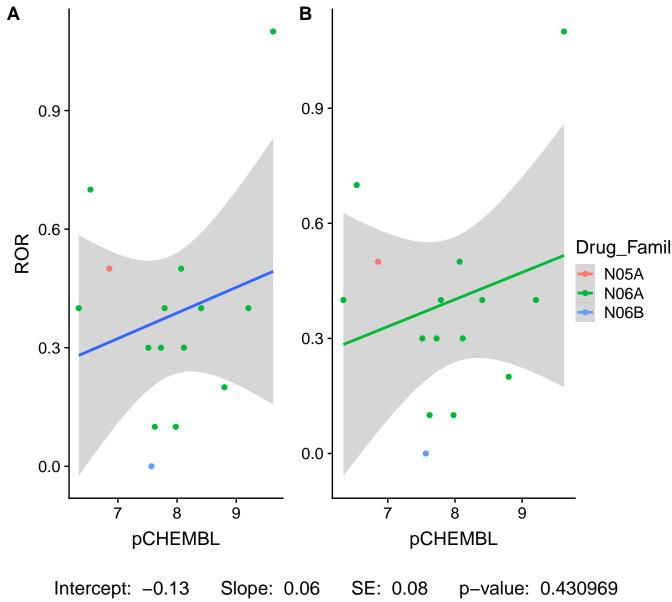
disability ~ Serotonin 5-HT6 receptor [ Antagonist ]



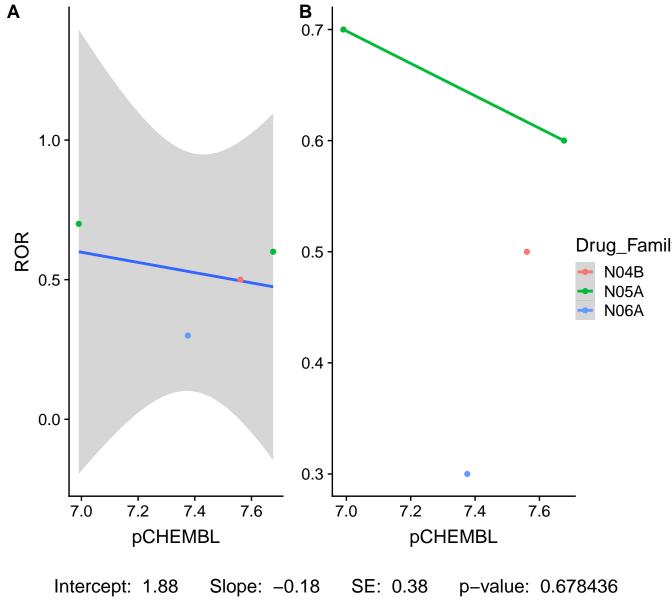
disability ~ Serotonin 5-HT6 receptor [ Inverse Agonist ]



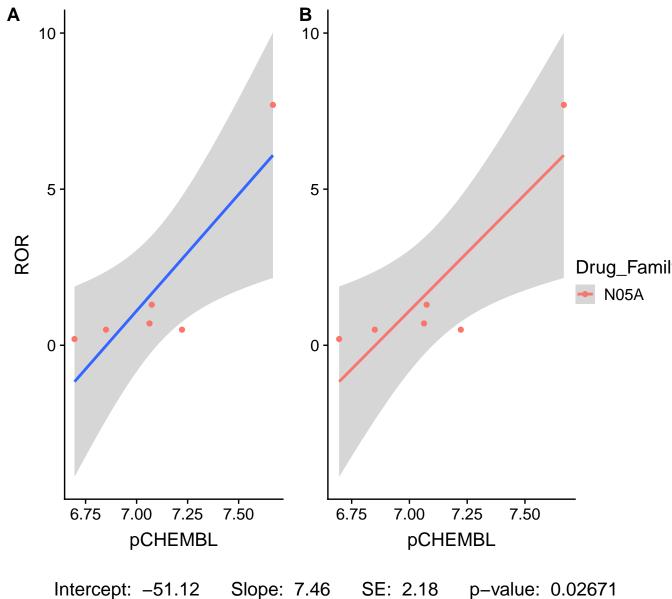




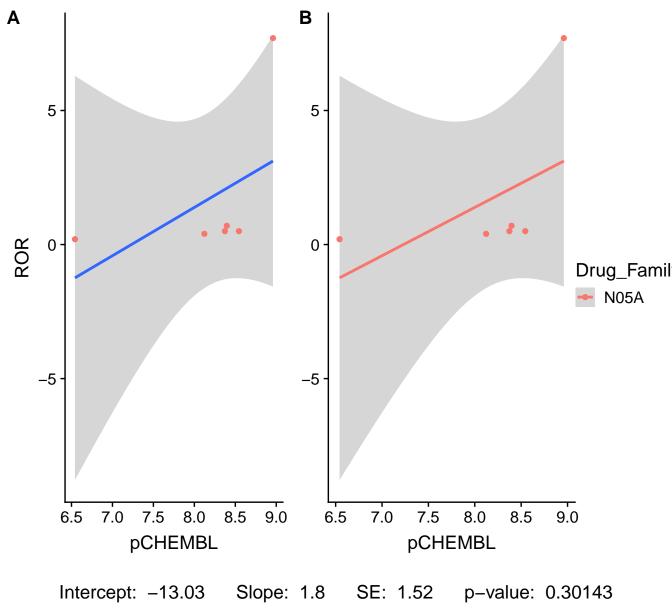




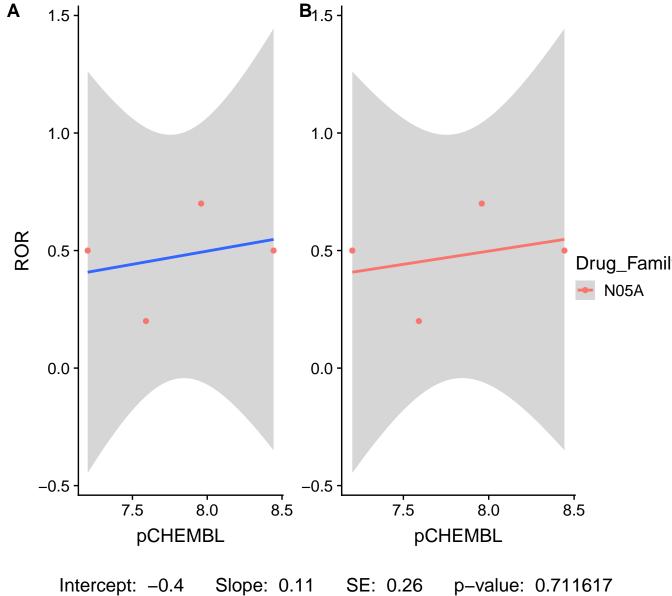


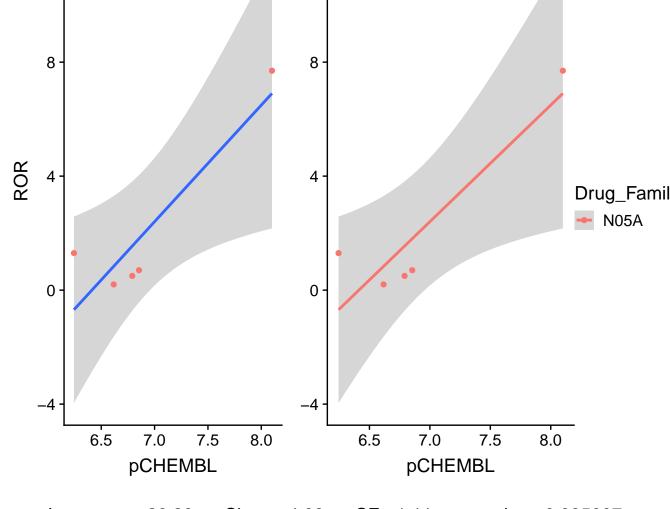












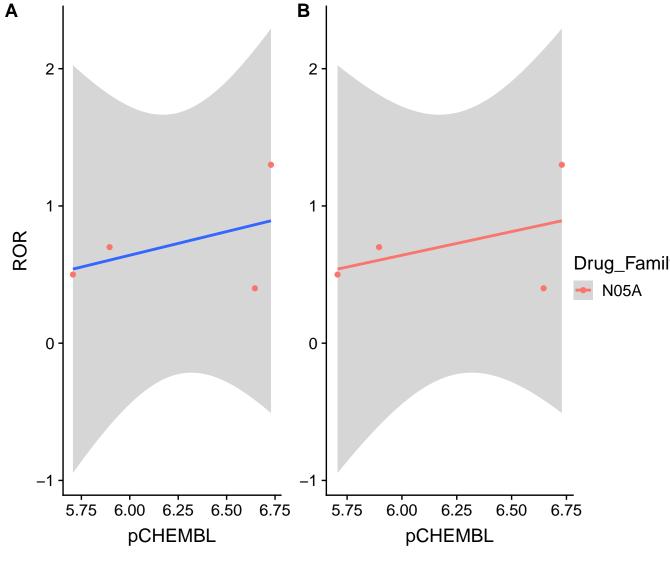
disability ~ Dopamine D5 receptor [ Antagonist ]

**B**<sub>2</sub>

12

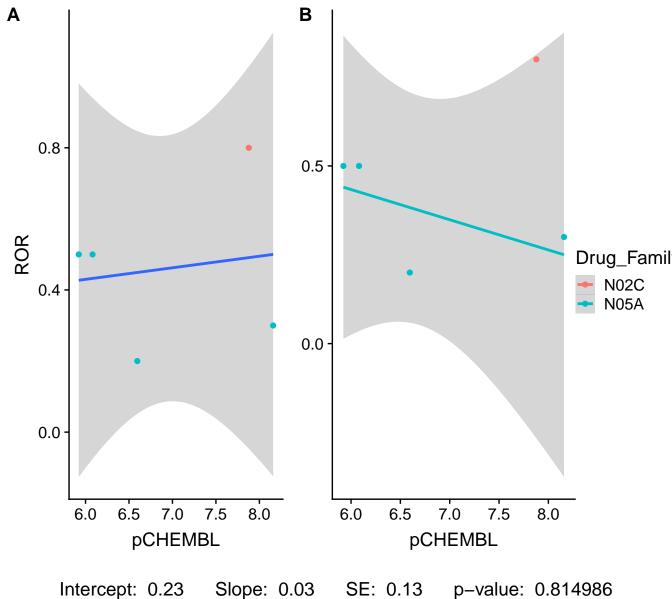
Intercept: -26.23 Slope: 4.09 SE: 1.11 p-value: 0.035007

disability ~ Serotonin 5-HT1 receptor [ Antagonist ]

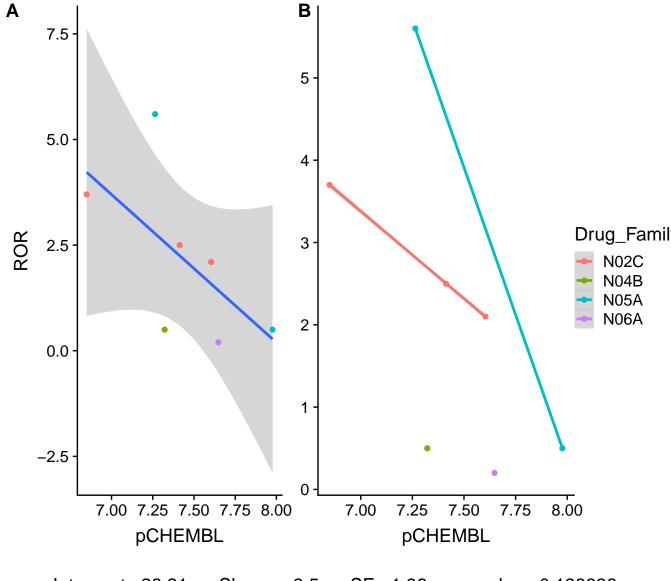


Intercept: -1.42 Slope: 0.34 SE: 0.49 p-value: 0.557058

disability ~ Serotonin 5–HT1 receptor [ Agonist ]

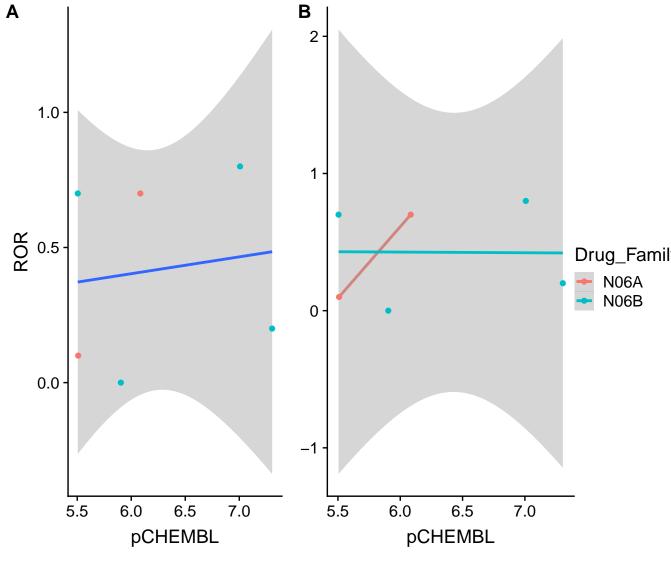


disability ~ Serotonin 5–HT1 receptor [ Partial Agonist ]



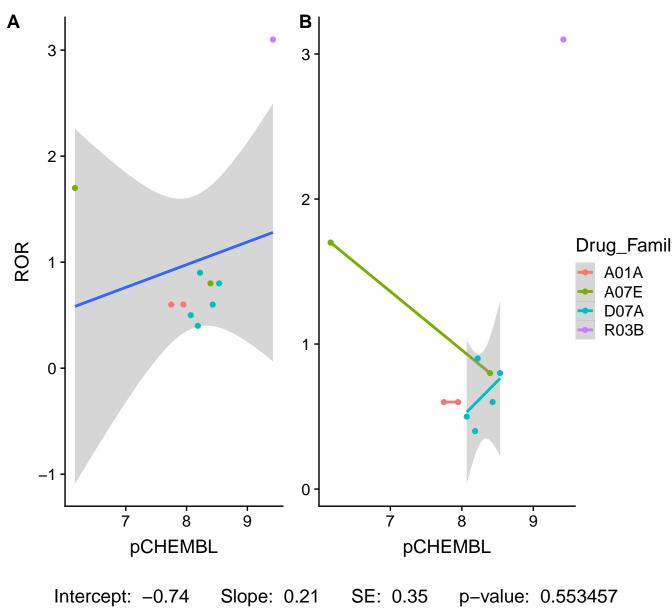
Intercept: 28.21 Slope: -3.5 SE: 1.96 p-value: 0.133838

disability ~ Dopamine transporter [ Antagonist ]

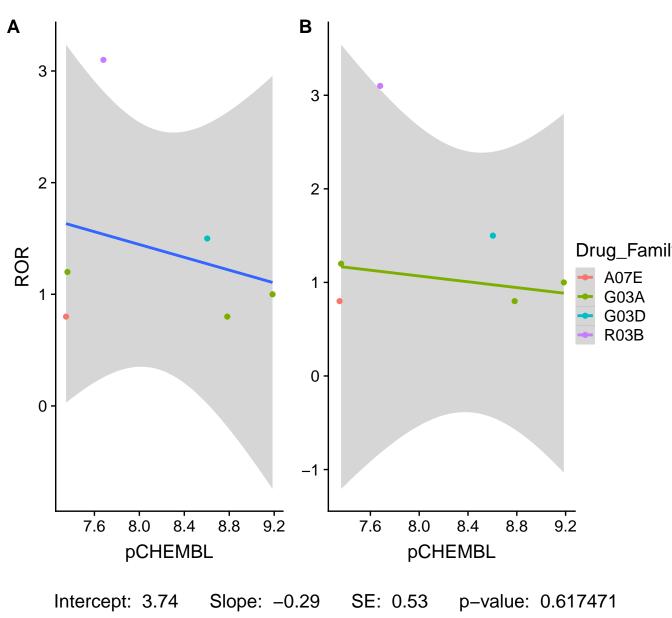


Intercept: 0.03 Slope: 0.06 SE: 0.23 p-value: 0.799388

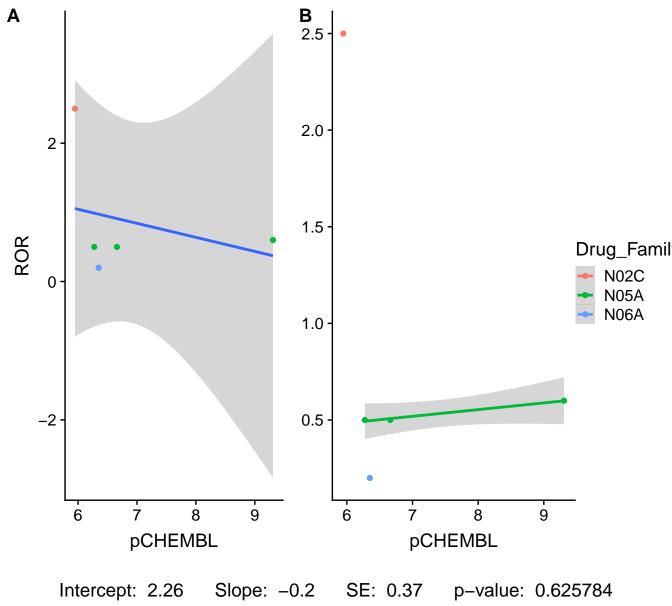




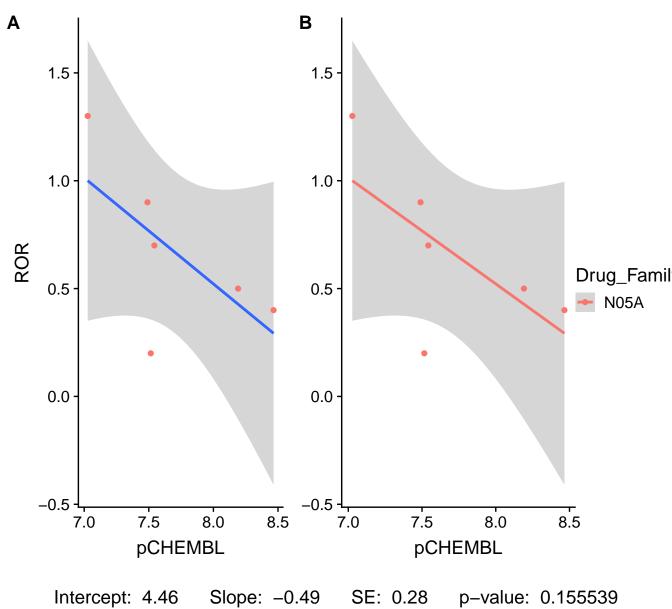
disability ~ Progesterone receptor [ Agonist ]



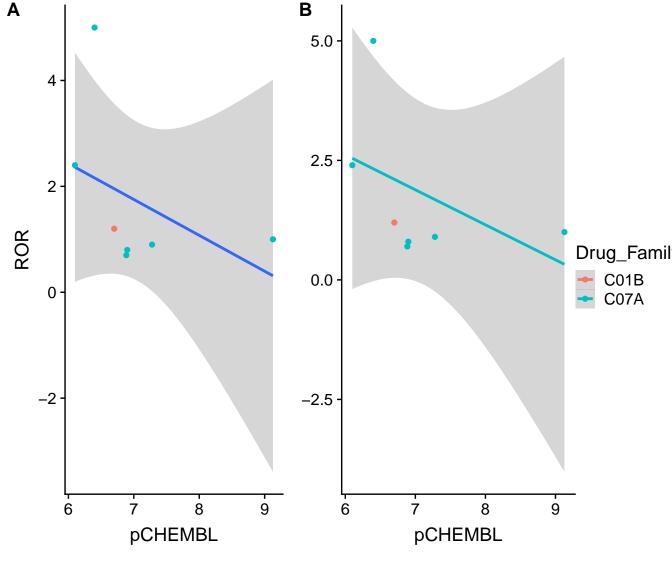




disability ~ Serotonin 5-HT7 receptor [ Inverse Agonist ]

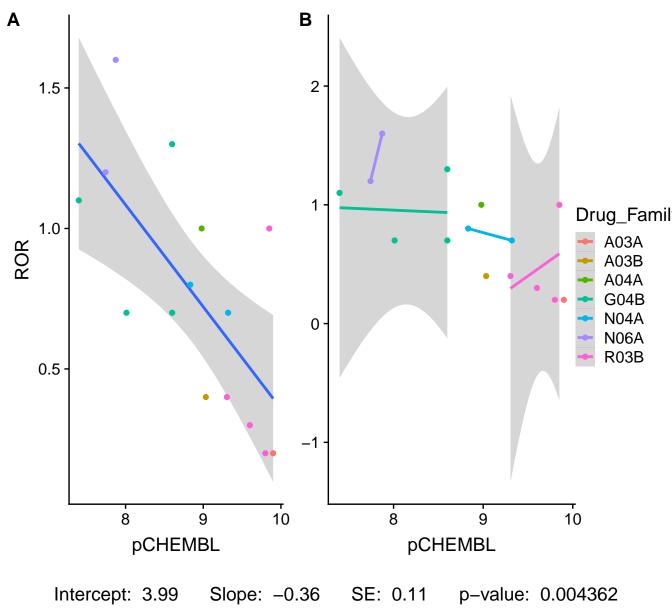


disturbance in attention ~ Adrenergic Beta1 receptor [ Antagonist ]

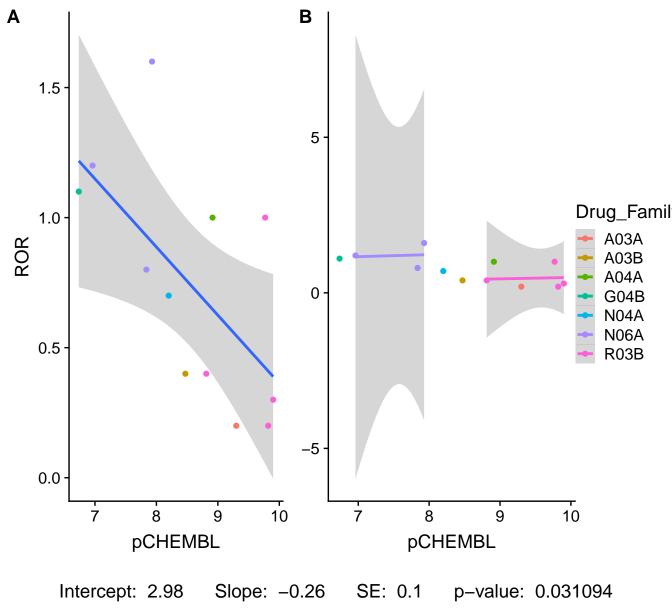


Intercept: 6.49 Slope: -0.68 SE: 0.64 p-value: 0.335748

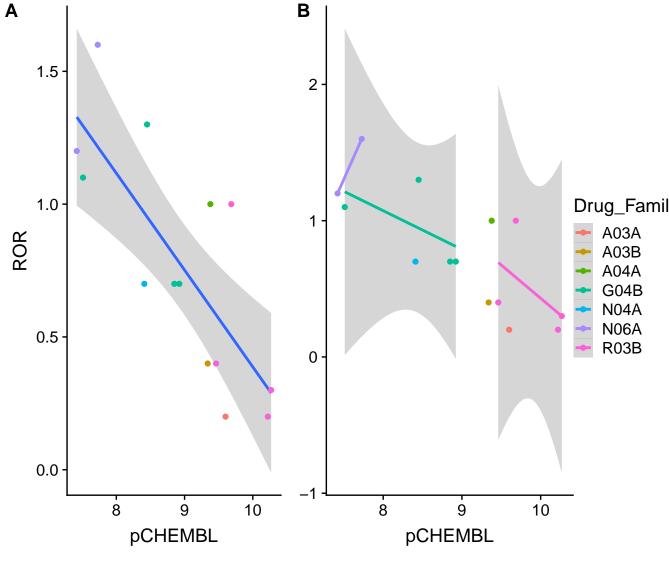
disturbance in attention ~ Muscarinic M1 receptor [ Antagonist ]



disturbance in attention ~ Muscarinic M2 receptor [ Antagonist ]

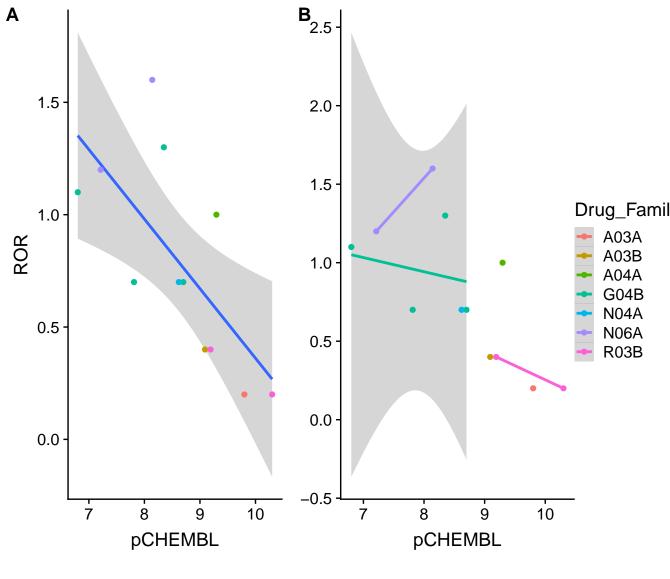






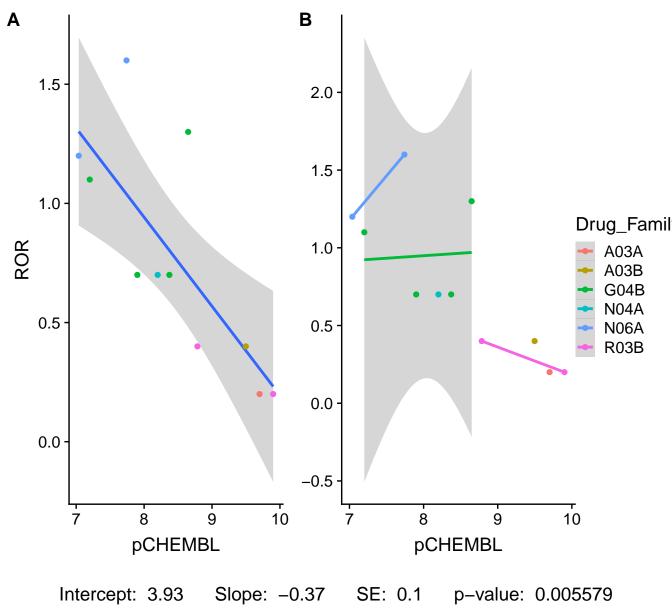
Intercept: 4.03 Slope: -0.36 SE: 0.09 p-value: 0.00118

disturbance in attention ~ Muscarinic M4 receptor [ Antagonist ]

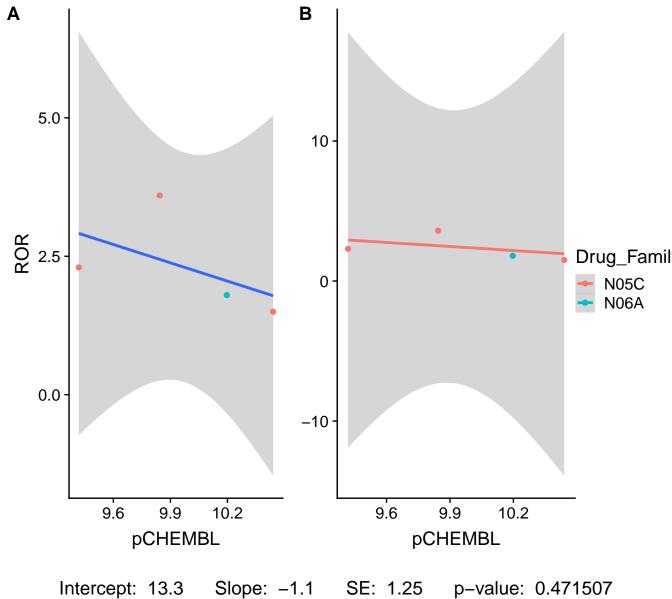


Intercept: 3.46 Slope: -0.31 SE: 0.1 p-value: 0.011355

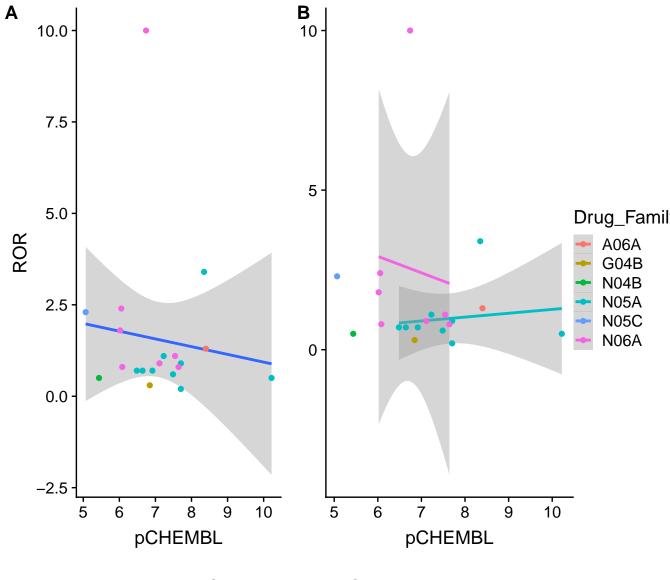
disturbance in attention ~ Muscarinic M5 receptor [ Antagonist ]





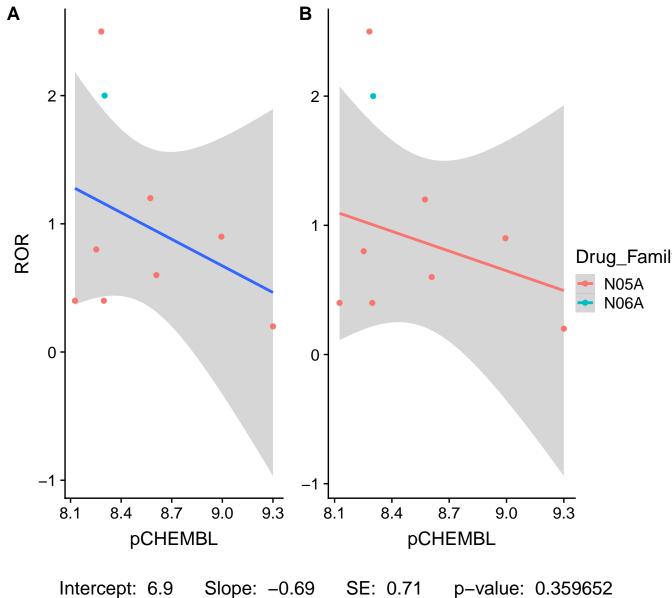


disturbance in attention ~ Serotonin 5–HT2 receptor [ Antagonist ]



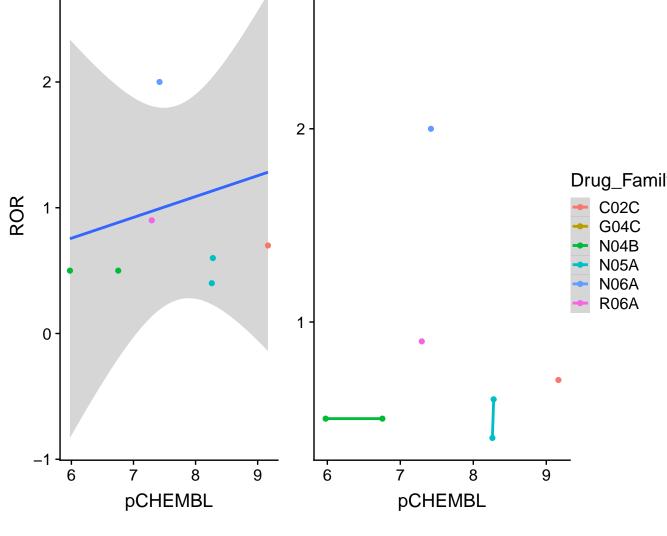
Intercept: 3.05 Slope: -0.21 SE: 0.43 p-value: 0.632146

disturbance in attention ~ Serotonin 5-HT2 receptor [ Inverse Agonist ]



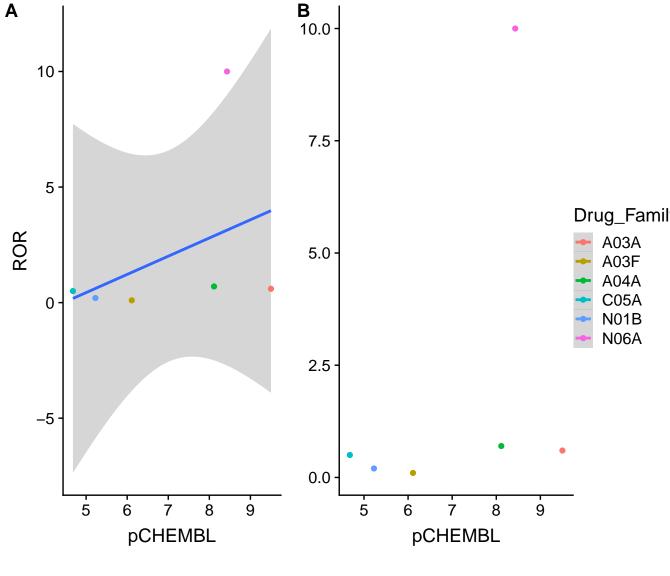


disturbance in attention ~ Adrenergic Alpha1 receptor [ Antagonist ]



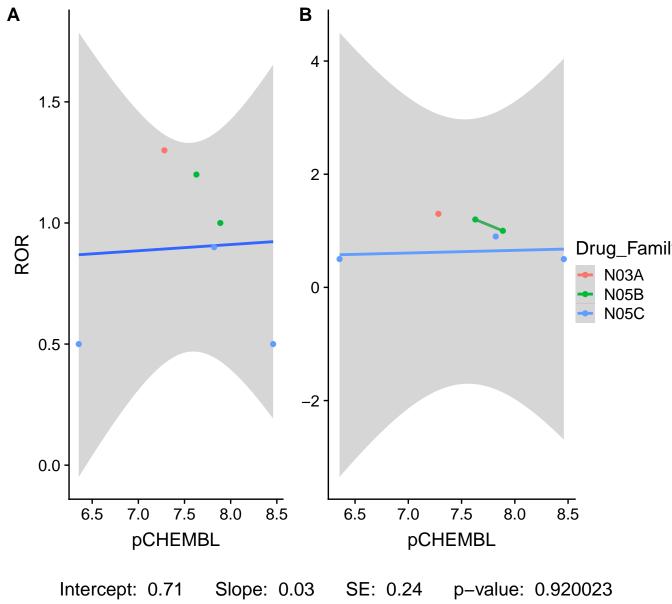
Intercept: -0.24 Slope: 0.17 SE: 0.33 p-value: 0.633088

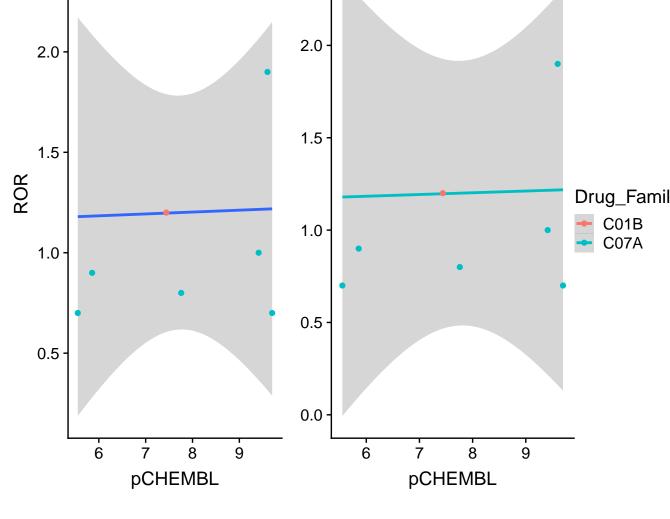
disturbance in attention ~ Serotonin 5–HT3 receptor [ Antagonist ]



Intercept: -3.51 Slope: 0.79 SE: 0.93 p-value: 0.44411







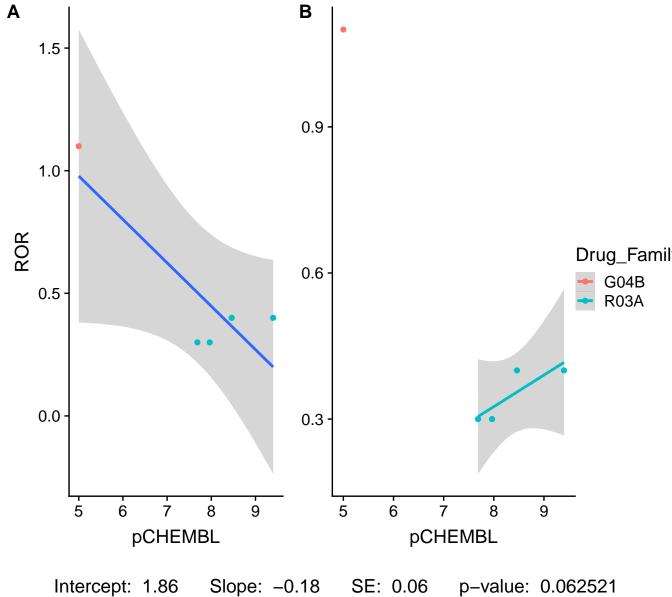
disturbance in attention ~ Adrenergic Beta2 receptor [ Antagonist ]

**B**.5 -

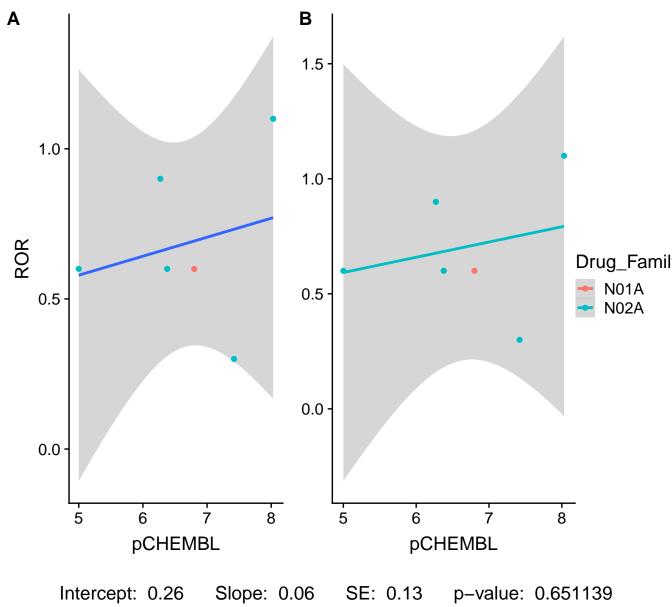
2.5

Intercept: 1.13 Slope: 0.01 SE: 0.15 p-value: 0.952351

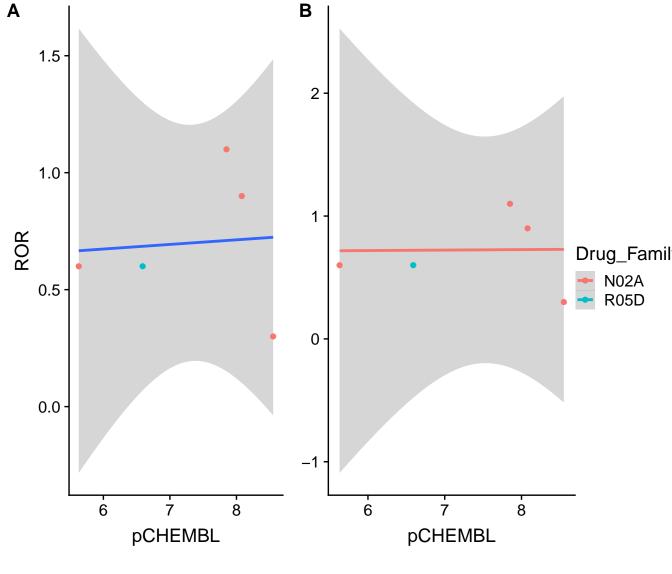




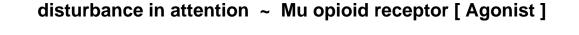


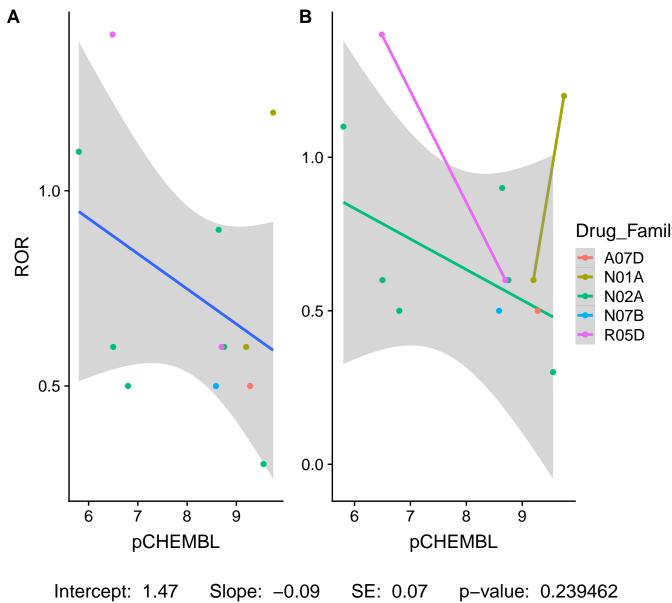


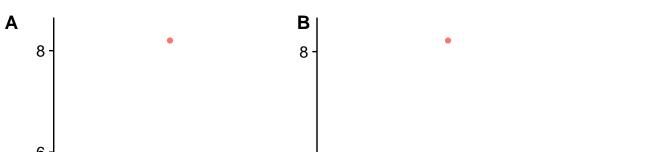
disturbance in attention ~ Kappa opioid receptor [ Agonist ]



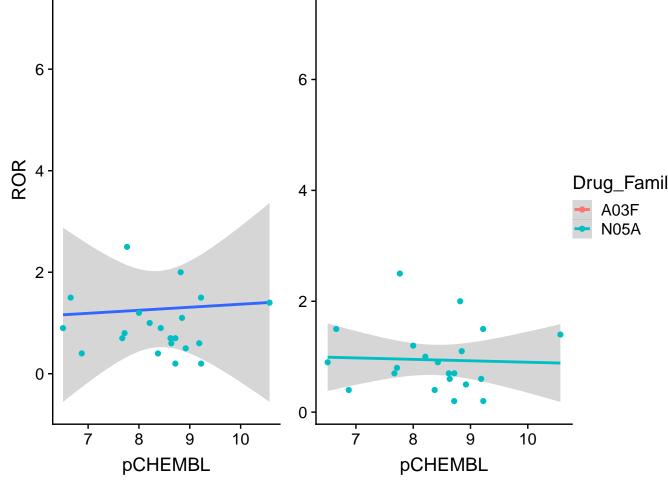
Intercept: 0.56 Slope: 0.02 SE: 0.15 p-value: 0.902514





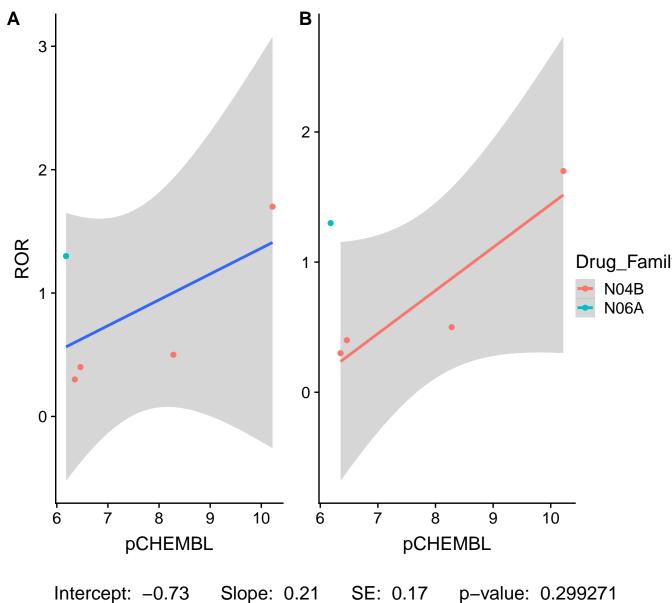


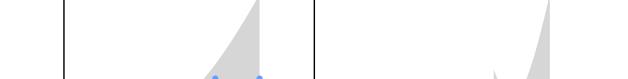
disturbance in attention ~ Dopamine D2 receptor [ Antagonist ]



Intercept: 0.77 Slope: 0.06 SE: 0.4 p-value: 0.88152

disturbance in attention ~ Dopamine D2 receptor [ Agonist ]

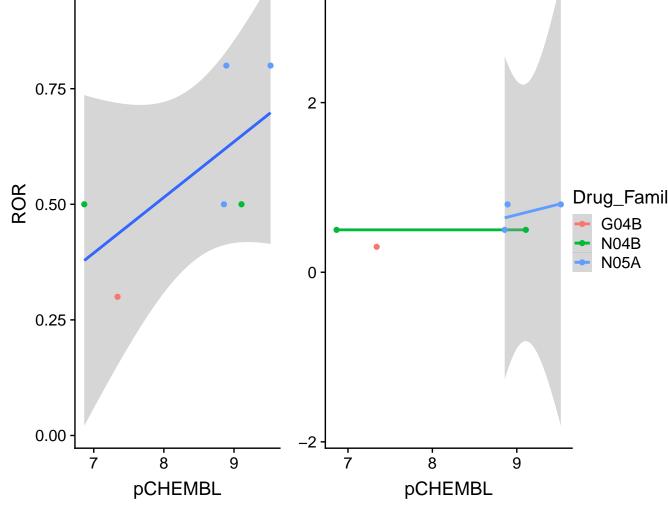




В

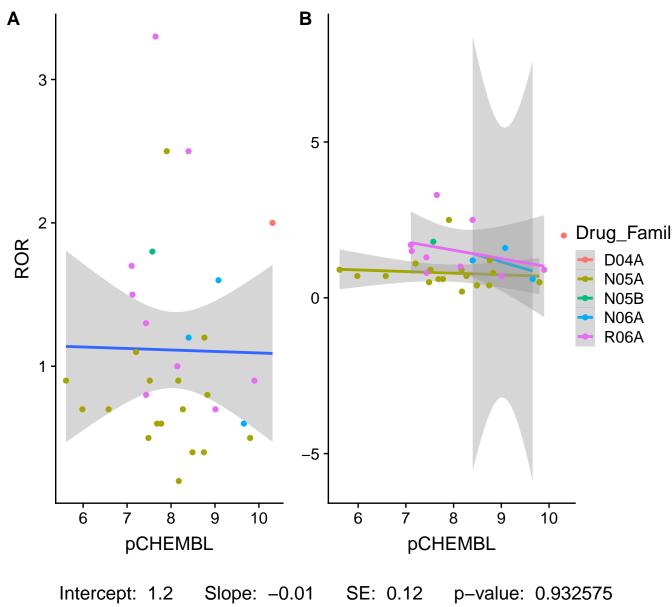
1.00 -

disturbance in attention ~ Dopamine D2 receptor [ Partial Agonist ]

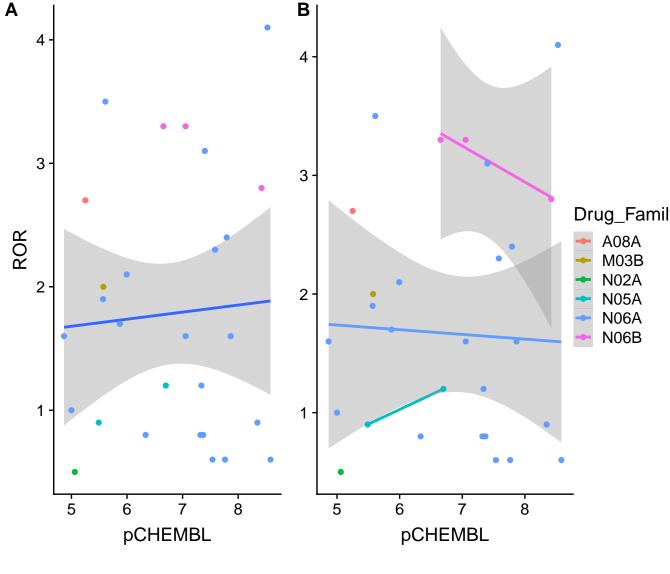


SE: 0.07 Intercept: -0.45 Slope: 0.12 p-value: 0.16036

disturbance in attention ~ Histamine H1 receptor [ Antagonist ]

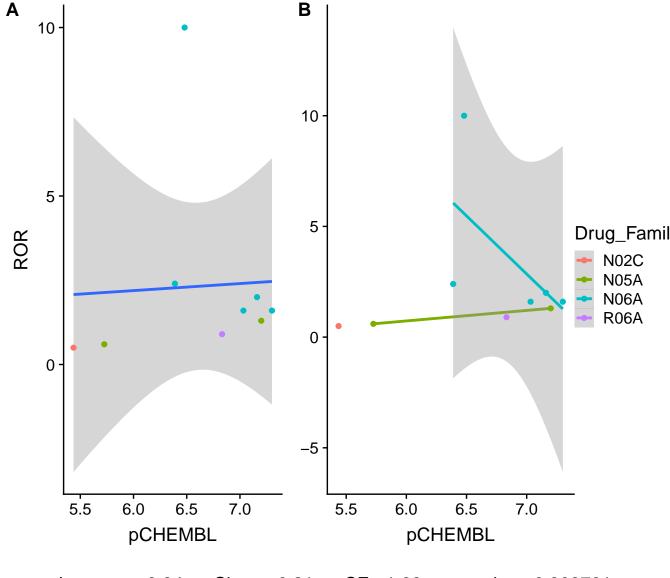


## disturbance in attention ~ Norepinephrine transporter [ Antagonist ]

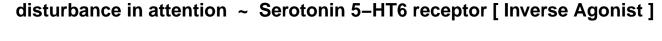


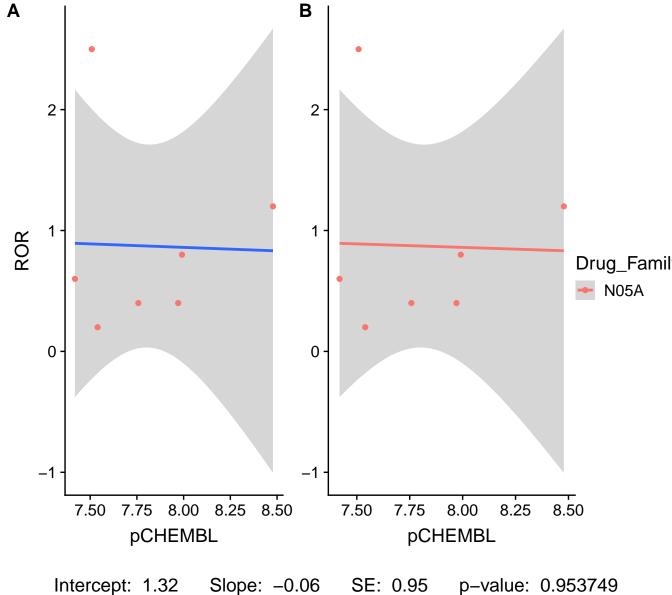
Intercept: 1.39 Slope: 0.06 SE: 0.17 p-value: 0.743547

disturbance in attention ~ Serotonin 5–HT6 receptor [ Antagonist ]



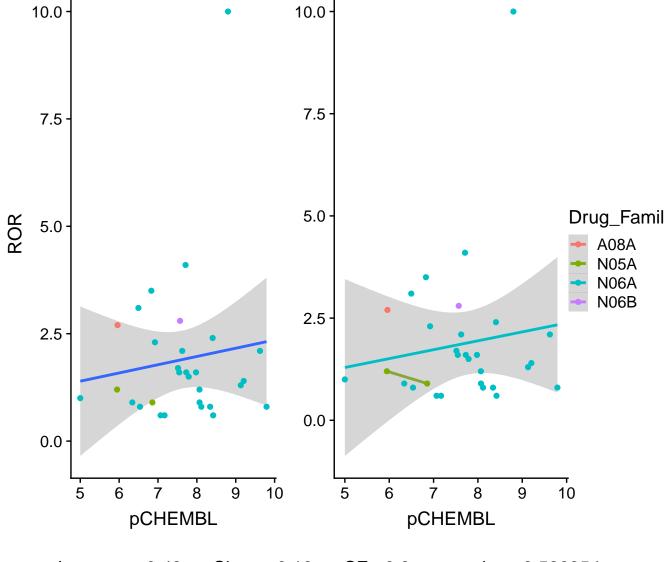
Intercept: 0.94 Slope: 0.21 SE: 1.66 p-value: 0.903761





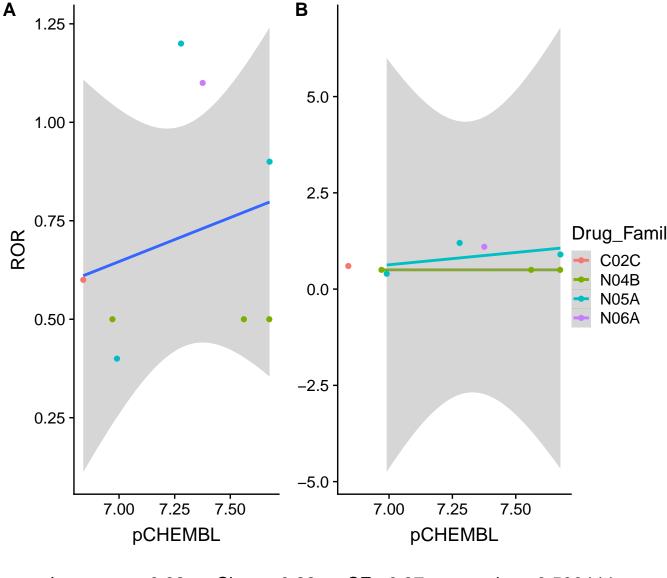
**B** 10.0 -10.0

disturbance in attention ~ Serotonin transporter [ Antagonist ]

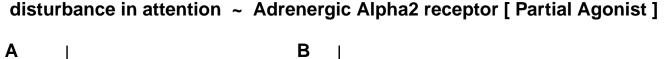


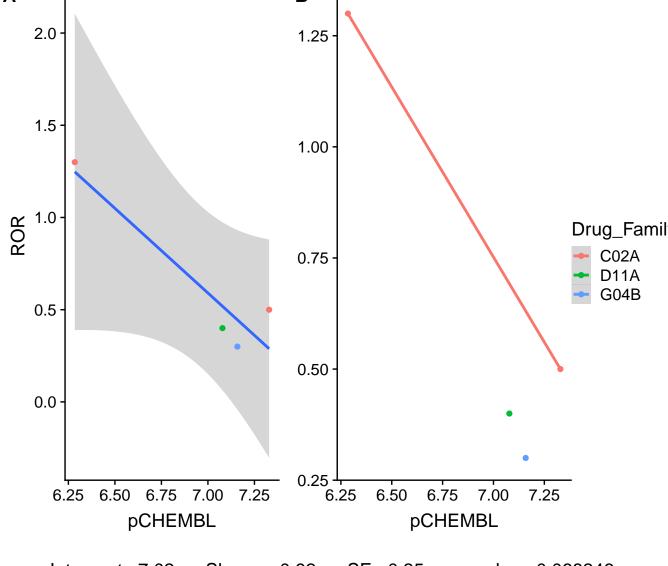
SE: 0.3 Intercept: 0.43 Slope: 0.19 p-value: 0.526354

## disturbance in attention ~ Adrenergic Alpha2 receptor [ Antagonist ]

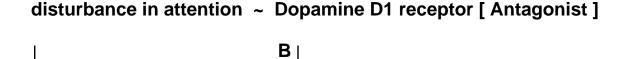


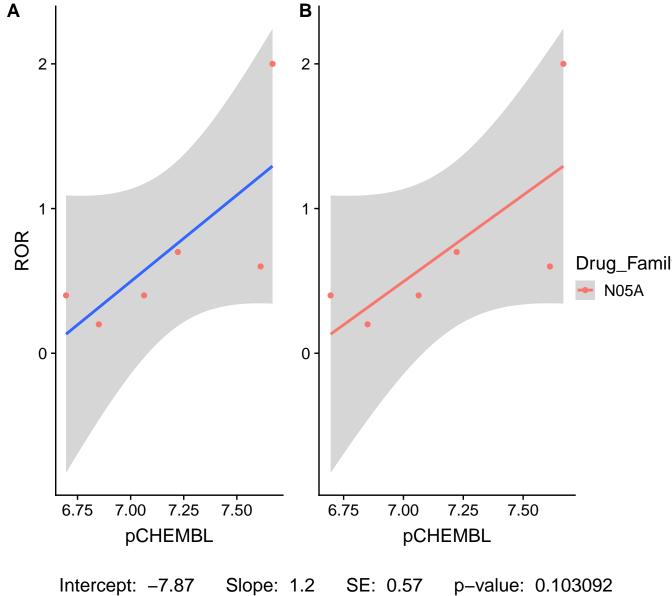
Intercept: -0.92 Slope: 0.22 SE: 0.37 p-value: 0.566444

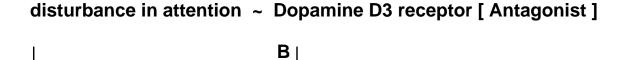




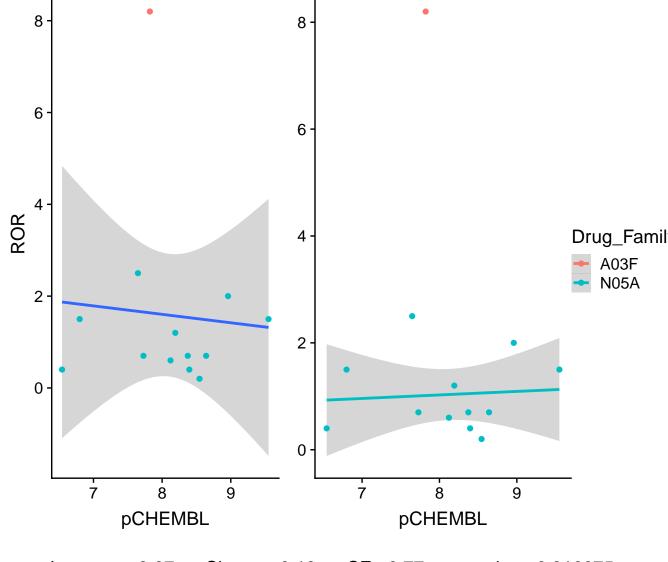
Intercept: 7.02 Slope: -0.92 SE: 0.25 p-value: 0.068246





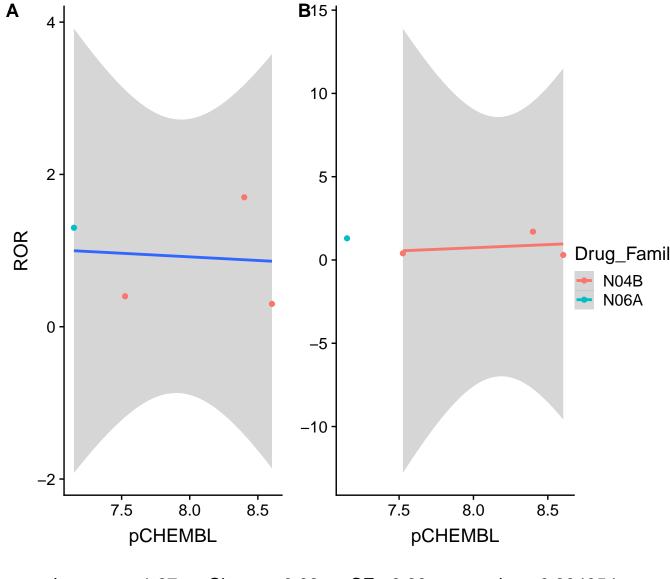


Α

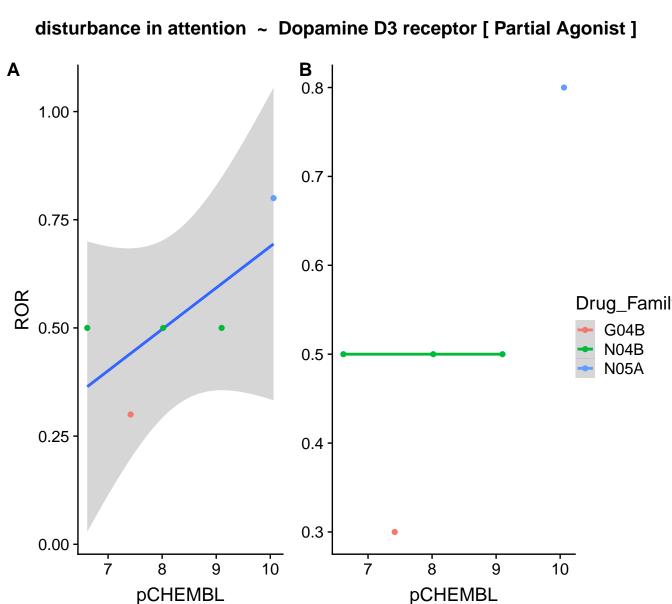


Intercept: 3.07 Slope: -0.18 SE: 0.77 p-value: 0.816075



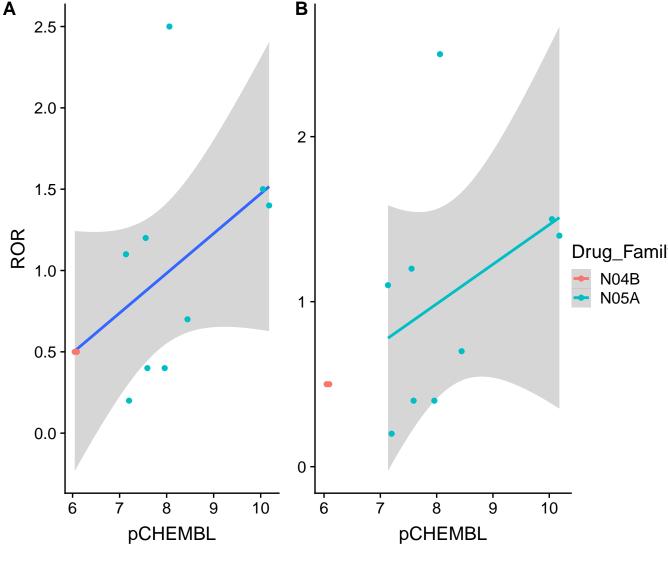


Intercept: 1.67 Slope: -0.09 SE: 0.69 p-value: 0.904054



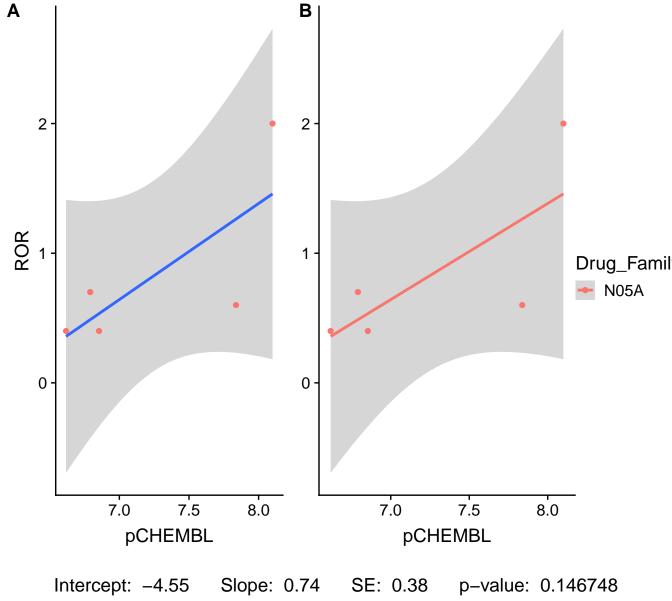
Intercept: -0.27 Slope: 0.1 SE: 0.05 p-value: 0.162232

disturbance in attention ~ Dopamine D4 receptor [ Antagonist ]

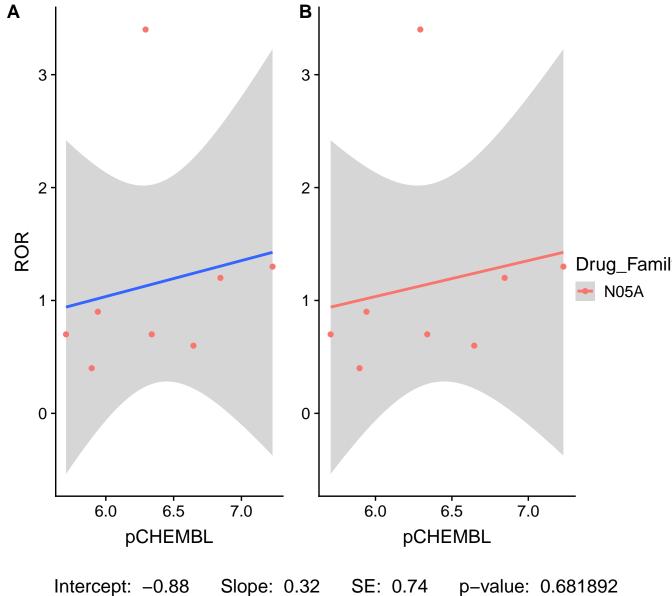


Intercept: -0.97 Slope: 0.24 SE: 0.15 p-value: 0.131908

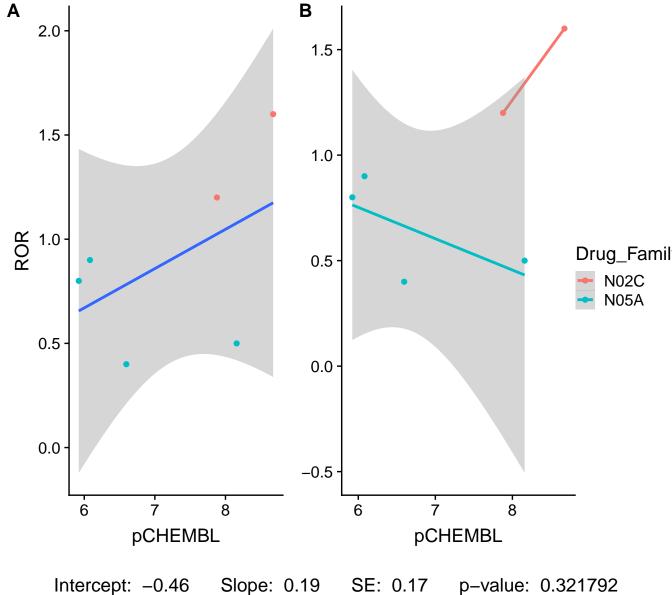




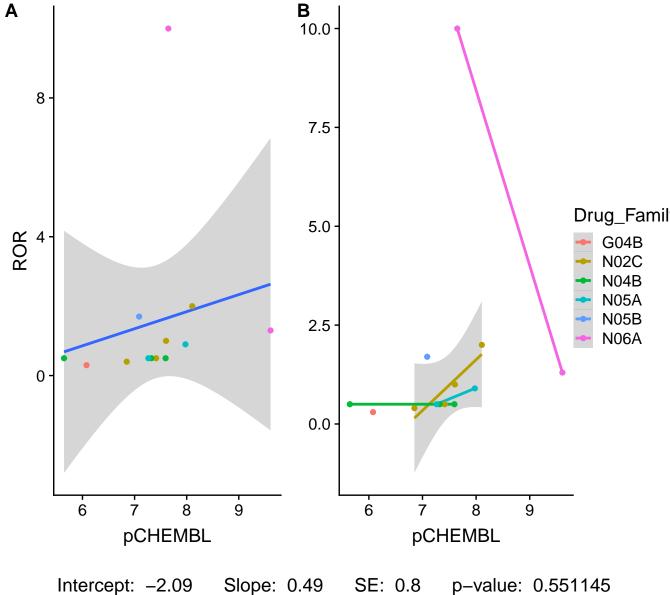
disturbance in attention ~ Serotonin 5–HT1 receptor [ Antagonist ]



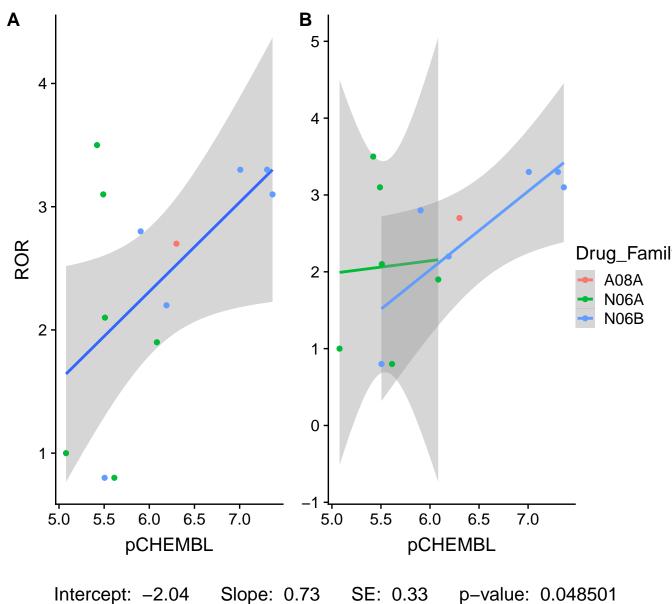




disturbance in attention ~ Serotonin 5–HT1 receptor [ Partial Agonist ]



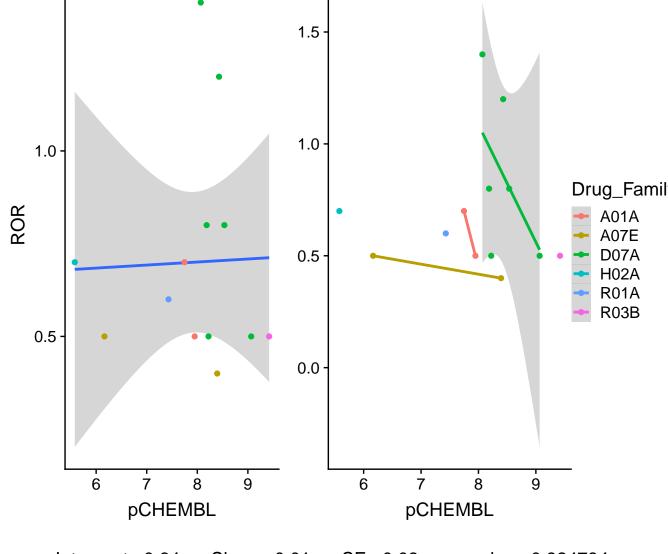
disturbance in attention ~ Dopamine transporter [ Antagonist ]



**B** 

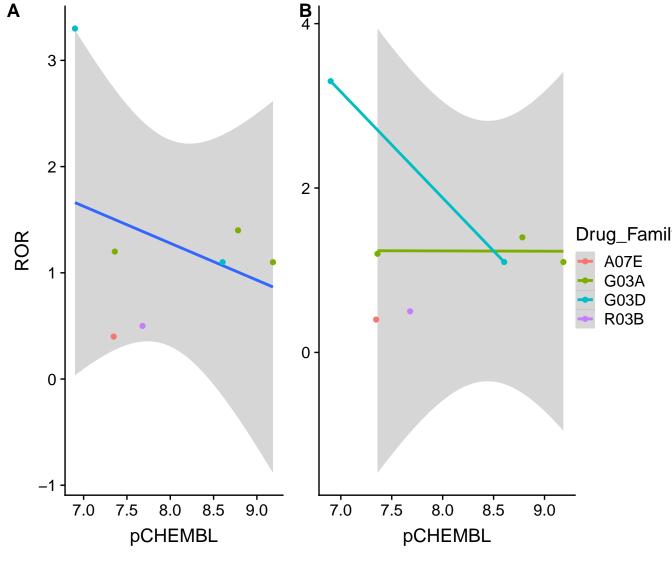
Α

disturbance in attention ~ Glucocorticoid receptor [ Agonist ]



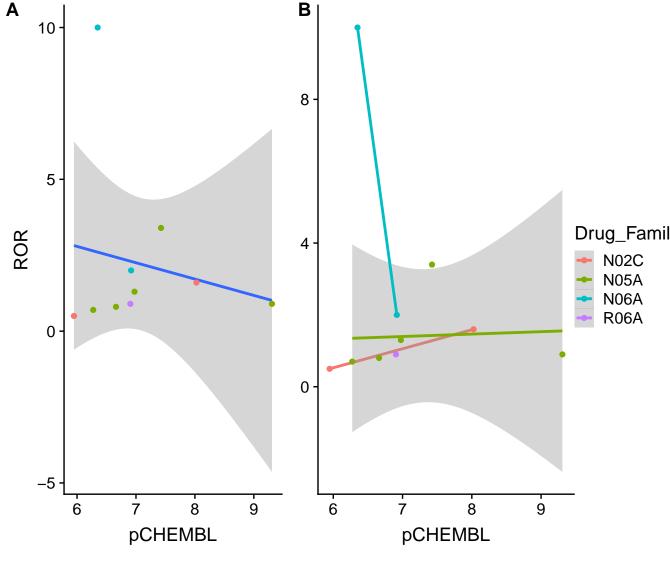
Intercept: 0.64 Slope: 0.01 SE: 0.08 p-value: 0.924784

disturbance in attention ~ Progesterone receptor [ Agonist ]



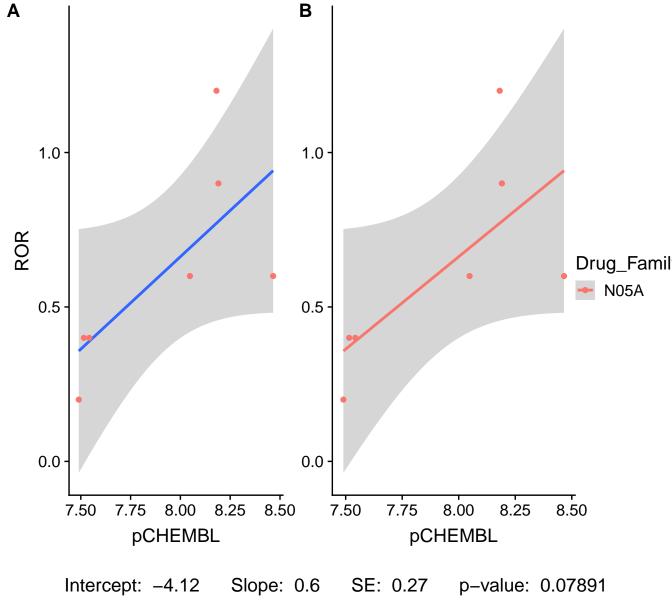
Intercept: 4.06 Slope: -0.35 SE: 0.47 p-value: 0.492706

disturbance in attention ~ Serotonin 5–HT7 receptor [ Antagonist ]



Intercept: 6.02 Slope: -0.54 SE: 1.01 p-value: 0.610497

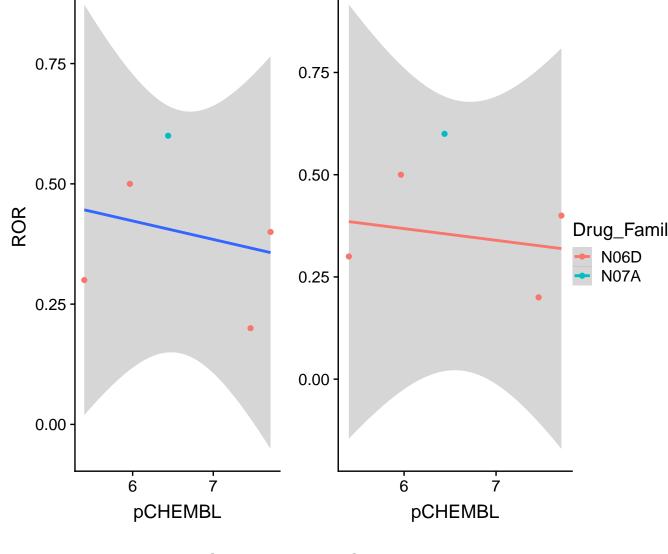




В

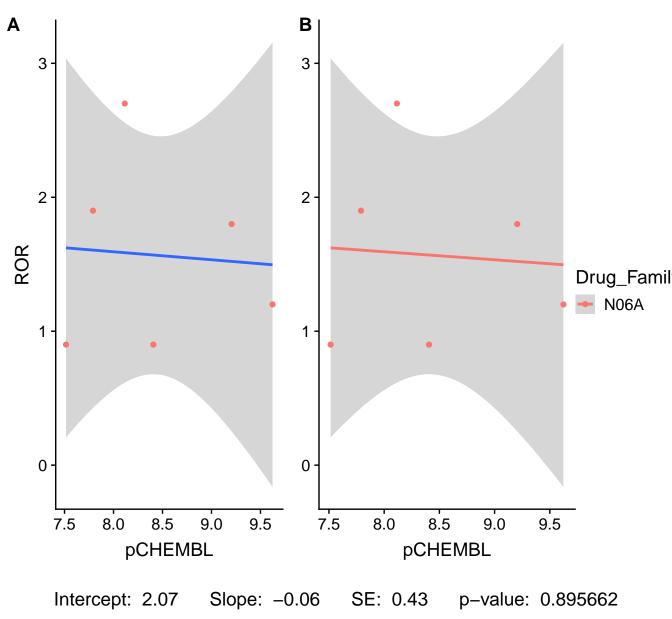
Α

disturbance in attention ~ Acetylcholinesterase [ Antagonist ]

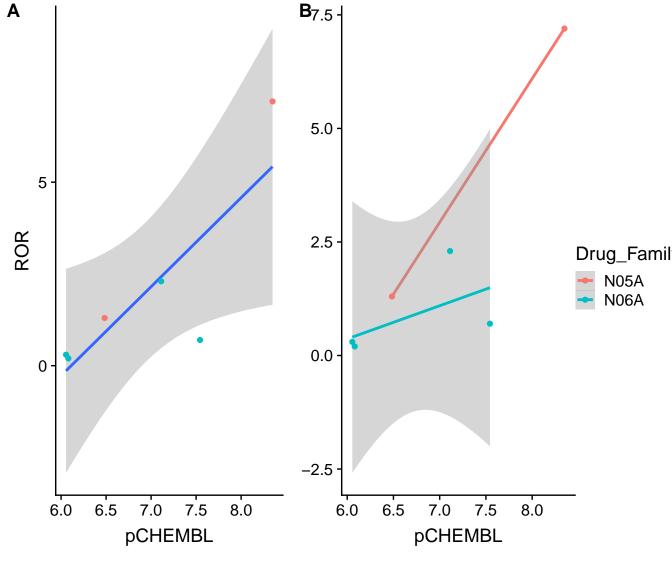


Intercept: 0.65 Slope: -0.04 SE: 0.09 p-value: 0.699185

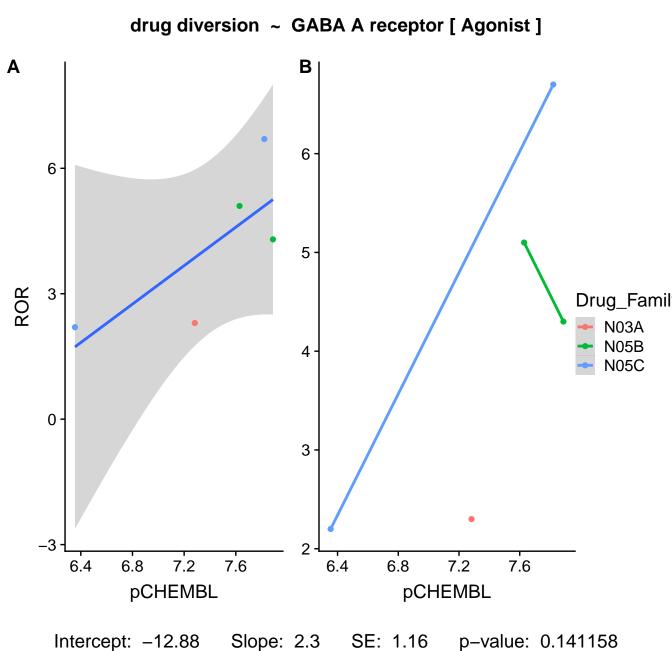
## divorced ~ Serotonin transporter [ Antagonist ]



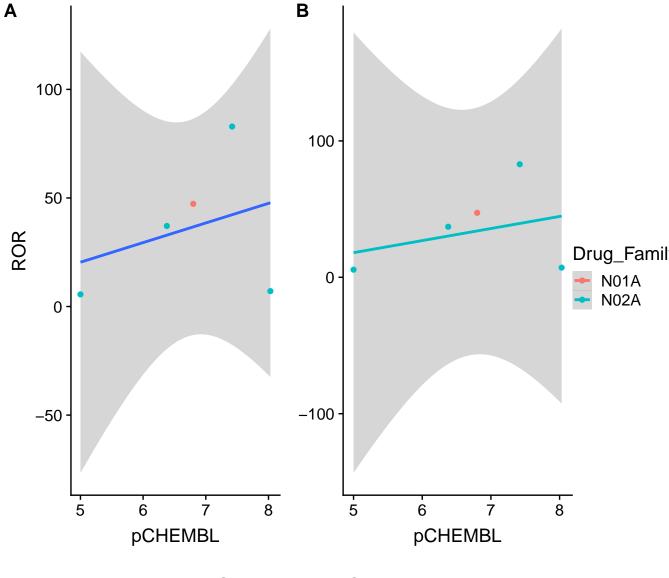
drug diversion ~ Serotonin 5-HT2 receptor [ Antagonist ]



Intercept: -14.82 Slope: 2.42 SE: 0.83 p-value: 0.042915

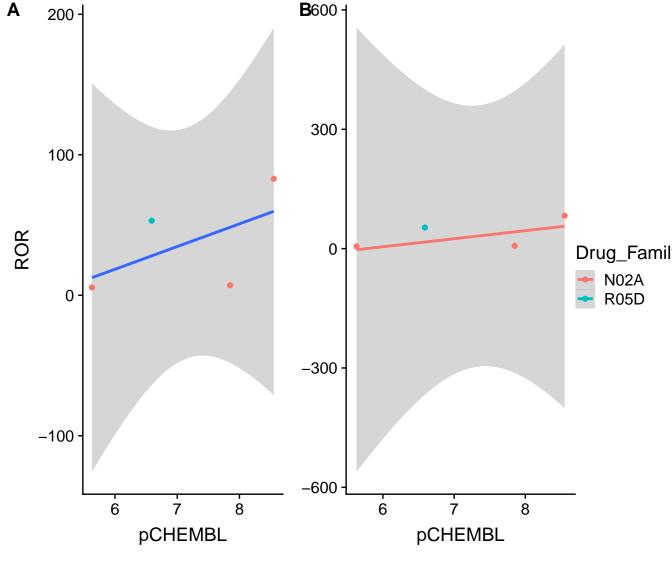


drug diversion ~ Delta opioid receptor [ Agonist ]



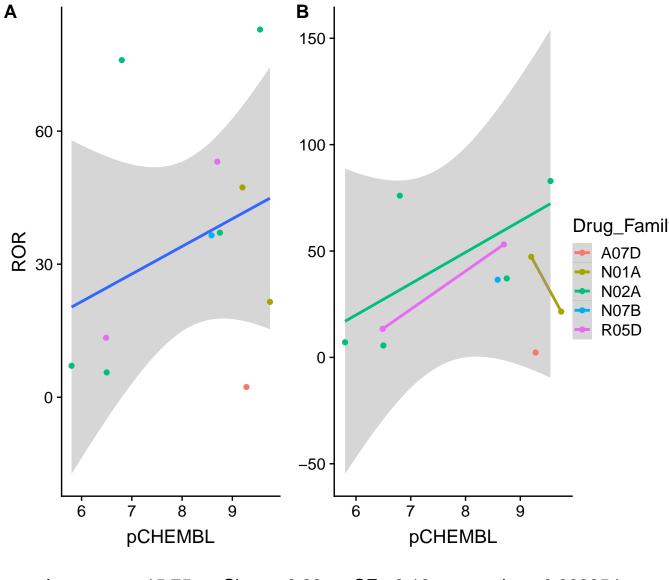
Intercept: -24.79 Slope: 9.04 SE: 15.18 p-value: 0.593514

drug diversion ~ Kappa opioid receptor [ Agonist ]



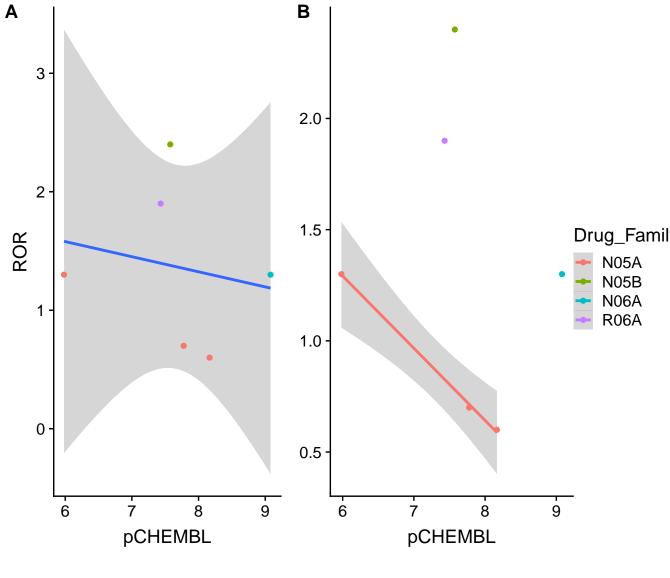
Intercept: -78.52 Slope: 16.17 SE: 16.95 p-value: 0.440838





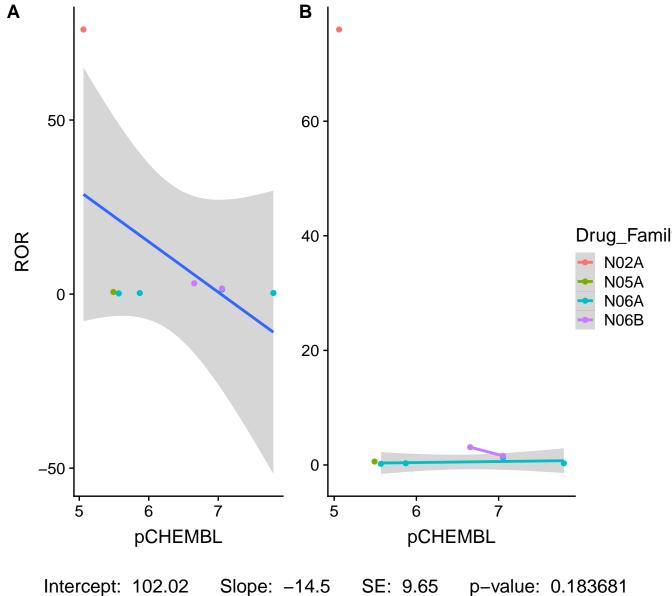
Intercept: -15.75 Slope: 6.22 SE: 6.16 p-value: 0.338954



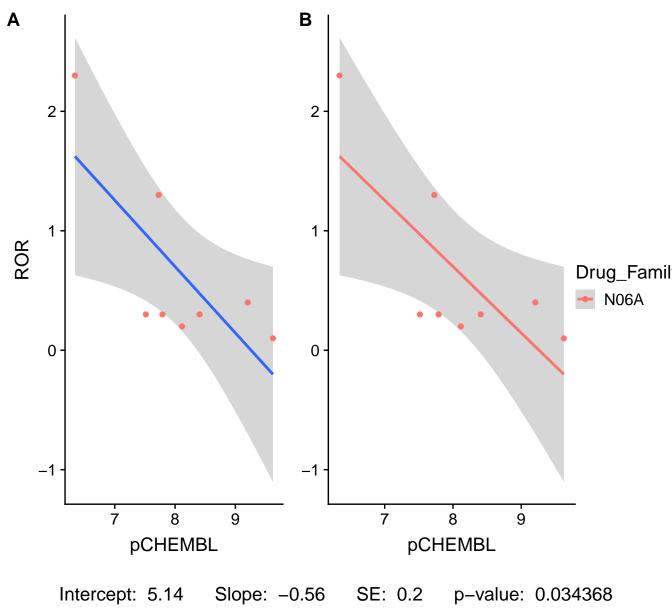


Intercept: 2.34 Slope: -0.13 SE: 0.33 p-value: 0.722535

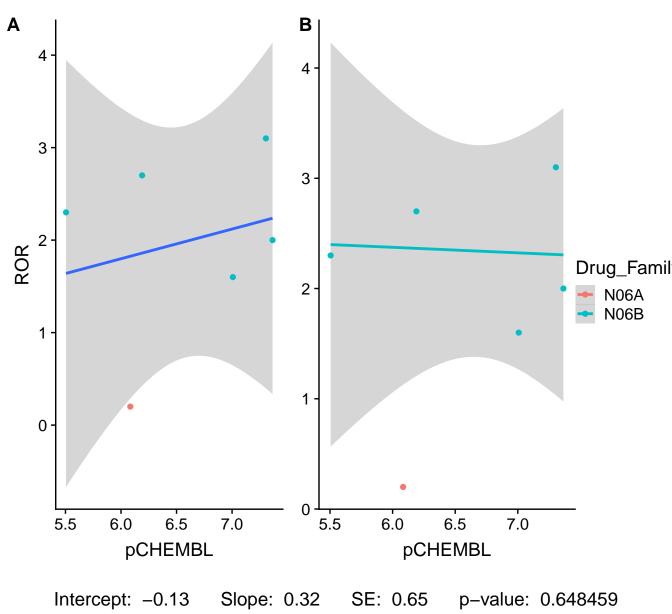




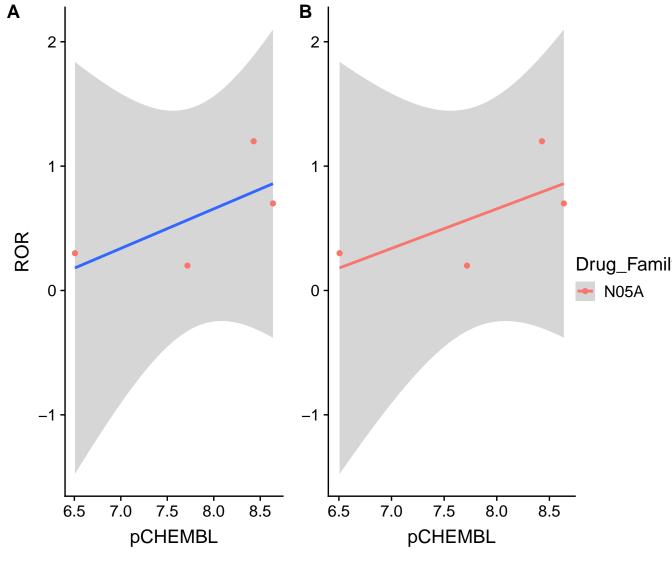




## drug diversion ~ Dopamine transporter [ Antagonist ]

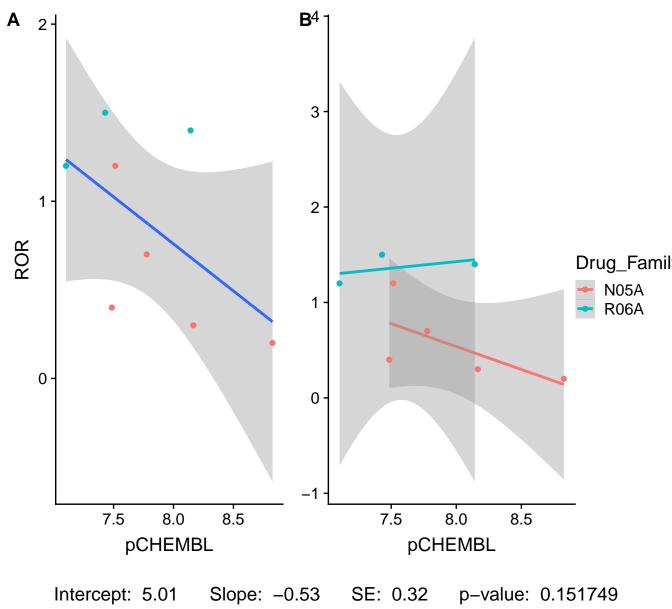


educational problem ~ Dopamine D2 receptor [ Antagonist ]

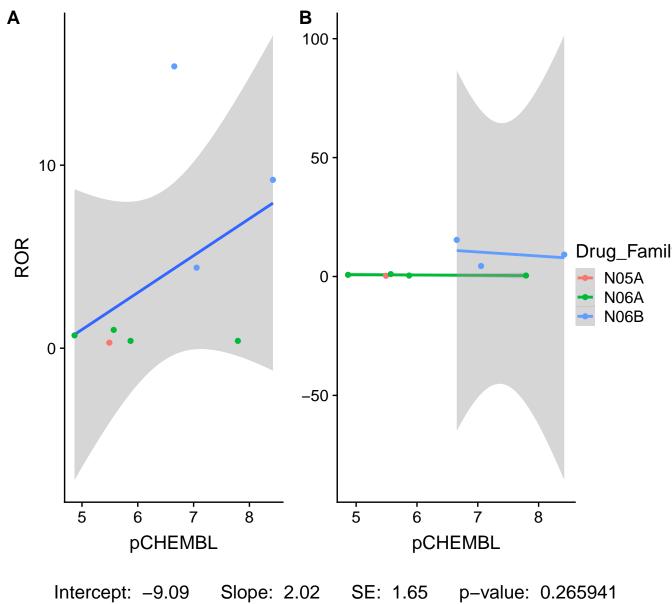


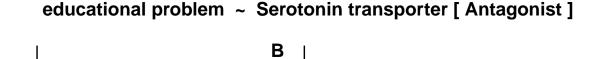
Intercept: -1.89 Slope: 0.32 SE: 0.25 p-value: 0.327133



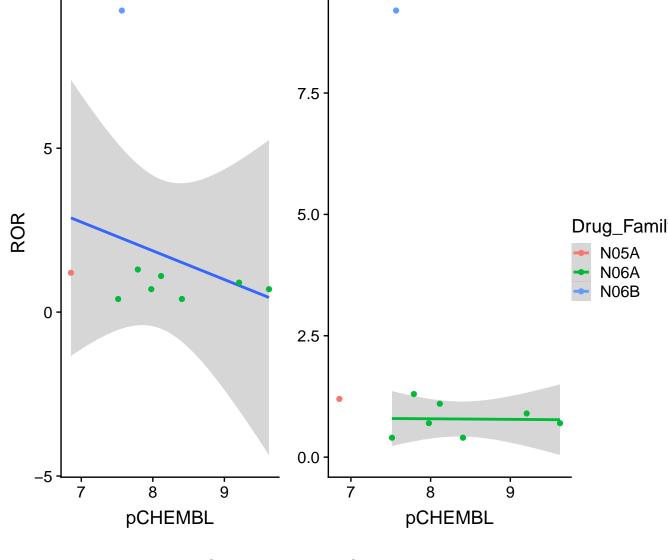


educational problem ~ Norepinephrine transporter [ Antagonist ]



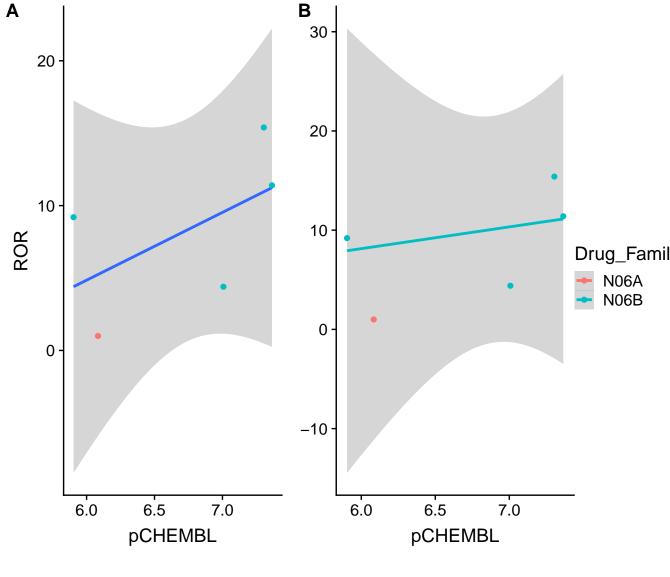


Α

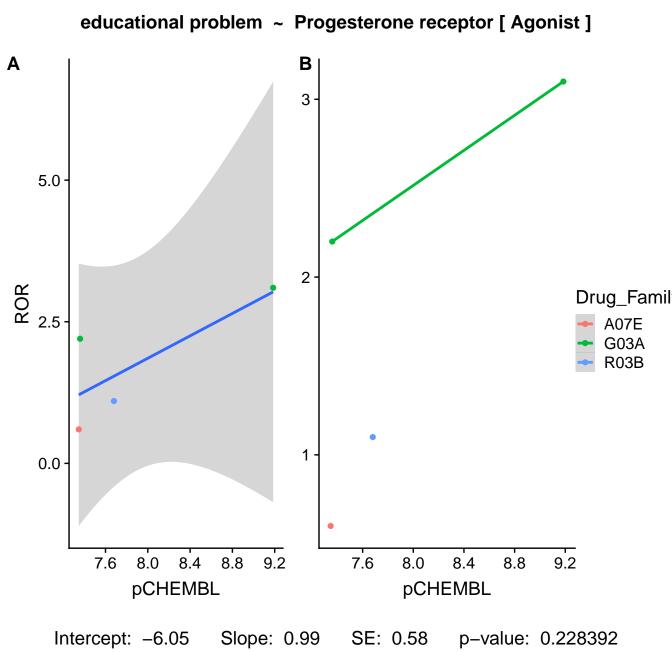


Intercept: 8.89 Slope: -0.88 SE: 1.19 p-value: 0.484044

educational problem ~ Dopamine transporter [ Antagonist ]



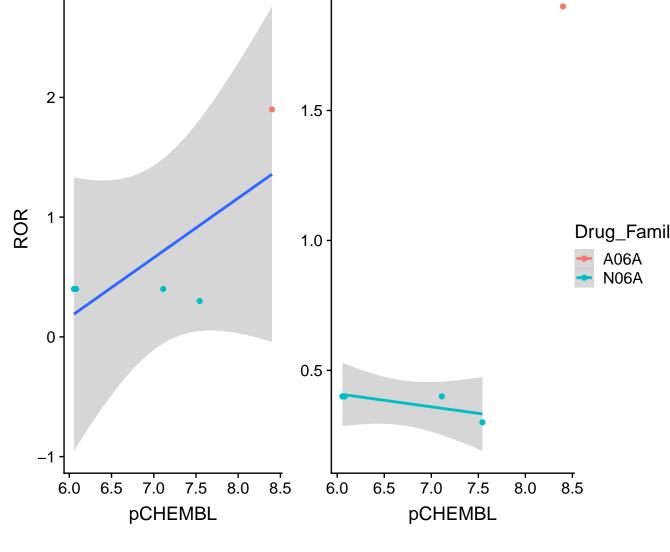
Intercept: -23.23 Slope: 4.68 SE: 3.91 p-value: 0.317102



B |

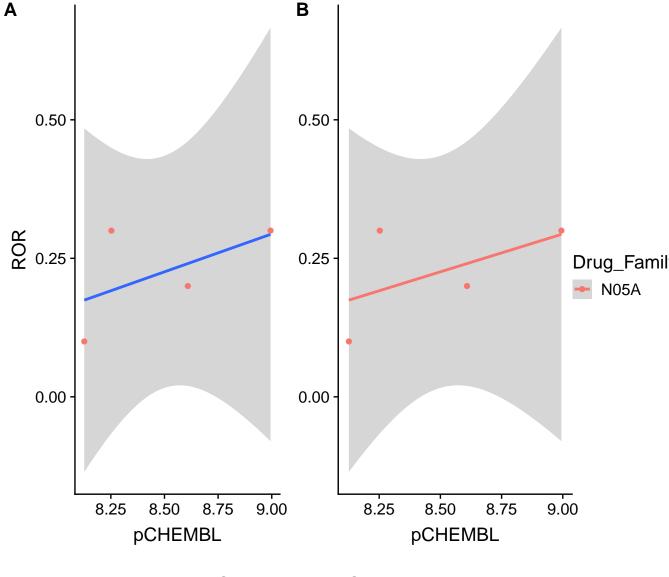
Α

family stress ~ Serotonin 5-HT2 receptor [ Antagonist ]

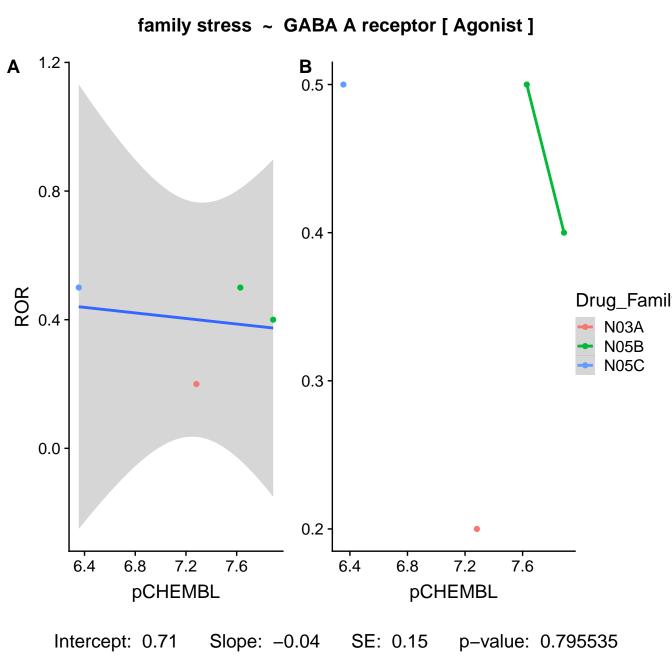


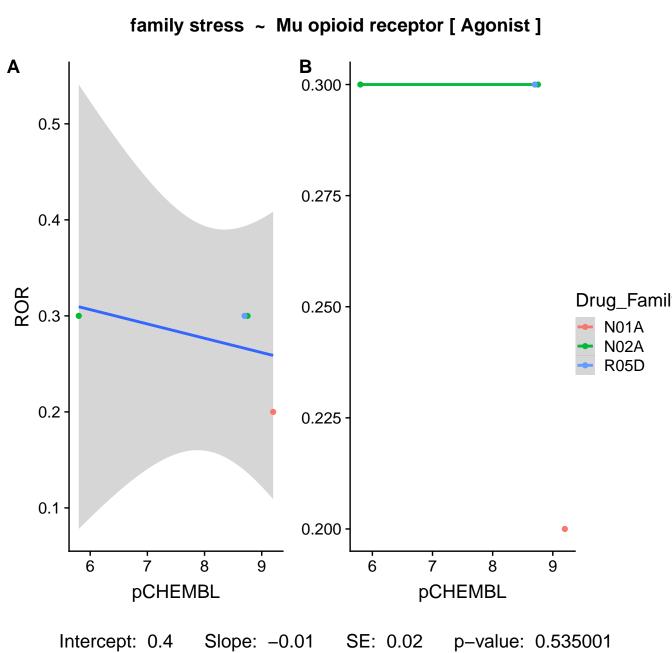
Intercept: -2.83 Slope: 0.5 SE: 0.27 p-value: 0.162437

family stress ~ Serotonin 5-HT2 receptor [ Inverse Agonist ]

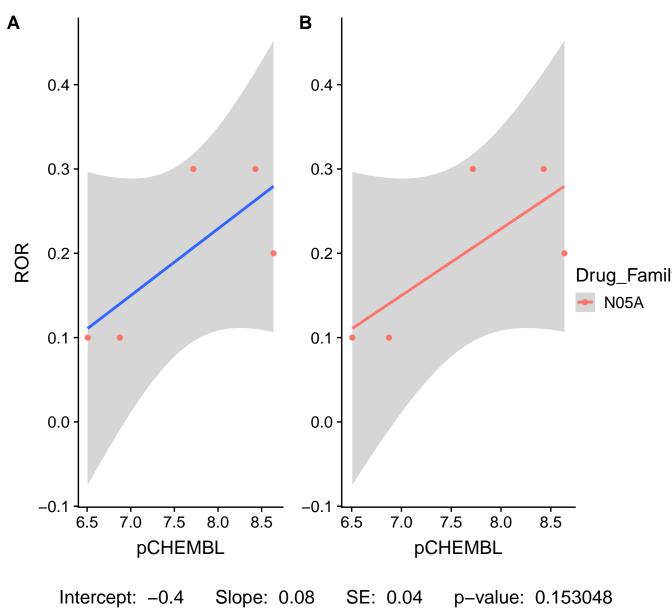


Intercept: -0.94 Slope: 0.14 SE: 0.14 p-value: 0.442385

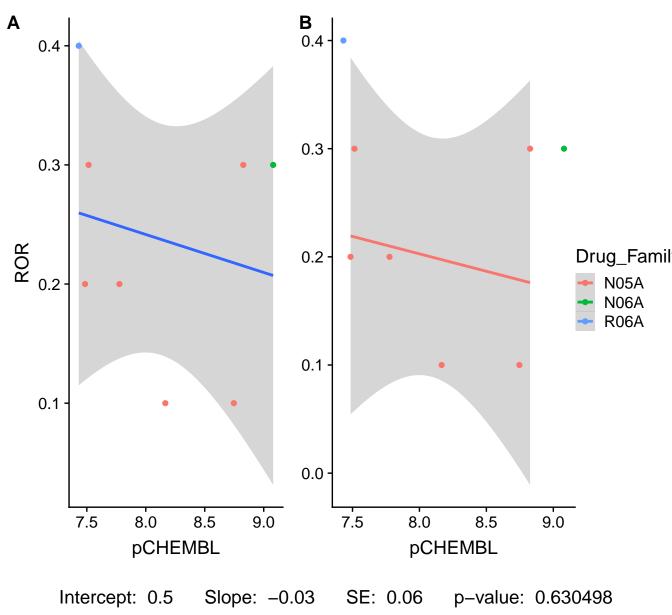




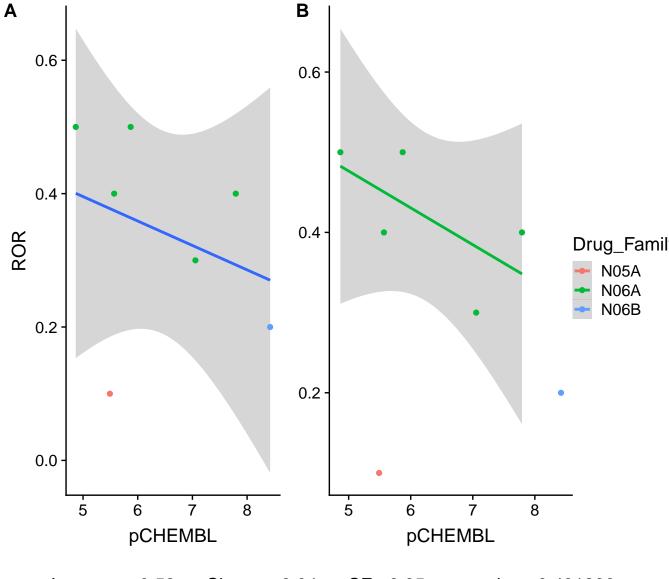
family stress ~ Dopamine D2 receptor [ Antagonist ]



family stress ~ Histamine H1 receptor [ Antagonist ]

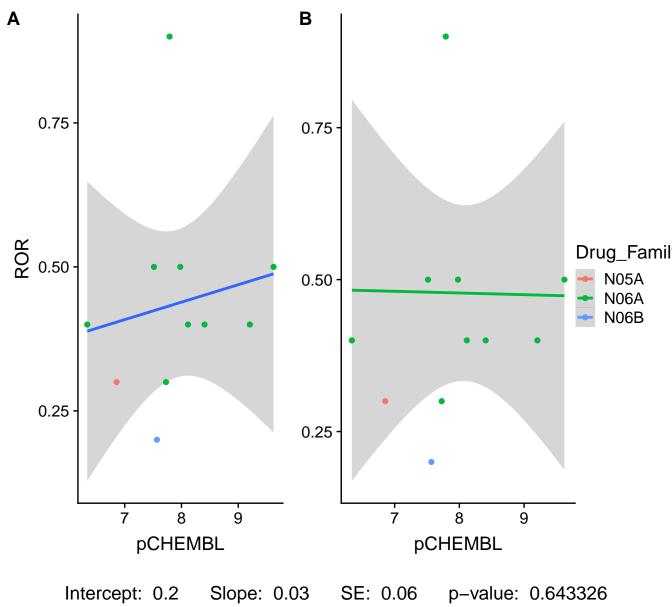


family stress ~ Norepinephrine transporter [ Antagonist ]

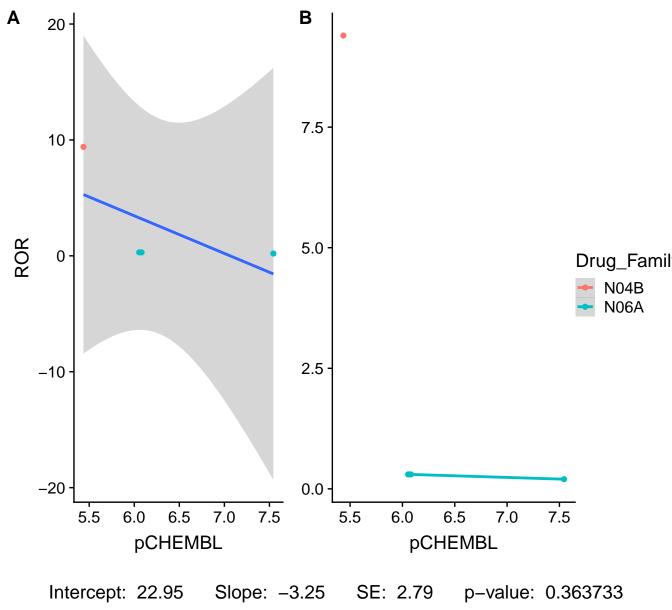


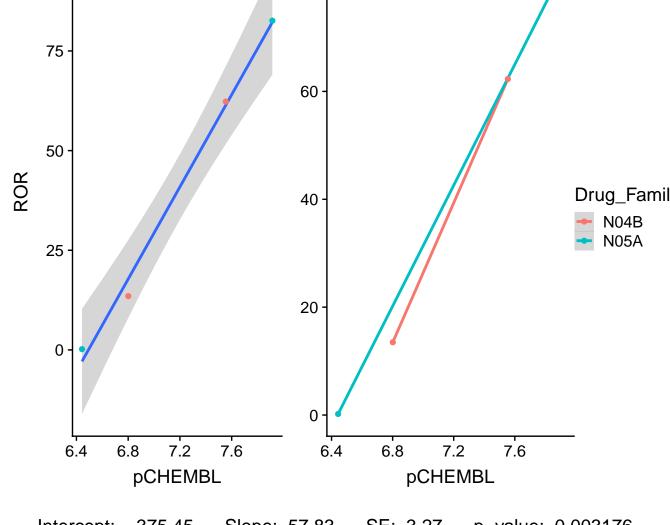
Intercept: 0.58 Slope: -0.04 SE: 0.05 p-value: 0.481266

family stress ~ Serotonin transporter [ Antagonist ]



gambling ~ Serotonin 5-HT2 receptor [ Antagonist ]





gambling ~ Serotonin 5-HT2 receptor [ Partial Agonist ]

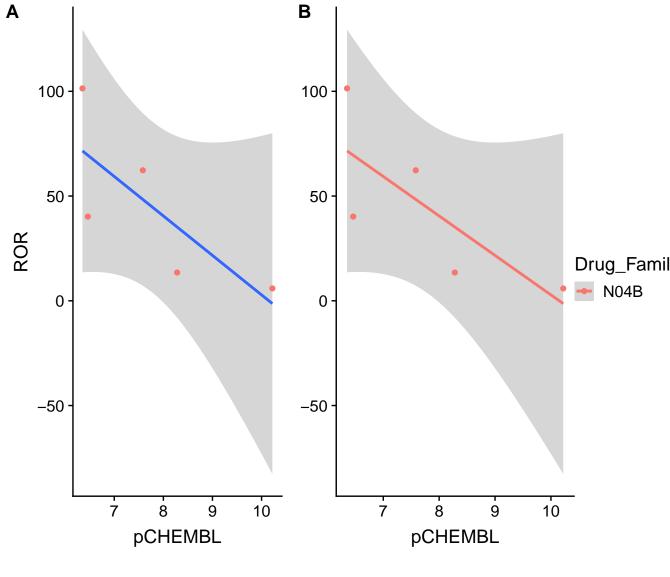
В

80

100 +

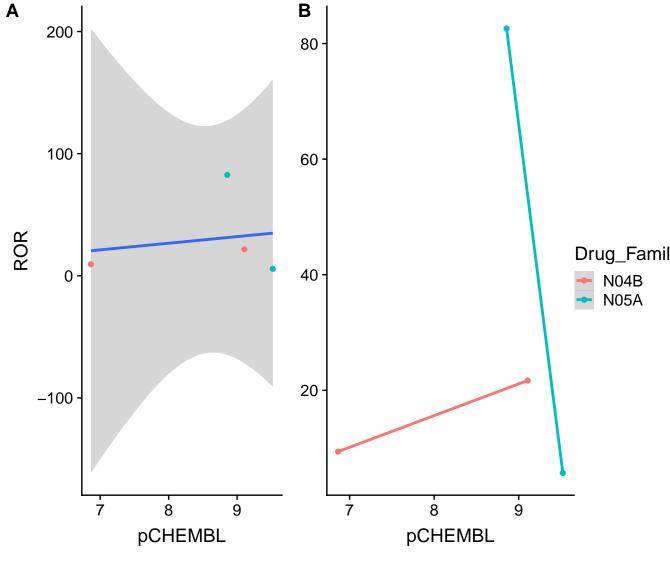
SE: 3.27 Intercept: -375.45 Slope: 57.83 p-value: 0.003176

gambling ~ Dopamine D2 receptor [ Agonist ]

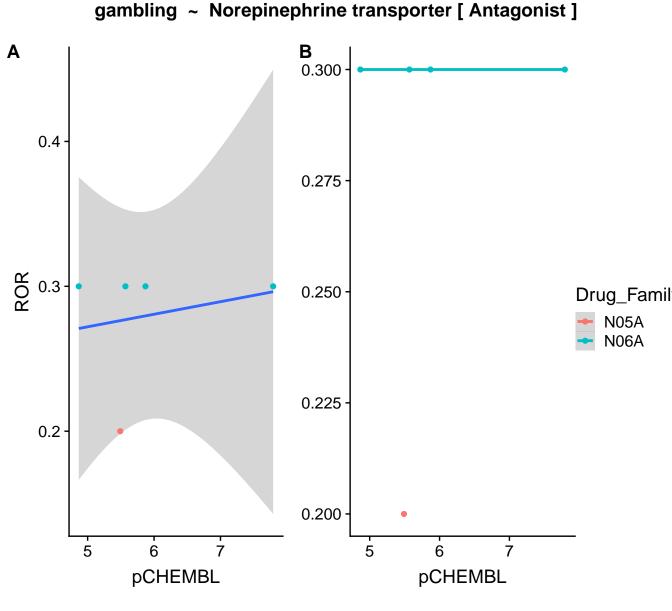


Intercept: 191.25 Slope: -18.84 SE: 9.06 p-value: 0.12894

gambling ~ Dopamine D2 receptor [ Partial Agonist ]

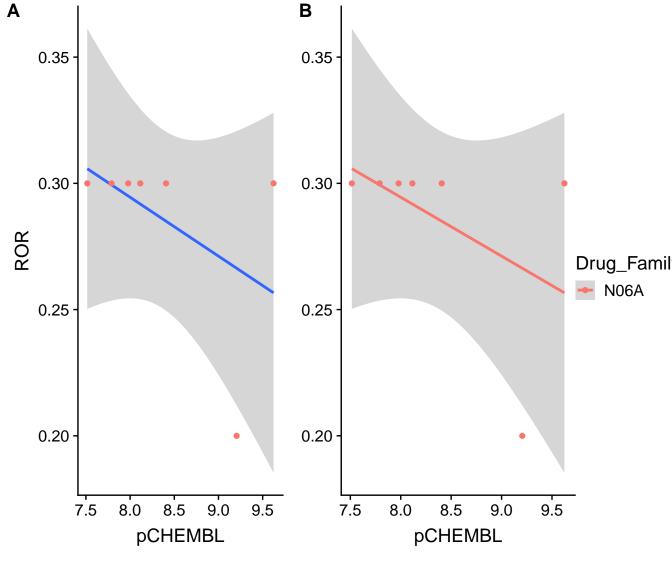


Intercept: -16.64 Slope: 5.41 SE: 21.11 p-value: 0.821592



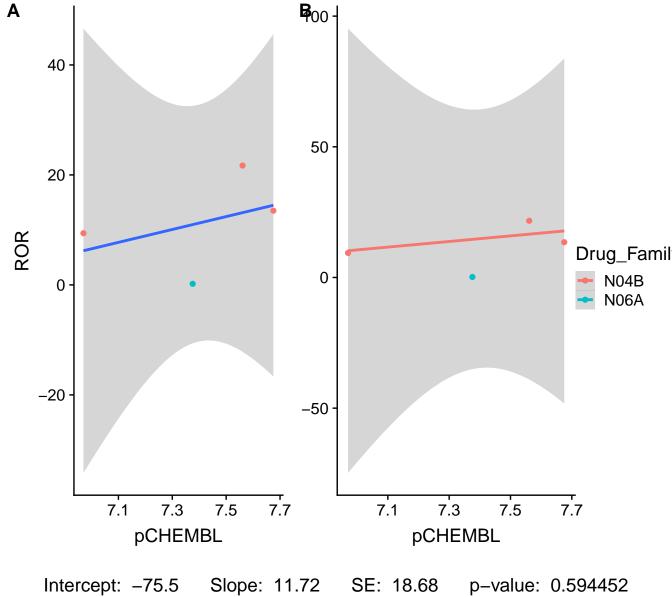
Intercept: 0.23 Slope: 0.01 SE: 0.02 p-value: 0.728239

gambling ~ Serotonin transporter [ Antagonist ]

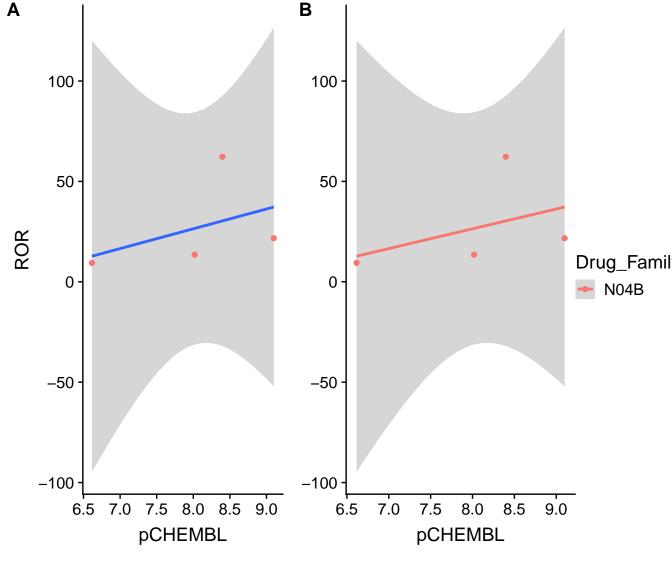


Intercept: 0.48 Slope: -0.02 SE: 0.02 p-value: 0.281487

gambling ~ Adrenergic Alpha2 receptor [ Antagonist ]

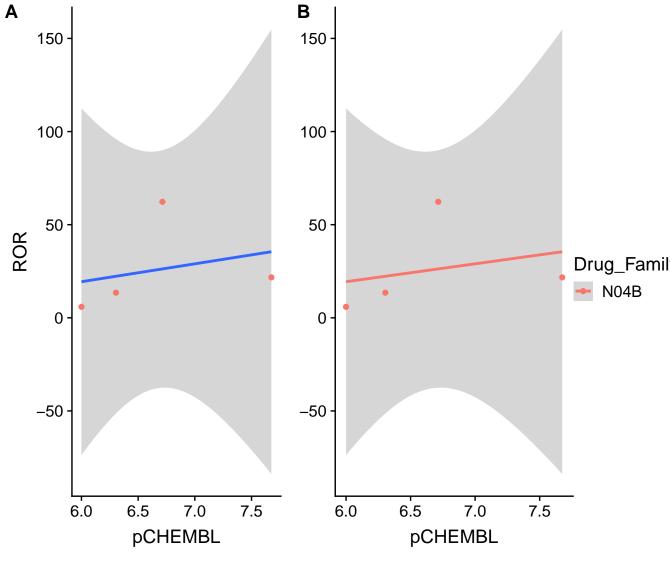


gambling ~ Dopamine D3 receptor [ Partial Agonist ]



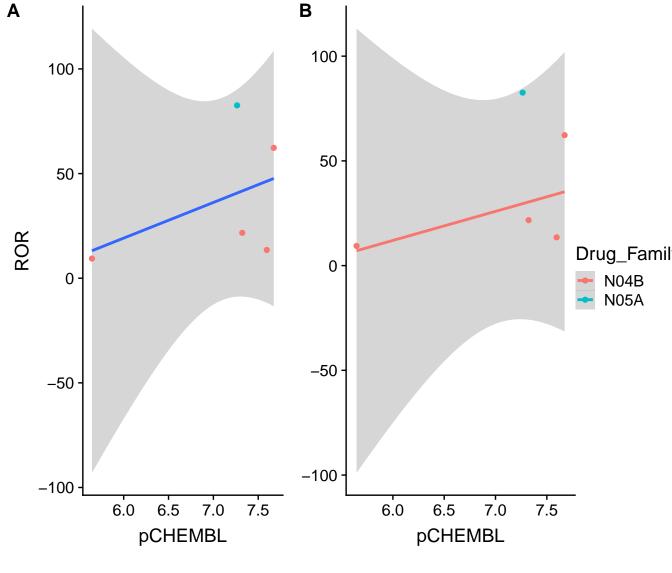
Intercept: -52.49 Slope: 9.86 SE: 14.84 p-value: 0.574827

gambling ~ Dopamine D5 receptor [ Agonist ]



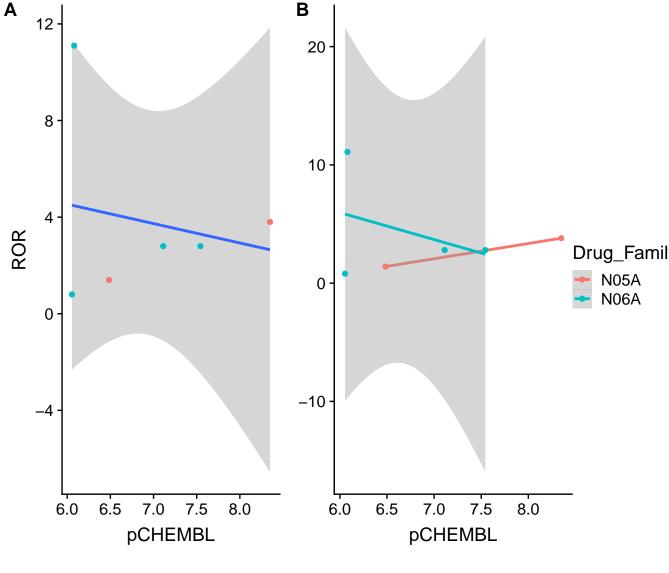
Intercept: -38.27 Slope: 9.61 SE: 23.42 p-value: 0.721401

gambling ~ Serotonin 5-HT1 receptor [ Partial Agonist ]



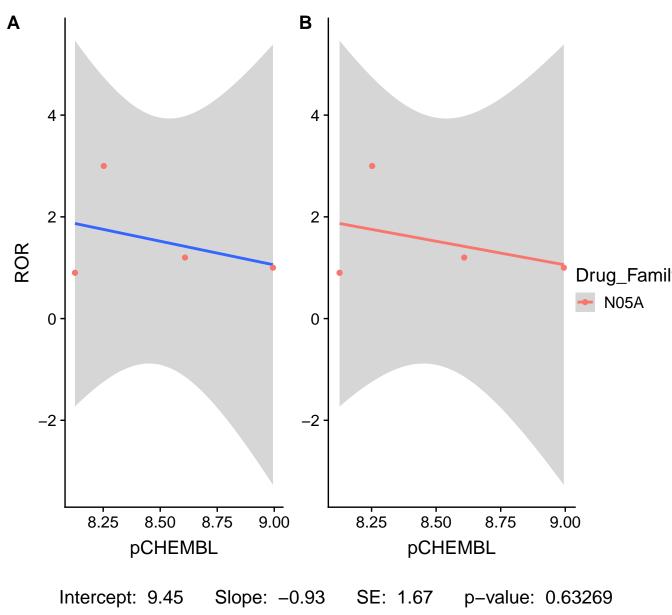
Intercept: -83.02 Slope: 17.03 SE: 20.43 p-value: 0.465572

#### homicide ~ Serotonin 5-HT2 receptor [ Antagonist ]

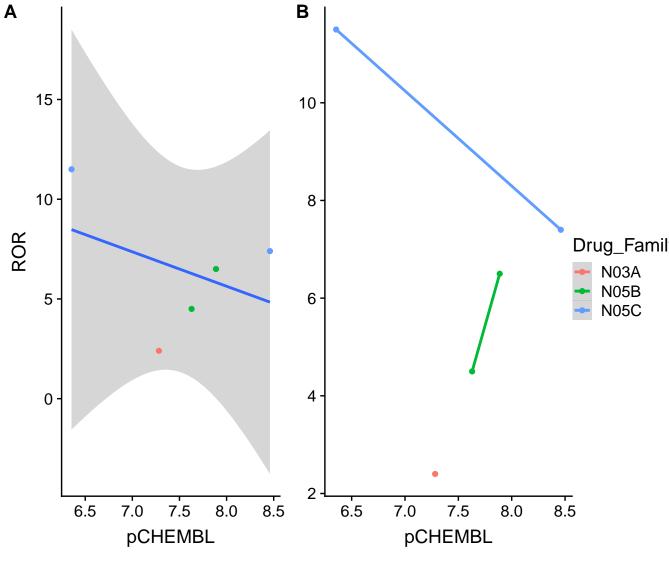


Intercept: 9.35 Slope: -0.8 SE: 2.03 p-value: 0.712009

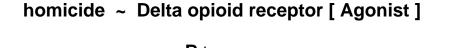
### homicide ~ Serotonin 5-HT2 receptor [ Inverse Agonist ]

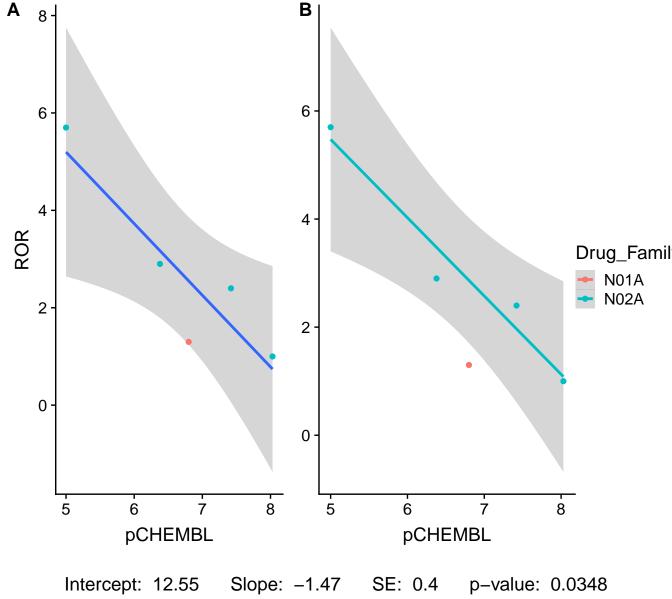




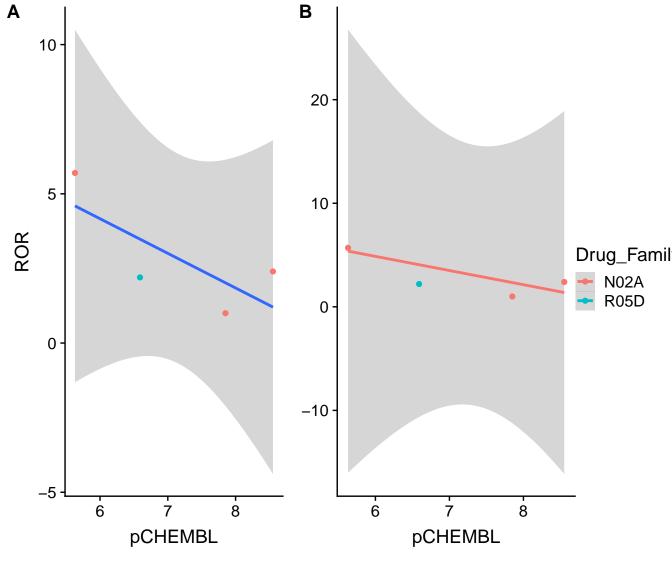


Intercept: 19.45 Slope: -1.73 SE: 2.31 p-value: 0.50973



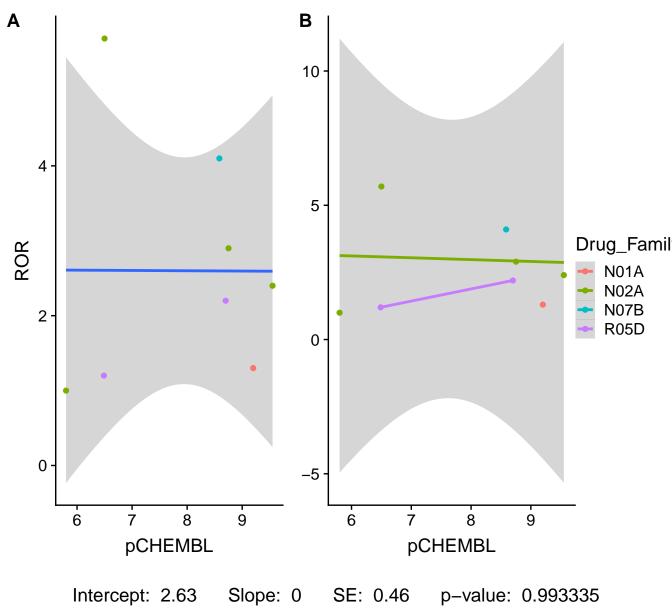




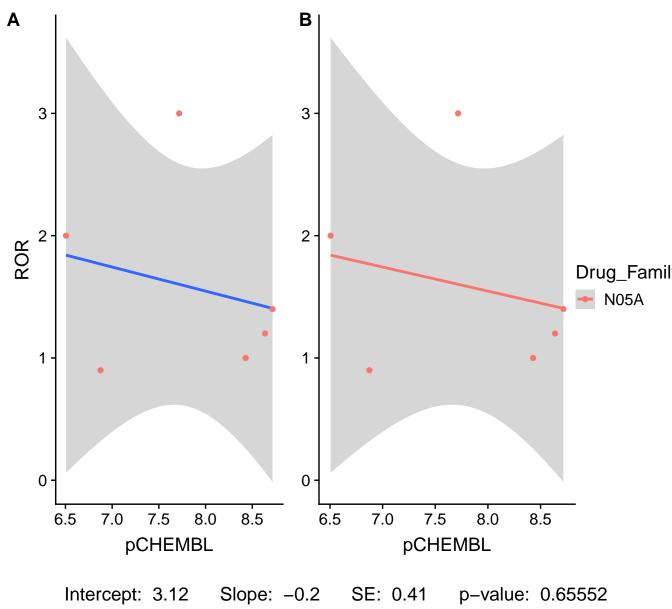


Intercept: 11.13 Slope: -1.16 SE: 0.72 p-value: 0.250274

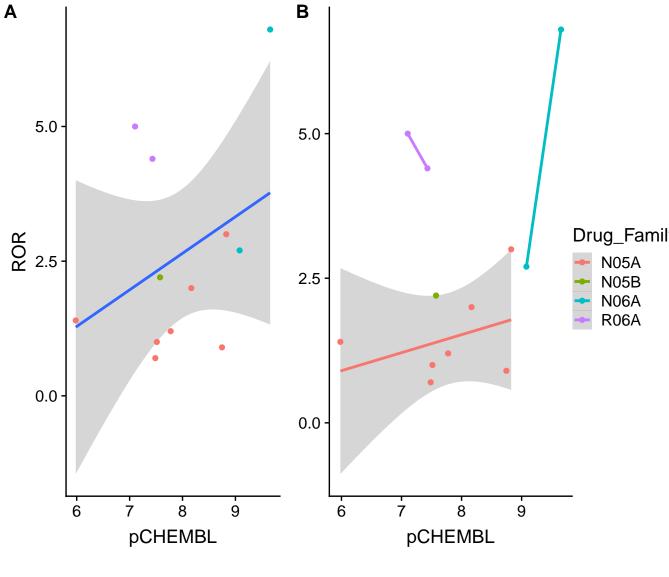




## homicide ~ Dopamine D2 receptor [ Antagonist ]

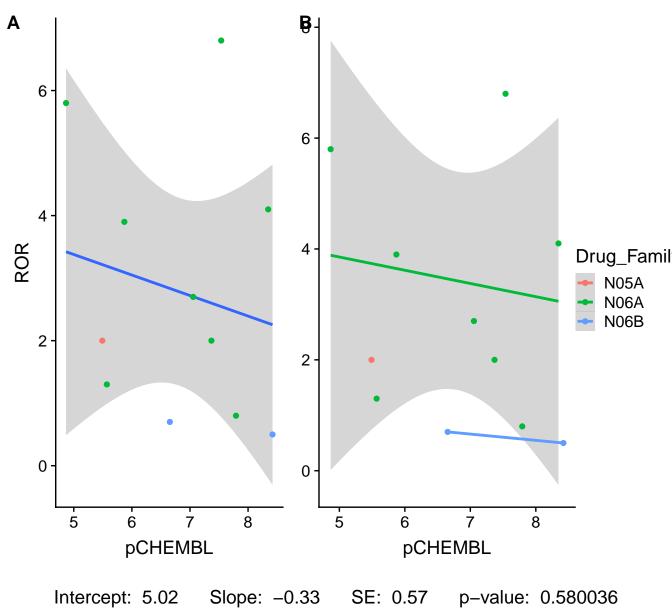


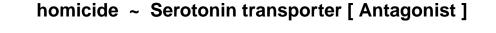


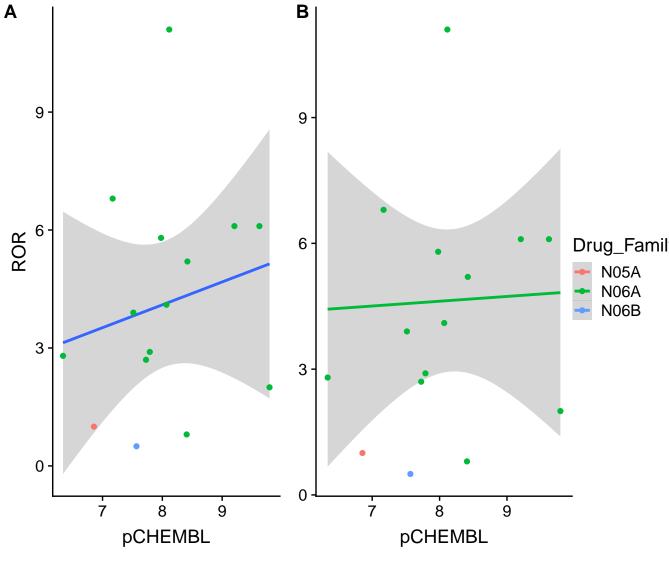


Intercept: -2.78 Slope: 0.68 SE: 0.56 p-value: 0.25315

#### homicide ~ Norepinephrine transporter [ Antagonist ]

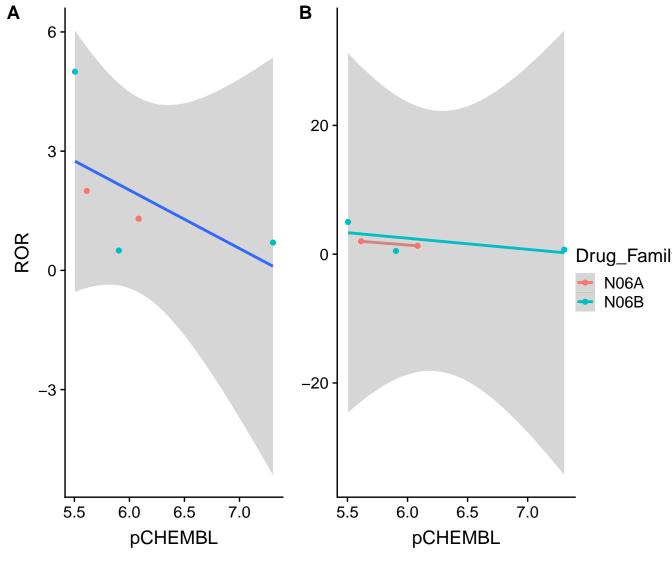




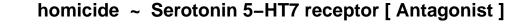


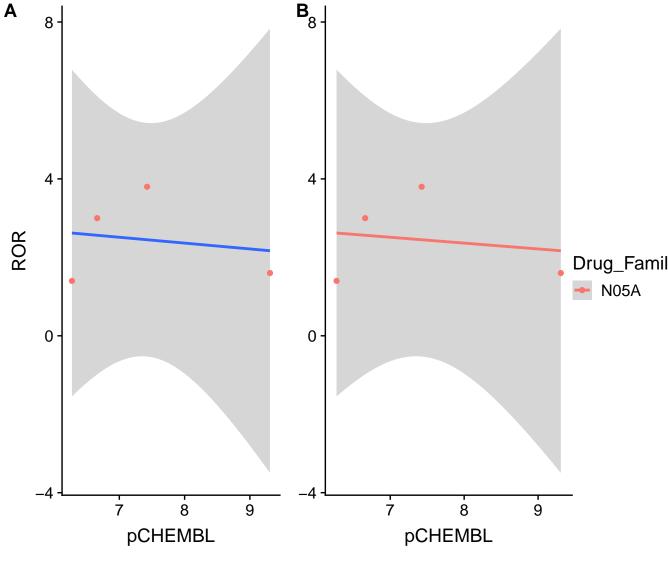
Intercept: -0.55 Slope: 0.58 SE: 0.8 p-value: 0.479032

## homicide ~ Dopamine transporter [ Antagonist ]

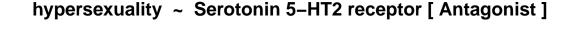


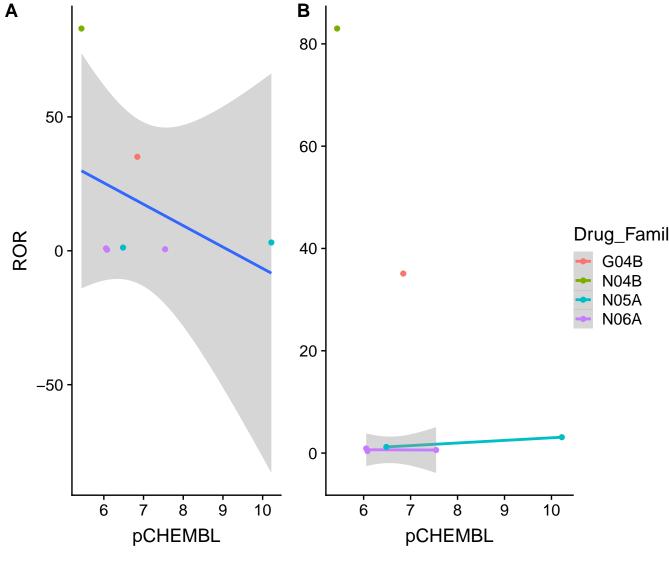
Intercept: 10.84 Slope: -1.47 SE: 1.19 p-value: 0.306279





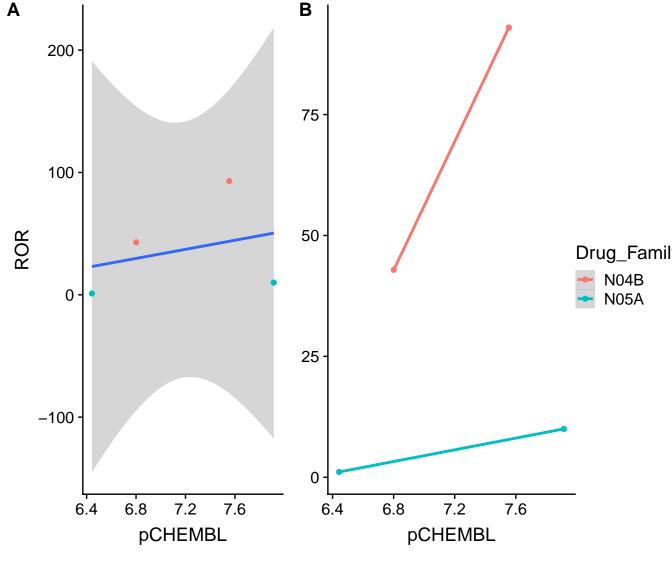
Intercept: 3.55 Slope: -0.15 SE: 0.59 p-value: 0.825086





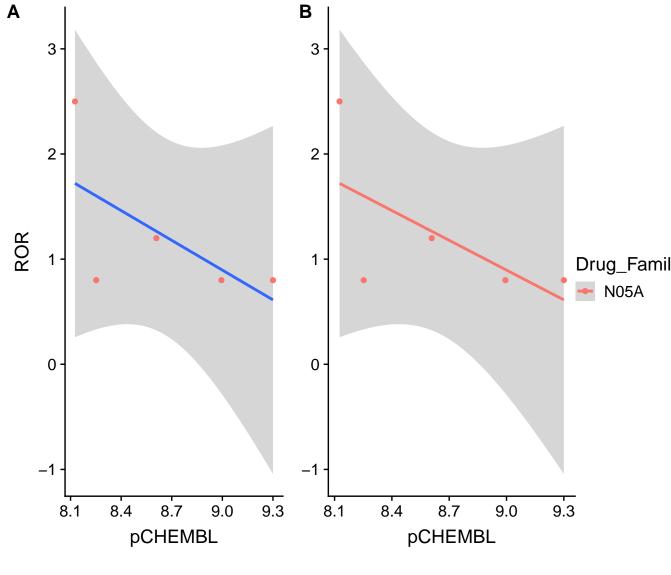
Intercept: 73.31 Slope: -7.99 SE: 8.1 p-value: 0.369172

hypersexuality ~ Serotonin 5–HT2 receptor [ Partial Agonist ]

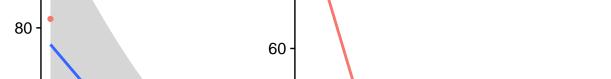


Intercept: -96.5 Slope: 18.56 SE: 41.55 p-value: 0.69877

# hypersexuality ~ Serotonin 5–HT2 receptor [ Inverse Agonist ]



Intercept: 9.39 Slope: -0.94 SE: 0.67 p-value: 0.251677

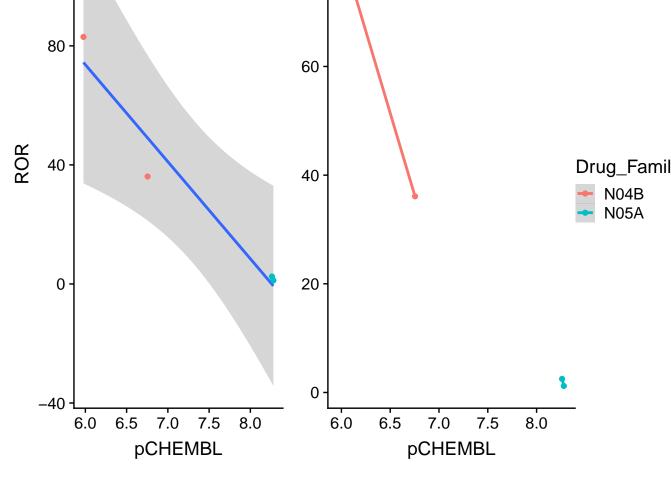


hypersexuality ~ Adrenergic Alpha1 receptor [ Antagonist ]

В

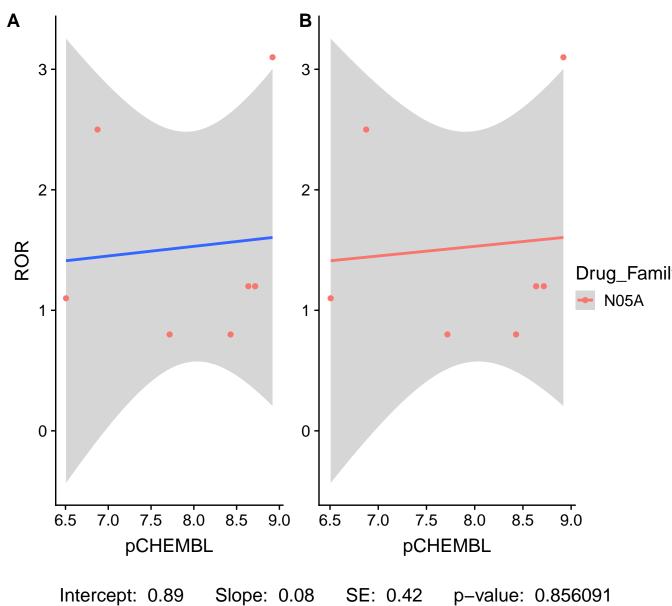
80

120 -

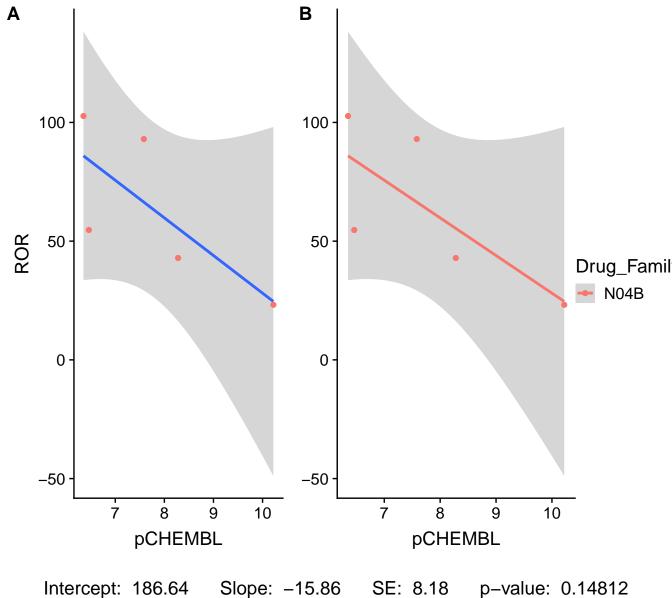


Intercept: 269.26 Slope: -32.6 SE: 5.66 p-value: 0.028854



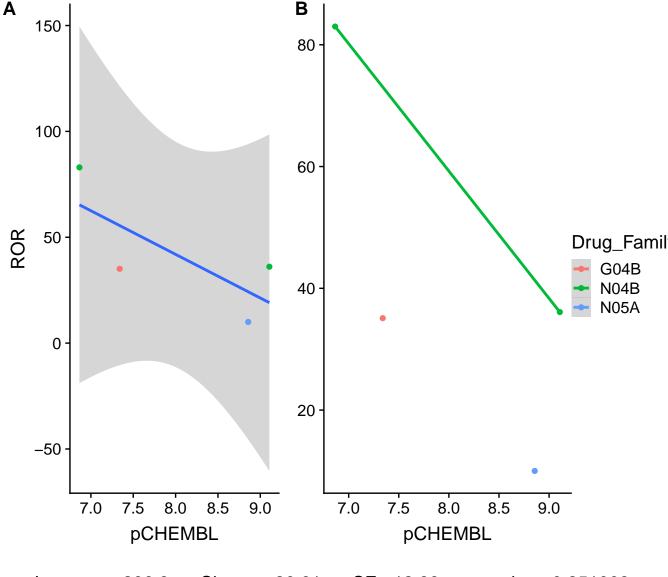






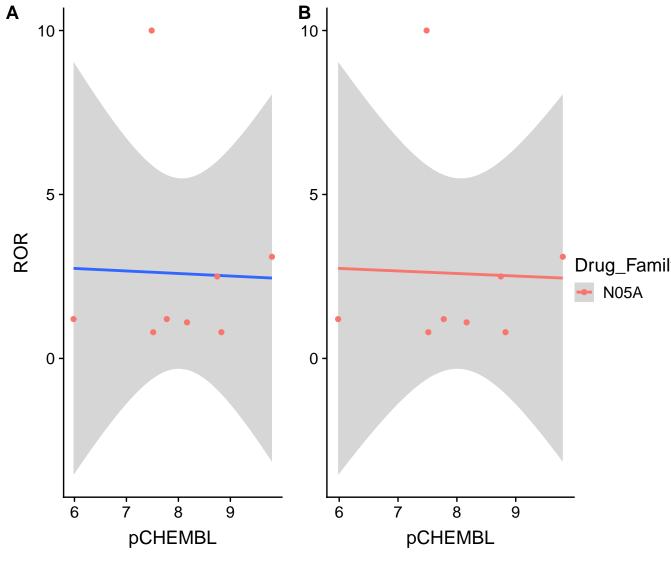


Α



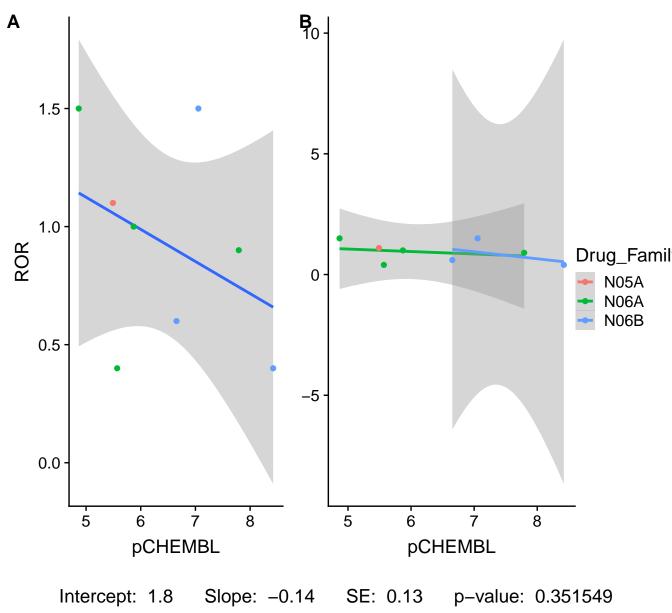
Intercept: 206.8 Slope: -20.61 SE: 12.89 p-value: 0.251008

hypersexuality ~ Histamine H1 receptor [ Antagonist ]

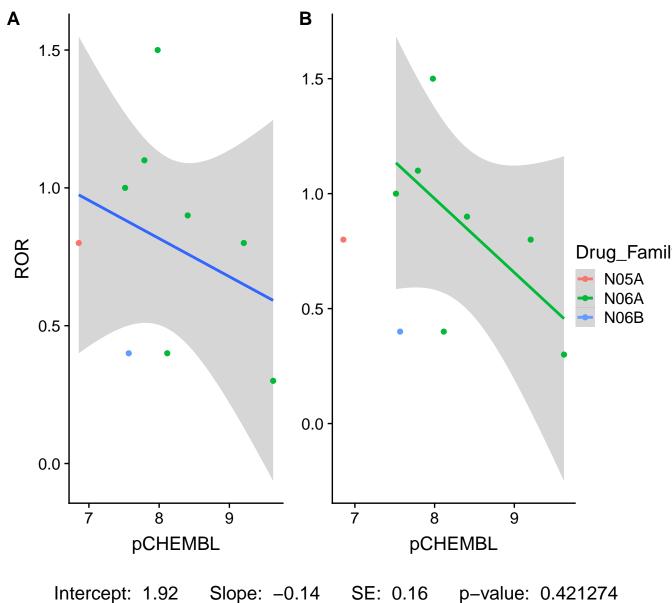


Intercept: 3.21 Slope: -0.08 SE: 1.11 p-value: 0.946933

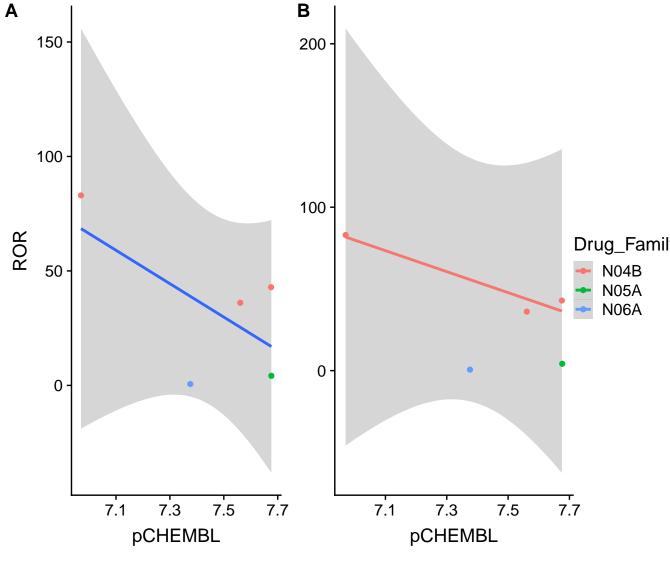
#### hypersexuality ~ Norepinephrine transporter [ Antagonist ]





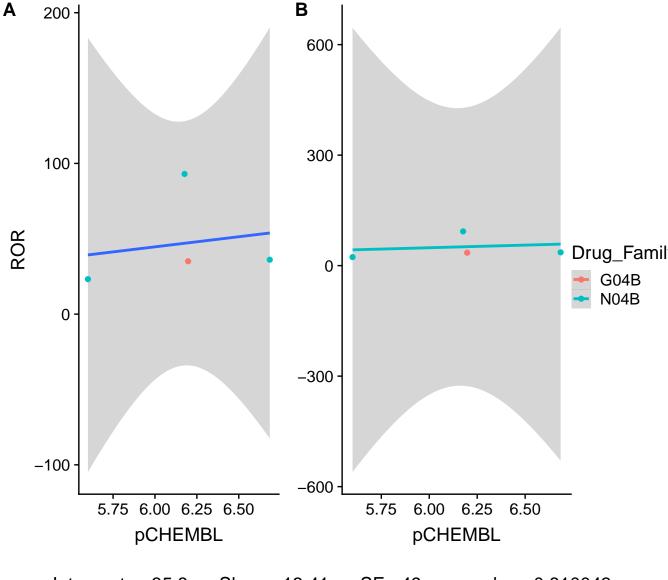






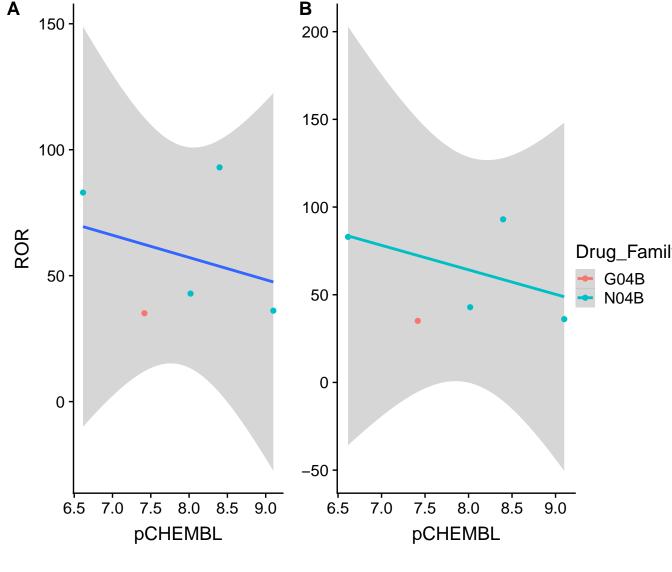
Intercept: 576.91 Slope: -72.94 SE: 49.98 p-value: 0.240574





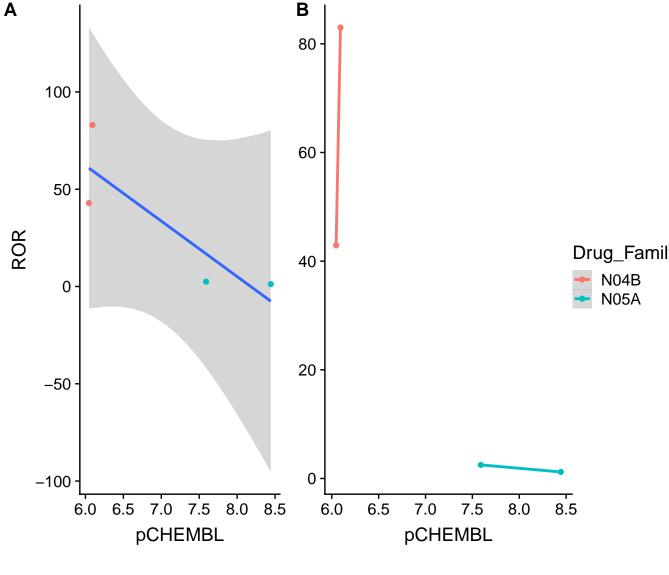
Intercept: -35.8 Slope: 13.41 SE: 49 p-value: 0.810043

hypersexuality ~ Dopamine D3 receptor [ Partial Agonist ]



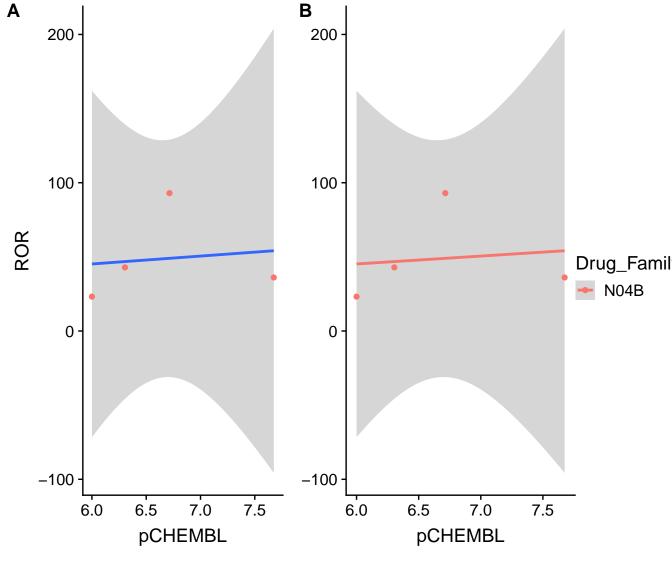
Intercept: 127.95 Slope: -8.84 SE: 16.14 p-value: 0.621891





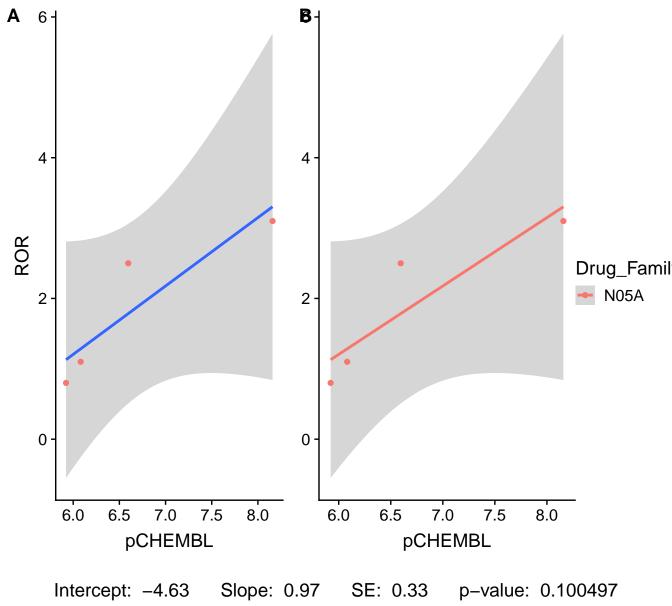
Intercept: 233.34 Slope: -28.53 SE: 11.78 p-value: 0.136399

hypersexuality ~ Dopamine D5 receptor [ Agonist ]



Intercept: 13.25 Slope: 5.33 SE: 29.42 p-value: 0.872973

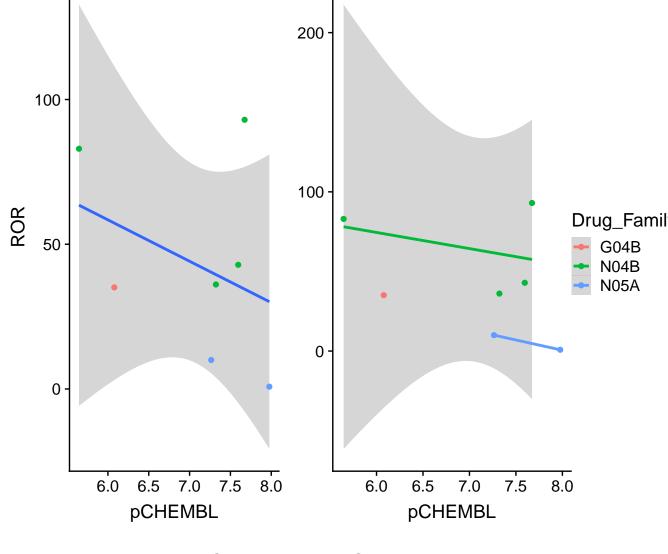




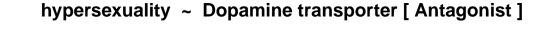
| B |

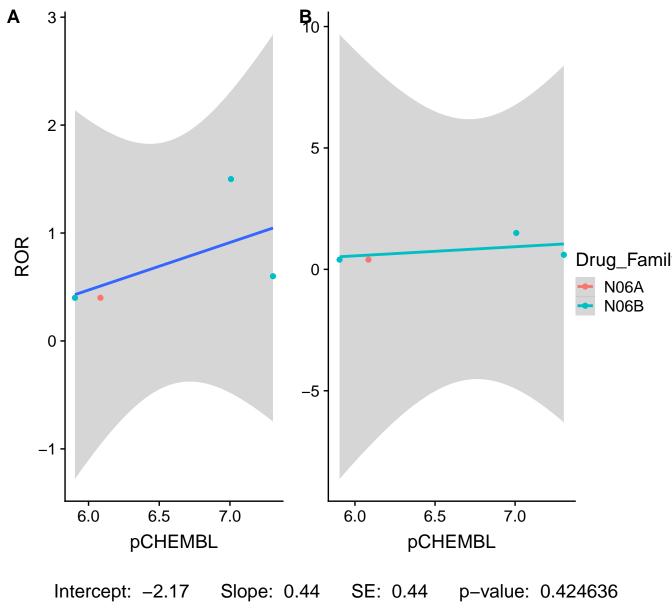
Α

hypersexuality ~ Serotonin 5-HT1 receptor [ Partial Agonist ]

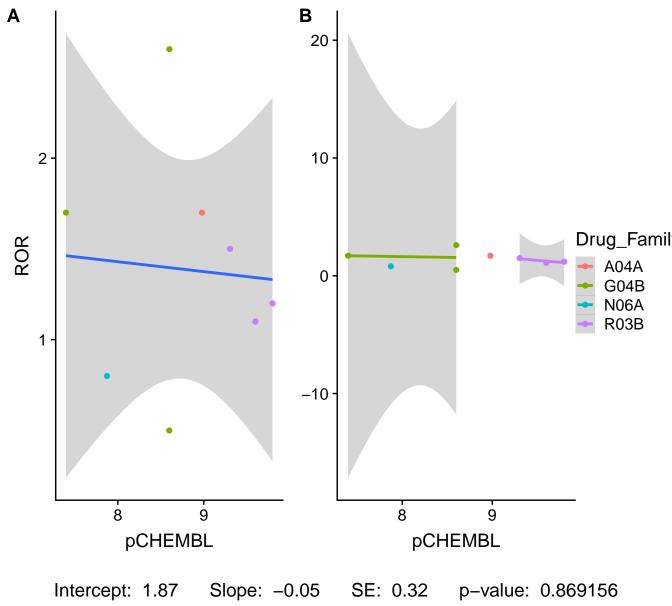


Intercept: 144.2 Slope: -14.3 SE: 16.39 p-value: 0.42287

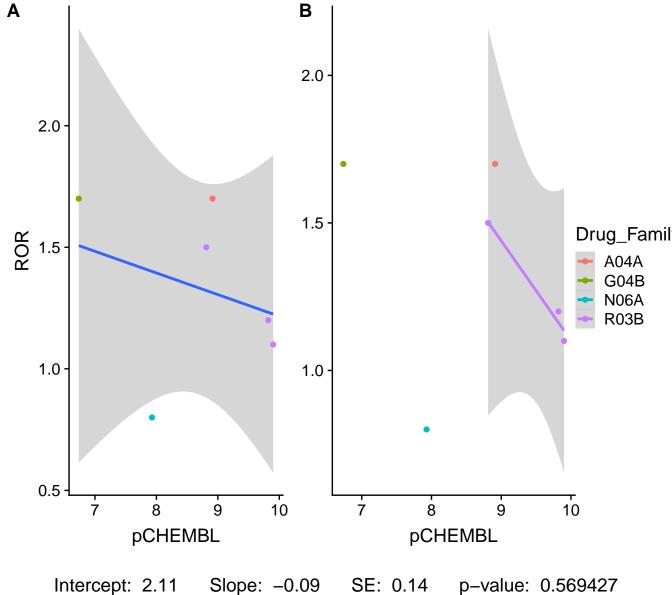




impaired driving ability ~ Muscarinic M1 receptor [ Antagonist ]



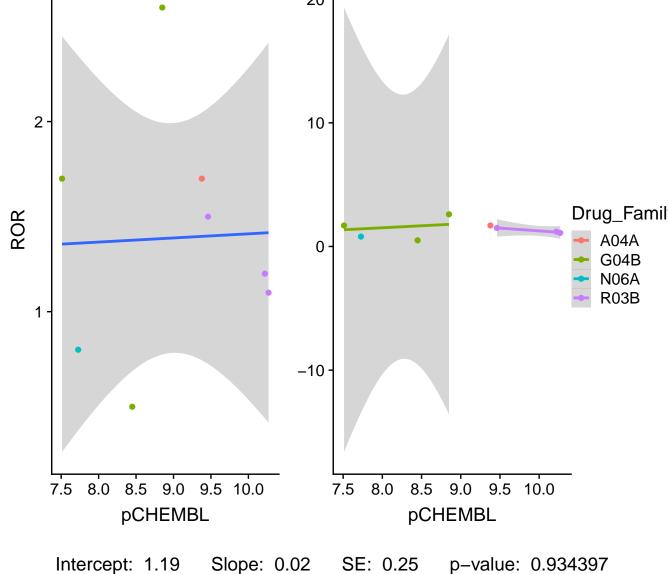
impaired driving ability ~ Muscarinic M2 receptor [ Antagonist ]

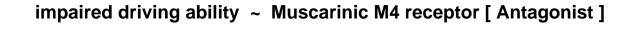


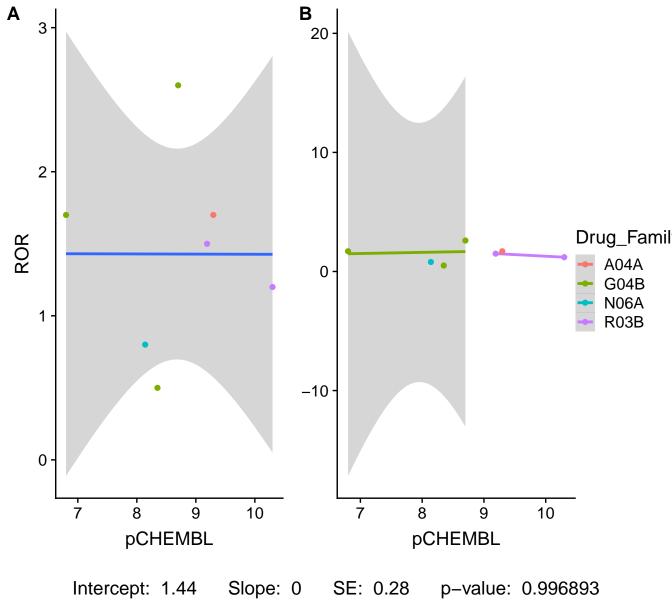
**B**<sub>20</sub> |

Α

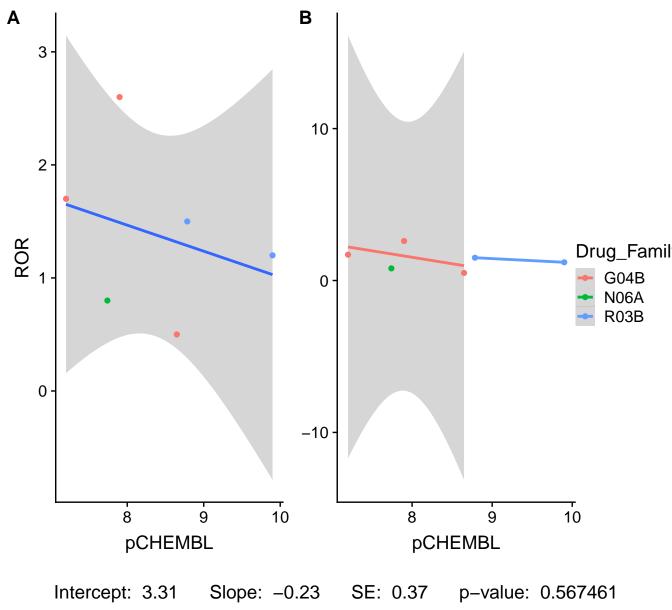
impaired driving ability ~ Muscarinic M3 receptor [ Antagonist ]



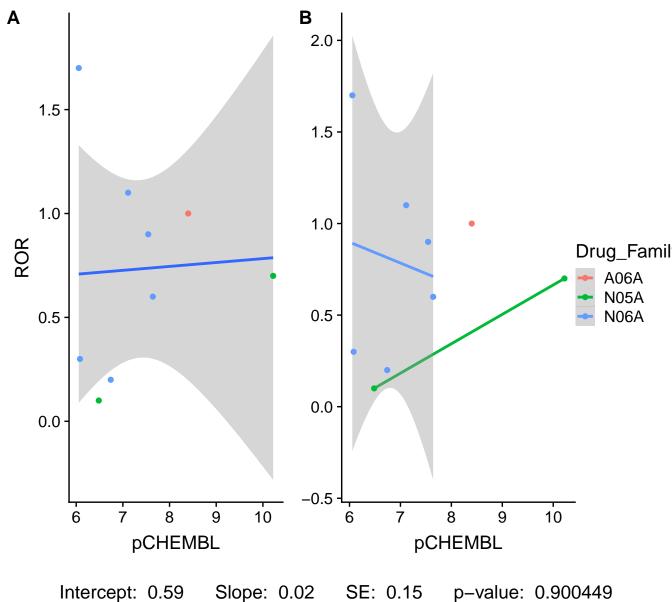




impaired driving ability ~ Muscarinic M5 receptor [ Antagonist ]

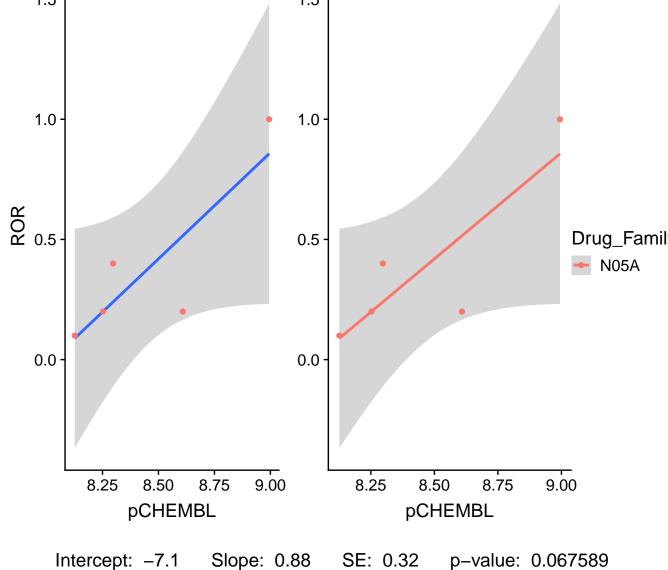


impaired driving ability ~ Serotonin 5–HT2 receptor [ Antagonist ]

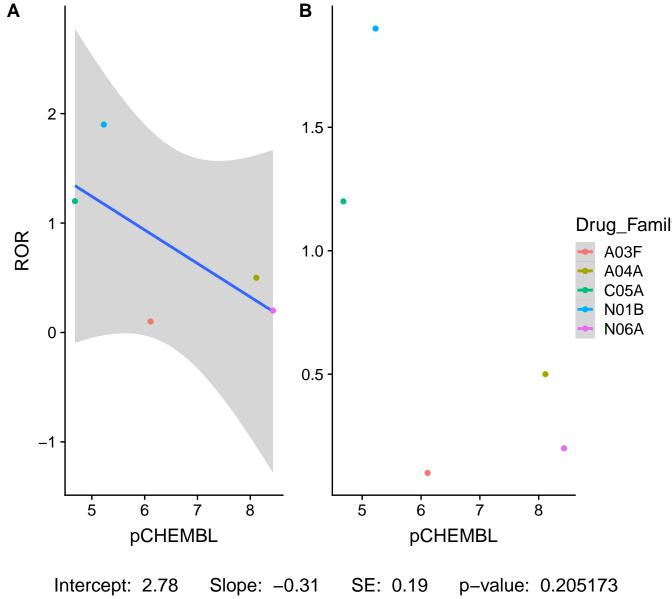


impaired driving ability ~ Serotonin 5–HT2 receptor [ Inverse Agonist ]

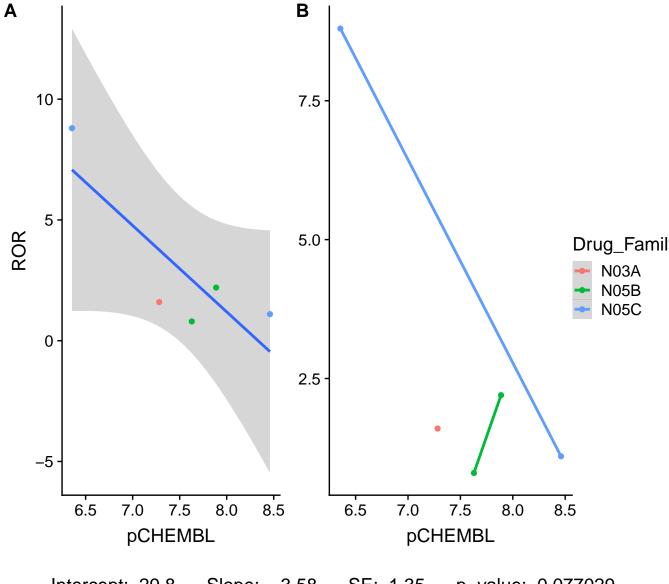
A 1.5-



impaired driving ability ~ Serotonin 5–HT3 receptor [ Antagonist ]

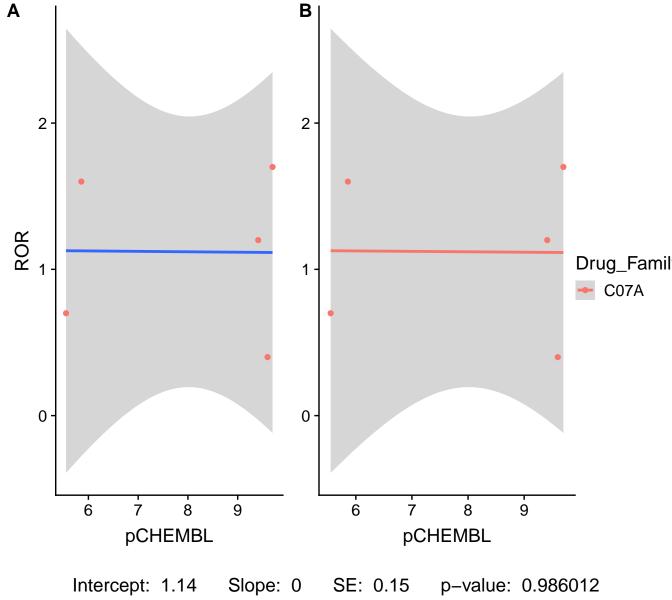




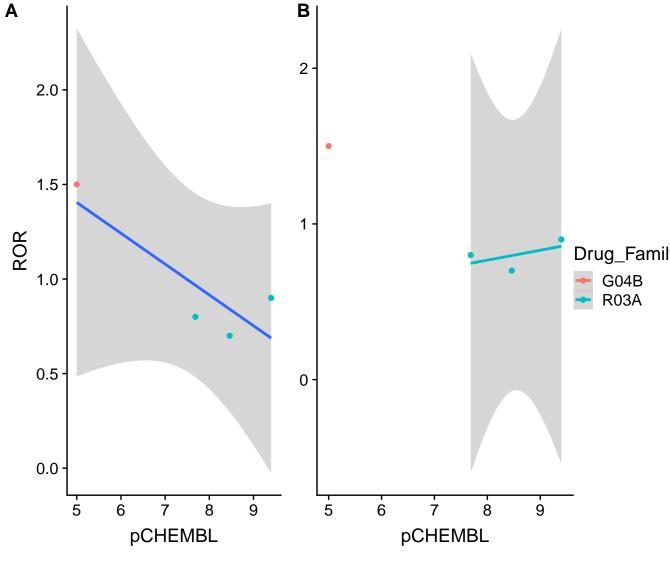


Intercept: 29.8 Slope: -3.58 SE: 1.35 p-value: 0.077029



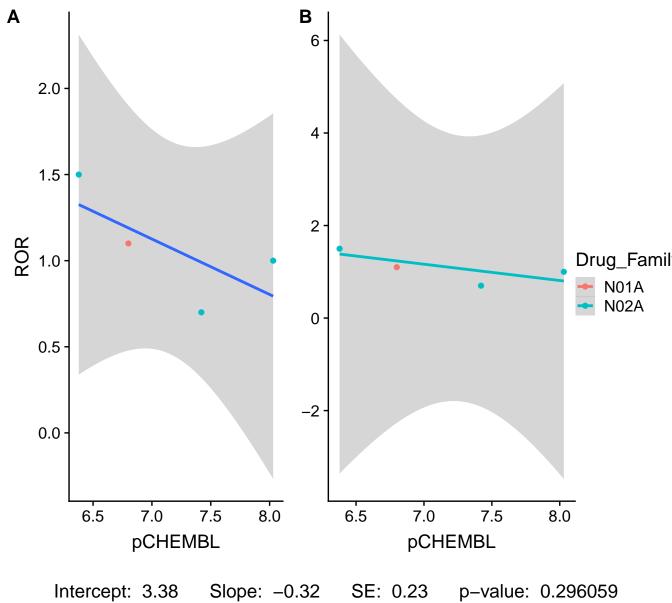




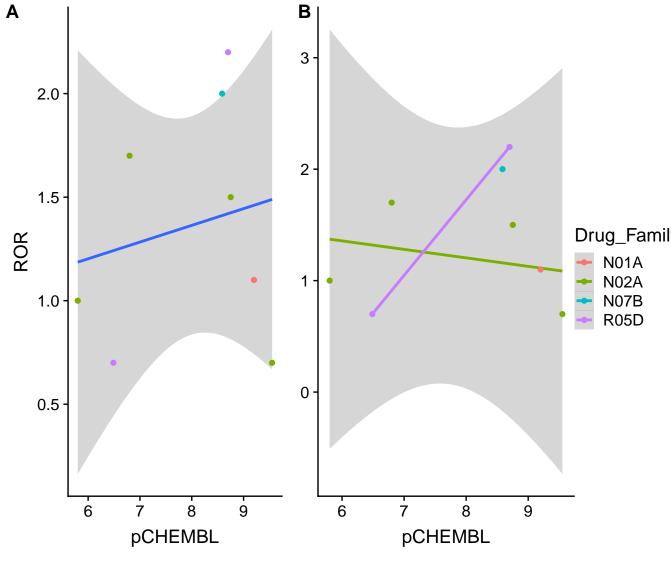


Intercept: 2.22 Slope: -0.16 SE: 0.07 p-value: 0.141416



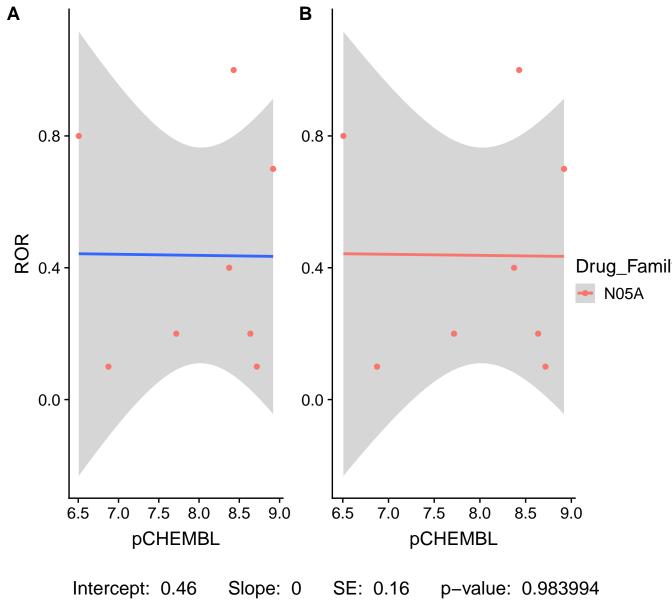




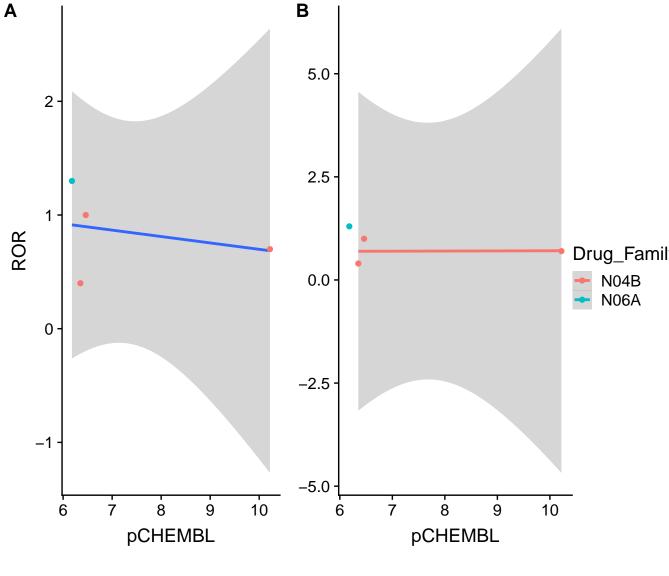


Intercept: 0.72 Slope: 0.08 SE: 0.16 p-value: 0.640048

## impaired driving ability ~ Dopamine D2 receptor [ Antagonist ]

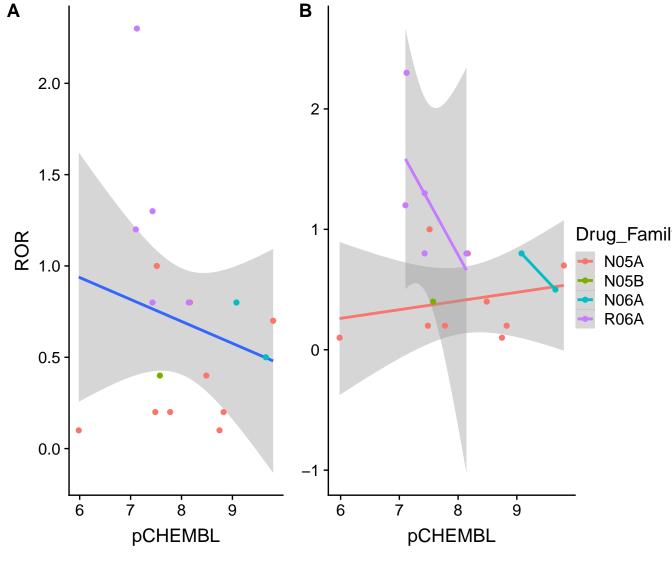


impaired driving ability ~ Dopamine D2 receptor [ Agonist ]



Intercept: 1.26 Slope: -0.06 SE: 0.13 p-value: 0.716756

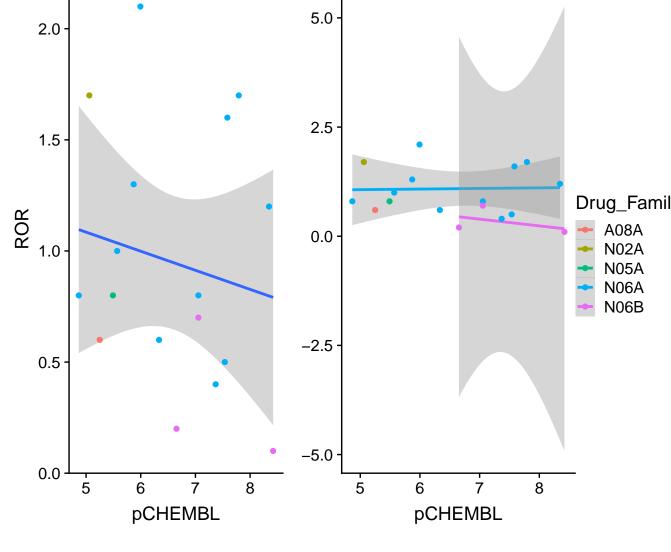
impaired driving ability ~ Histamine H1 receptor [ Antagonist ]



Intercept: 1.66 Slope: -0.12 SE: 0.14 p-value: 0.411444

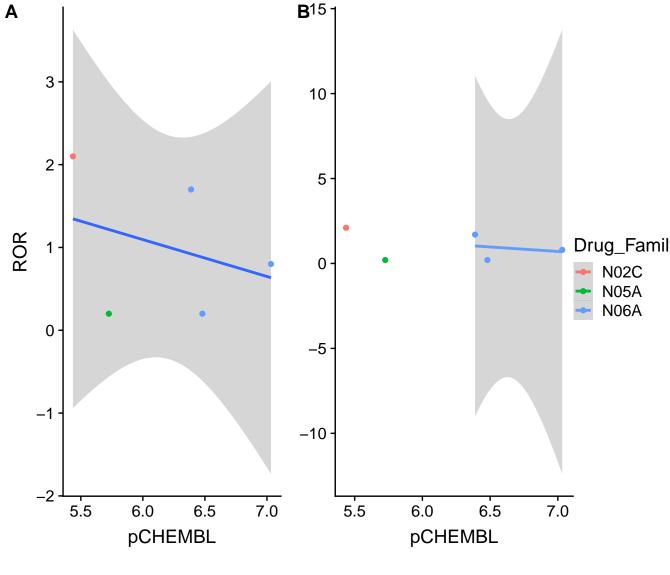
**A B** 5.01

impaired driving ability ~ Norepinephrine transporter [ Antagonist ]



Intercept: 1.51 Slope: -0.09 SE: 0.13 p-value: 0.507578

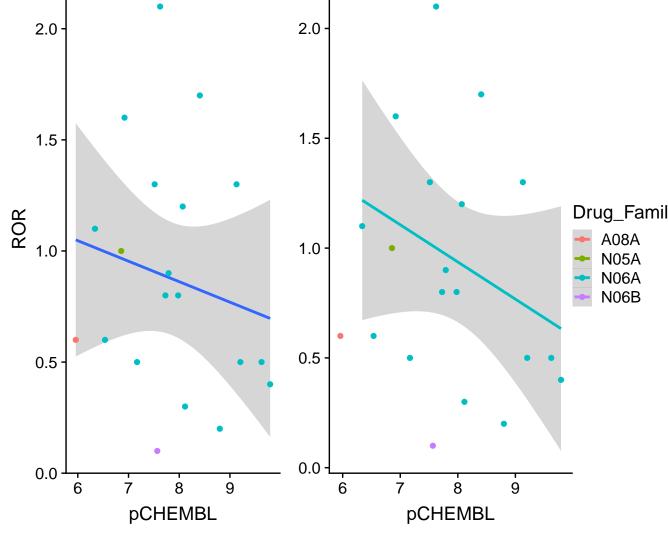
impaired driving ability ~ Serotonin 5–HT6 receptor [ Antagonist ]



Intercept: 3.77 Slope: -0.45 SE: 0.75 p-value: 0.59297

B |

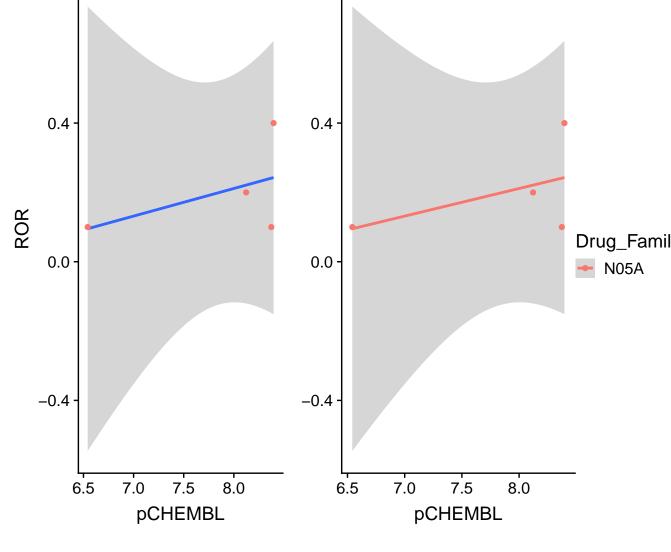
impaired driving ability ~ Serotonin transporter [ Antagonist ]



Intercept: 1.6 Slope: -0.09 SE: 0.12 p-value: 0.43464

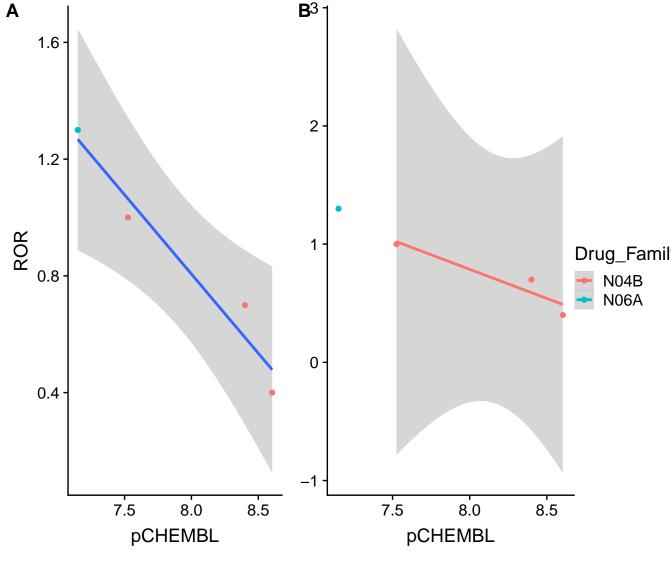
<sup>0.8</sup>]

impaired driving ability ~ Dopamine D3 receptor [ Antagonist ]



Intercept: -0.43 Slope: 0.08 SE: 0.1 p-value: 0.500869

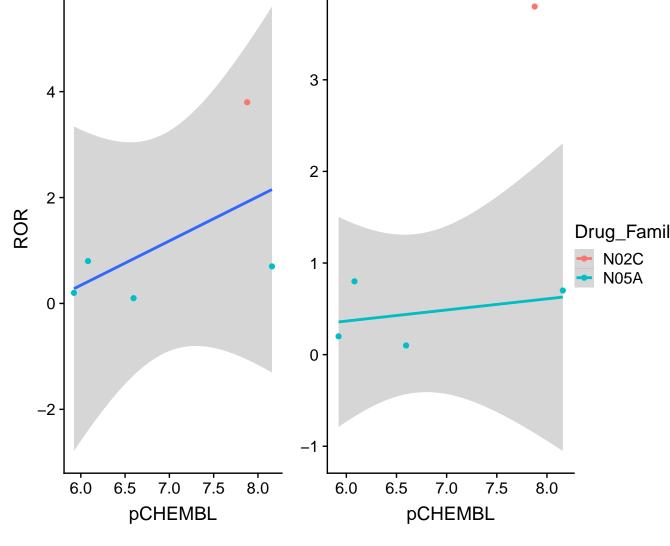
impaired driving ability ~ Dopamine D3 receptor [ Agonist ]



Intercept: 5.15 Slope: -0.54 SE: 0.09 p-value: 0.026564

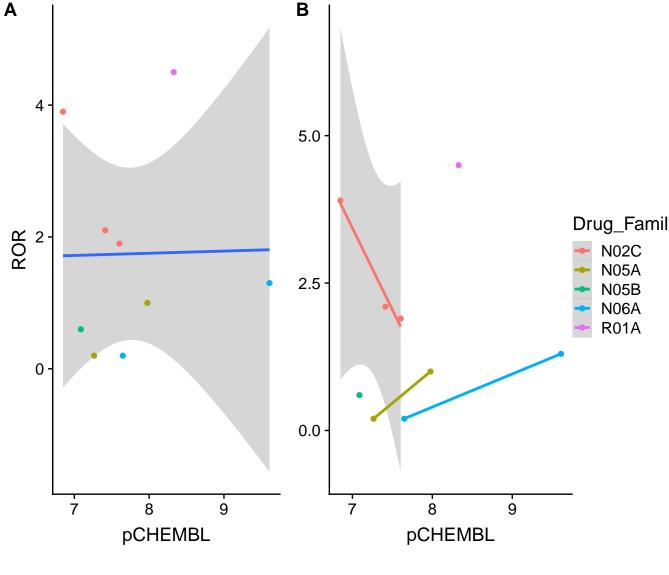
6 1 **B**4 1

impaired driving ability ~ Serotonin 5-HT1 receptor [ Agonist ]



Intercept: -4.68 Slope: 0.84 SE: 0.71 p-value: 0.320757

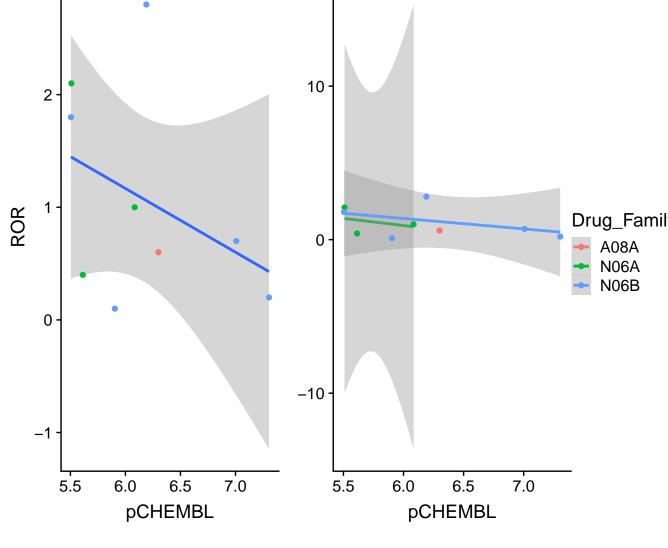
impaired driving ability ~ Serotonin 5–HT1 receptor [ Partial Agonist ]



Intercept: 1.49 Slope: 0.03 SE: 0.71 p-value: 0.96396

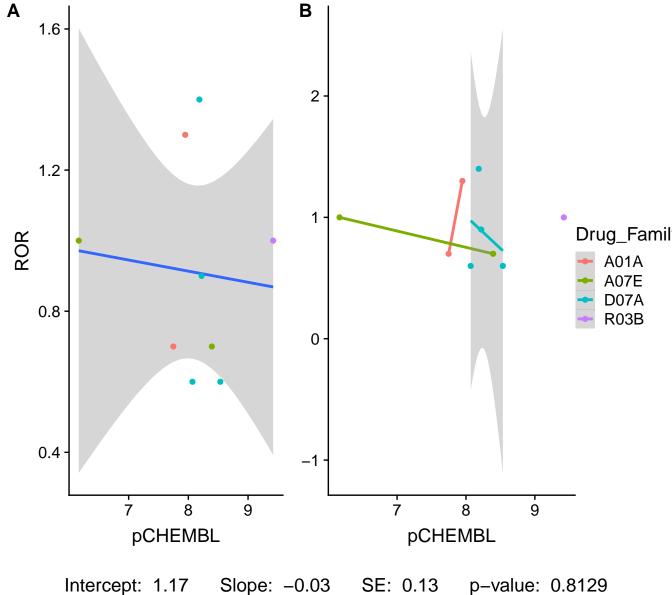
B |

impaired driving ability ~ Dopamine transporter [ Antagonist ]

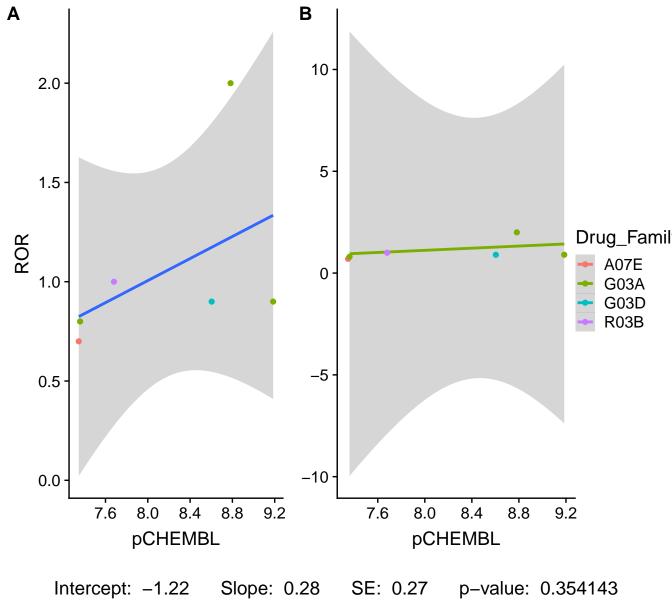


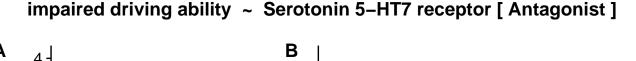
Intercept: 4.56 Slope: -0.57 SE: 0.51 p-value: 0.307357

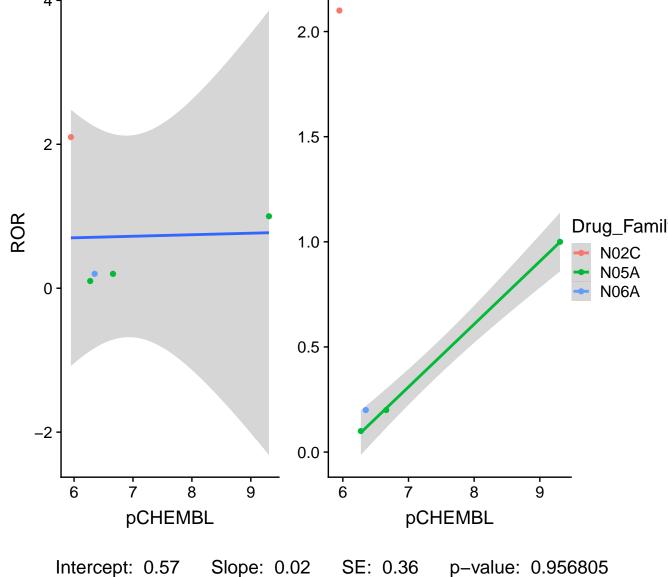




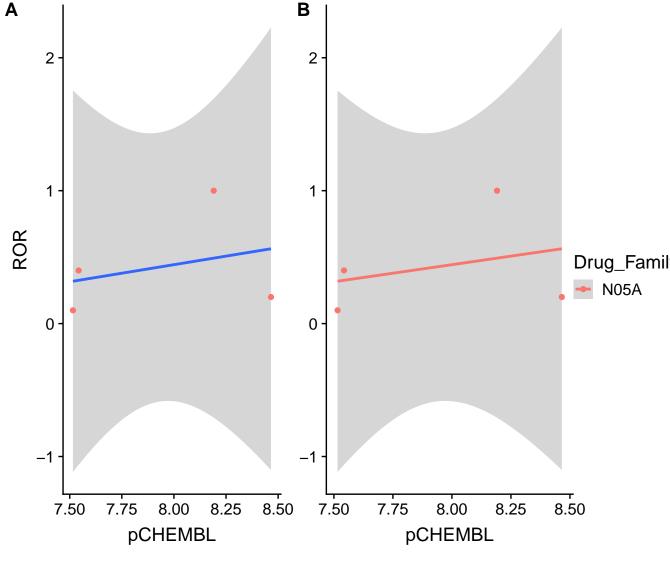






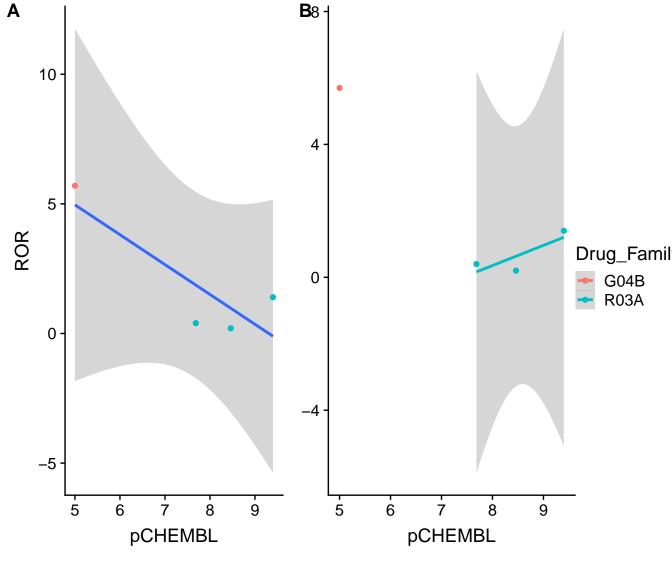


impaired driving ability ~ Serotonin 5–HT7 receptor [ Inverse Agonist ]



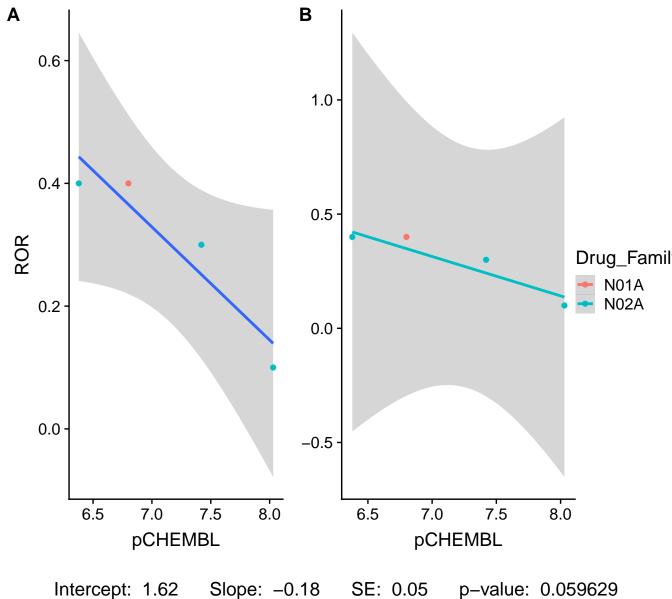
Intercept: -1.61 Slope: 0.26 SE: 0.57 p-value: 0.697163

impaired quality of life ~ Adrenergic Beta2 receptor [ Agonist ]



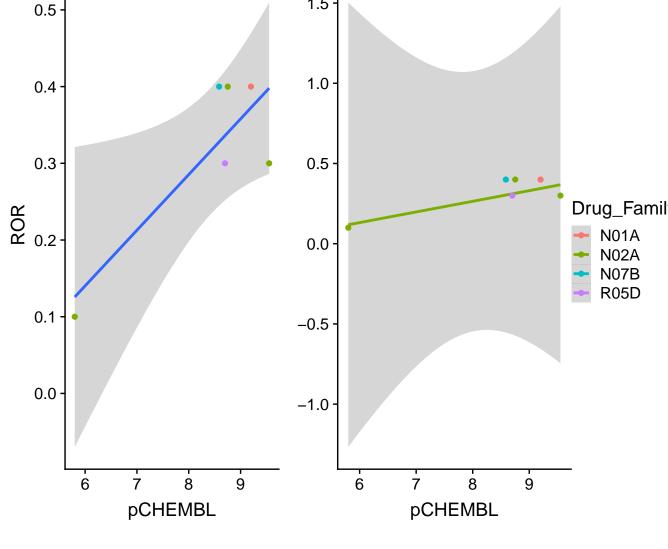
Intercept: 10.72 Slope: -1.15 SE: 0.51 p-value: 0.152039







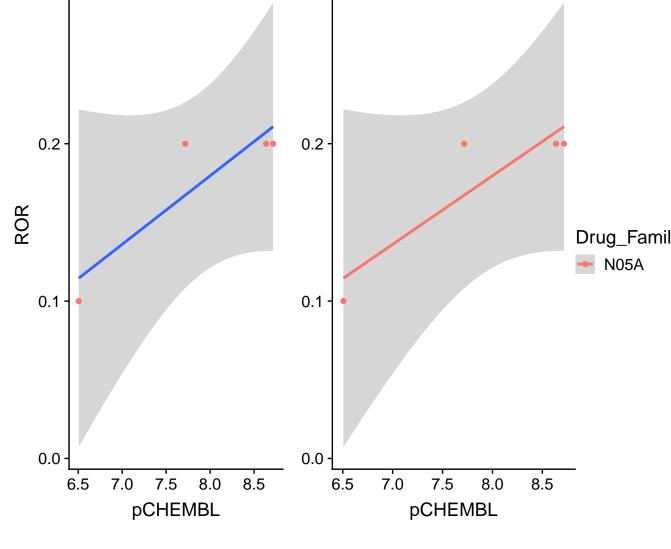
impaired quality of life ~ Mu opioid receptor [ Agonist ]



Intercept: -0.3 Slope: 0.07 SE: 0.02 p-value: 0.04035

0.3

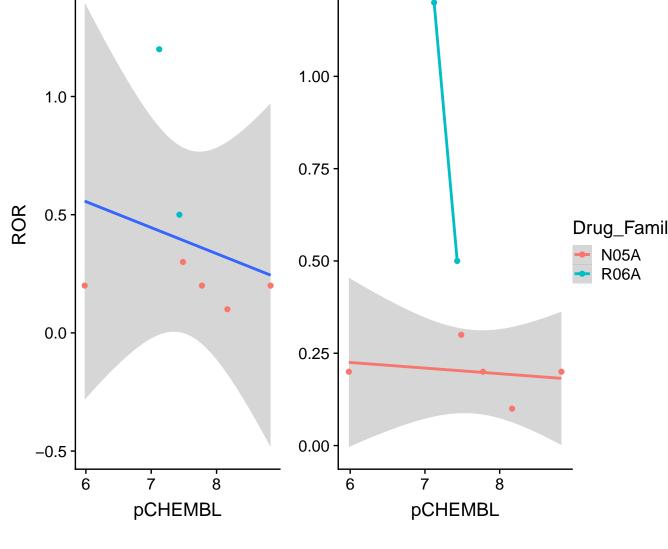
impaired quality of life ~ Dopamine D2 receptor [ Antagonist ]



Intercept: -0.17 Slope: 0.04 SE: 0.02 p-value: 0.102132

**B**.25 -

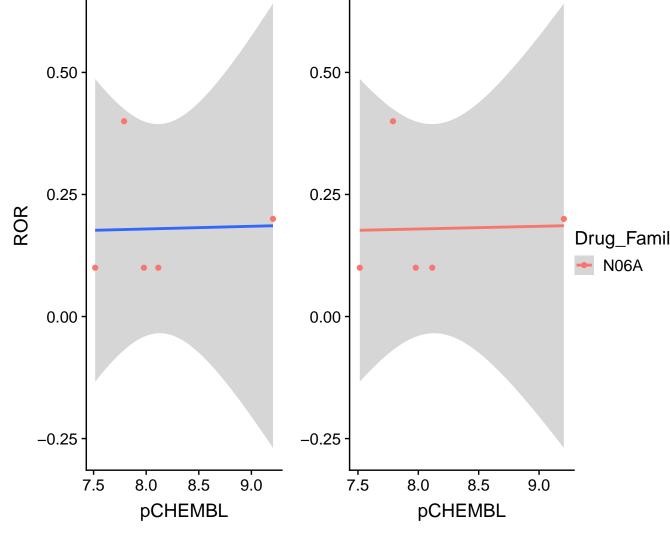
impaired quality of life ~ Histamine H1 receptor [ Antagonist ]



Intercept: 1.22 Slope: -0.11 SE: 0.19 p-value: 0.578465

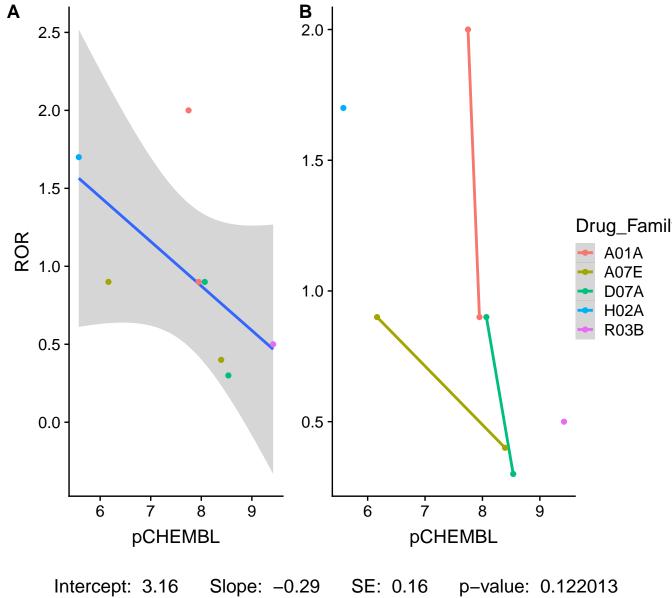


impaired quality of life ~ Serotonin transporter [ Antagonist ]

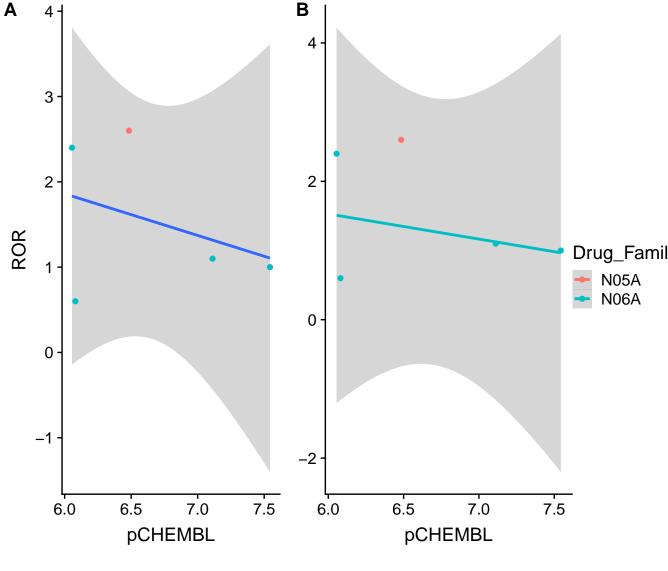


Intercept: 0.14 Slope: 0.01 SE: 0.12 p-value: 0.96528



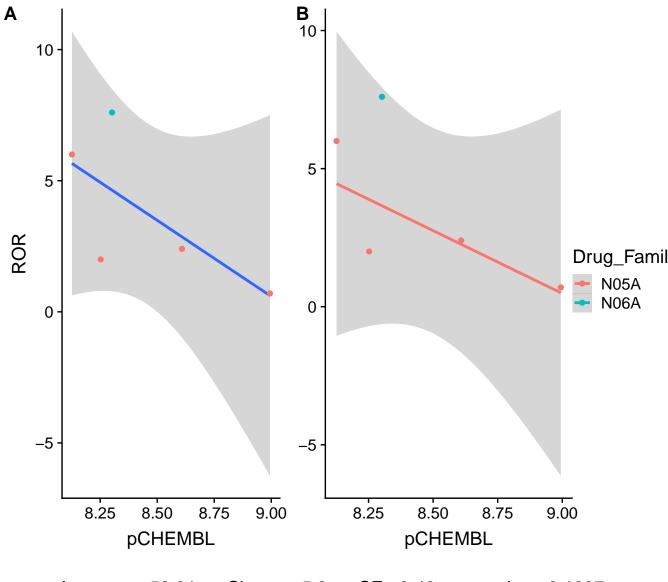


impaired self-care ~ Serotonin 5-HT2 receptor [ Antagonist ]



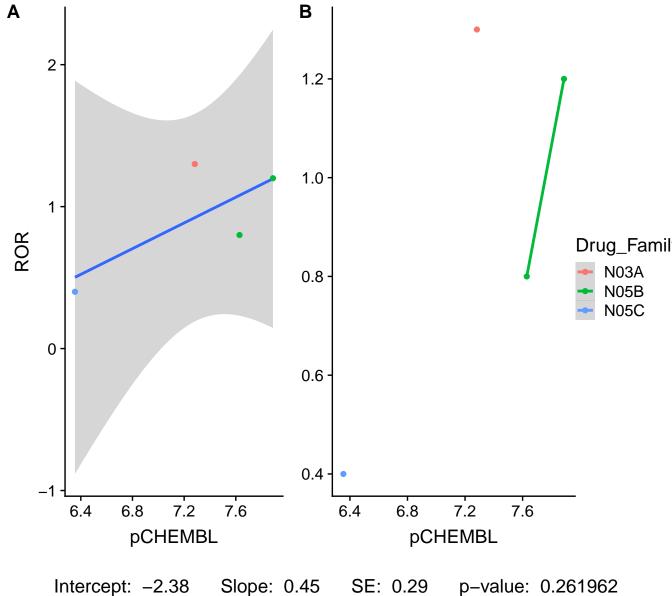
Intercept: 4.79 Slope: -0.49 SE: 0.74 p-value: 0.55661

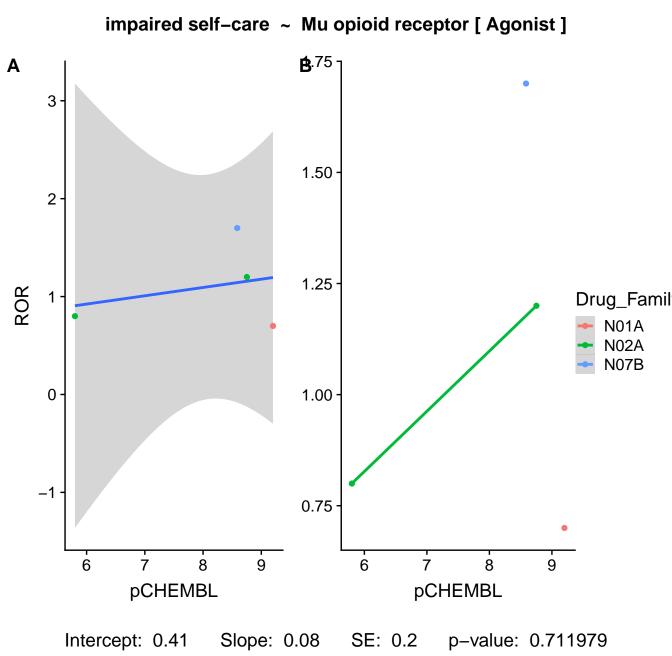
impaired self-care ~ Serotonin 5-HT2 receptor [ Inverse Agonist ]



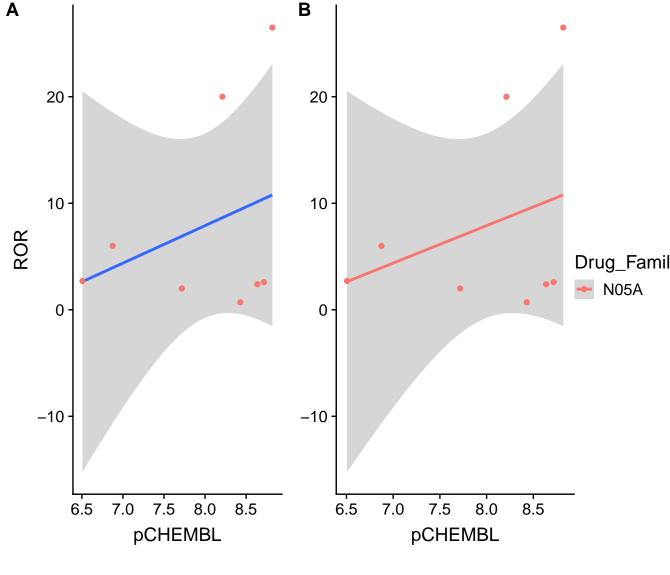
Intercept: 52.81 Slope: -5.8 SE: 3.48 p-value: 0.1937





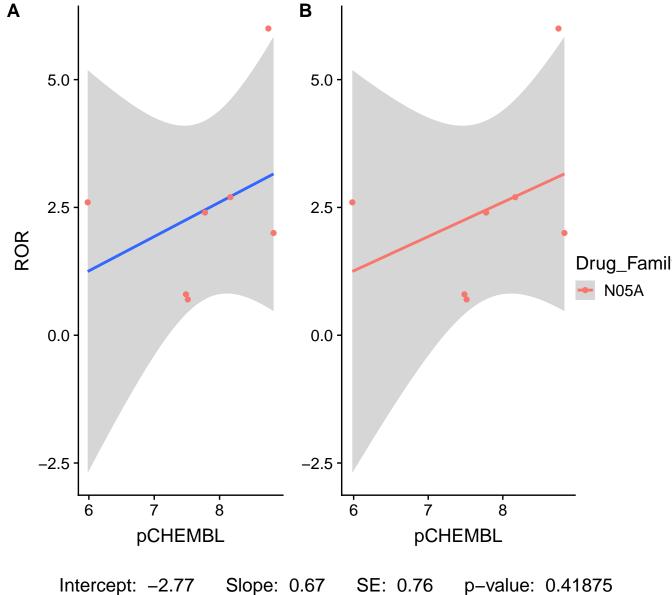




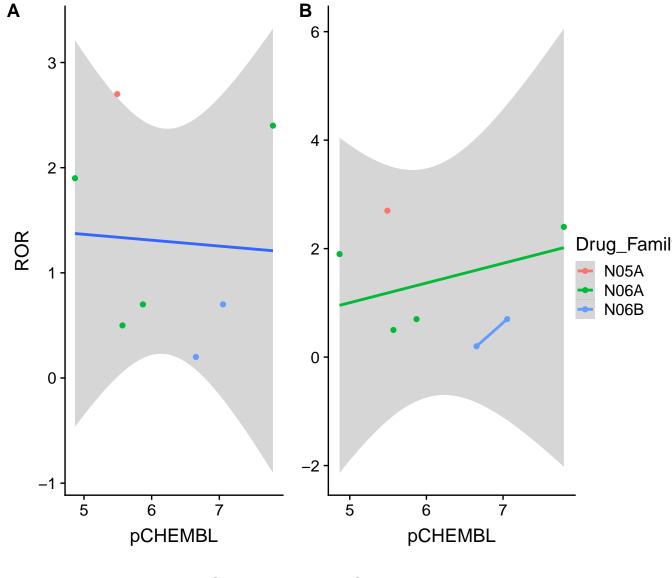


Intercept: -20.24 Slope: 3.52 SE: 4.31 p-value: 0.445443

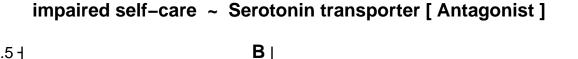


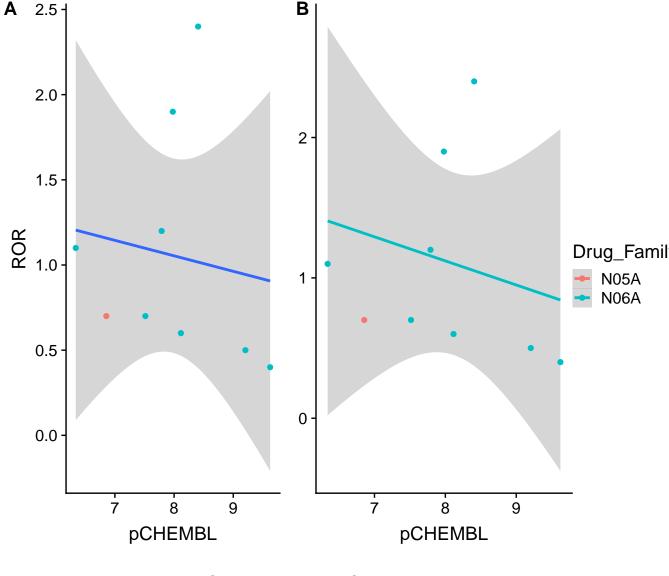


impaired self-care ~ Norepinephrine transporter [ Antagonist ]



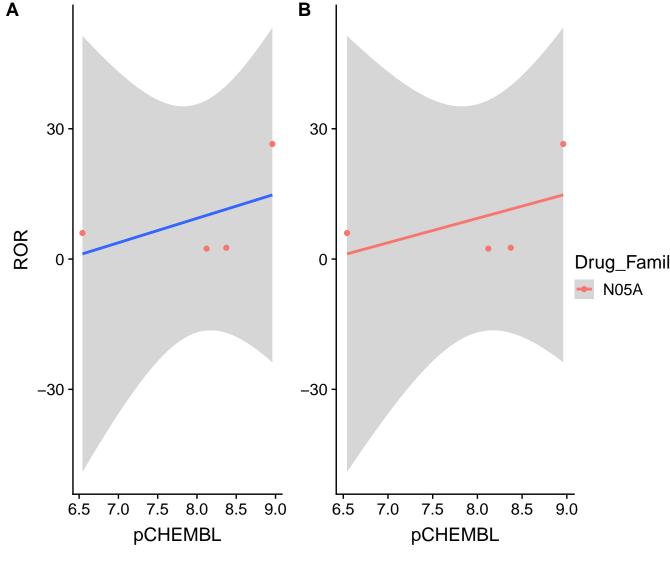
Intercept: 1.65 Slope: -0.06 SE: 0.44 p-value: 0.903997





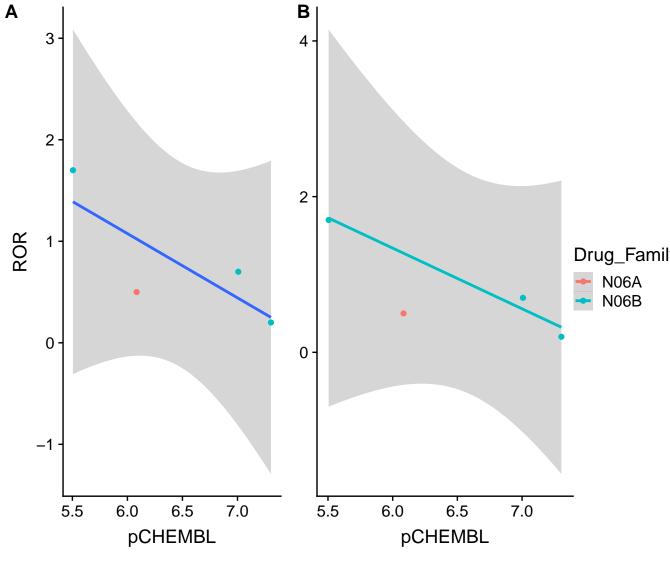
Intercept: 1.78 Slope: -0.09 SE: 0.25 p-value: 0.723573





Intercept: -35.55 Slope: 5.62 SE: 6.83 p-value: 0.497115

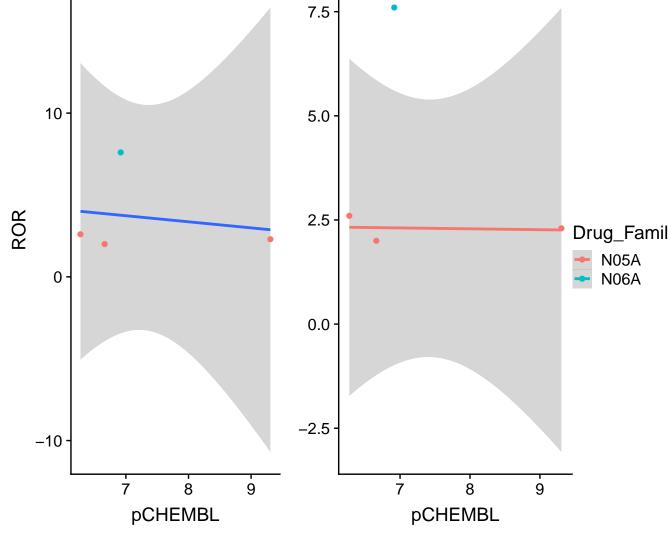
impaired self-care ~ Dopamine transporter [ Antagonist ]



Intercept: 4.87 Slope: -0.63 SE: 0.33 p-value: 0.192439

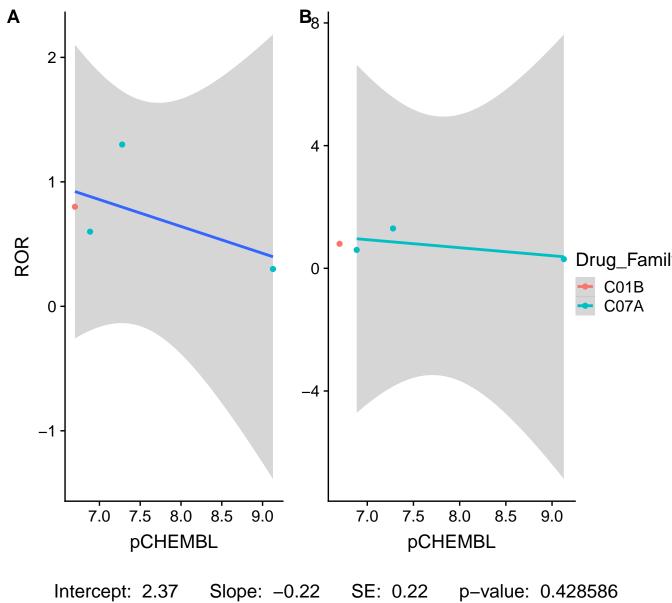
impaired self-care ~ Serotonin 5-HT7 receptor [ Antagonist ]

Α

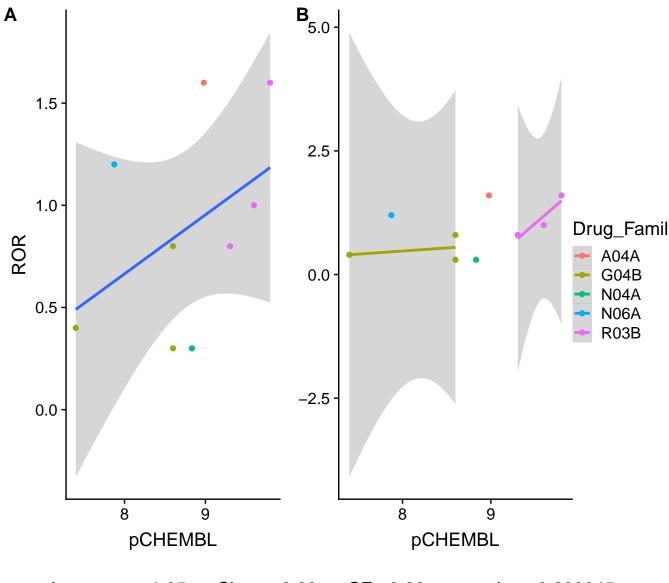


Intercept: 6.33 Slope: -0.37 SE: 1.35 p-value: 0.808953

impaired work ability ~ Adrenergic Beta1 receptor [ Antagonist ]



impaired work ability ~ Muscarinic M1 receptor [ Antagonist ]

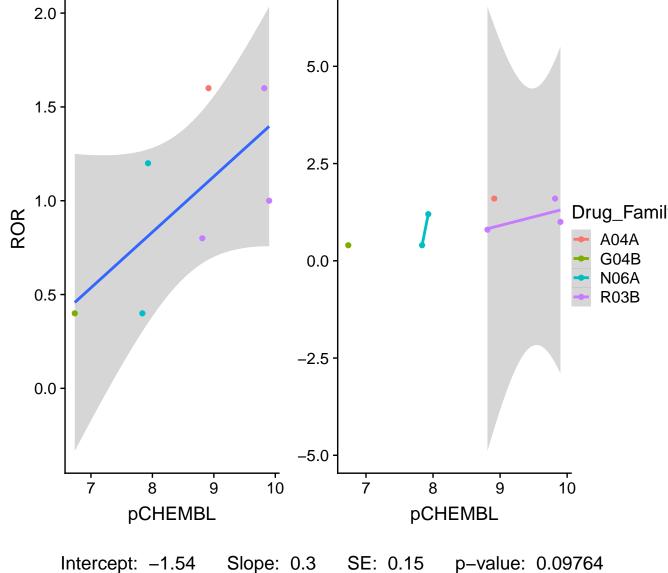


Intercept: -1.65 Slope: 0.29 SE: 0.22 p-value: 0.233845



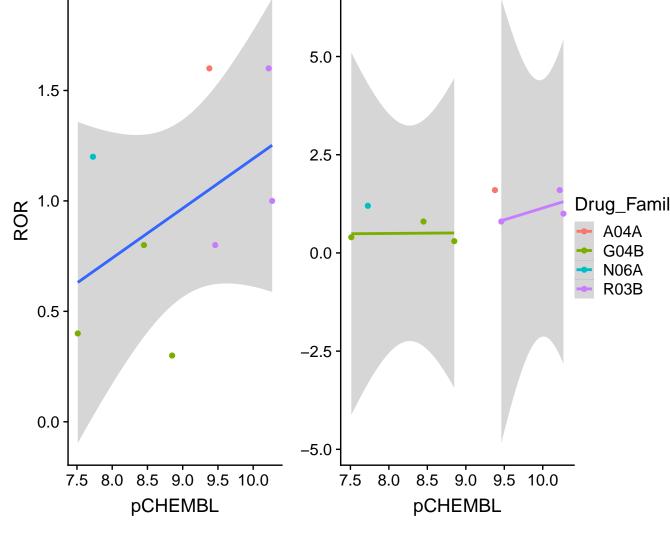
Α

impaired work ability ~ Muscarinic M2 receptor [ Antagonist ]



2.0 1 **B** 

impaired work ability ~ Muscarinic M3 receptor [ Antagonist ]

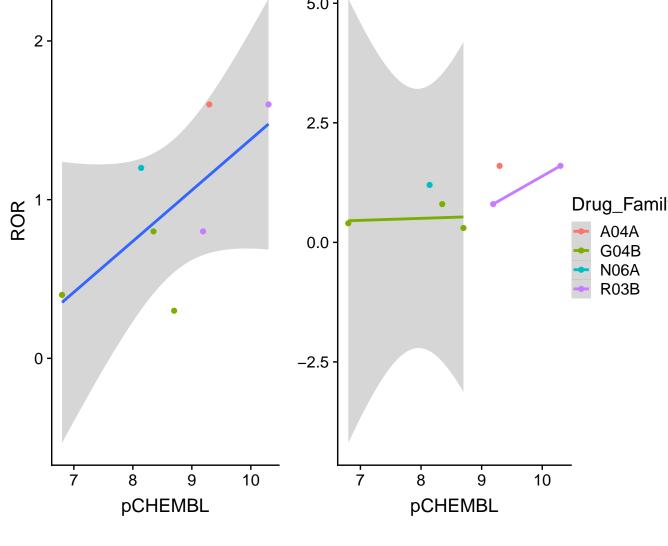


Intercept: -1.06 Slope: 0.23 SE: 0.17 p-value: 0.228866



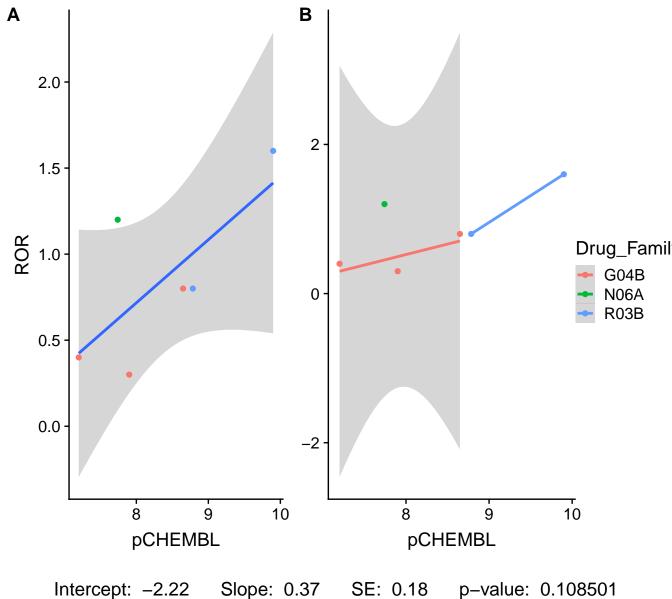
Α

impaired work ability ~ Muscarinic M4 receptor [ Antagonist ]

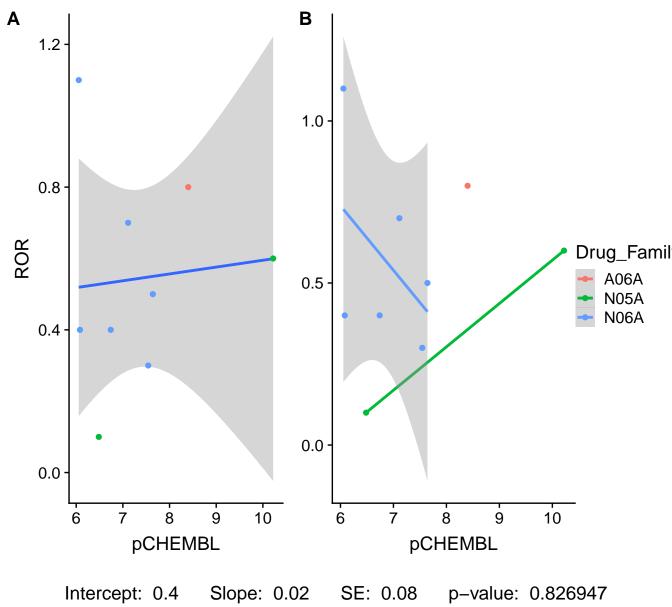


Intercept: -1.83 Slope: 0.32 SE: 0.16 p-value: 0.102674

impaired work ability ~ Muscarinic M5 receptor [ Antagonist ]

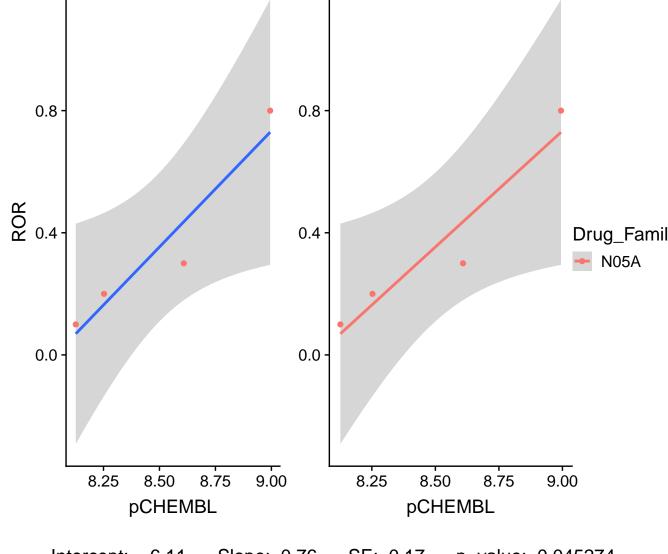


impaired work ability ~ Serotonin 5-HT2 receptor [ Antagonist ]



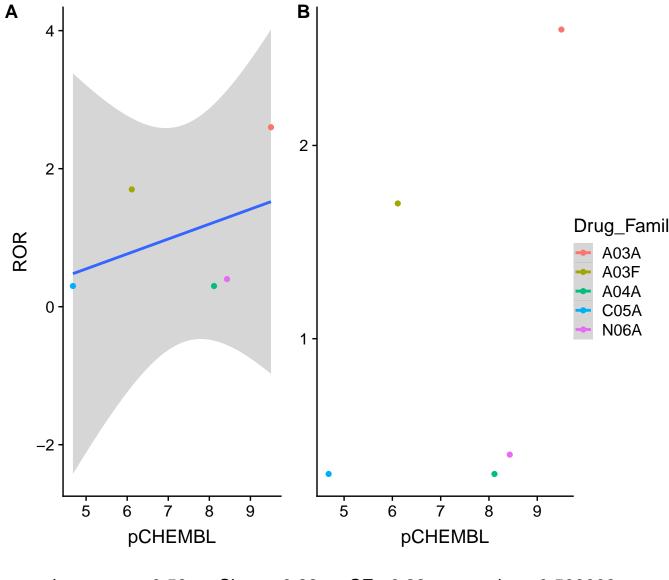
**4** 1.2 - **4**.2 -

impaired work ability ~ Serotonin 5-HT2 receptor [ Inverse Agonist ]



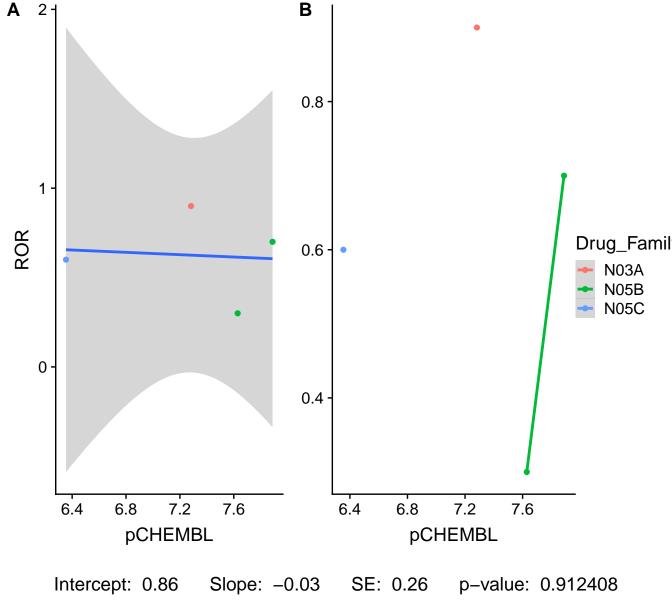
Intercept: -6.11 Slope: 0.76 SE: 0.17 p-value: 0.045274

impaired work ability ~ Serotonin 5–HT3 receptor [ Antagonist ]

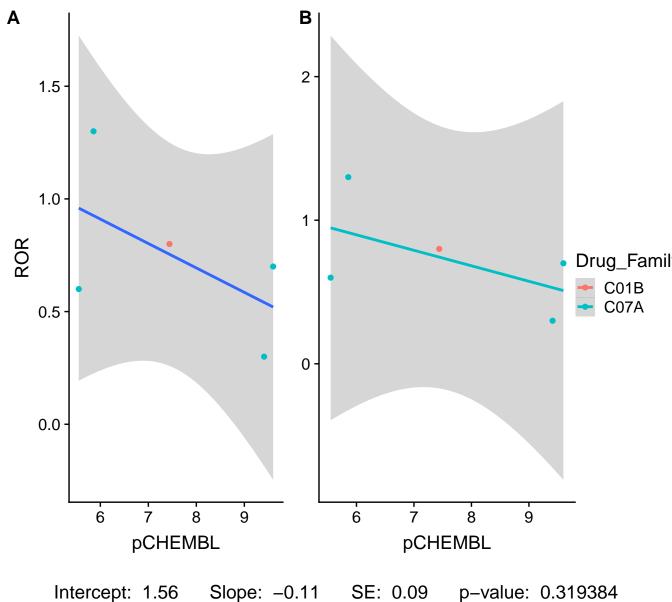


Intercept: -0.53 Slope: 0.22 SE: 0.29 p-value: 0.503009





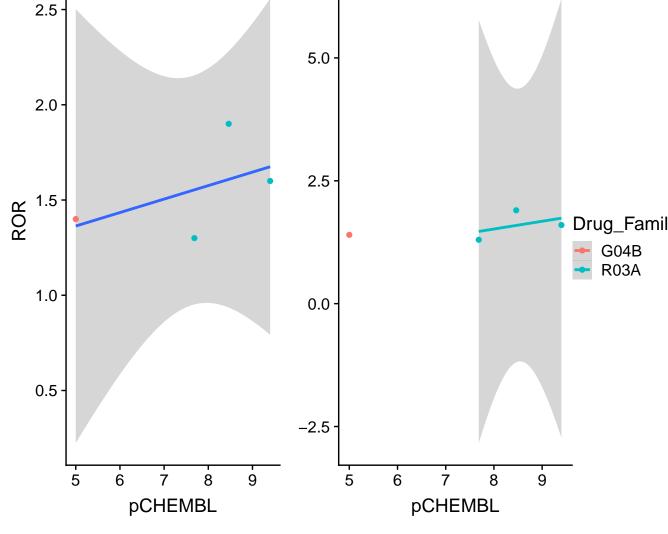
impaired work ability ~ Adrenergic Beta2 receptor [ Antagonist ]





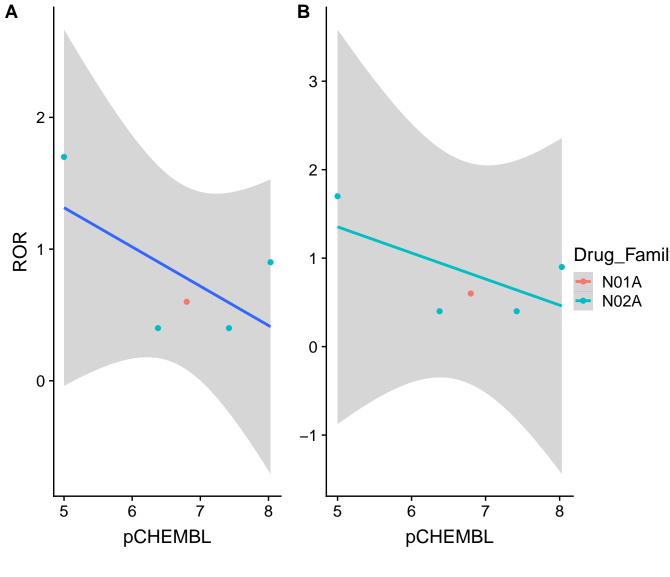
Α

impaired work ability ~ Adrenergic Beta2 receptor [ Agonist ]



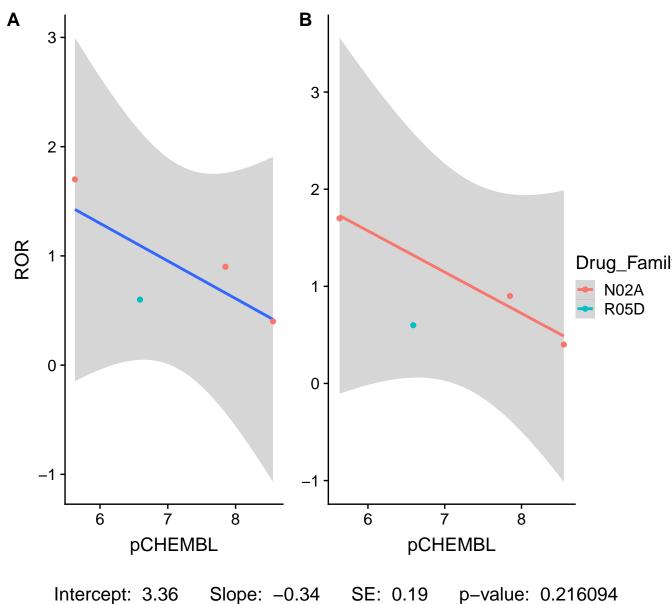
Intercept: 1.01 Slope: 0.07 SE: 0.09 p-value: 0.493889

## impaired work ability ~ Delta opioid receptor [ Agonist ]

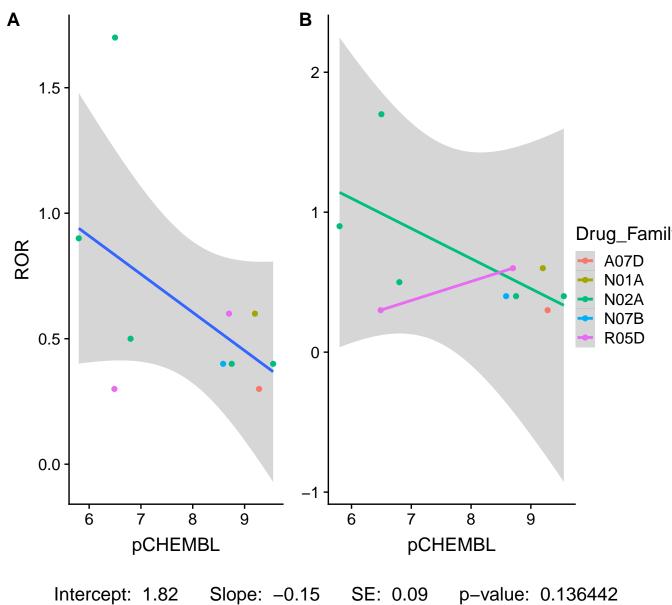


Intercept: 2.81 Slope: -0.3 SE: 0.21 p-value: 0.253549

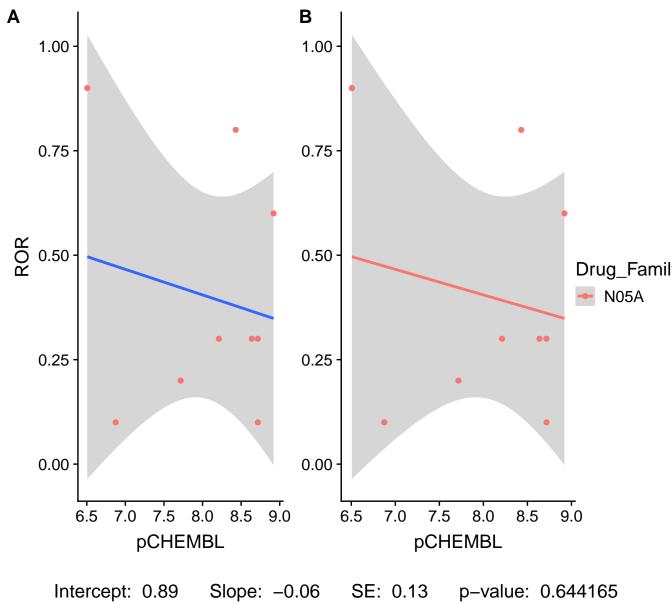
impaired work ability ~ Kappa opioid receptor [ Agonist ]



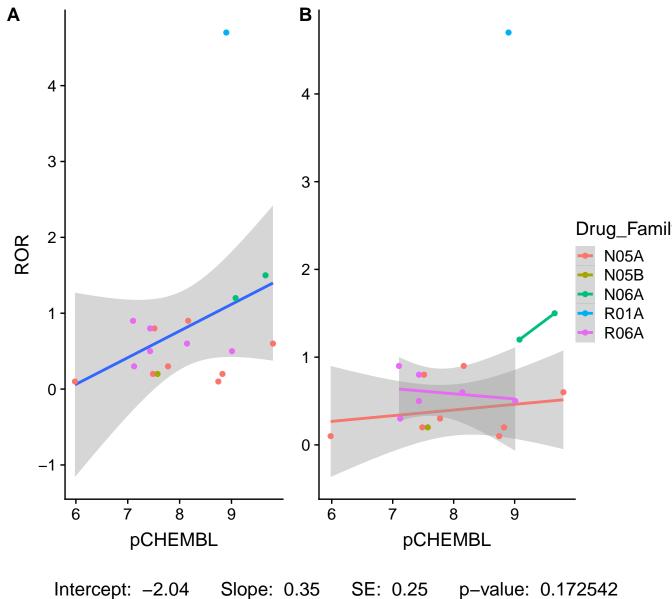




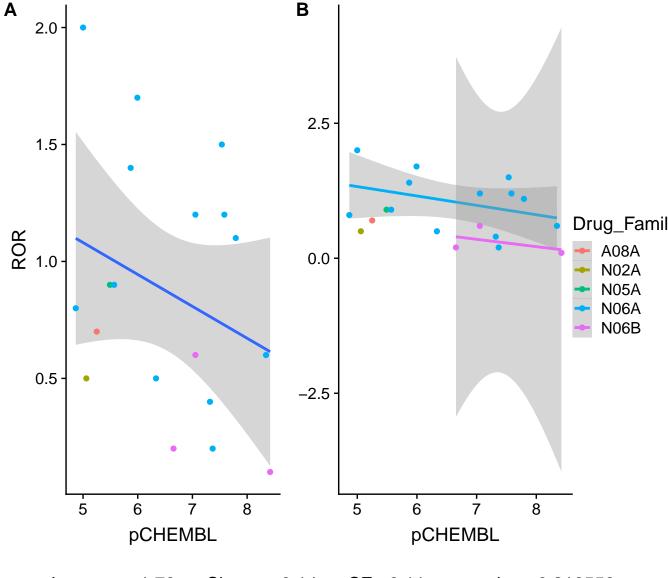
## impaired work ability ~ Dopamine D2 receptor [ Antagonist ]



impaired work ability ~ Histamine H1 receptor [ Antagonist ]

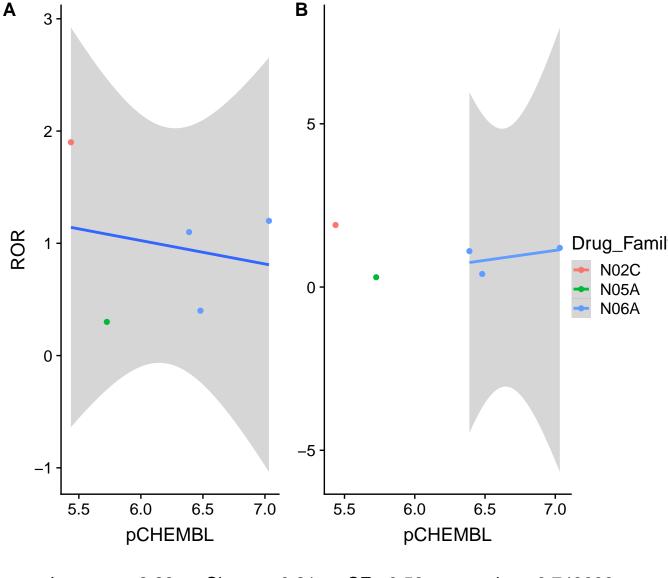


impaired work ability ~ Norepinephrine transporter [ Antagonist ]



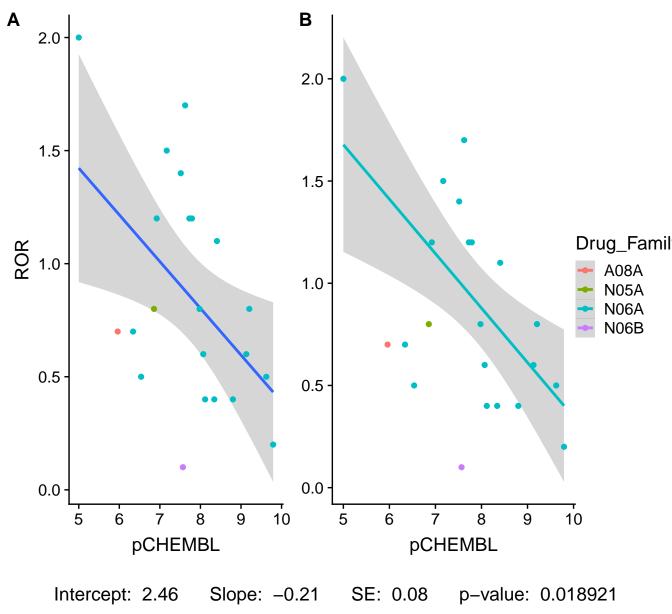
Intercept: 1.76 Slope: -0.14 SE: 0.11 p-value: 0.216558

impaired work ability ~ Serotonin 5–HT6 receptor [ Antagonist ]

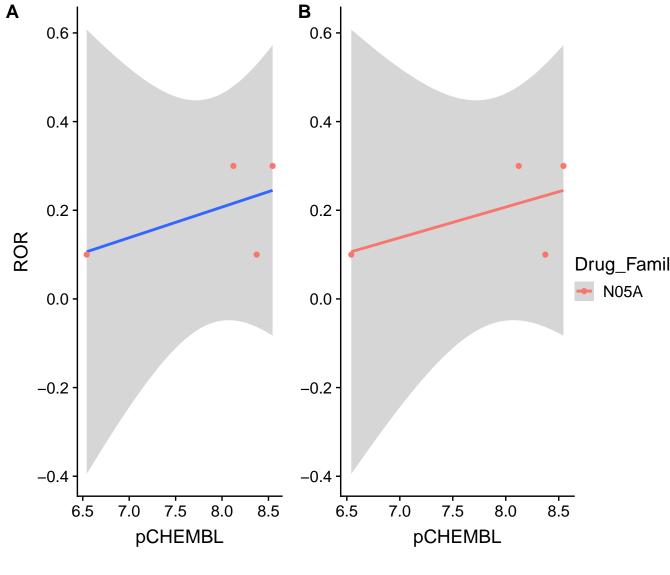


Intercept: 2.28 Slope: -0.21 SE: 0.58 p-value: 0.743698

## impaired work ability ~ Serotonin transporter [ Antagonist ]

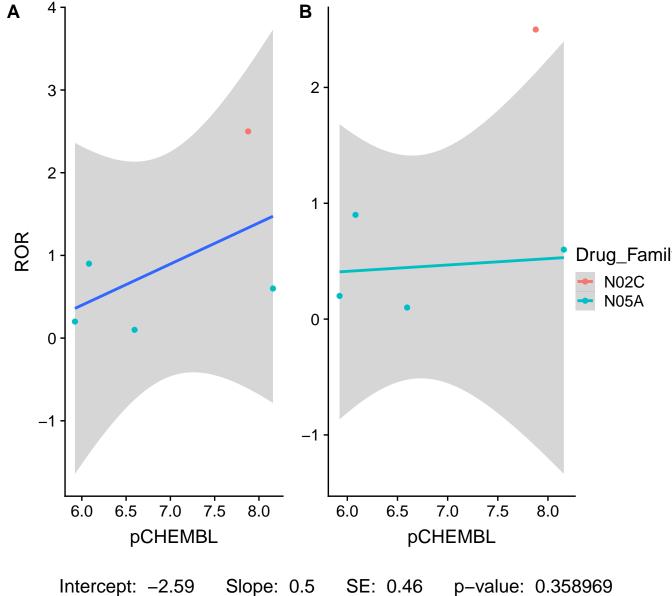


impaired work ability ~ Dopamine D3 receptor [ Antagonist ]

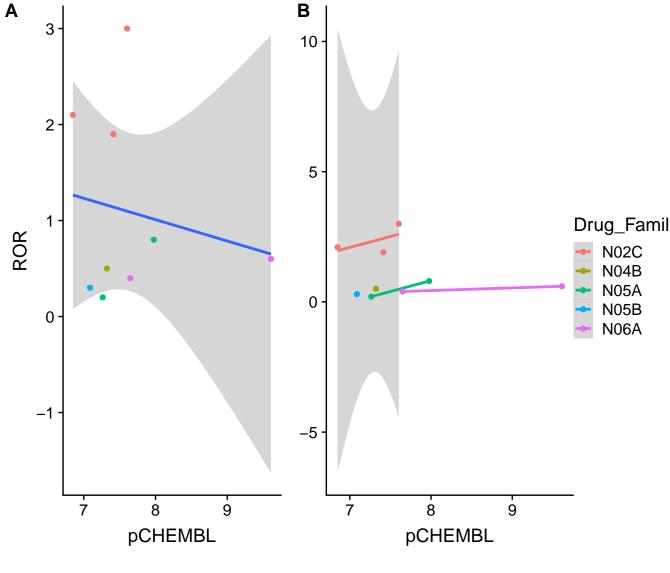


Intercept: -0.35 Slope: 0.07 SE: 0.07 p-value: 0.449785

impaired work ability ~ Serotonin 5–HT1 receptor [ Agonist ]

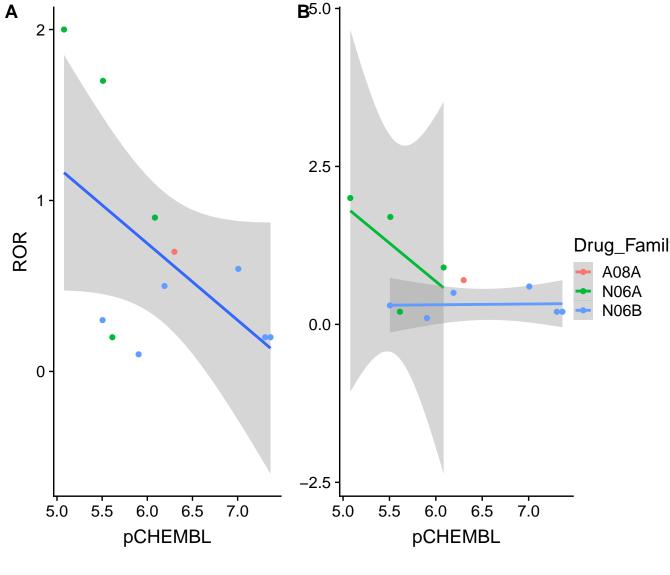


impaired work ability ~ Serotonin 5-HT1 receptor [ Partial Agonist ]



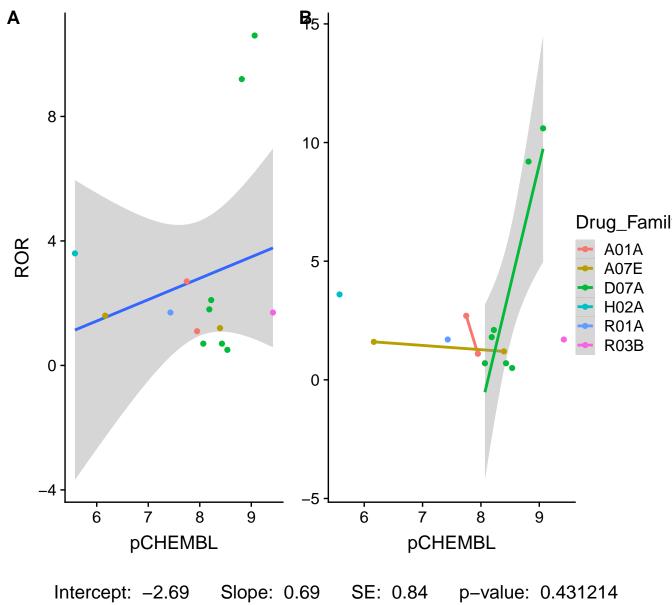
Intercept: 2.79 Slope: -0.22 SE: 0.46 p-value: 0.641196

impaired work ability ~ Dopamine transporter [ Antagonist ]

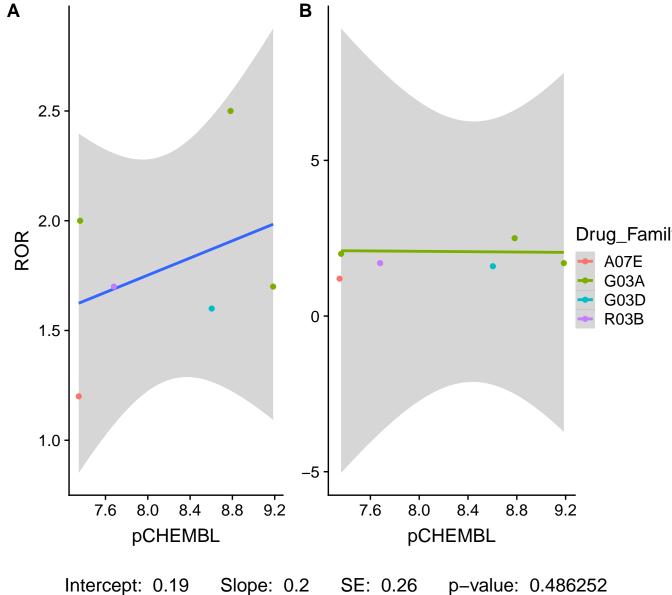


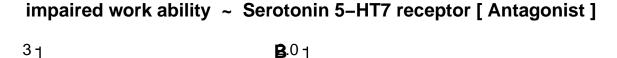
Intercept: 3.44 Slope: -0.45 SE: 0.23 p-value: 0.084863

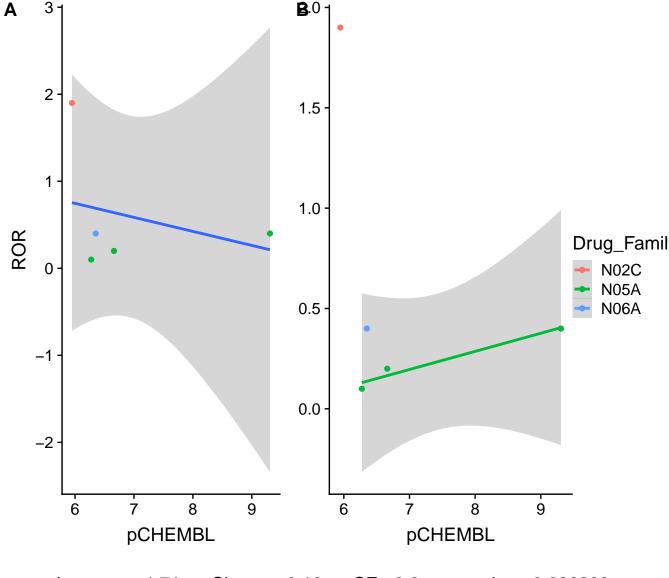
impaired work ability ~ Glucocorticoid receptor [ Agonist ]





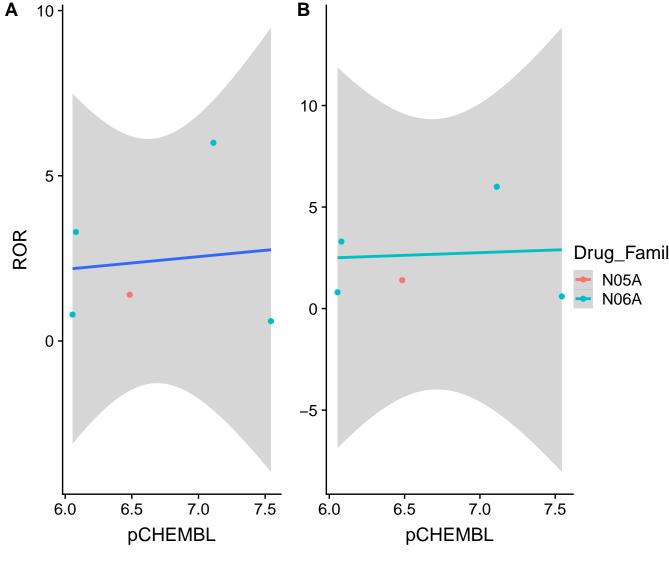






Intercept: 1.71 Slope: -0.16 SE: 0.3 p-value: 0.626293

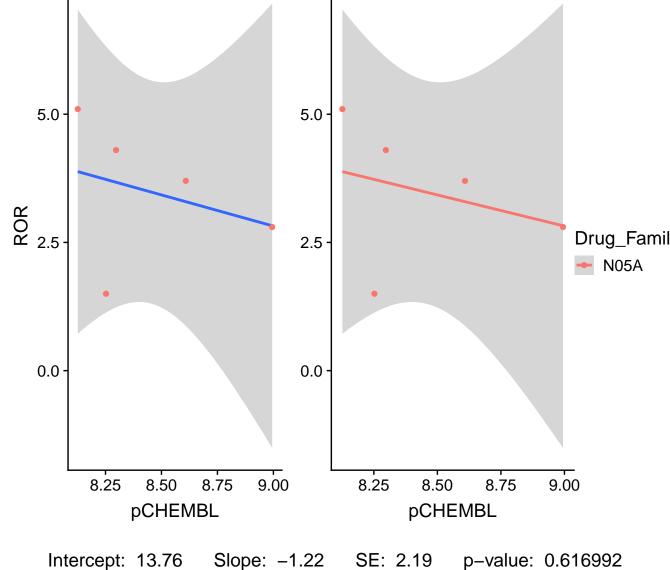
imprisonment ~ Serotonin 5-HT2 receptor [ Antagonist ]



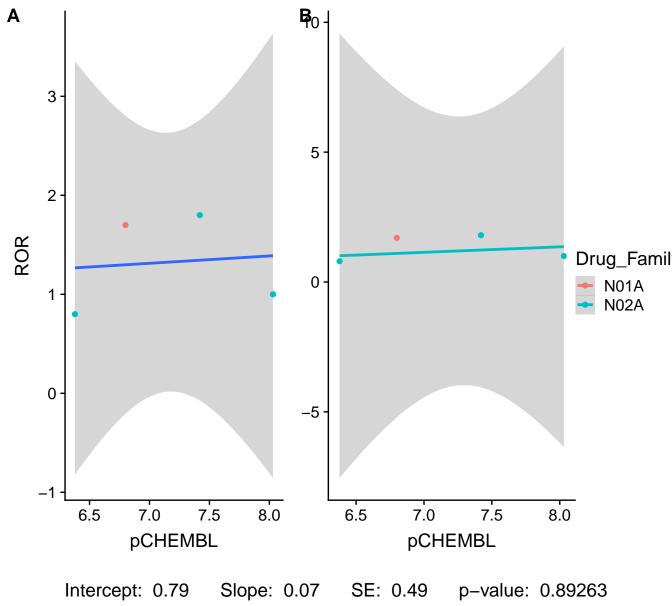
Intercept: -0.14 Slope: 0.38 SE: 1.99 p-value: 0.858823

## 7.5 -

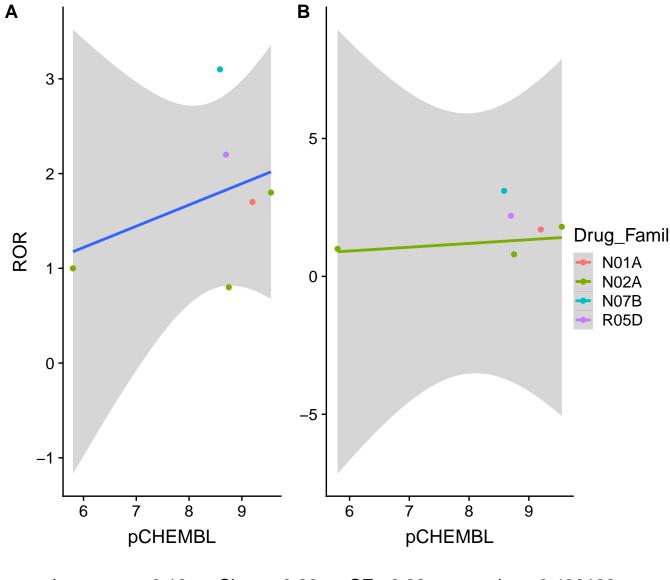
imprisonment ~ Serotonin 5-HT2 receptor [ Inverse Agonist ]





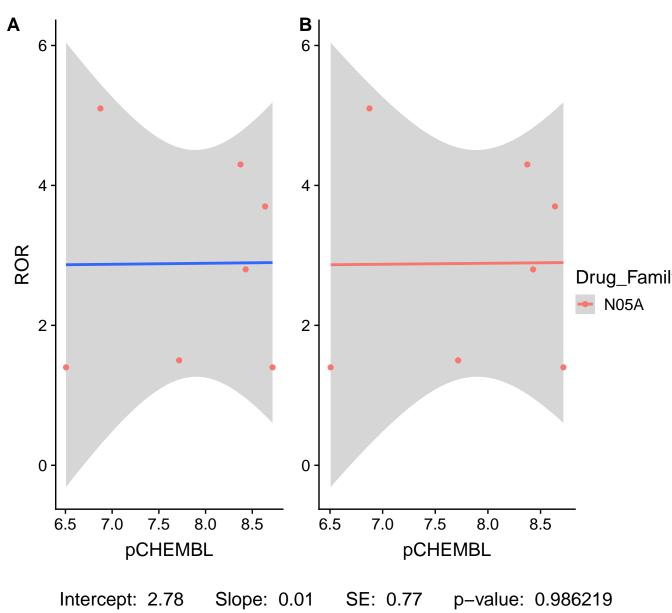




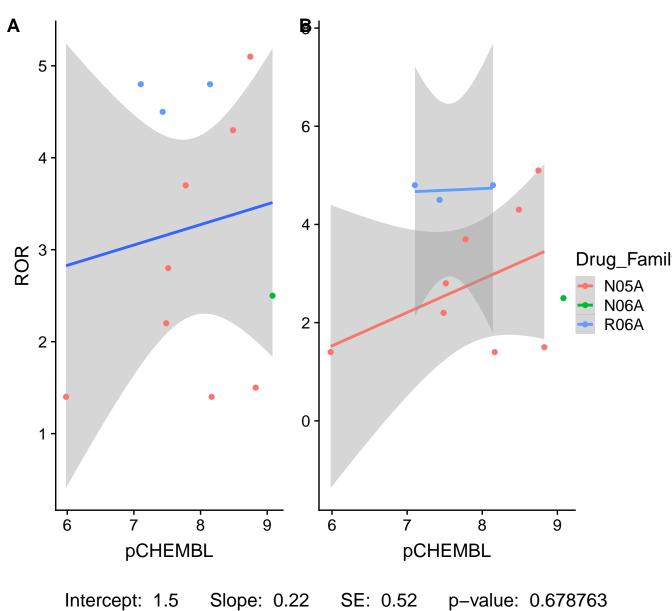


Intercept: -0.13 Slope: 0.22 SE: 0.29 p-value: 0.483133

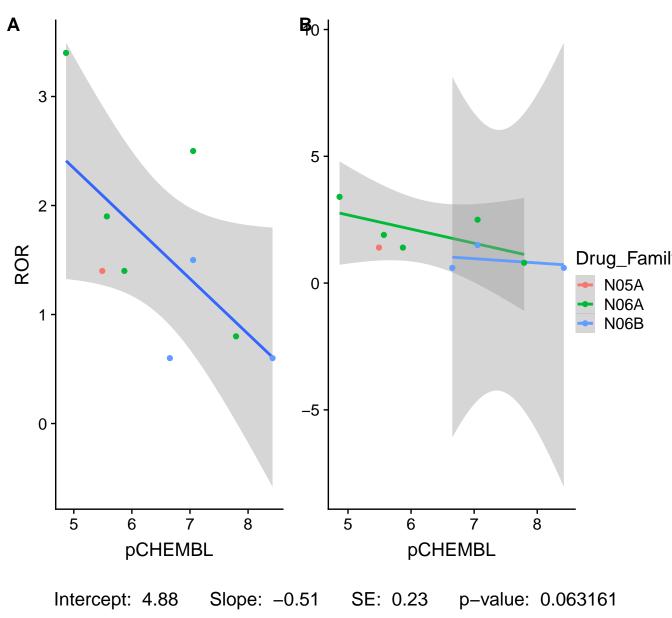
#### imprisonment ~ Dopamine D2 receptor [ Antagonist ]



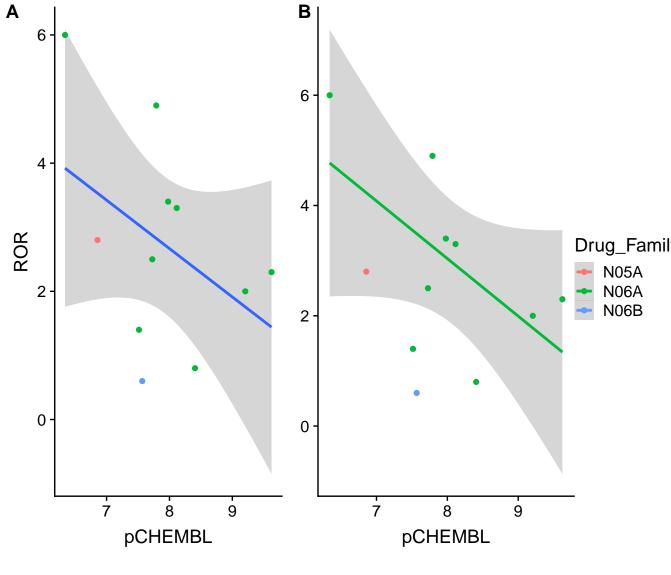
imprisonment ~ Histamine H1 receptor [ Antagonist ]



### imprisonment ~ Norepinephrine transporter [ Antagonist ]

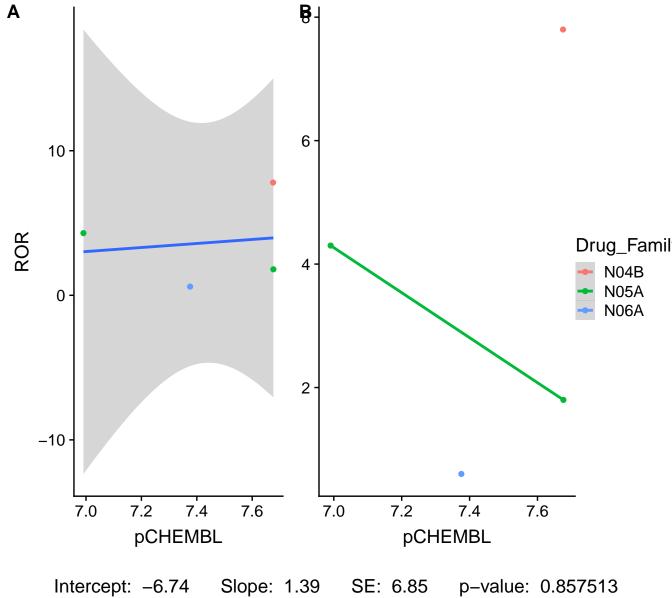


#### imprisonment ~ Serotonin transporter [ Antagonist ]

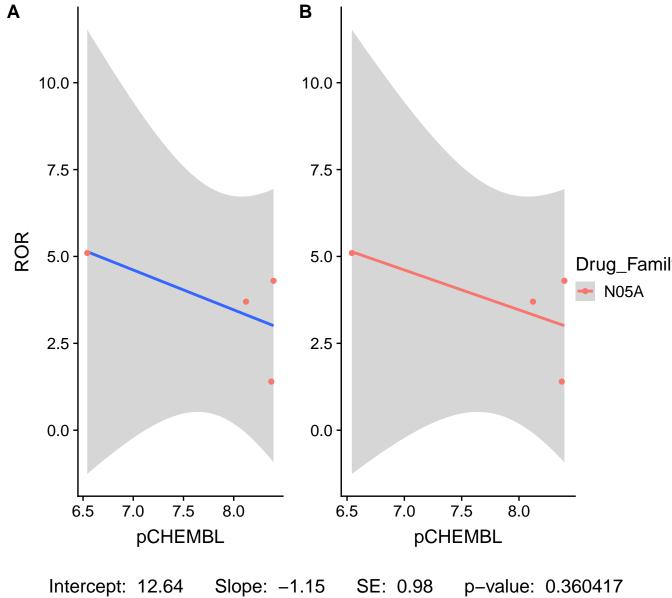


Intercept: 8.71 Slope: -0.76 SE: 0.53 p-value: 0.185143

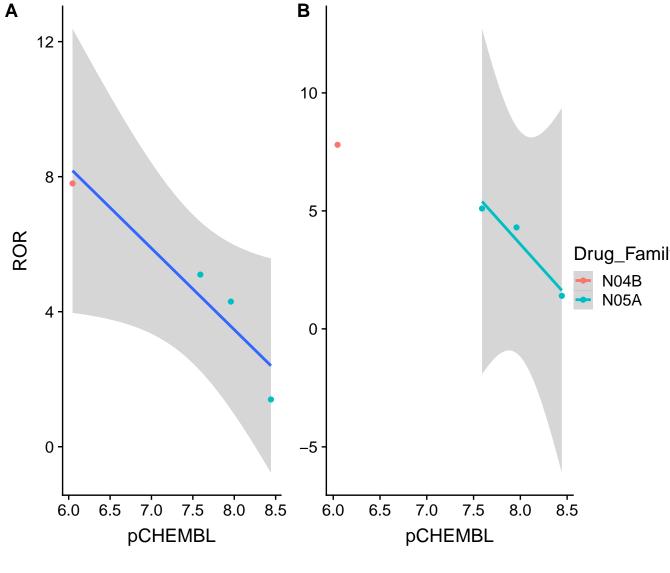






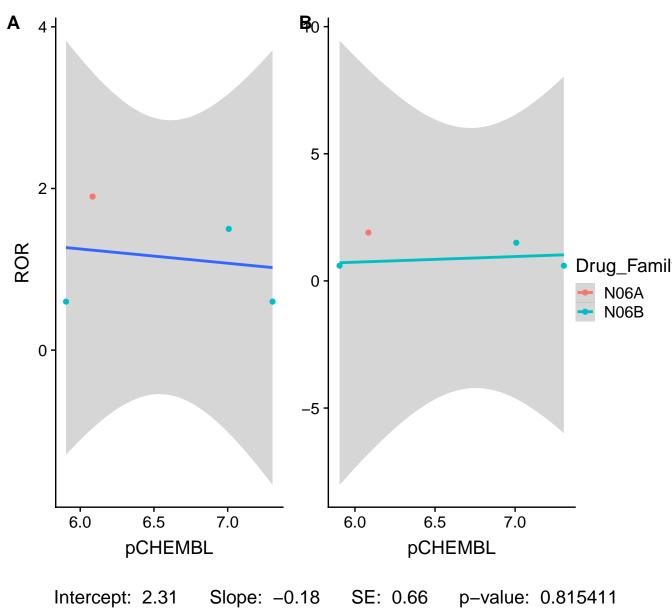


### imprisonment ~ Dopamine D4 receptor [ Antagonist ]



Intercept: 22.75 Slope: -2.41 SE: 0.57 p-value: 0.051665

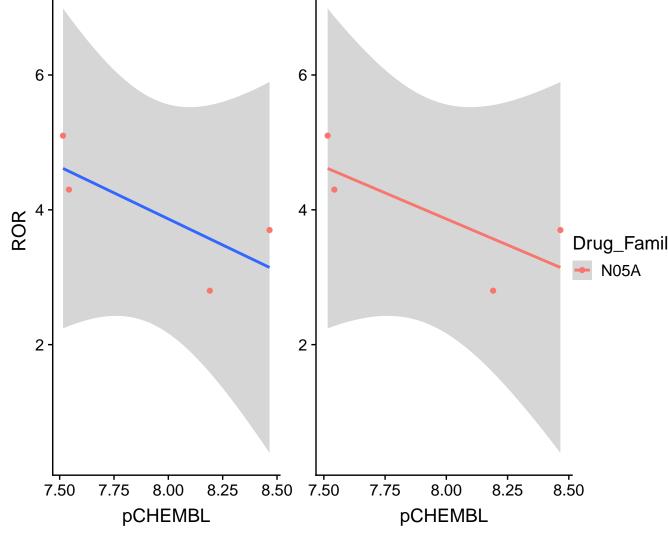
# imprisonment ~ Dopamine transporter [ Antagonist ]





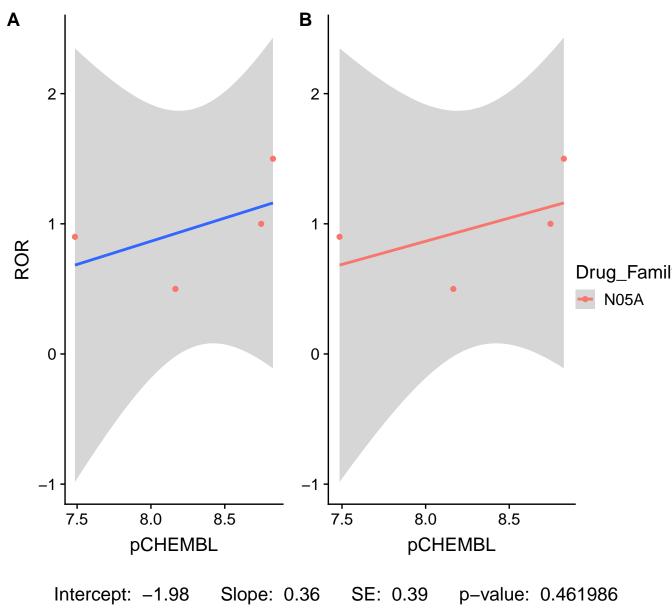
Α

imprisonment ~ Serotonin 5-HT7 receptor [Inverse Agonist]



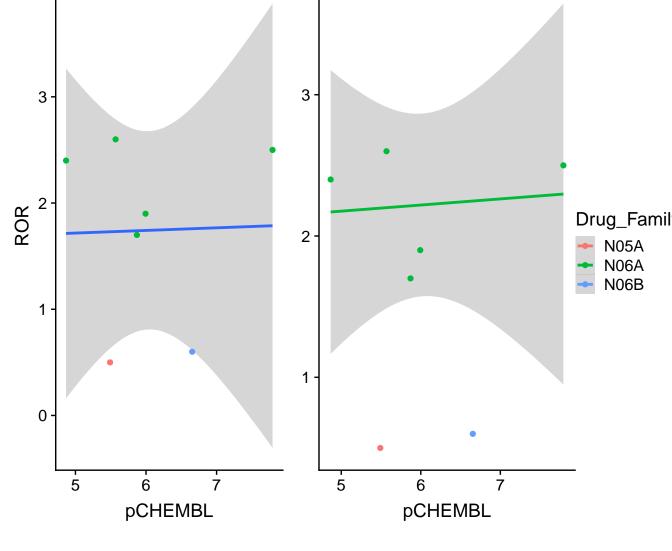
Intercept: 16.23 Slope: -1.55 SE: 0.95 p-value: 0.243743

job dissatisfaction ~ Histamine H1 receptor [ Antagonist ]



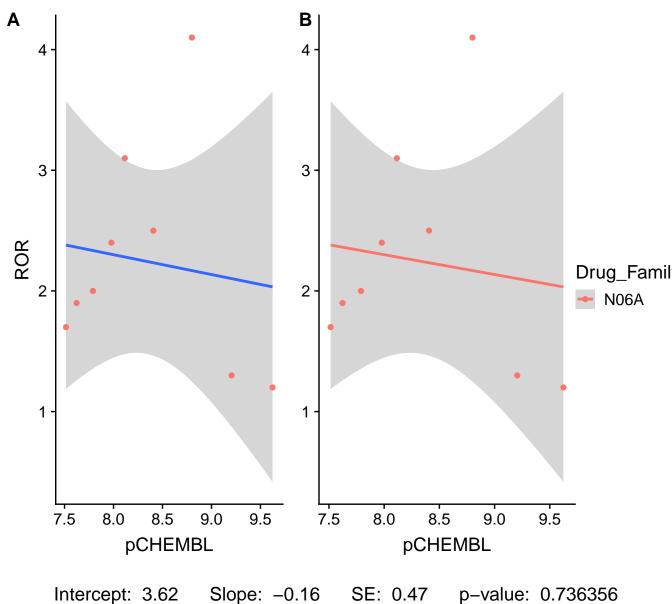
4-| **B** |

job dissatisfaction ~ Norepinephrine transporter [ Antagonist ]

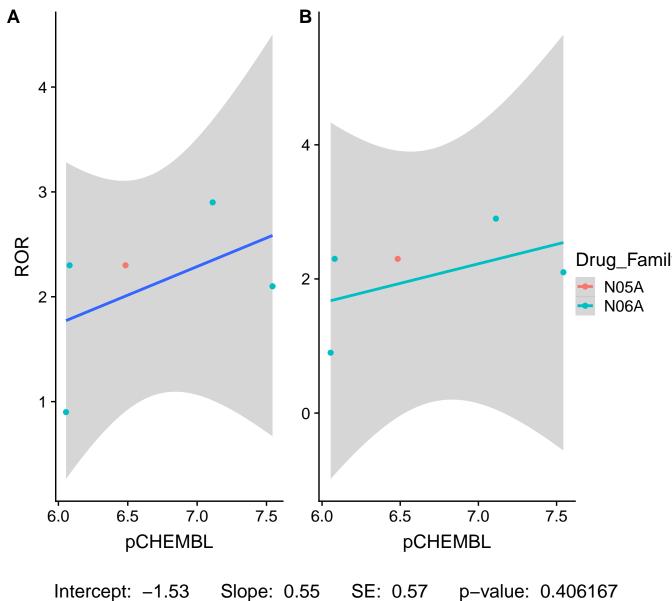


Intercept: 1.59 Slope: 0.02 SE: 0.41 p-value: 0.954763

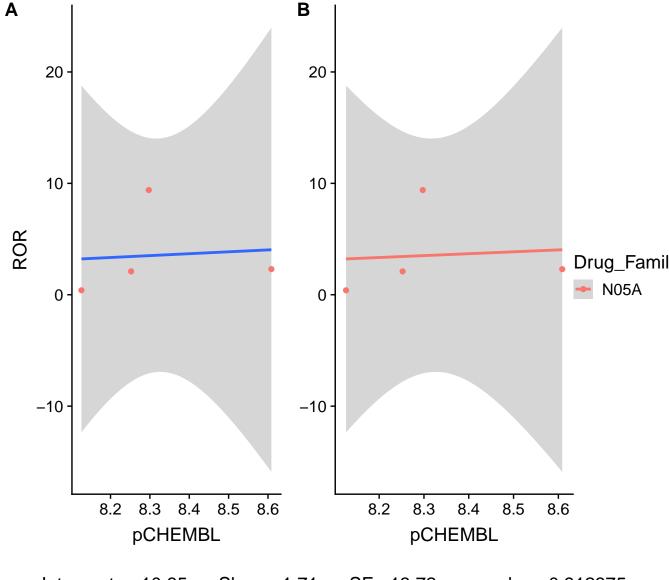
job dissatisfaction ~ Serotonin transporter [ Antagonist ]



language disorder ~ Serotonin 5-HT2 receptor [ Antagonist ]

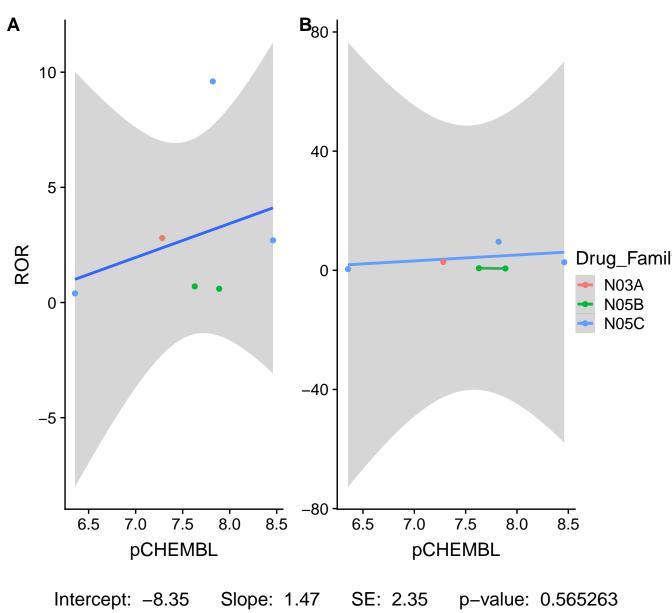


language disorder ~ Serotonin 5-HT2 receptor [Inverse Agonist]

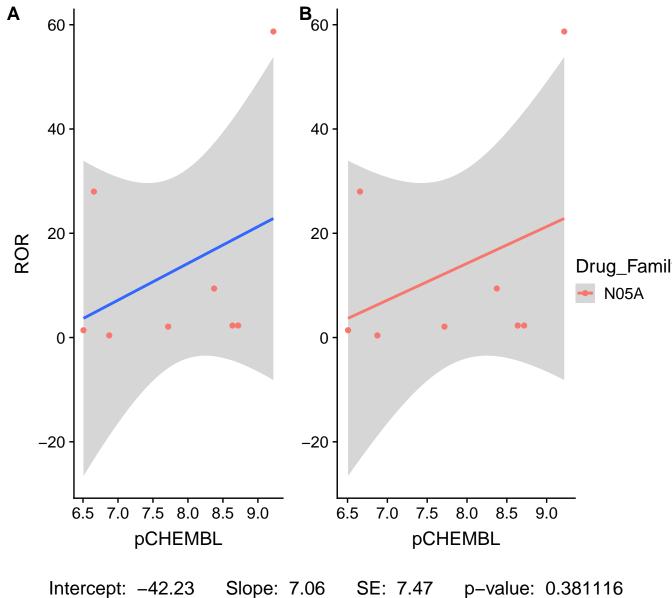


Intercept: -10.65 Slope: 1.71 SE: 13.72 p-value: 0.912375

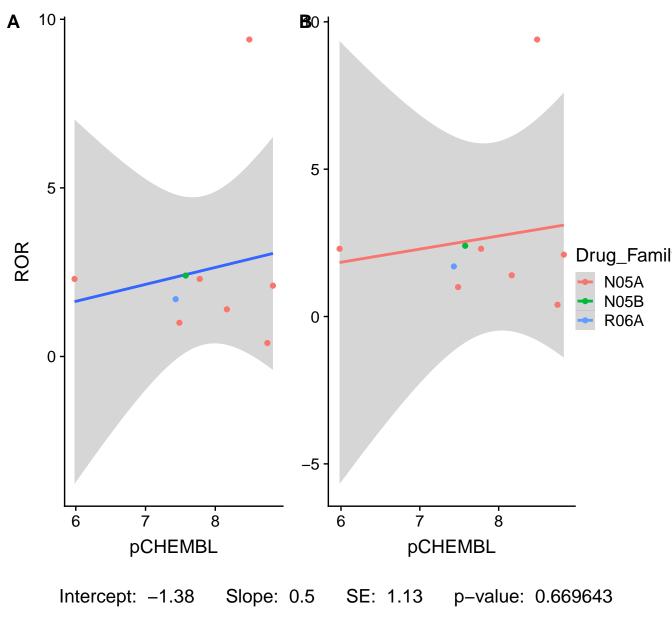
language disorder ~ GABA A receptor [ Agonist ]



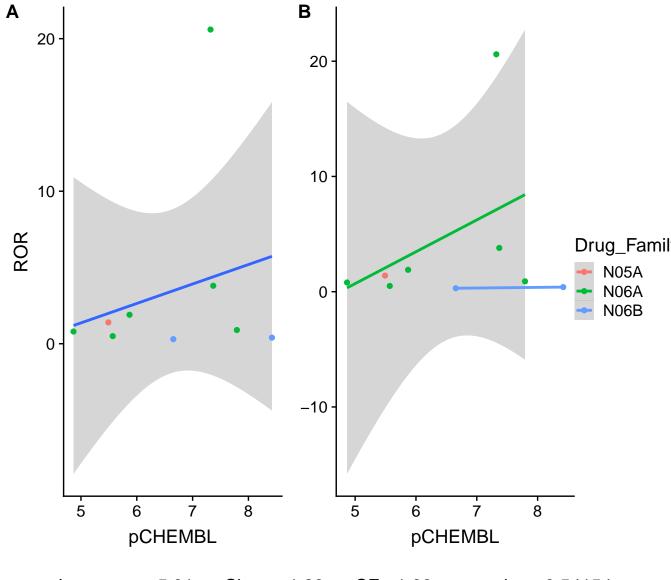




language disorder ~ Histamine H1 receptor [ Antagonist ]

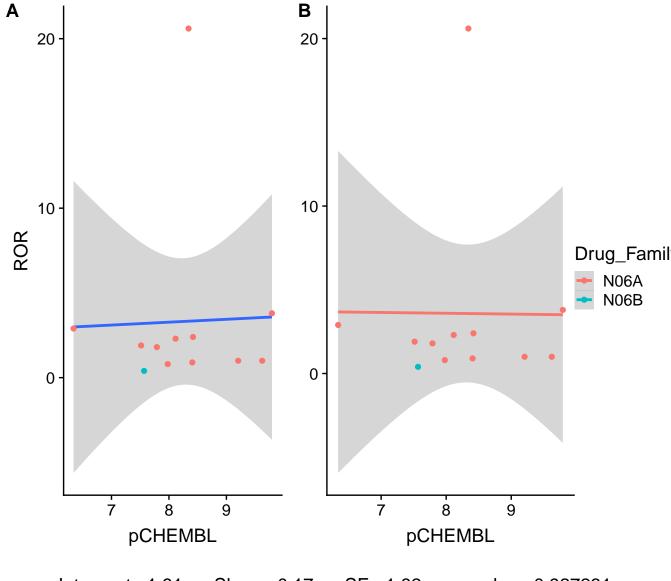


language disorder ~ Norepinephrine transporter [ Antagonist ]



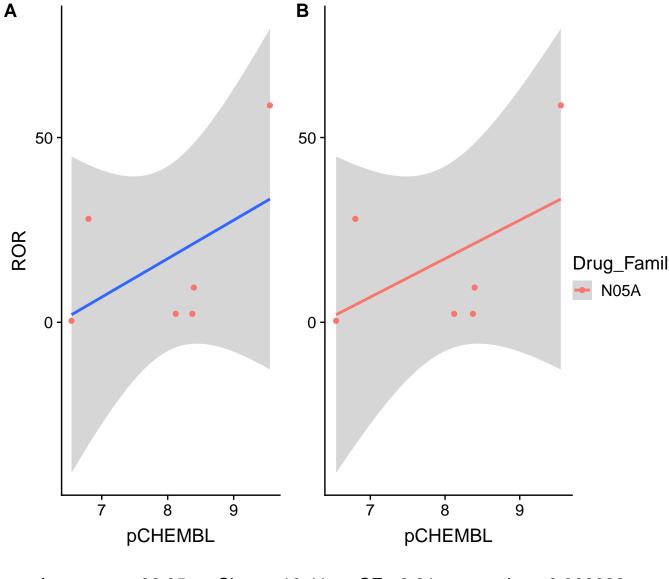
Intercept: -5.01 Slope: 1.28 SE: 1.99 p-value: 0.54154

language disorder ~ Serotonin transporter [ Antagonist ]



Intercept: 1.91 Slope: 0.17 SE: 1.82 p-value: 0.927231

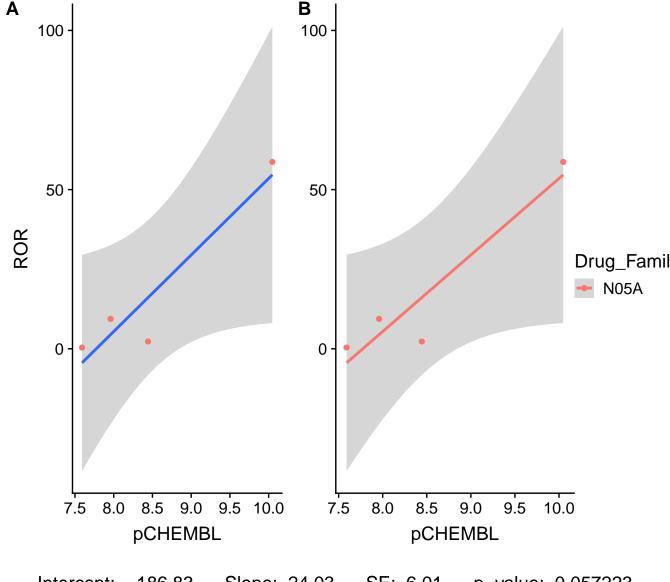
language disorder ~ Dopamine D3 receptor [ Antagonist ]



Intercept: -66.05 Slope: 10.41 SE: 8.81 p-value: 0.302622

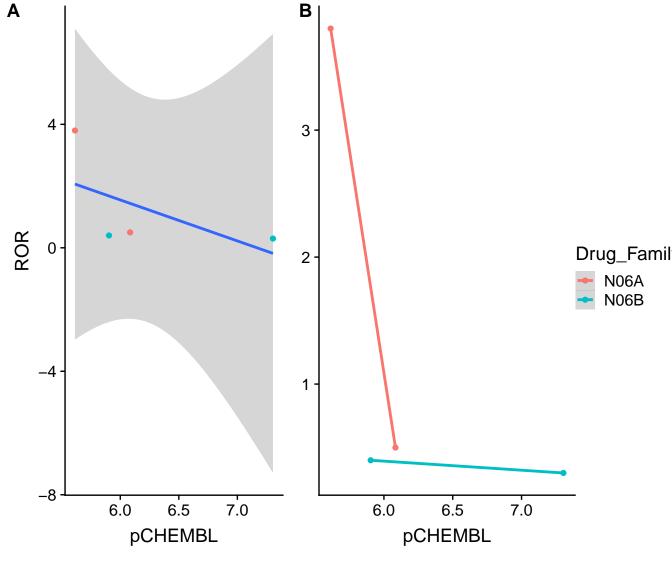


Α

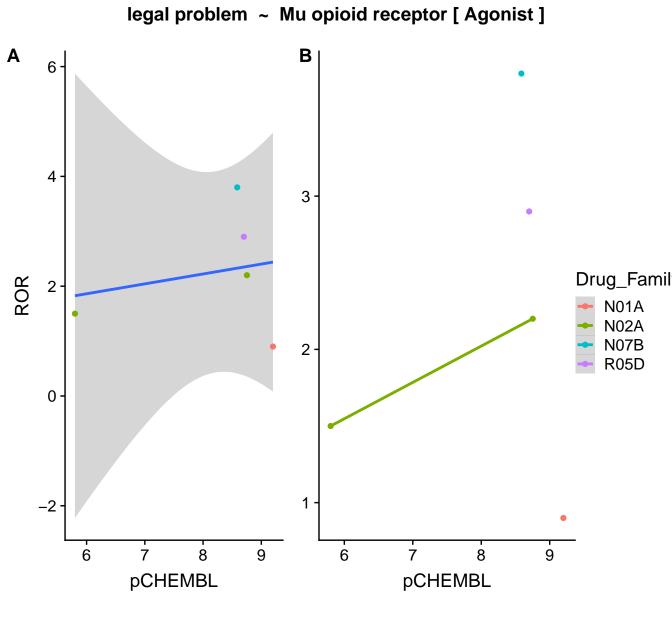


Intercept: -186.83 SE: 6.01 p-value: 0.057223 Slope: 24.03



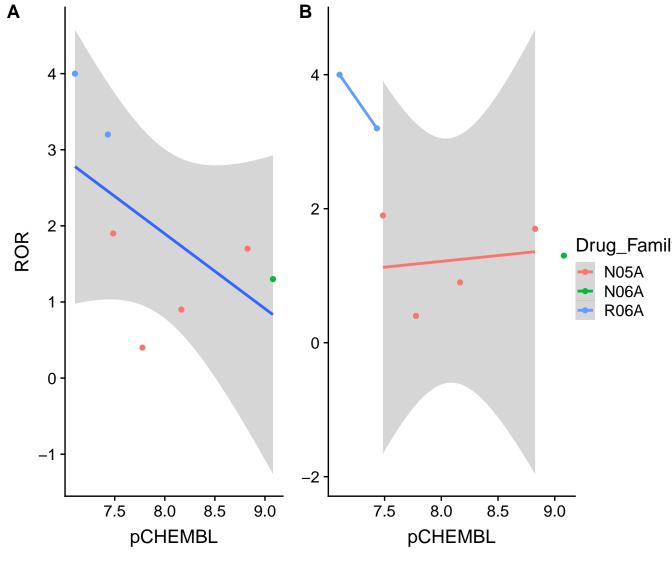


Intercept: 9.52 Slope: -1.33 SE: 1.32 p-value: 0.41923



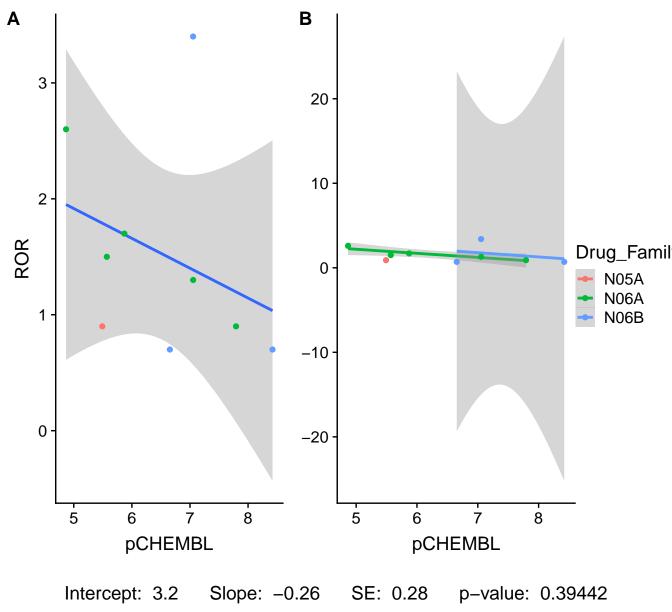
Intercept: 0.78 Slope: 0.18 SE: 0.47 p-value: 0.727493

legal problem ~ Histamine H1 receptor [ Antagonist ]

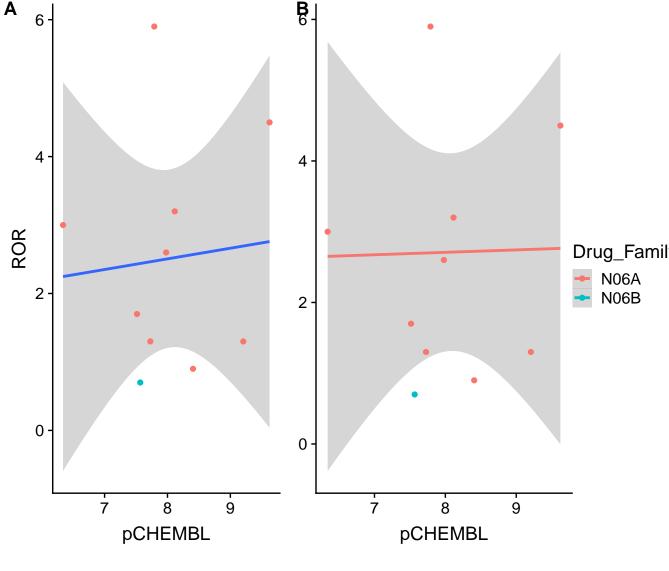


Intercept: 9.77 Slope: -0.98 SE: 0.63 p-value: 0.177735

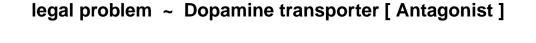


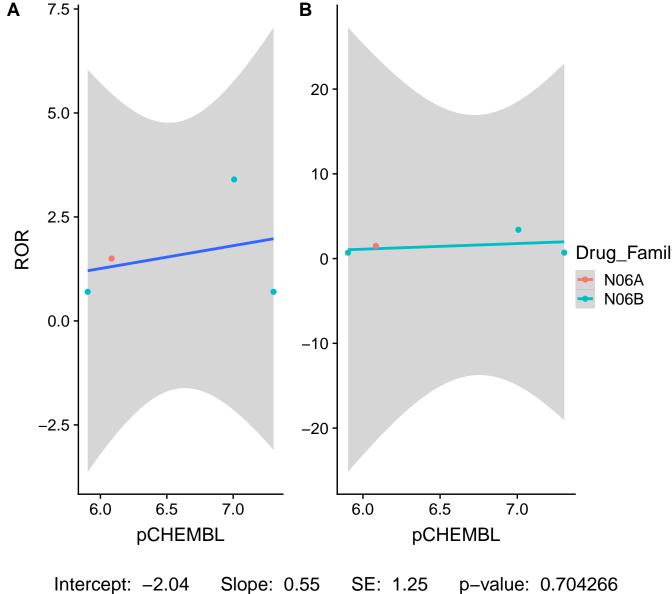


legal problem ~ Serotonin transporter [ Antagonist ]

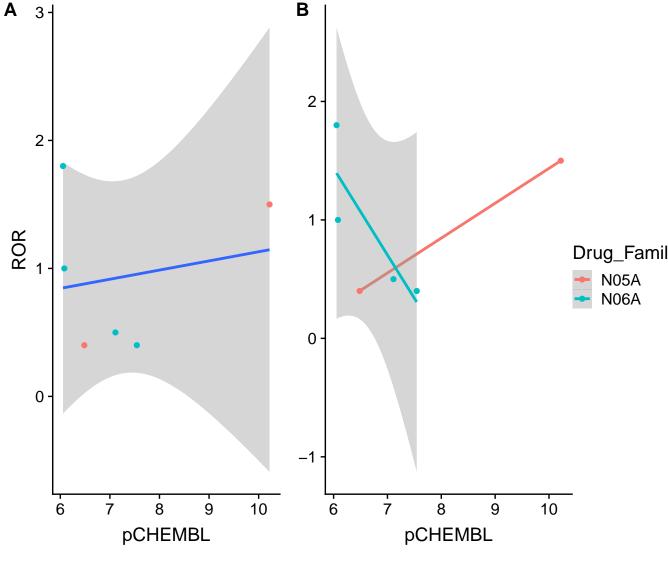


Intercept: 1.26 Slope: 0.16 SE: 0.65 p-value: 0.816522



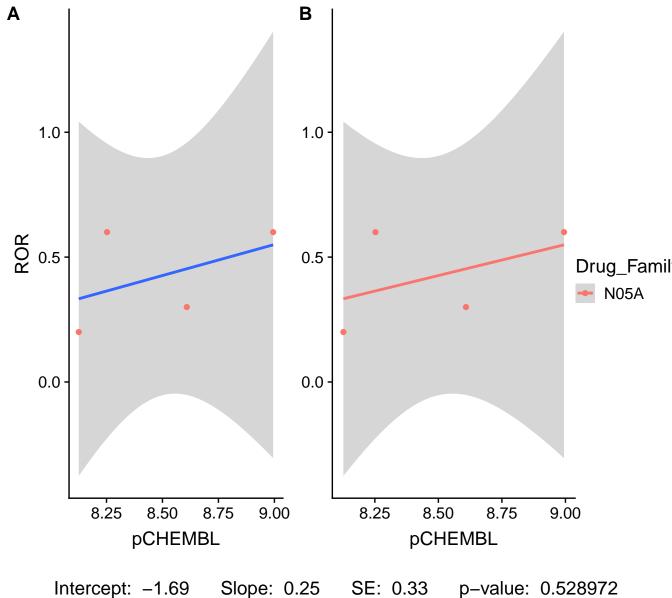


loss of employment ~ Serotonin 5–HT2 receptor [ Antagonist ]

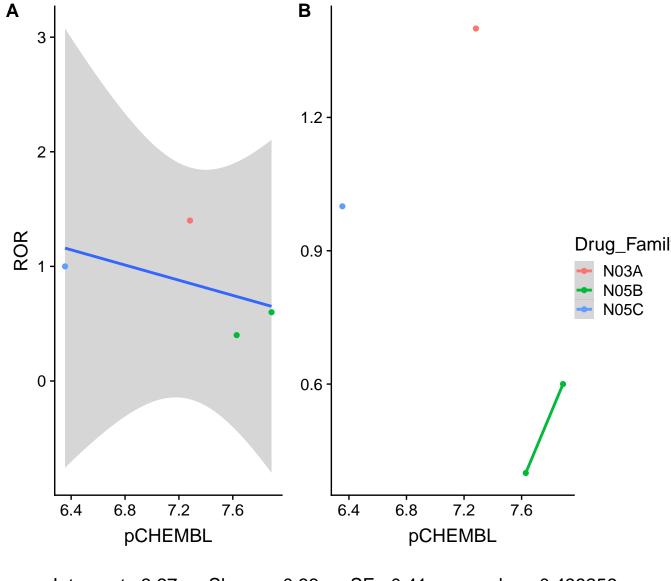


Intercept: 0.41 Slope: 0.07 SE: 0.19 p-value: 0.725006

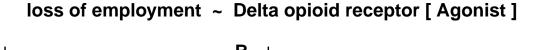
loss of employment ~ Serotonin 5-HT2 receptor [ Inverse Agonist ]

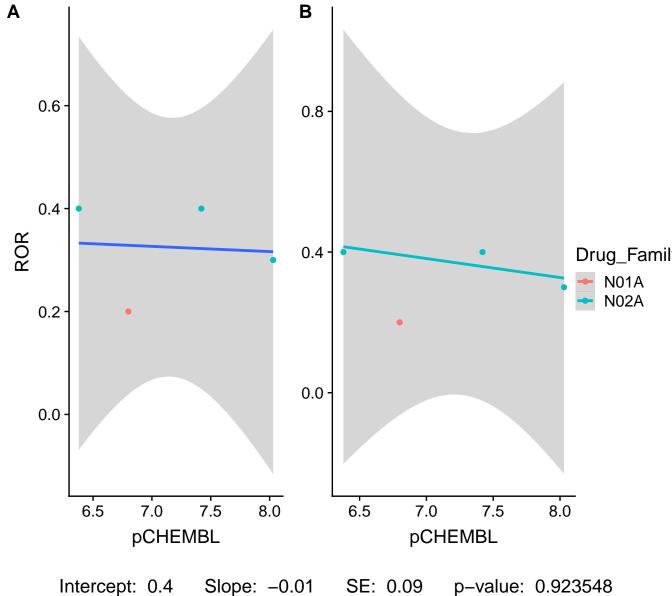


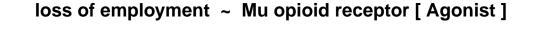


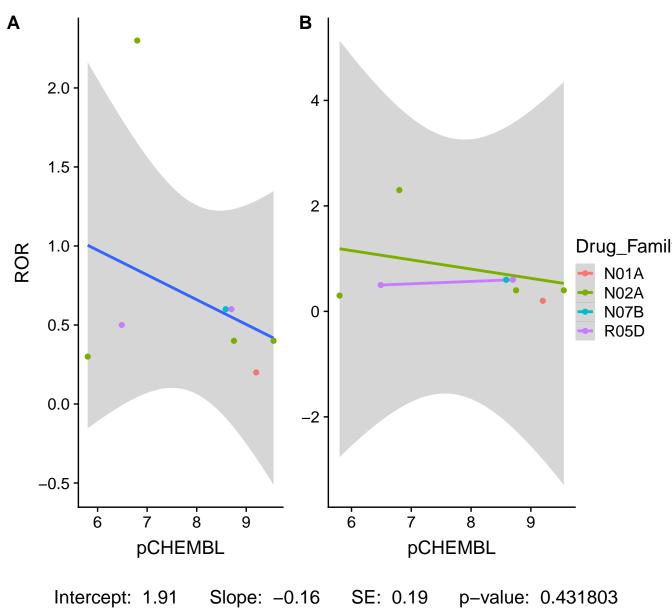


Intercept: 3.27 Slope: -0.33 SE: 0.41 p-value: 0.499256

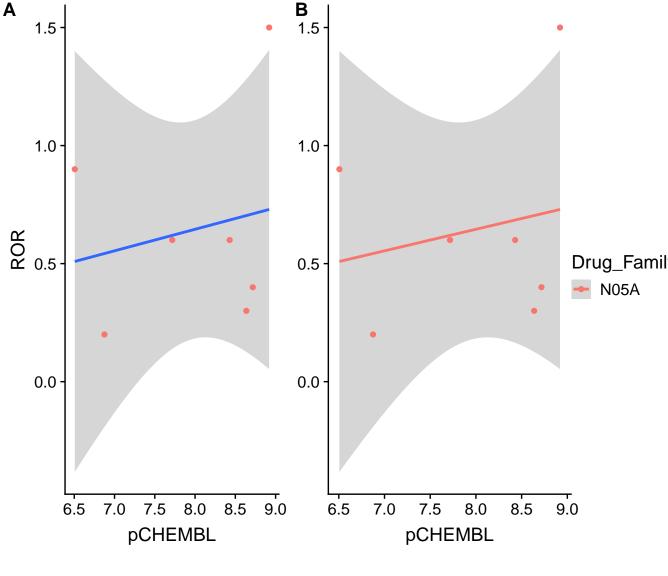






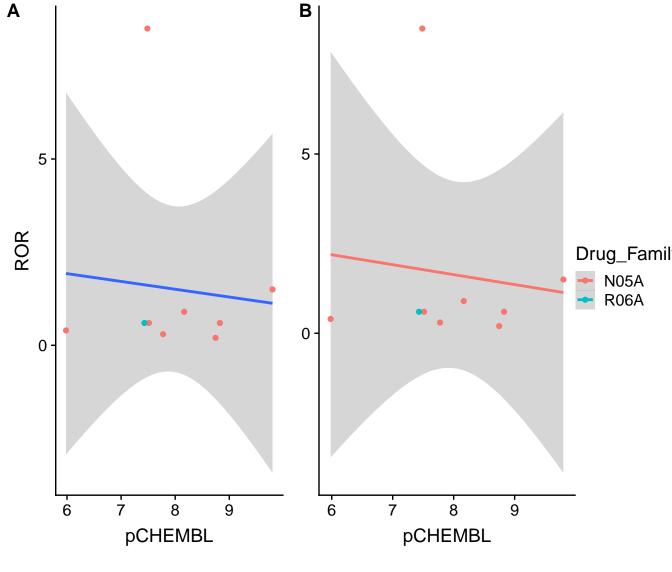


## loss of employment ~ Dopamine D2 receptor [ Antagonist ]



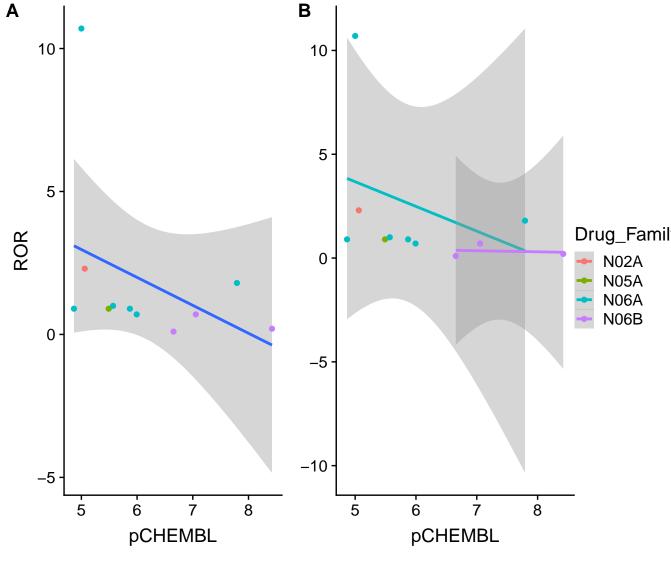
Intercept: -0.08 Slope: 0.09 SE: 0.2 p-value: 0.670973

loss of employment ~ Histamine H1 receptor [ Antagonist ]



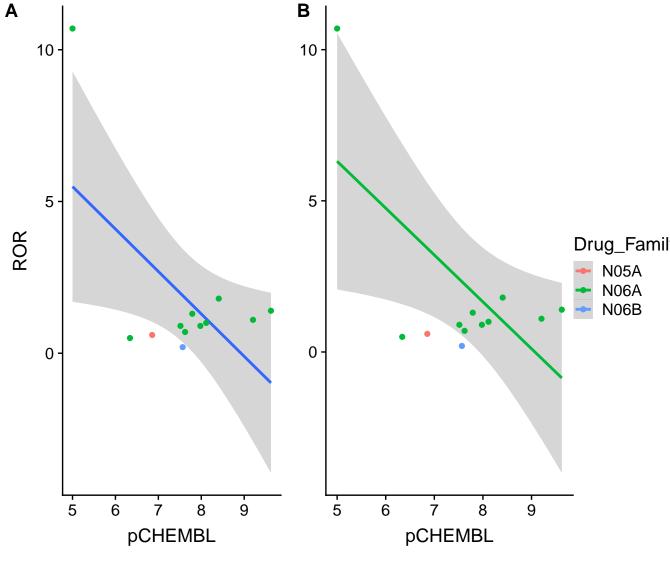
Intercept: 3.18 Slope: -0.21 SE: 0.92 p-value: 0.826166

loss of employment ~ Norepinephrine transporter [ Antagonist ]



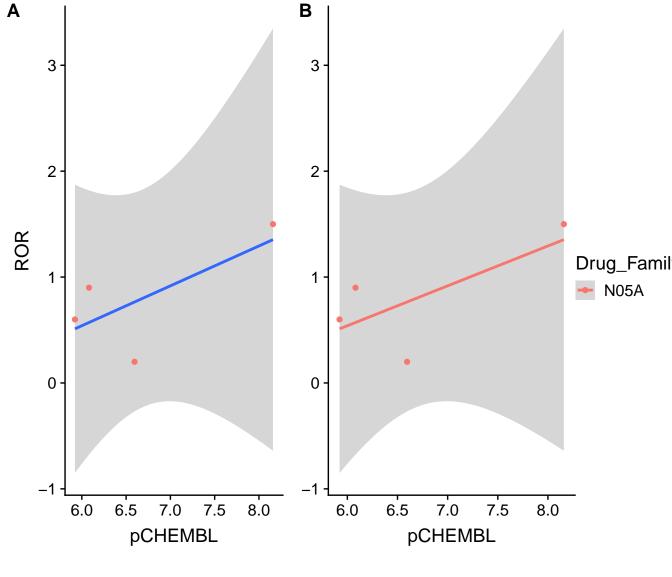
Intercept: 7.85 Slope: -0.98 SE: 0.78 p-value: 0.243932

loss of employment ~ Serotonin transporter [ Antagonist ]



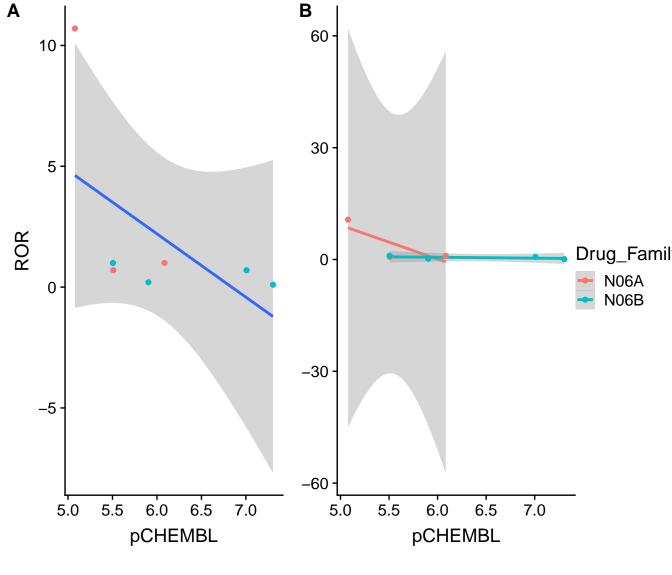
Intercept: 12.48 Slope: -1.4 SE: 0.58 p-value: 0.037668

loss of employment ~ Serotonin 5-HT1 receptor [ Agonist ]



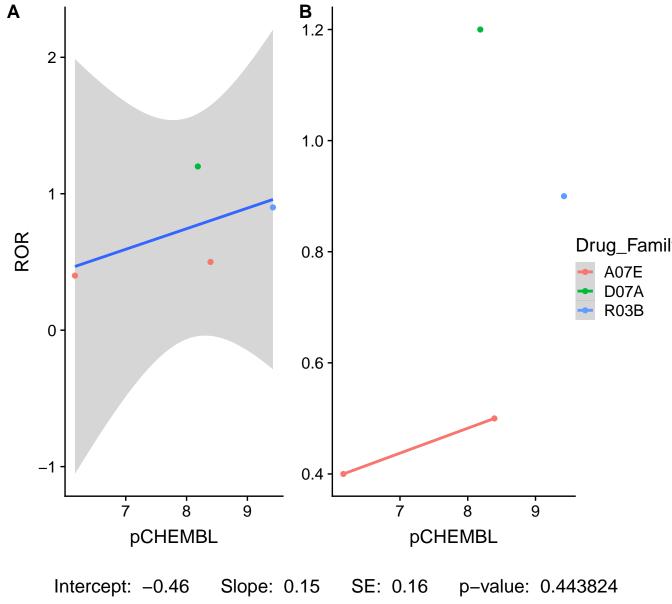
Intercept: -1.72 Slope: 0.38 SE: 0.27 p-value: 0.298105

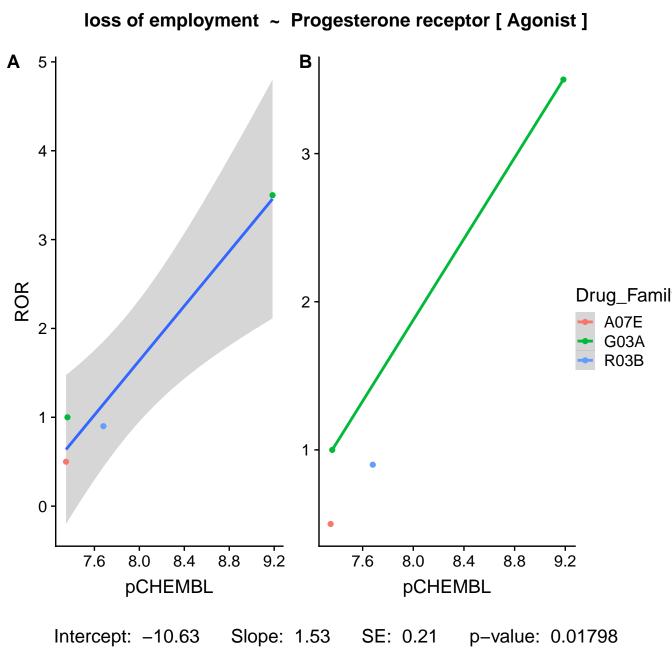
loss of employment ~ Dopamine transporter [ Antagonist ]

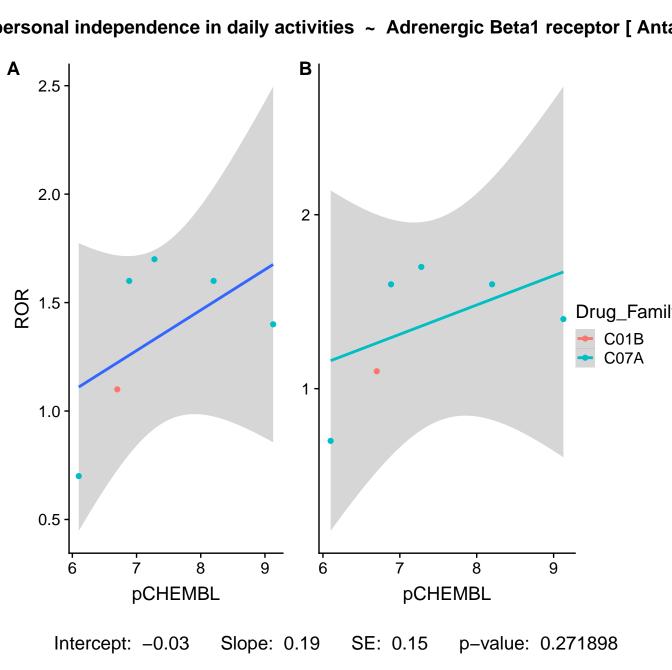


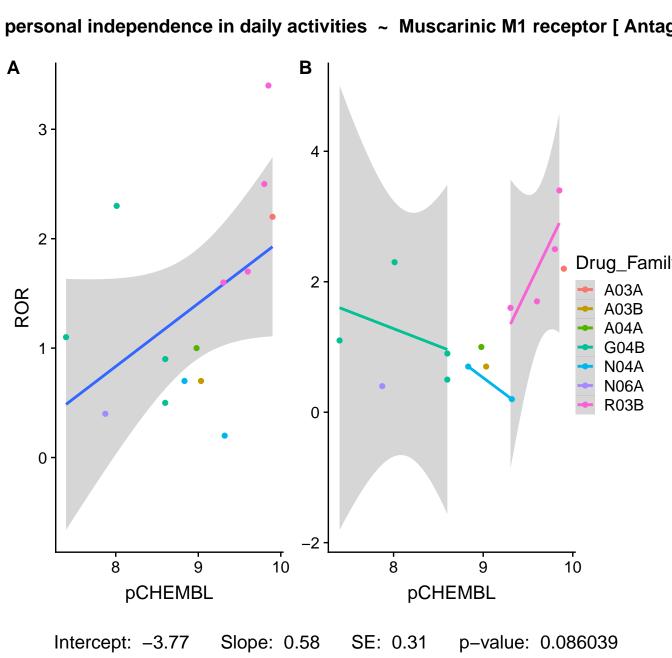
Intercept: 17.94 Slope: -2.62 SE: 1.72 p-value: 0.188582

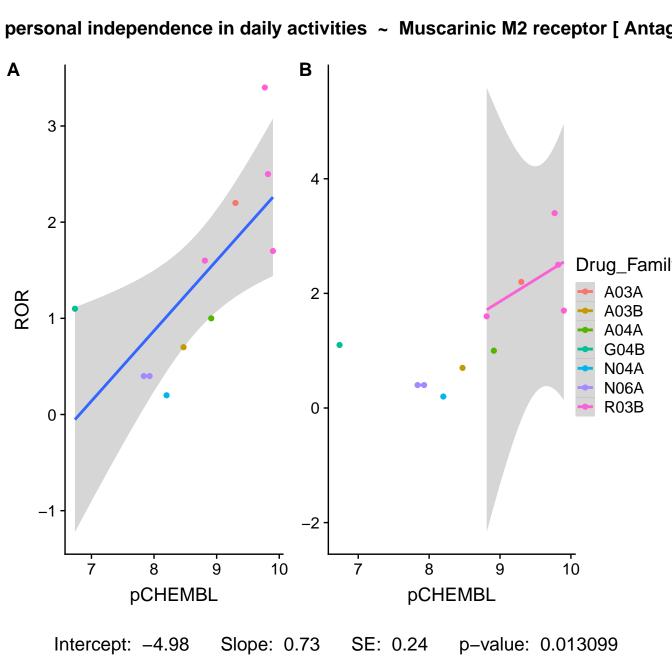


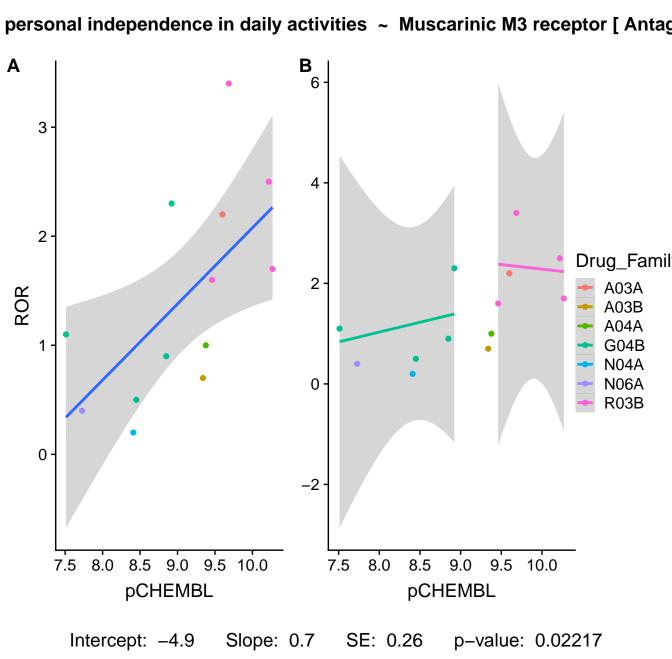


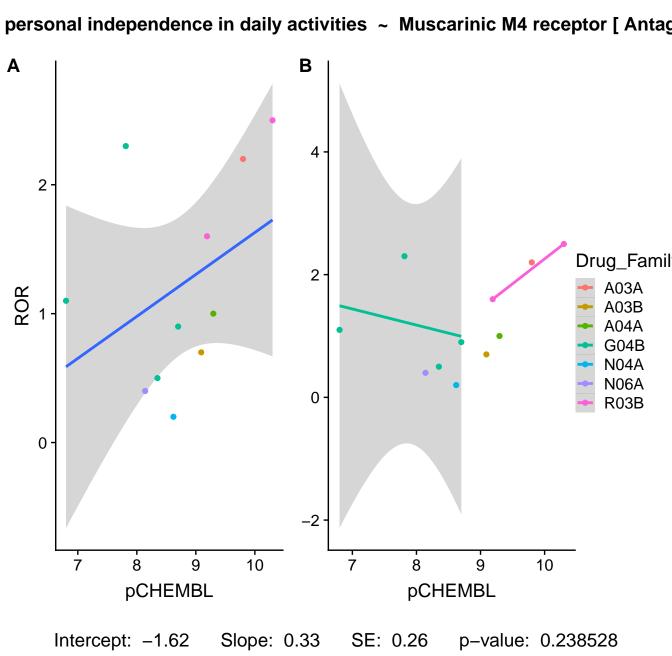


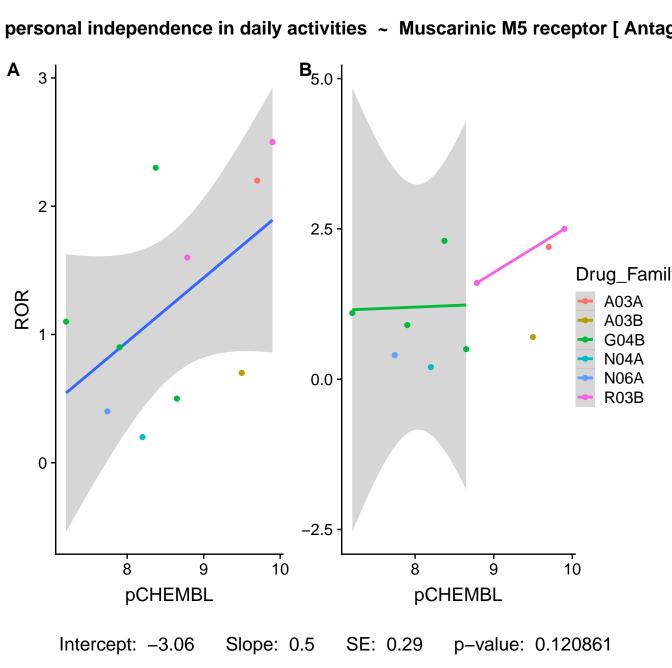


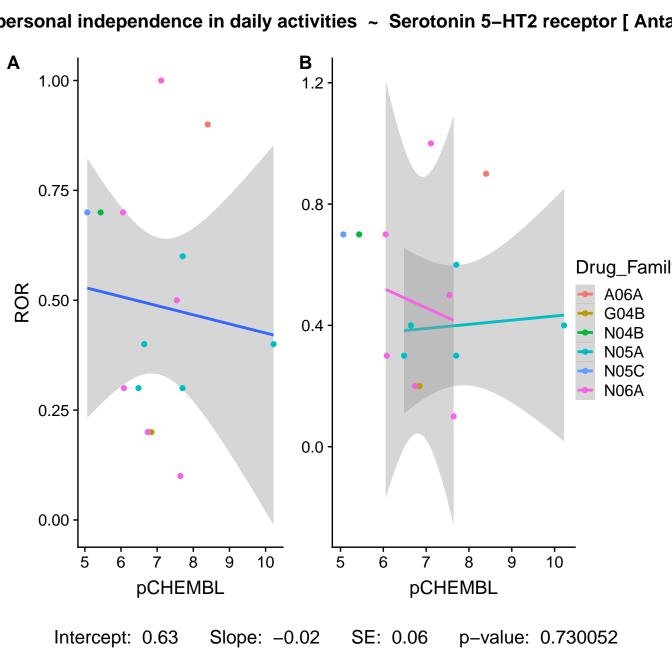


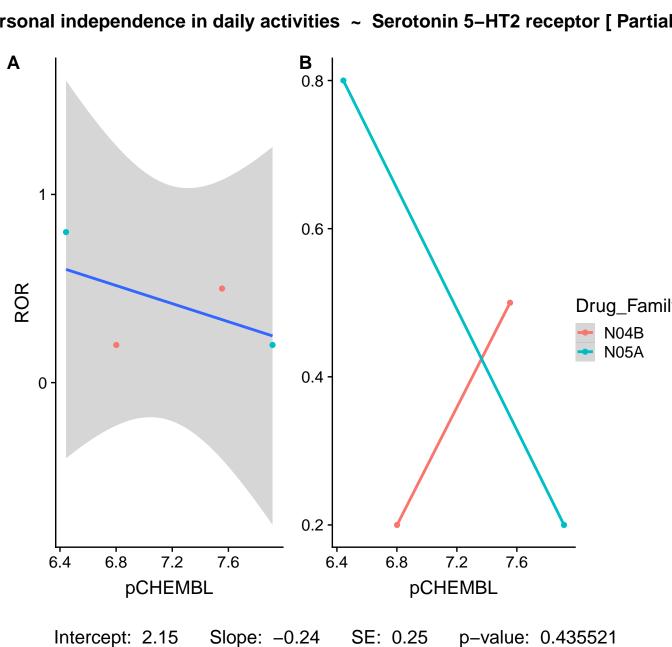


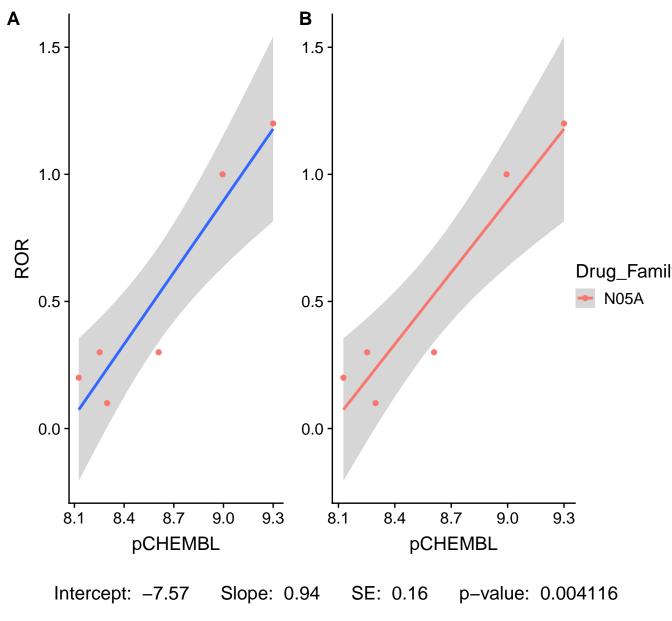




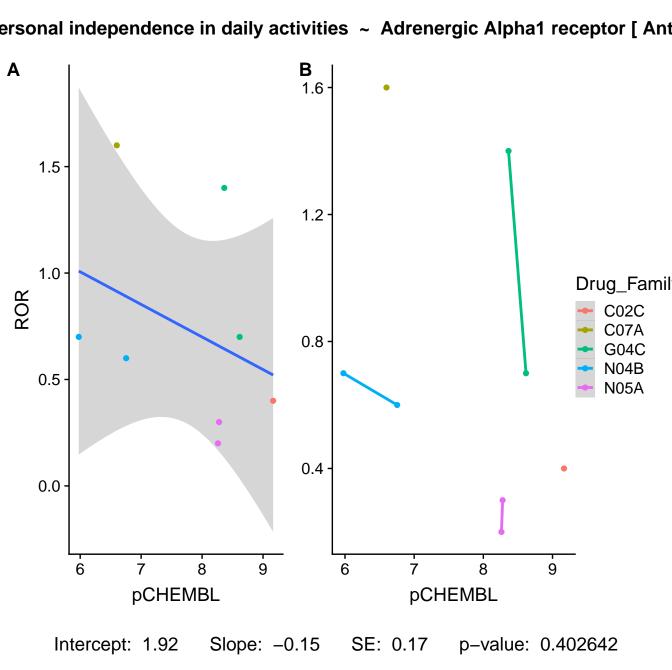


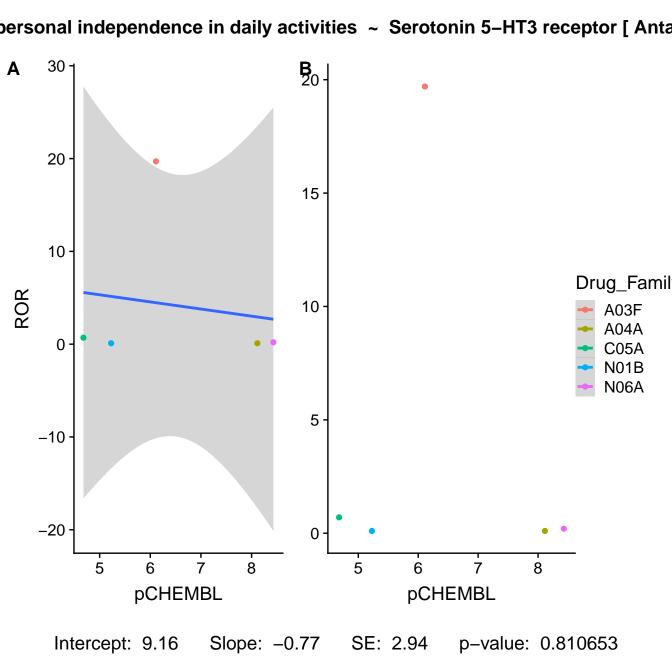


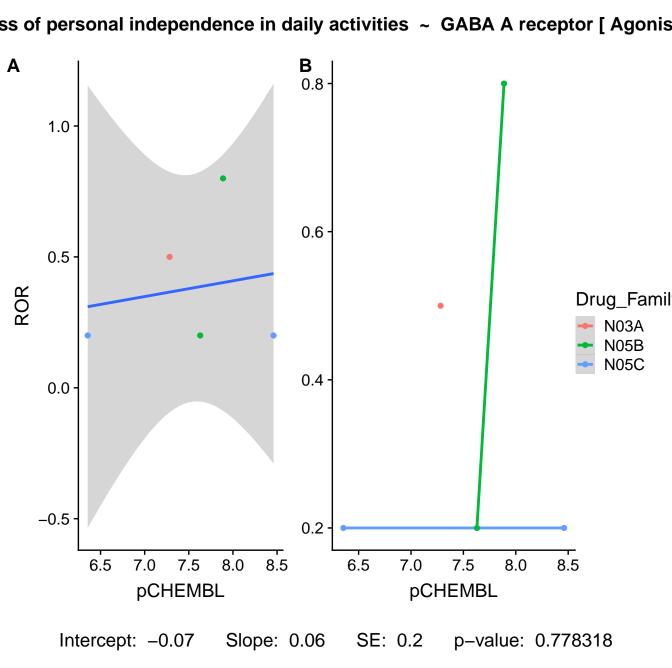


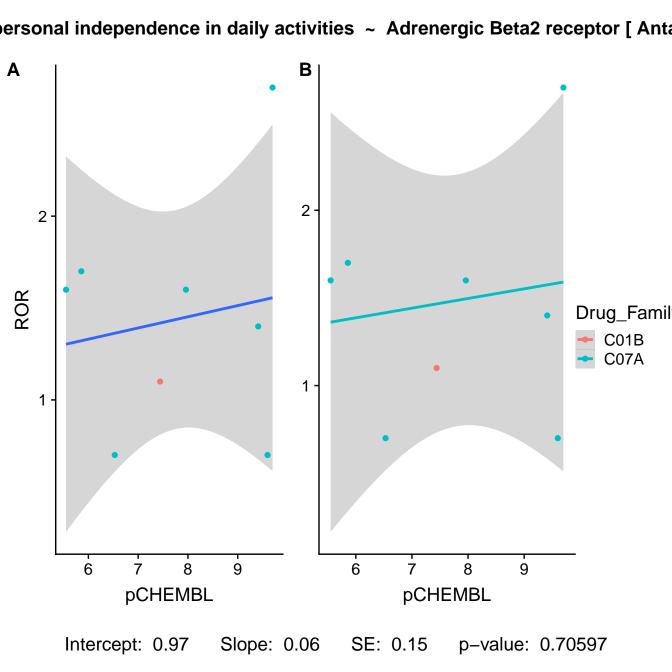


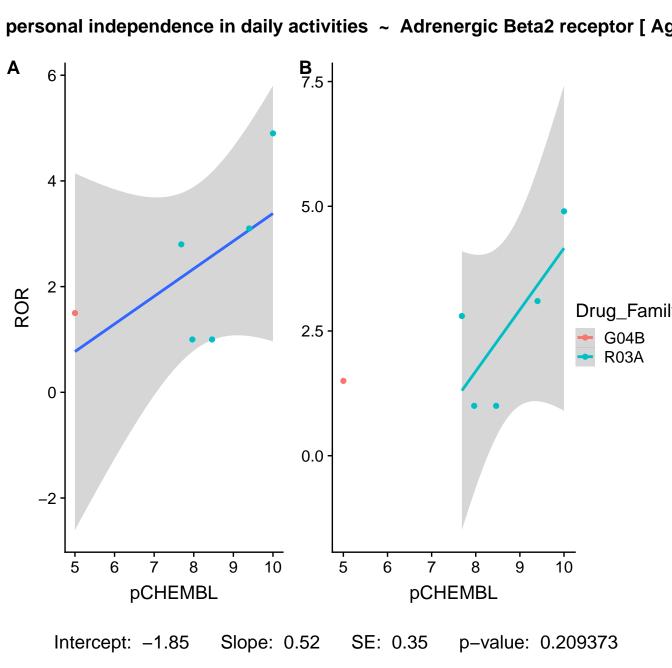
sonal independence in daily activities ~ Serotonin 5–HT2 receptor [ Inverse

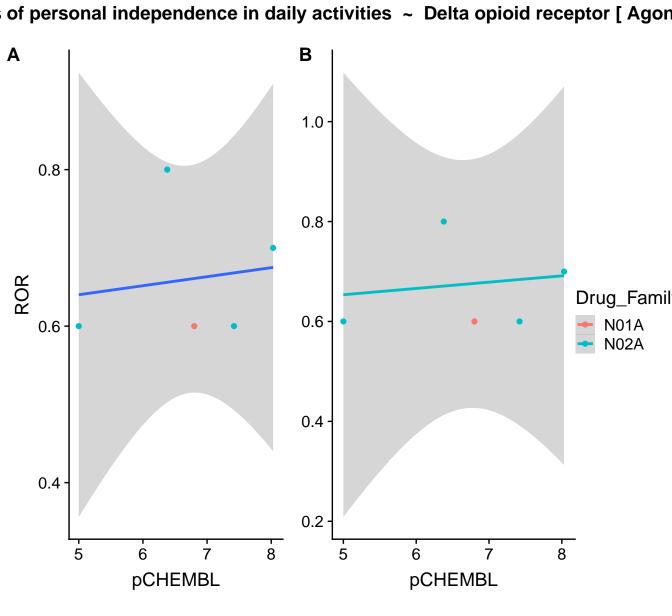




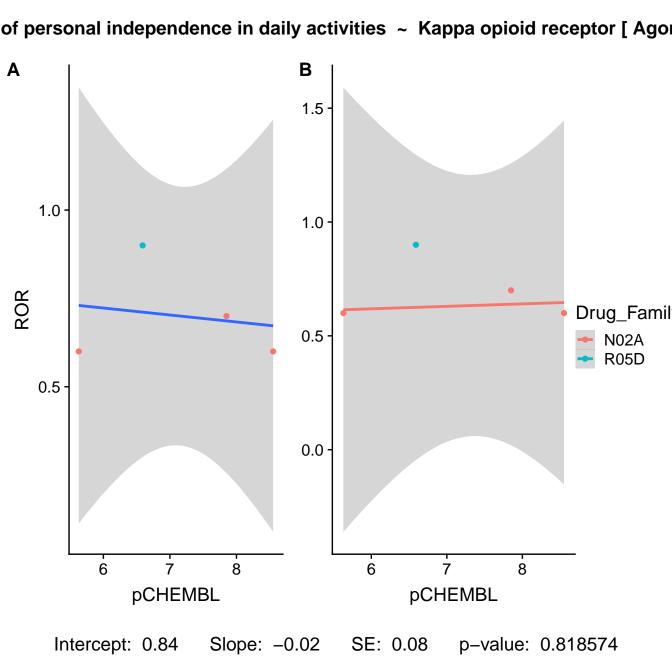


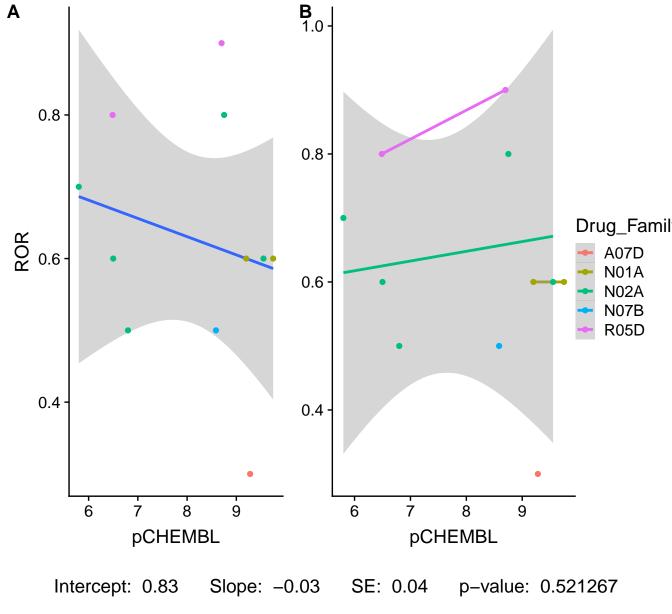






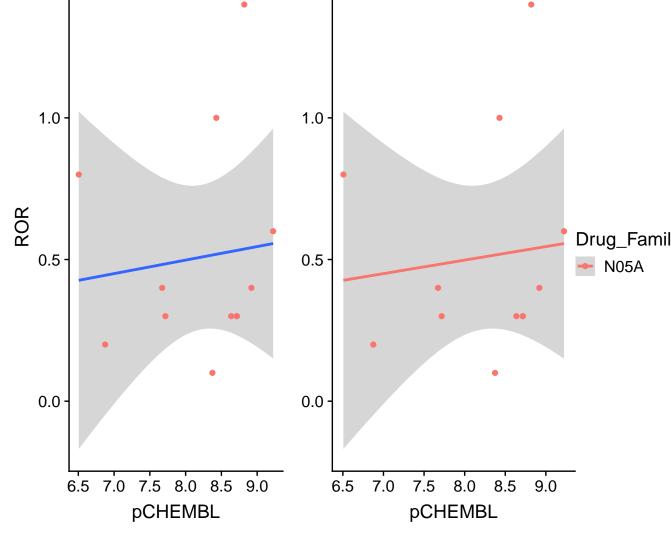
Intercept: 0.58 Slope: 0.01 SE: 0.04 p-value: 0.811963



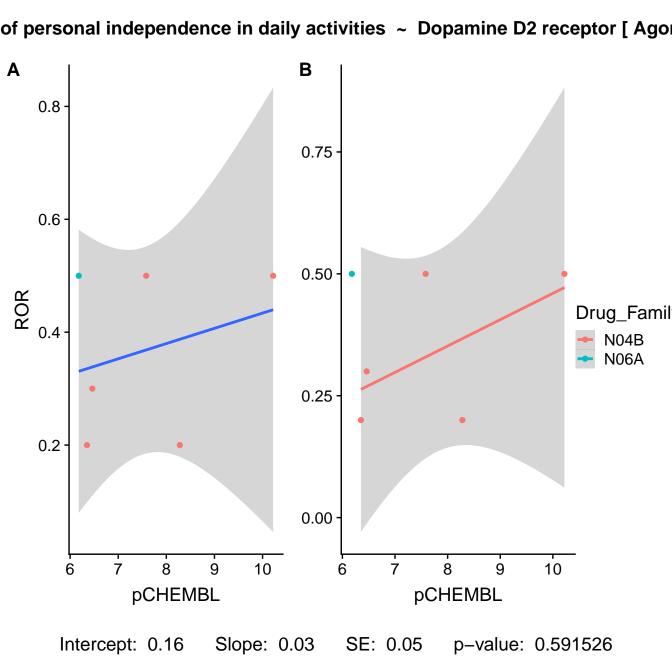


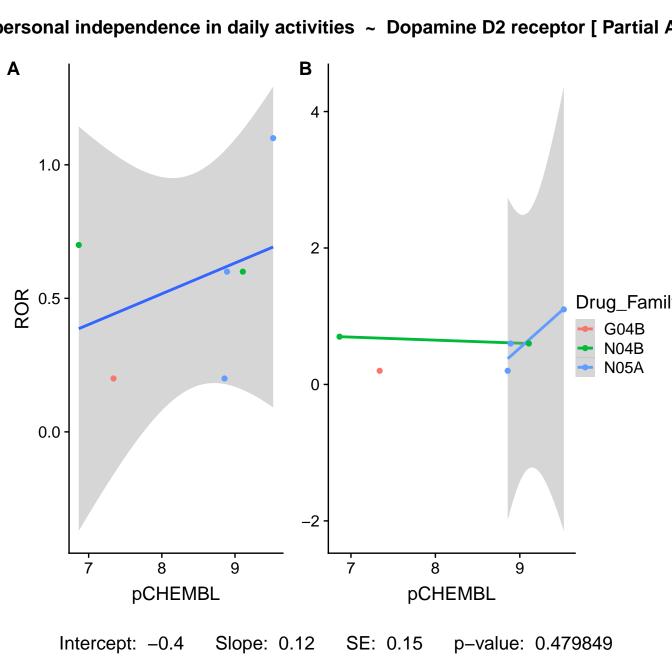
s of personal independence in daily activities ~ Mu opioid receptor [ Agoni

f personal independence in daily activities ~ Dopamine D2 receptor [ Antag

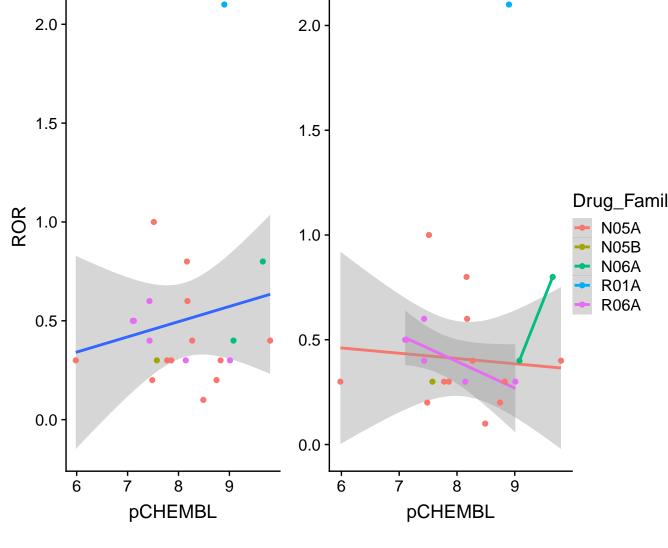


Intercept: 0.12 Slope: 0.05 SE: 0.14 p-value: 0.742199





f personal independence in daily activities ~ Histamine H1 receptor [ Antag

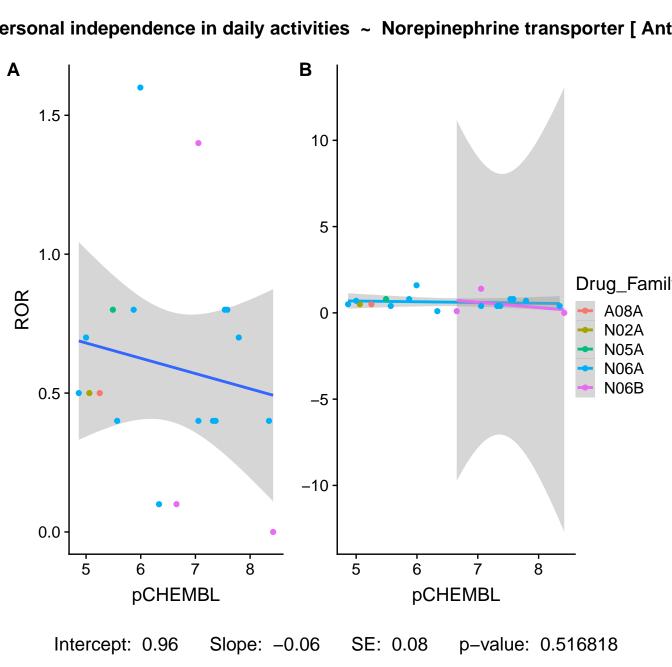


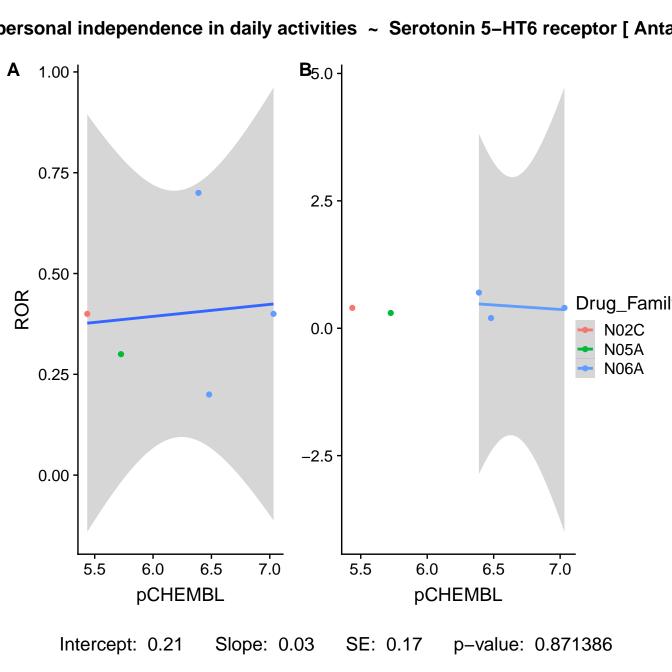
Slope: 0.08

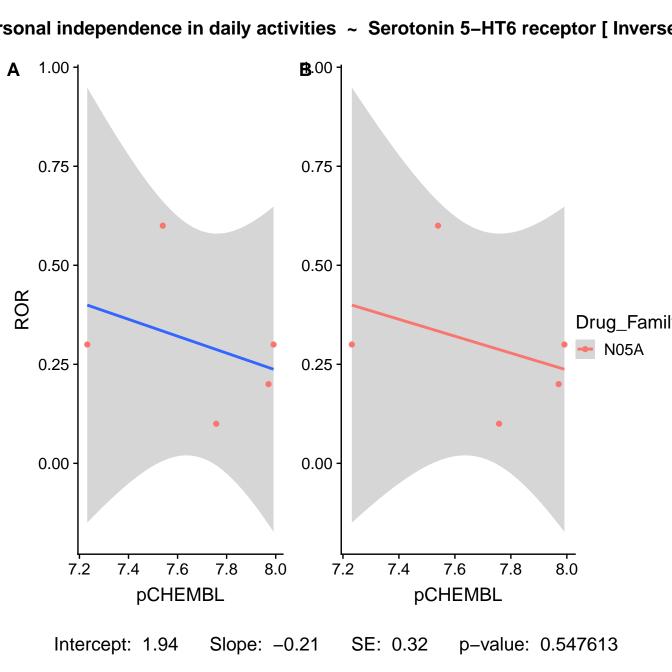
Intercept: -0.12

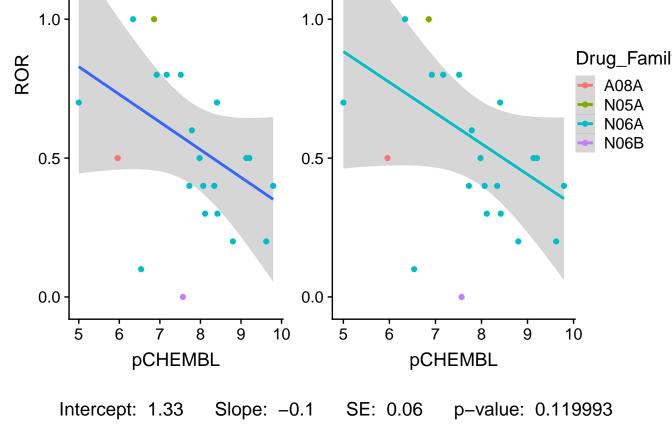
SE: 0.1

p-value: 0.45647









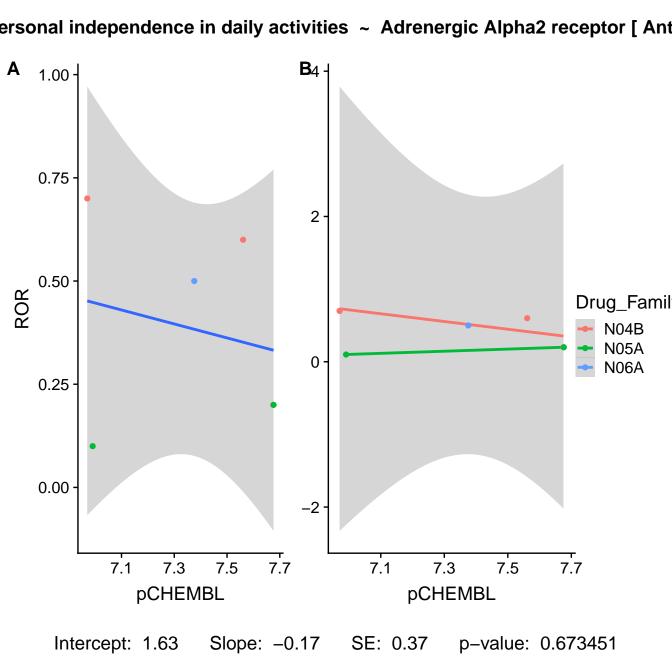
f personal independence in daily activities ~ Serotonin transporter [ Antago

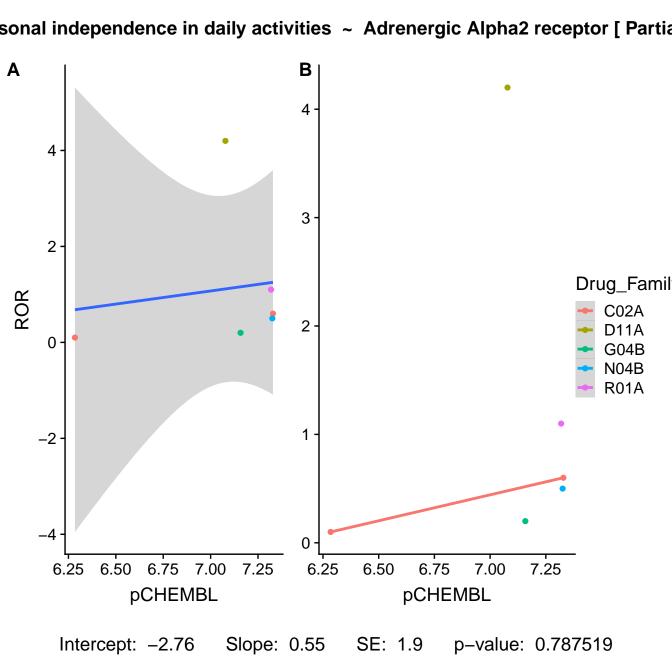
В

1.5

Α

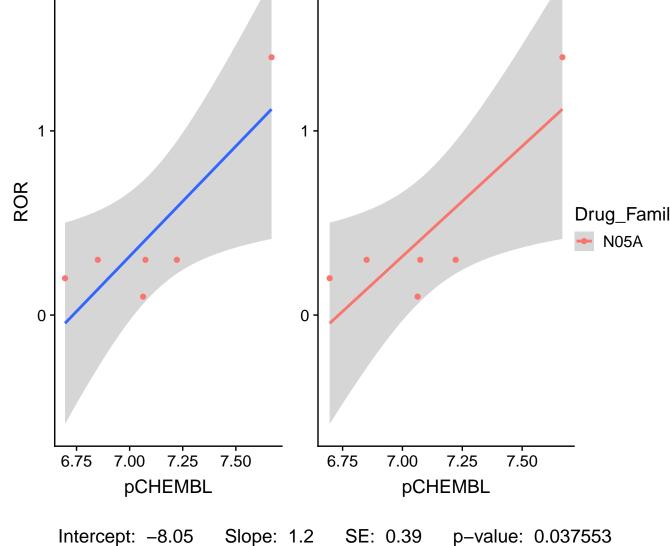
1.5

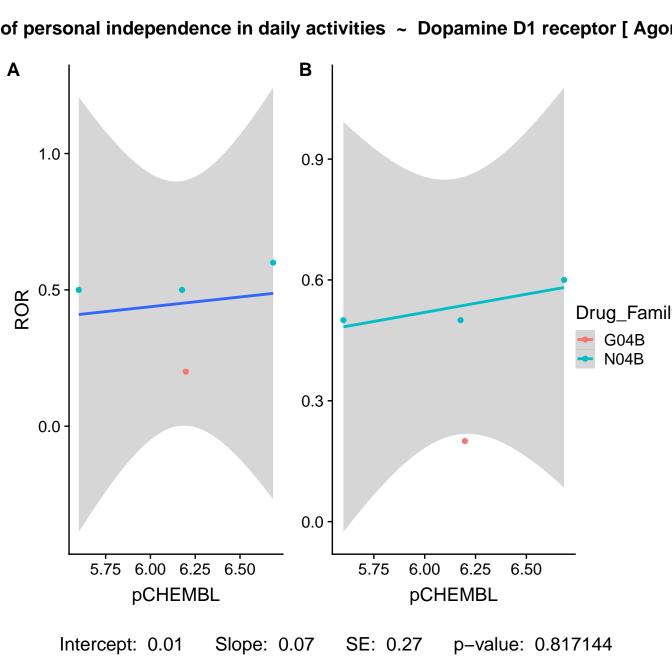


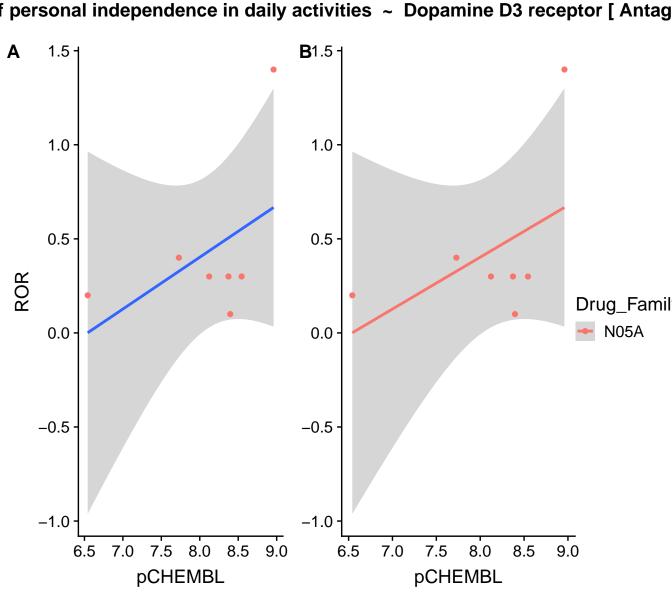


A B

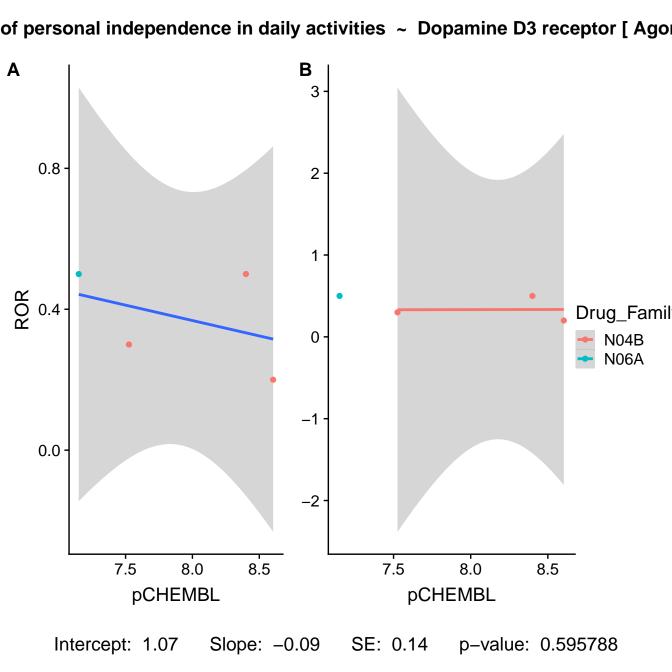
f personal independence in daily activities ~ Dopamine D1 receptor [ Antag

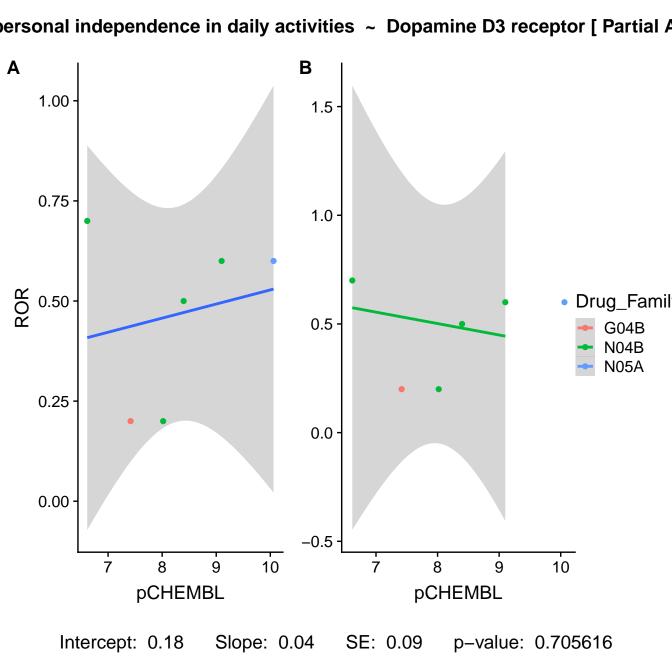






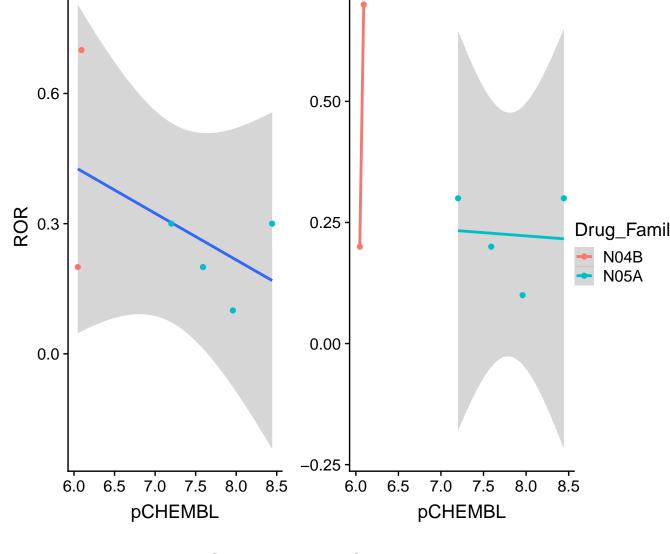
Intercept: -1.8 Slope: 0.28 SE: 0.22 p-value: 0.263329





A | B |

f personal independence in daily activities ~ Dopamine D4 receptor [ Antag



Intercept: 1.08 Slope: -0.11 SE: 0.09 p-value: 0.309086

f personal independence in daily activities ~ Dopamine D5 receptor [ Antag Α В 2 2 ROR Drug\_Famil N05A

Intercept: -4.27 Slope: 0.68 SE: 0.19 p-value: 0.037627

6.5

7.0

**pCHEMBL** 

7.5

8.0

0

7.5

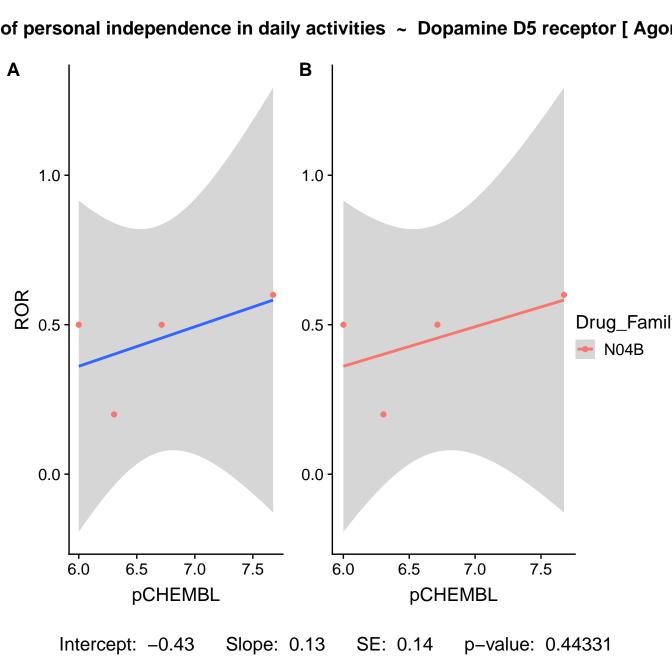
8.0

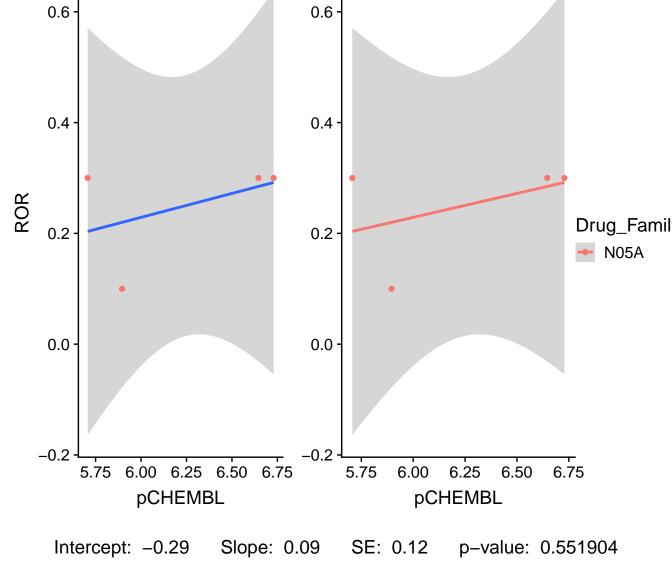
7.0

**pCHEMBL** 

0 -

6.5

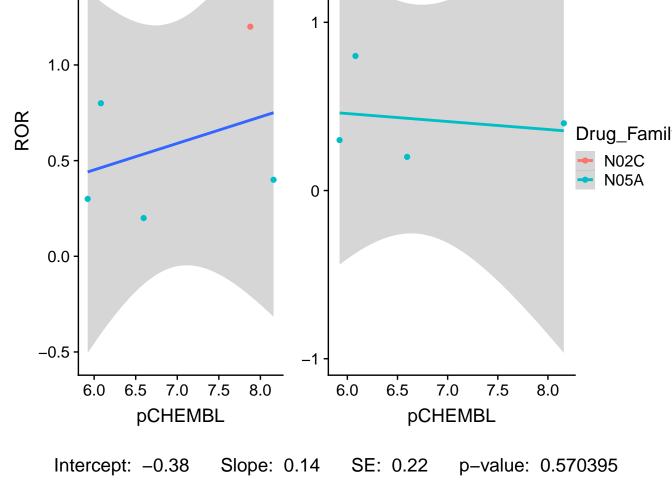




personal independence in daily activities ~ Serotonin 5–HT1 receptor [ Anta

В

Α

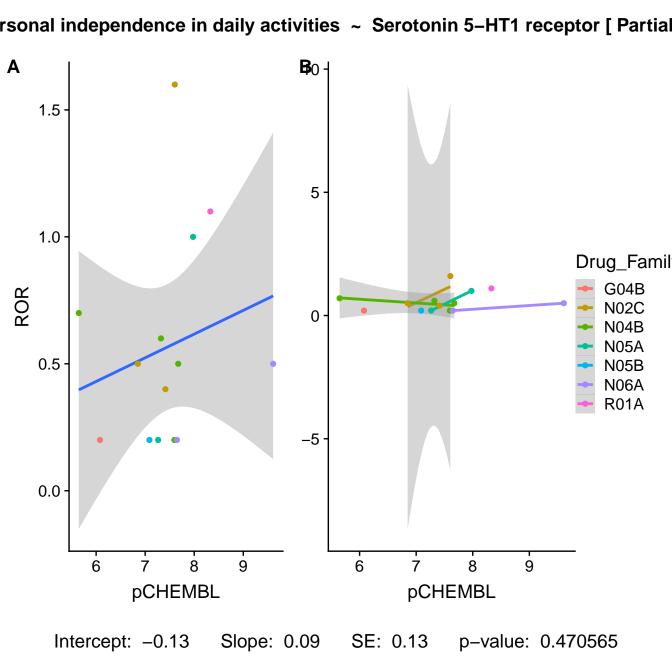


f personal independence in daily activities ~ Serotonin 5–HT1 receptor [ Ag

В

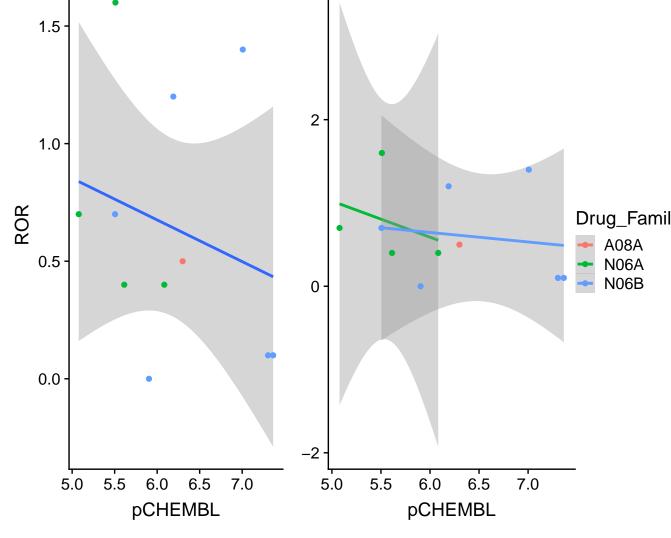
Α

1.5

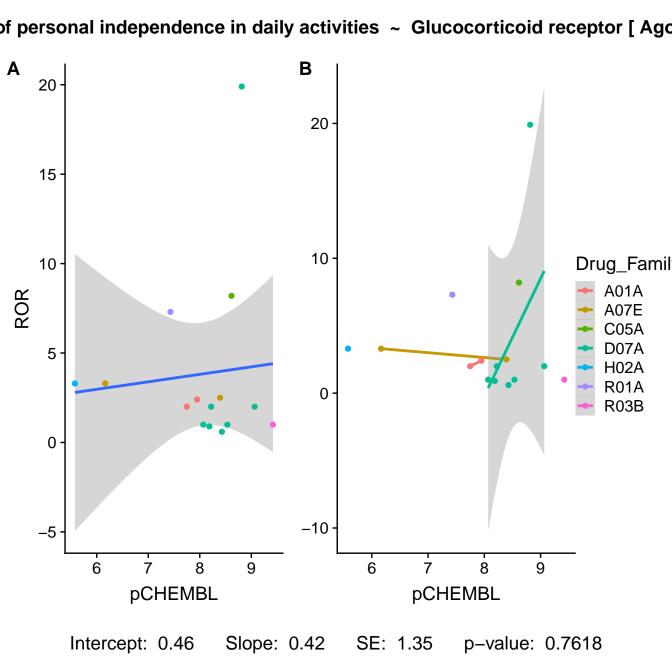


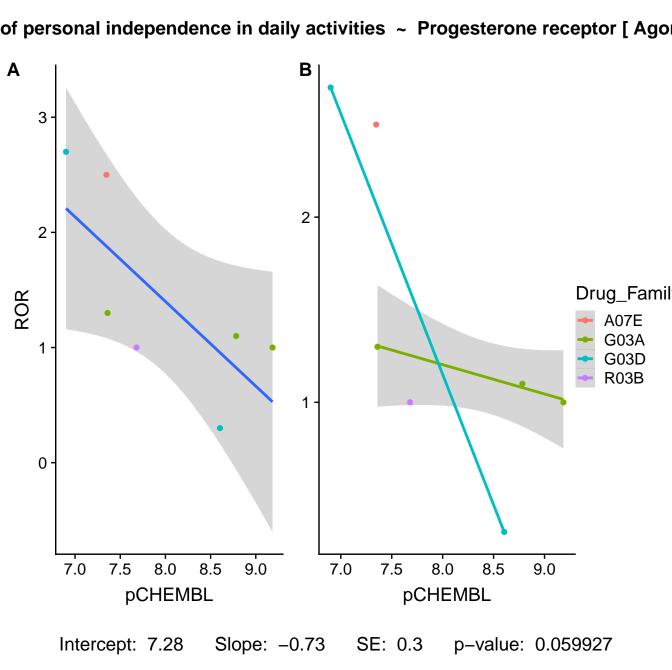
A B |

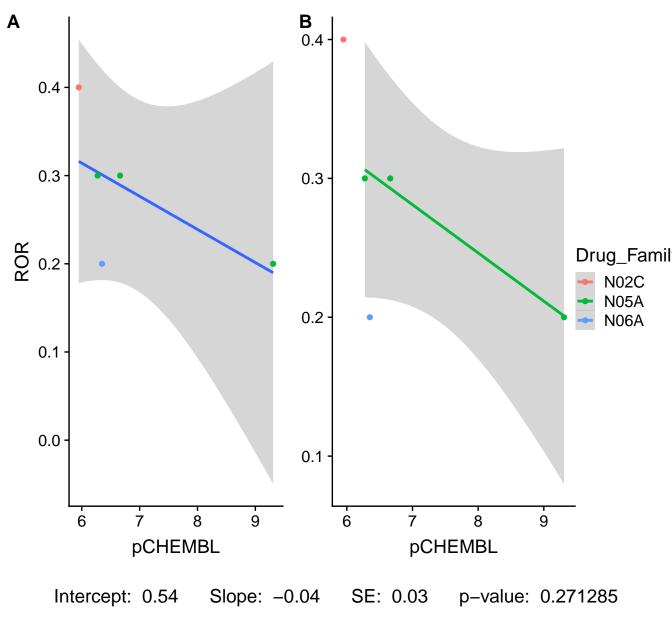
f personal independence in daily activities ~ Dopamine transporter [ Antag



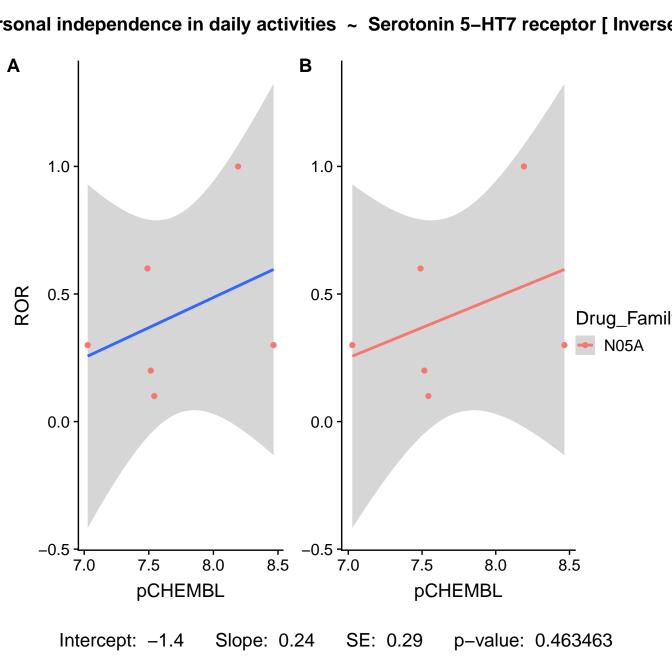
Intercept: 1.74 Slope: -0.18 SE: 0.23 p-value: 0.457787

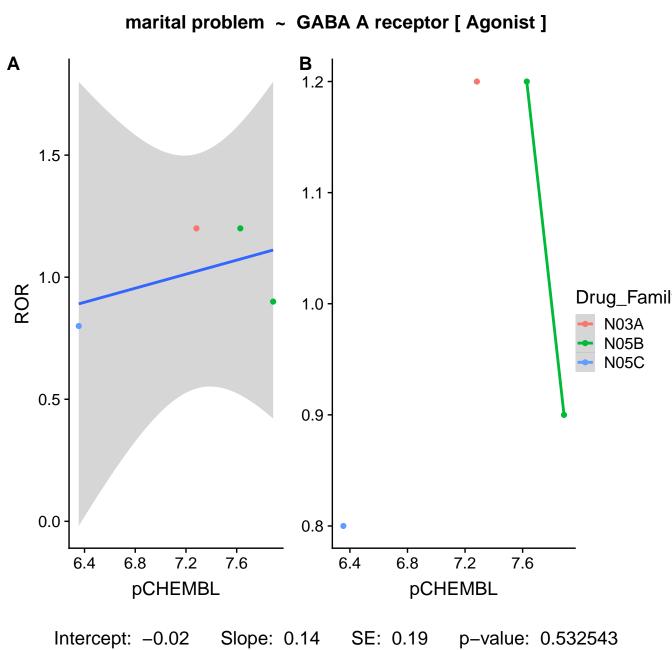




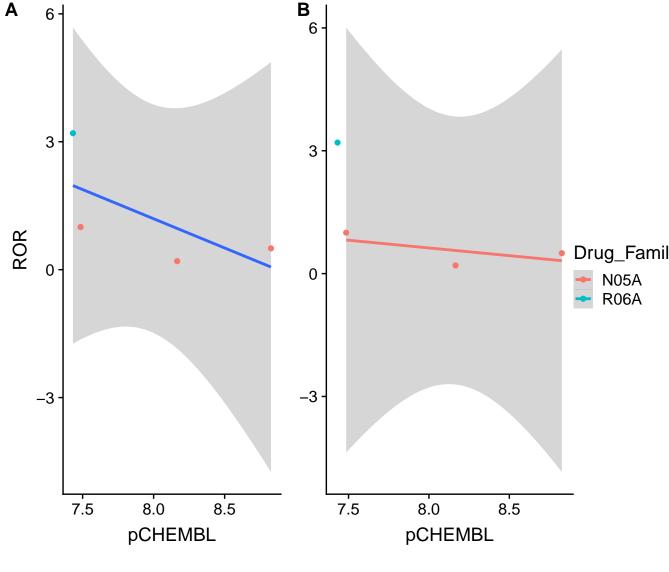


personal independence in daily activities ~ Serotonin 5–HT7 receptor [ Anta



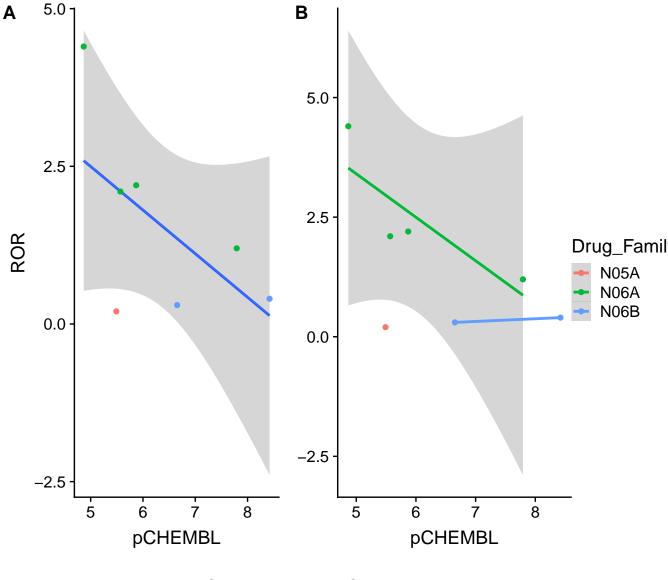


## marital problem ~ Histamine H1 receptor [ Antagonist ]



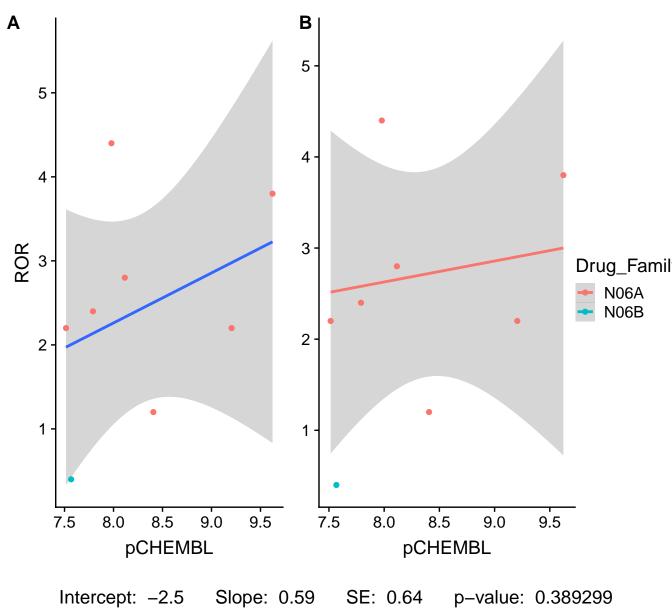
Intercept: 12.15 Slope: -1.37 SE: 1.09 p-value: 0.336689

marital problem ~ Norepinephrine transporter [ Antagonist ]

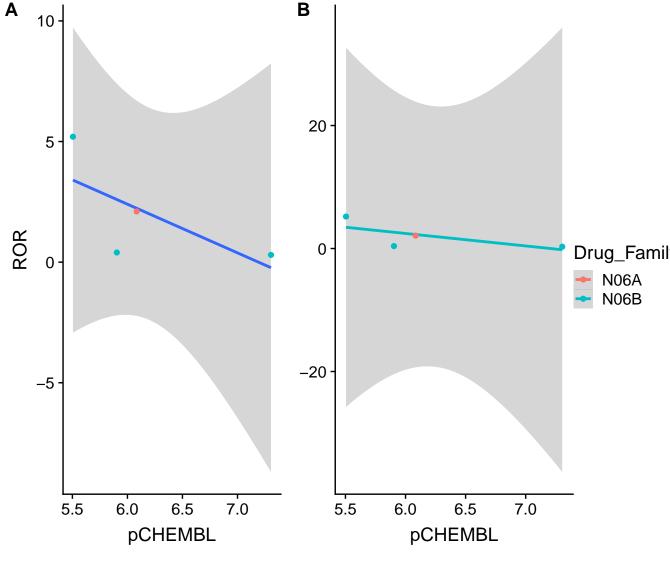


Intercept: 5.95 Slope: -0.69 SE: 0.41 p-value: 0.156206

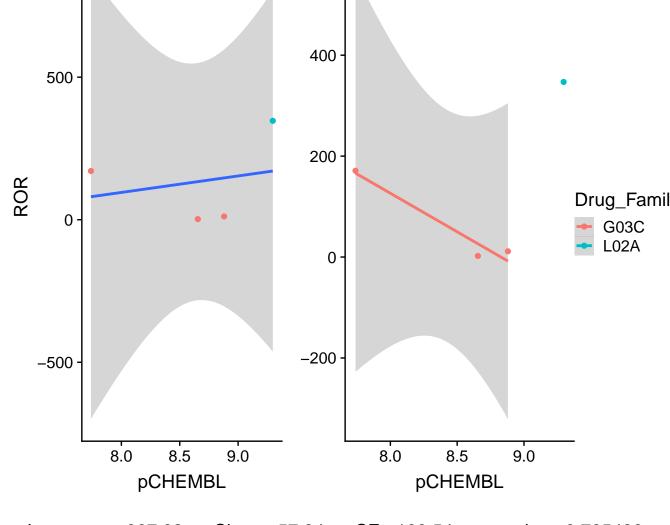
marital problem ~ Serotonin transporter [ Antagonist ]



## marital problem ~ Dopamine transporter [ Antagonist ]



Intercept: 14.51 Slope: -2.02 SE: 1.52 p-value: 0.316171



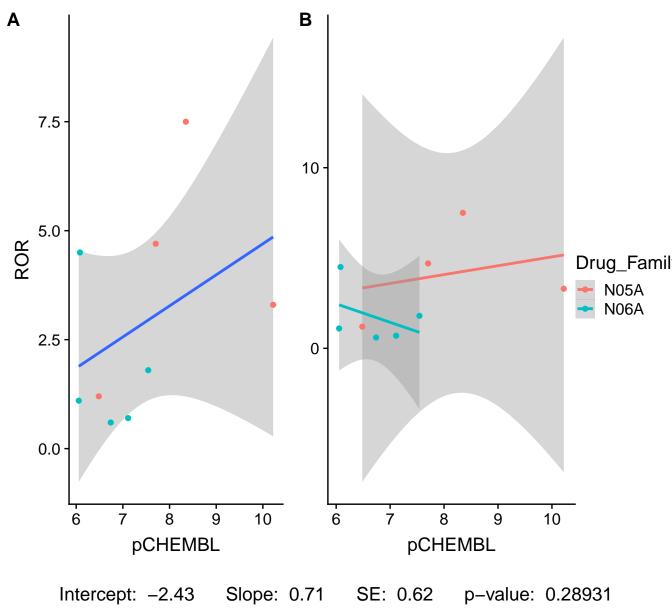
marital problem ~ Estrogen Alpha receptor [ Agonist ]

**B**600 -

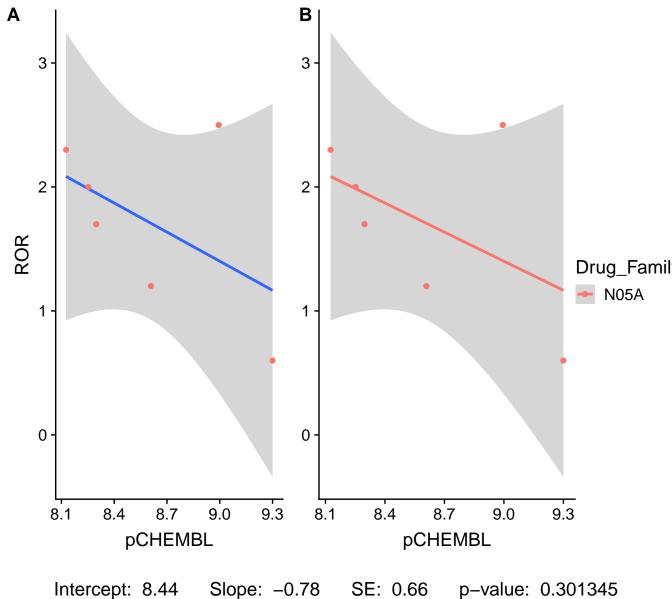
Α

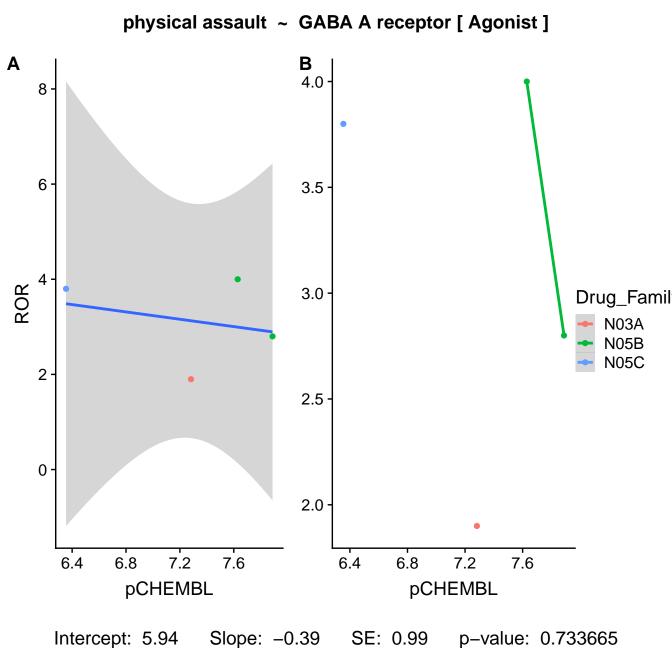
Intercept: -367.02 Slope: 57.84 SE: 169.54 p-value: 0.765486

physical assault ~ Serotonin 5-HT2 receptor [ Antagonist ]

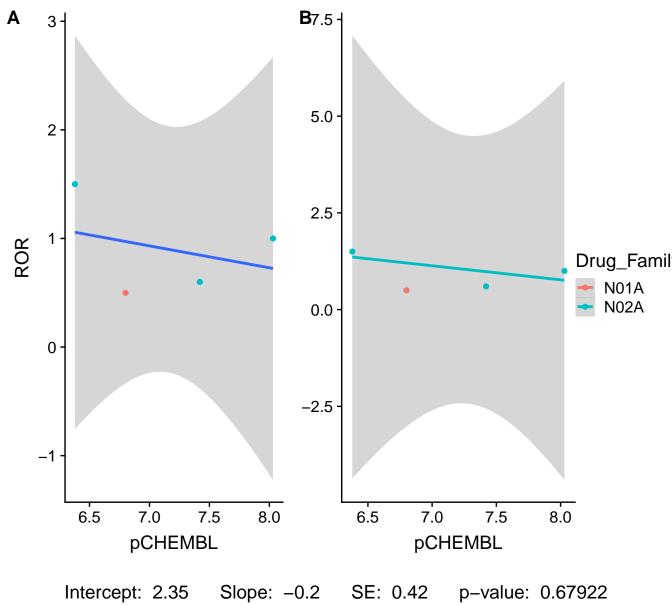


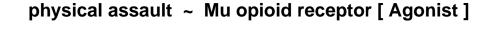
physical assault ~ Serotonin 5–HT2 receptor [ Inverse Agonist ]

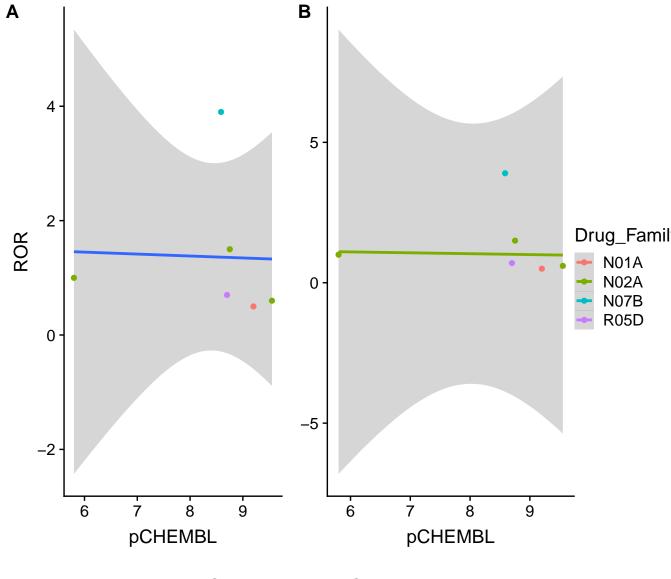




physical assault ~ Delta opioid receptor [ Agonist ]

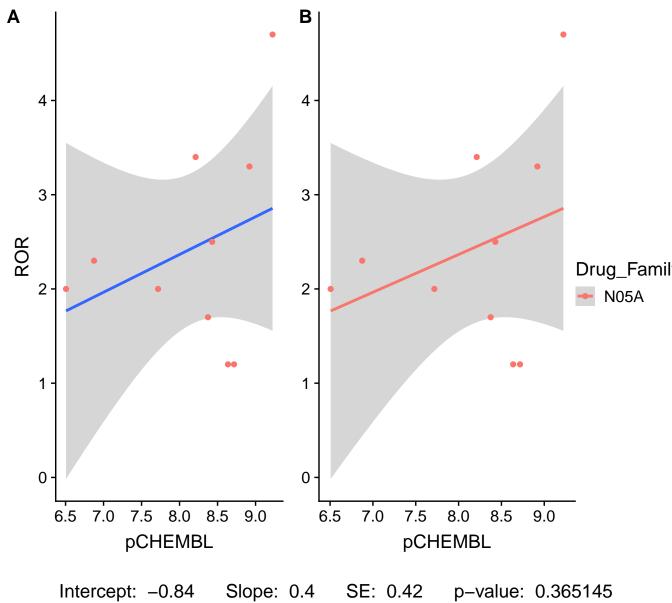




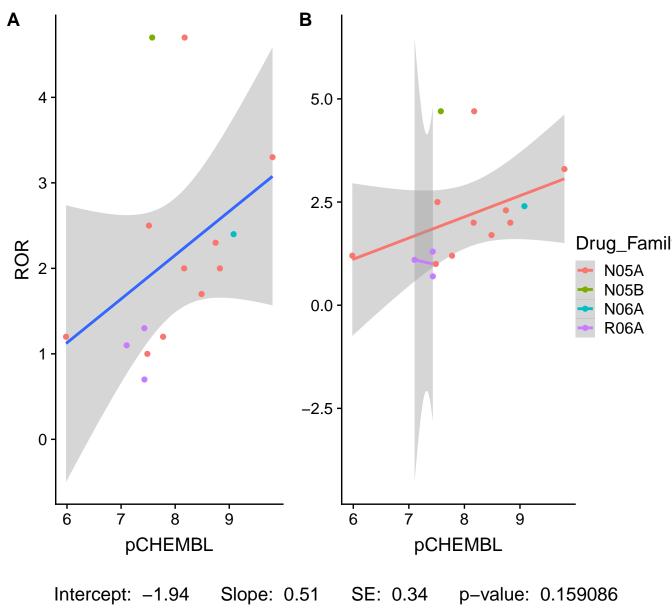


Intercept: 1.65 Slope: -0.03 SE: 0.48 p-value: 0.947272

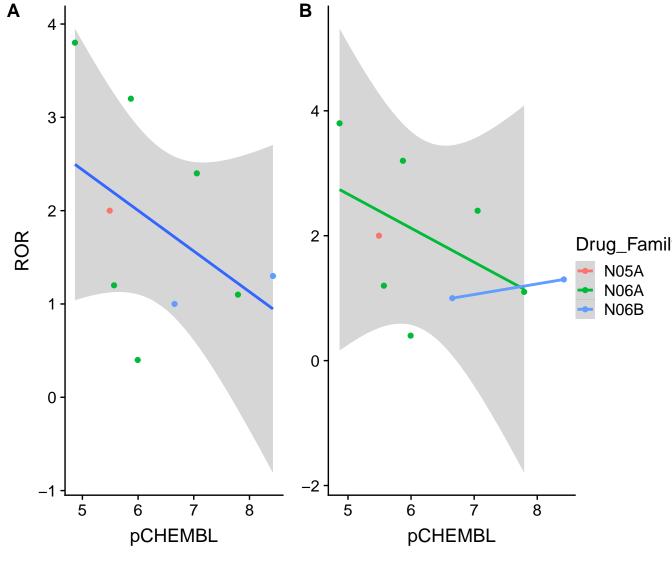




physical assault ~ Histamine H1 receptor [ Antagonist ]

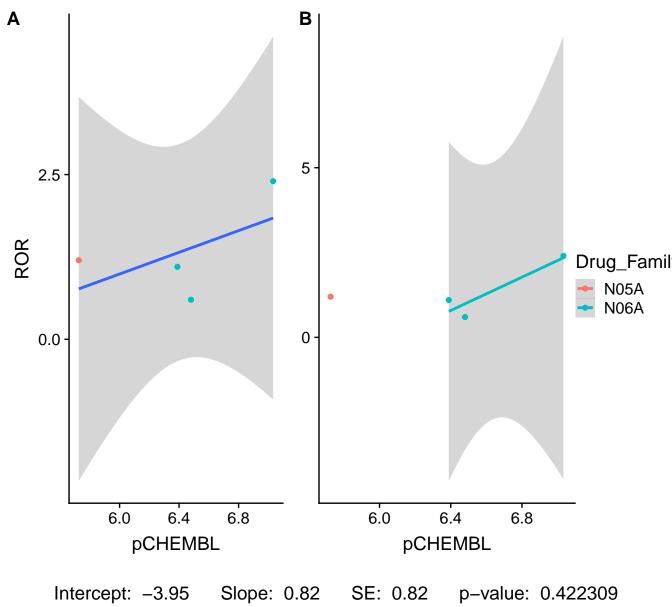


physical assault ~ Norepinephrine transporter [ Antagonist ]



Intercept: 4.62 Slope: -0.44 SE: 0.32 p-value: 0.221593

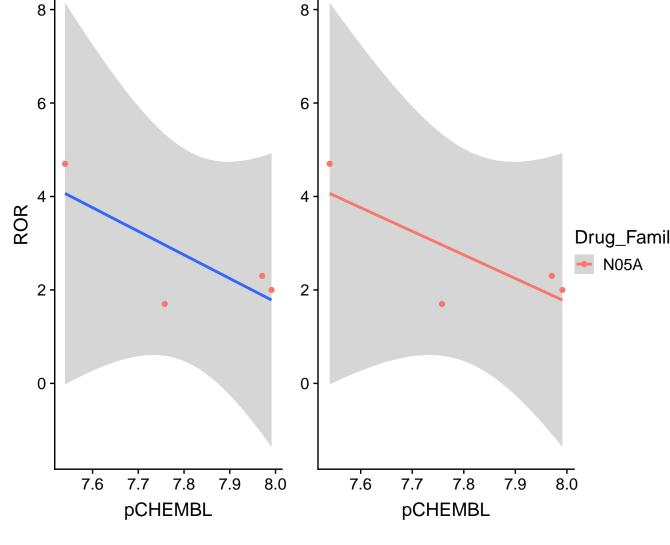
physical assault ~ Serotonin 5-HT6 receptor [ Antagonist ]



B

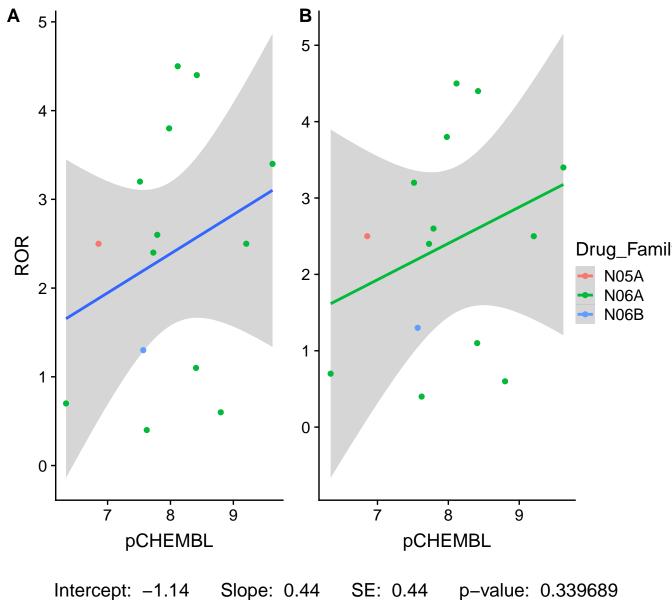
Α

physical assault ~ Serotonin 5-HT6 receptor [ Inverse Agonist ]

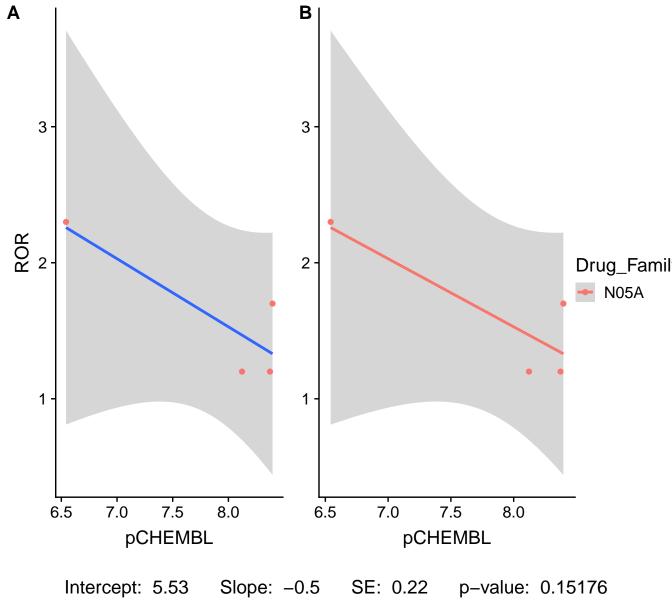


Intercept: 42.16 Slope: -5.05 SE: 2.87 p-value: 0.220676

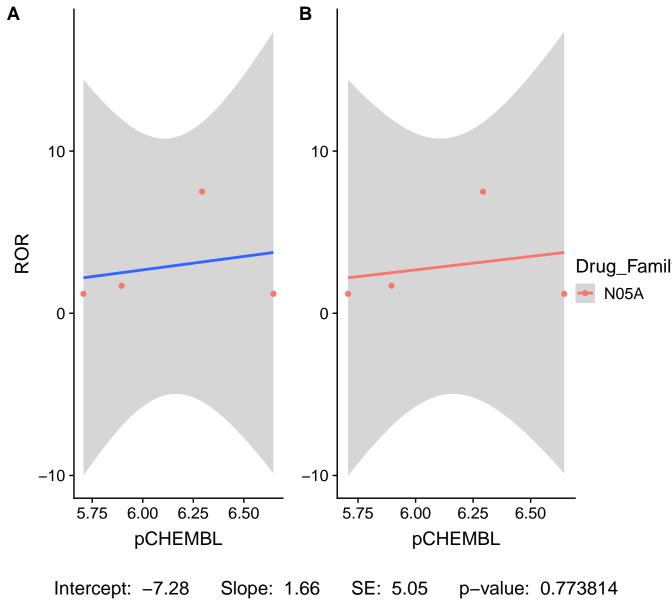


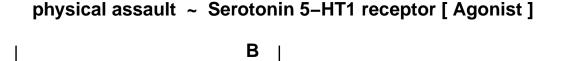




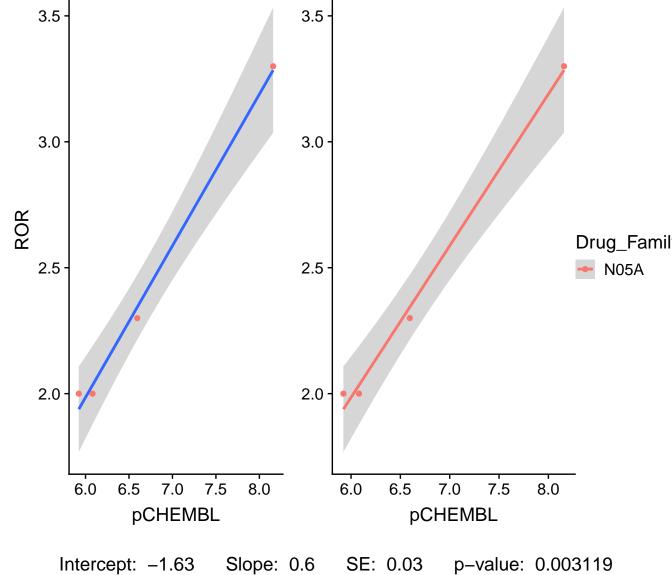


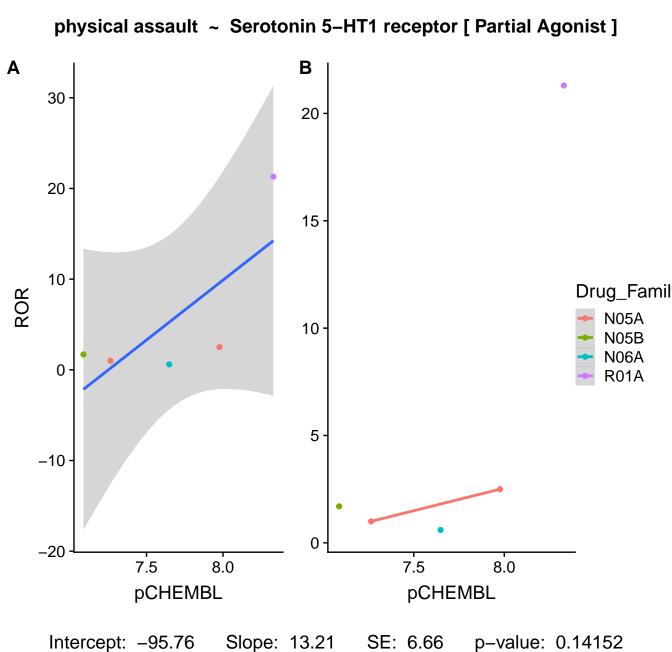




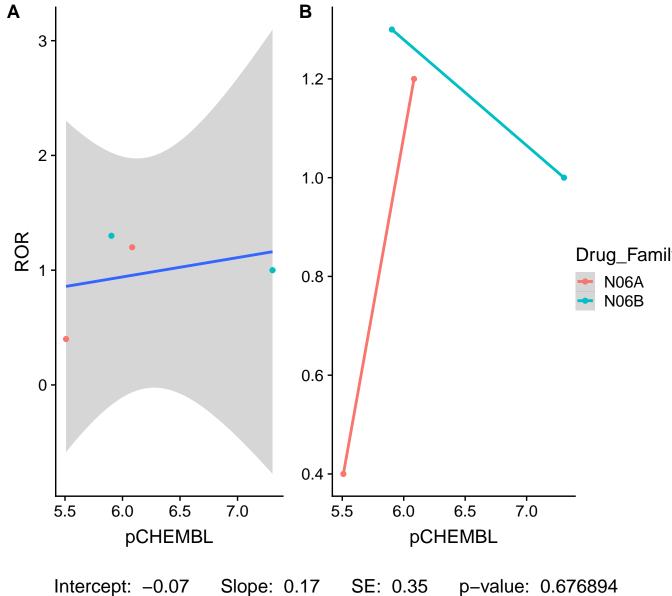


Α

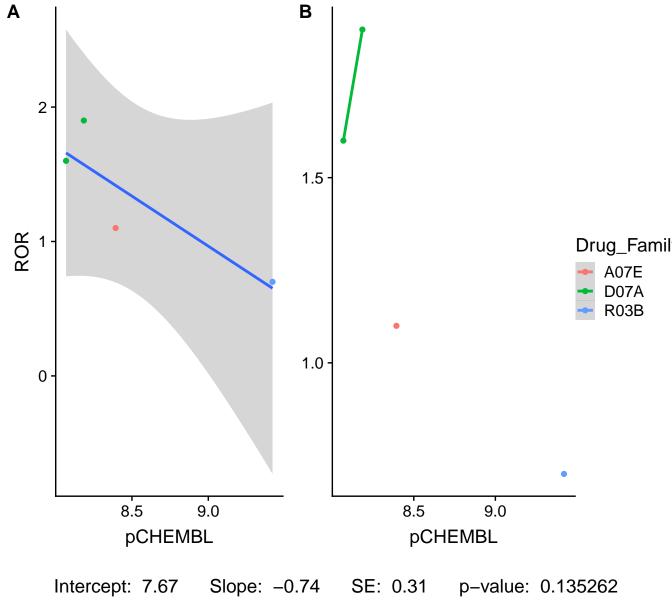




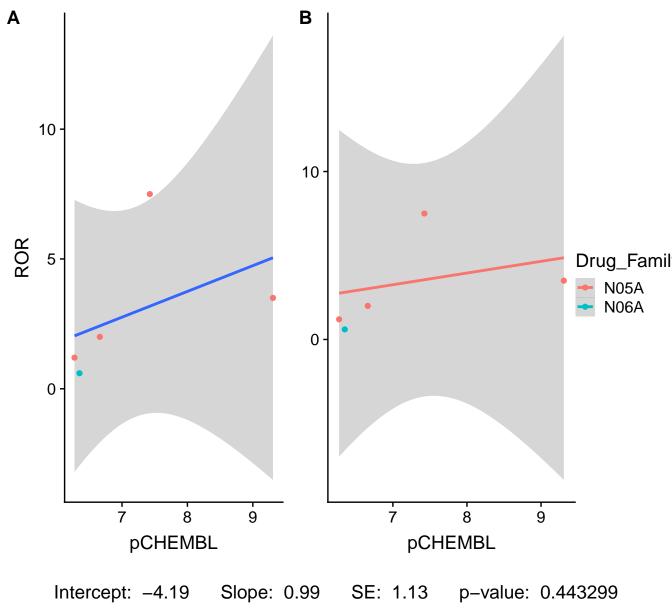




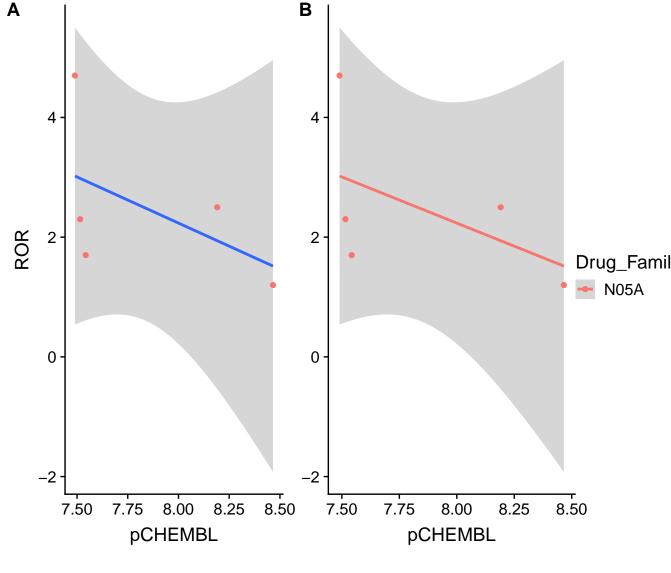




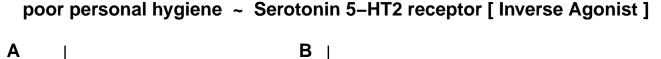
physical assault ~ Serotonin 5-HT7 receptor [ Antagonist ]

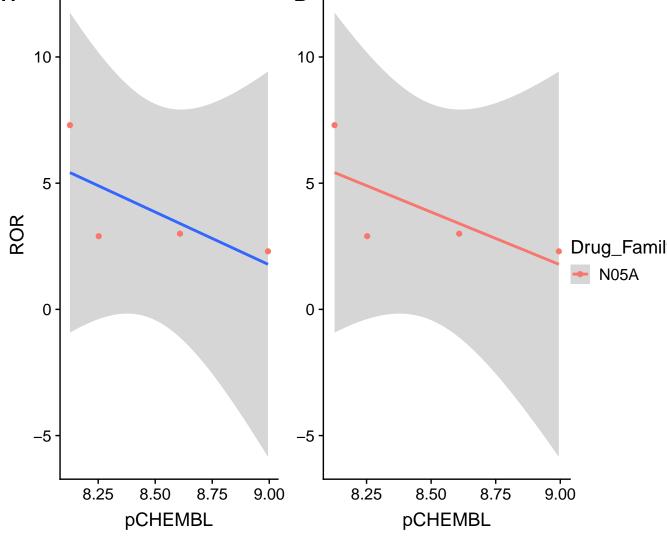


physical assault ~ Serotonin 5–HT7 receptor [ Inverse Agonist ]



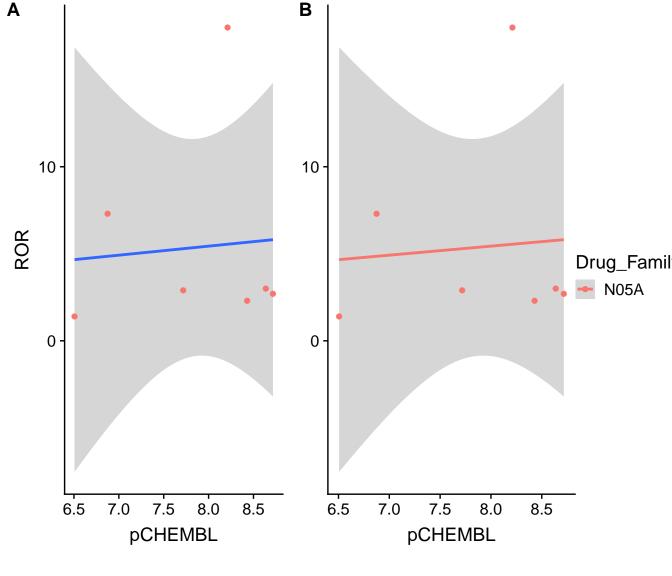
Intercept: 14.57 Slope: -1.54 SE: 1.45 p-value: 0.365391



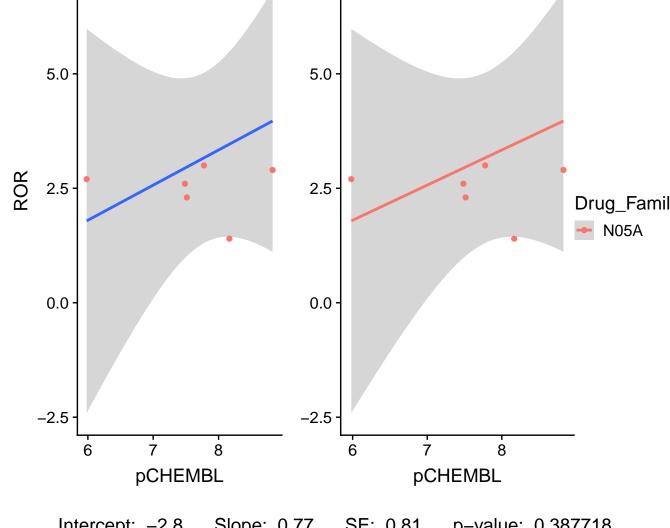


Intercept: 39.41 Slope: -4.18 SE: 2.94 p-value: 0.29118

poor personal hygiene ~ Dopamine D2 receptor [ Antagonist ]



Intercept: 1.29 Slope: 0.52 SE: 2.99 p-value: 0.869249

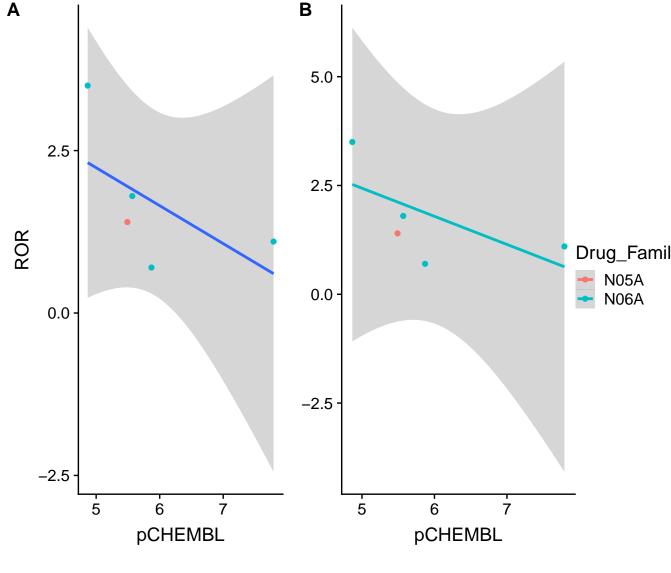


poor personal hygiene ~ Histamine H1 receptor [ Antagonist ]

**B**<sub>7.5</sub> ]

7.5

Slope: 0.77 SE: 0.81 Intercept: -2.8 p-value: 0.387718 poor personal hygiene ~ Norepinephrine transporter [ Antagonist ]

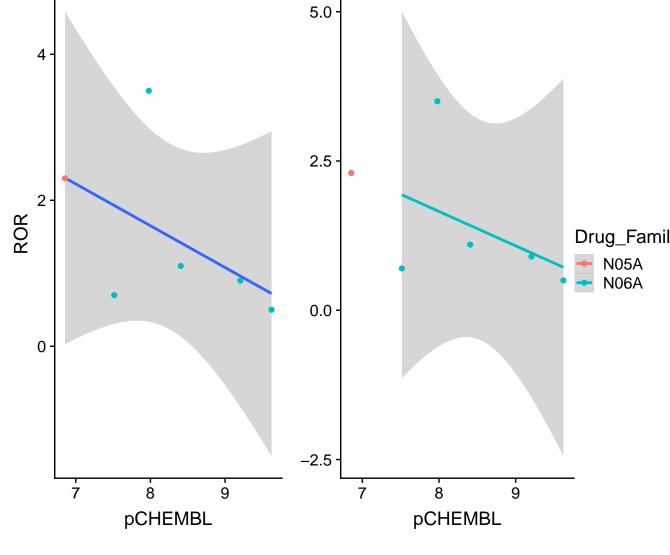


Intercept: 5.16 Slope: -0.58 SE: 0.45 p-value: 0.28696



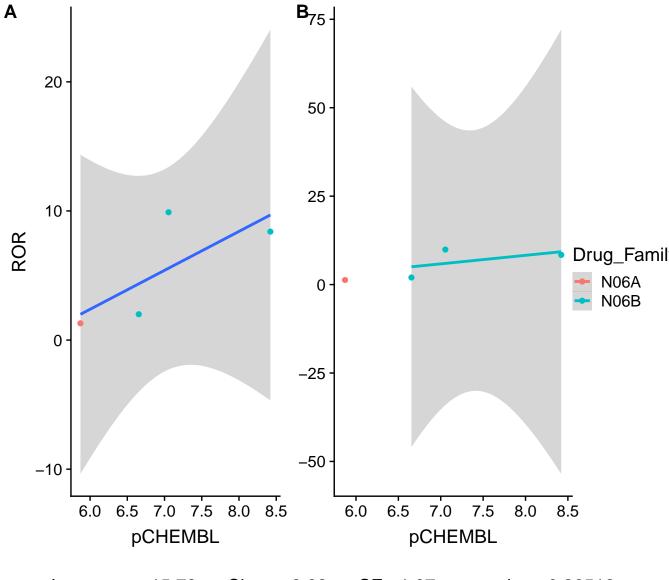
Α

poor personal hygiene ~ Serotonin transporter [ Antagonist ]



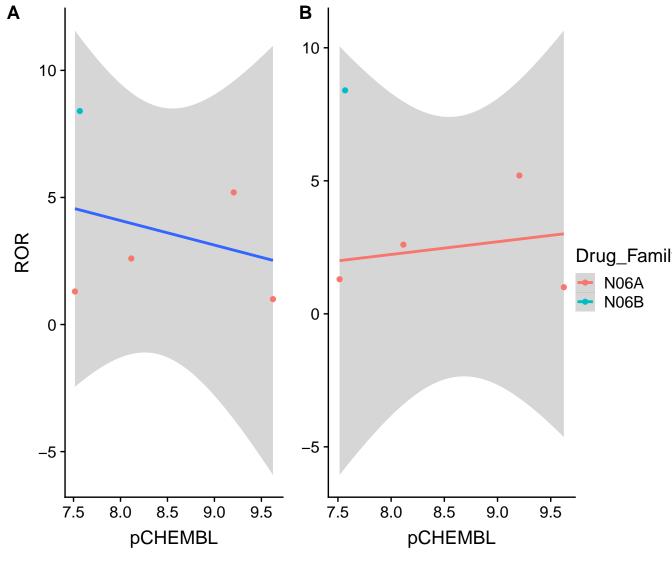
Intercept: 6.23 Slope: -0.57 SE: 0.48 p-value: 0.302295

school refusal ~ Norepinephrine transporter [ Antagonist ]



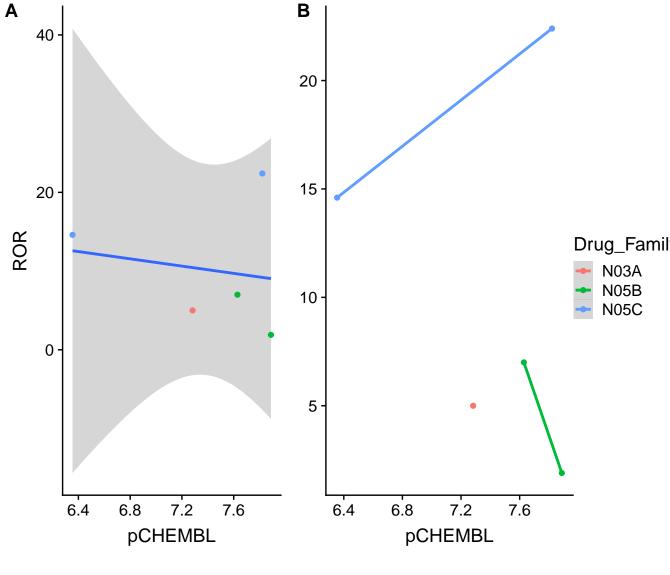
Intercept: -15.72 Slope: 3.02 SE: 1.97 p-value: 0.26512

school refusal ~ Serotonin transporter [ Antagonist ]



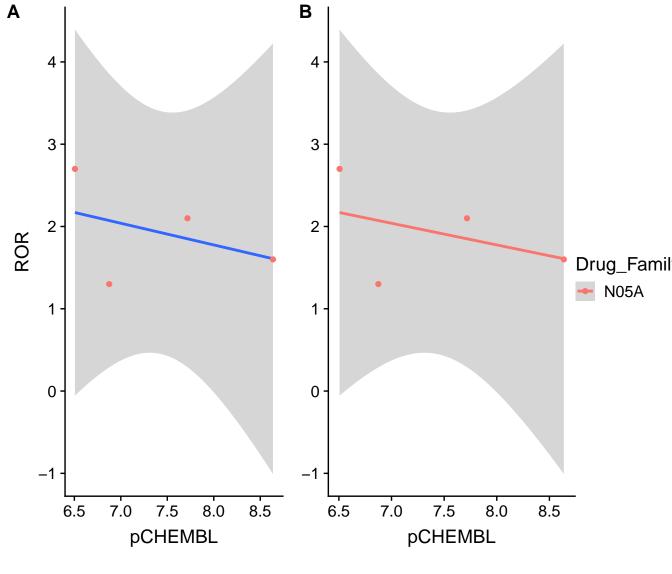
Intercept: 11.81 Slope: -0.96 SE: 1.78 p-value: 0.625282





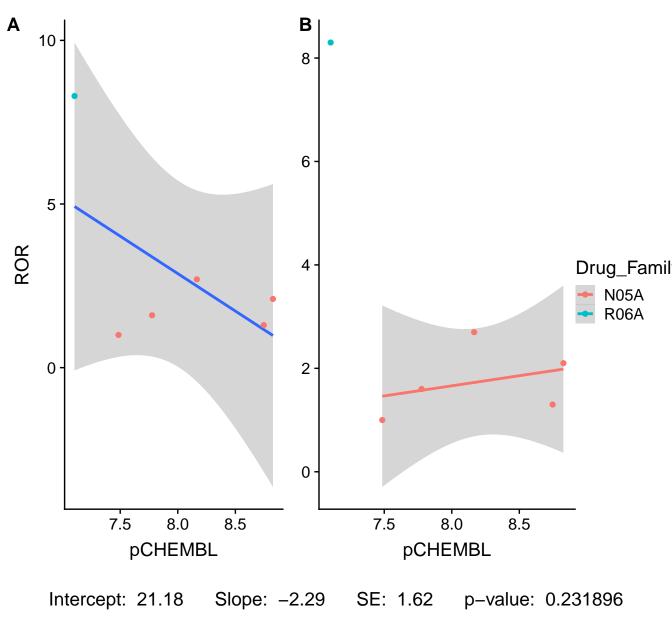
Intercept: 27.26 Slope: -2.31 SE: 7.5 p-value: 0.778429

#### sexual abuse ~ Dopamine D2 receptor [ Antagonist ]

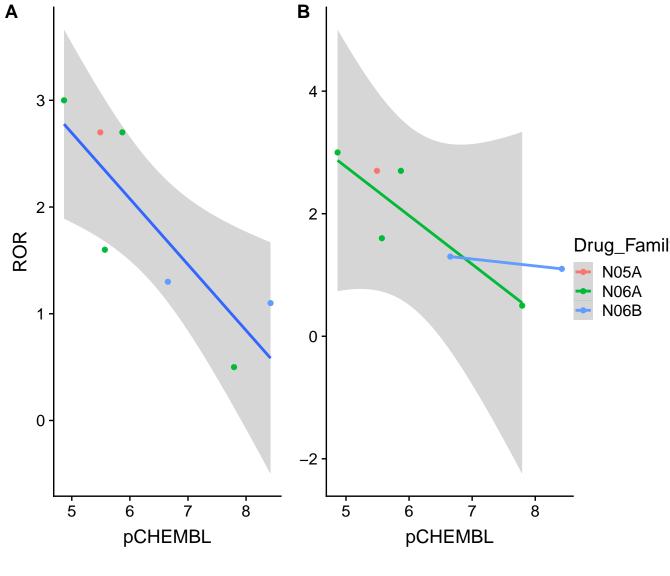


Intercept: 3.88 Slope: -0.26 SE: 0.42 p-value: 0.592554

sexual abuse ~ Histamine H1 receptor [ Antagonist ]

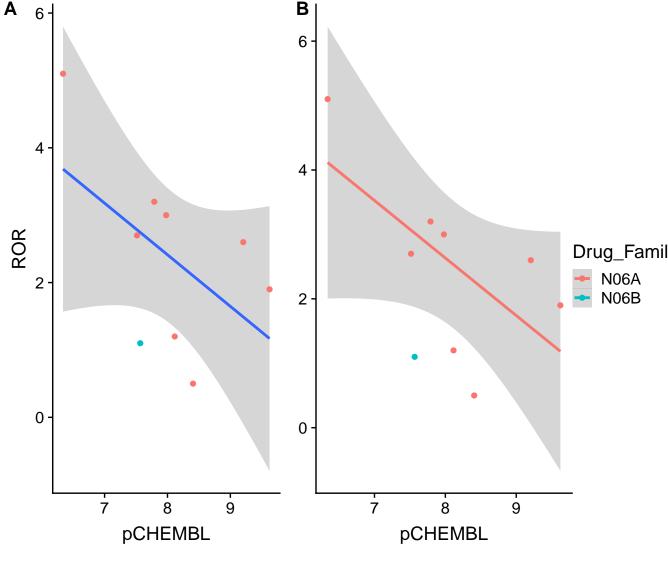


#### sexual abuse ~ Norepinephrine transporter [ Antagonist ]



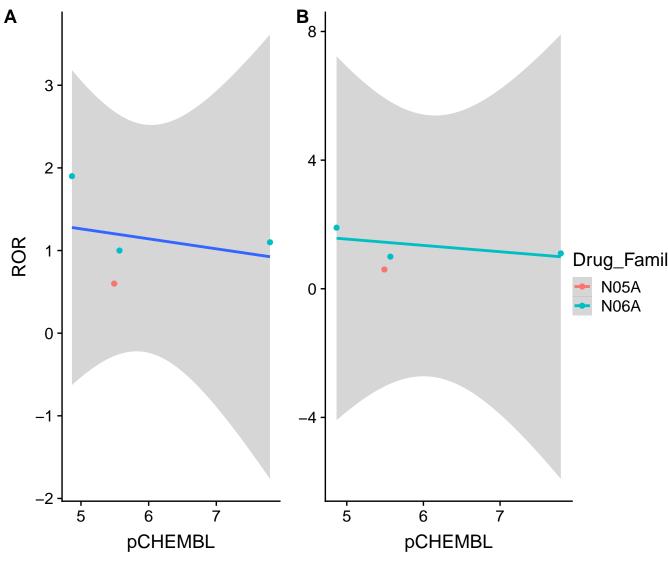
Intercept: 5.78 Slope: -0.62 SE: 0.18 p-value: 0.017914

sexual abuse ~ Serotonin transporter [ Antagonist ]

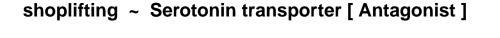


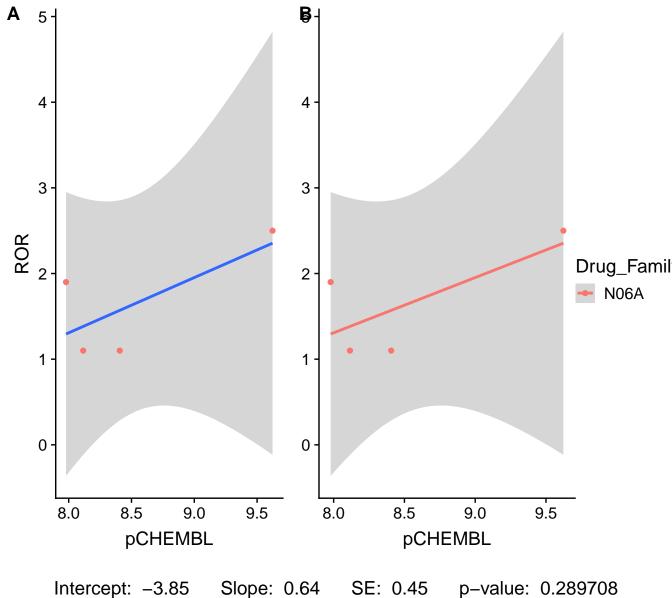
Intercept: 8.54 Slope: -0.77 SE: 0.46 p-value: 0.13963

shoplifting ~ Norepinephrine transporter [ Antagonist ]

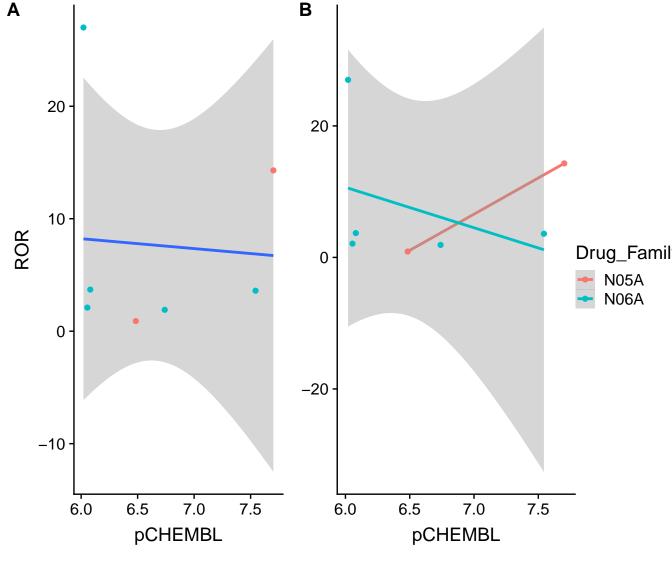


Intercept: 1.87 Slope: -0.12 SE: 0.29 p-value: 0.715764



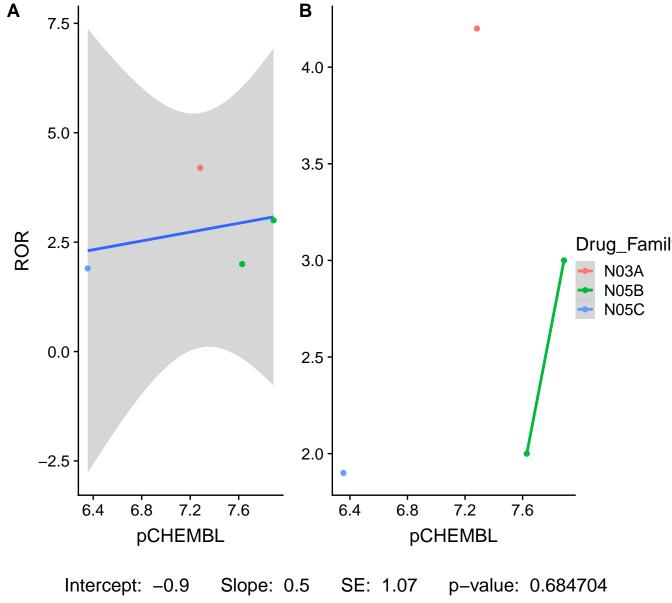


social anxiety disorder ~ Serotonin 5-HT2 receptor [ Antagonist ]



Intercept: 13.51 Slope: -0.88 SE: 6.08 p-value: 0.890511

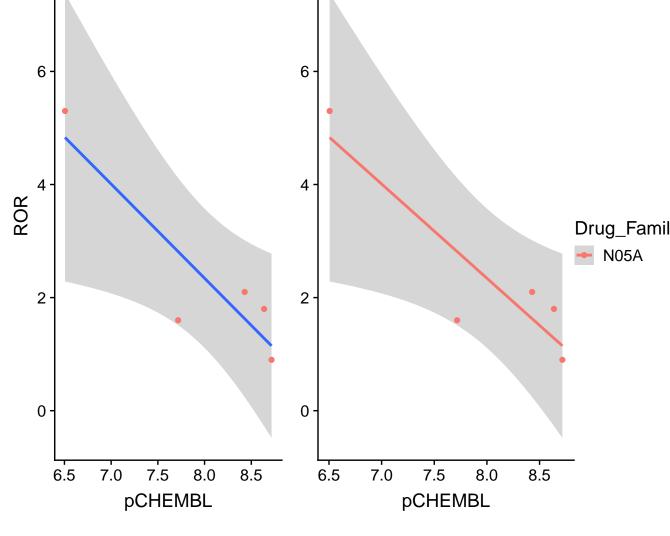






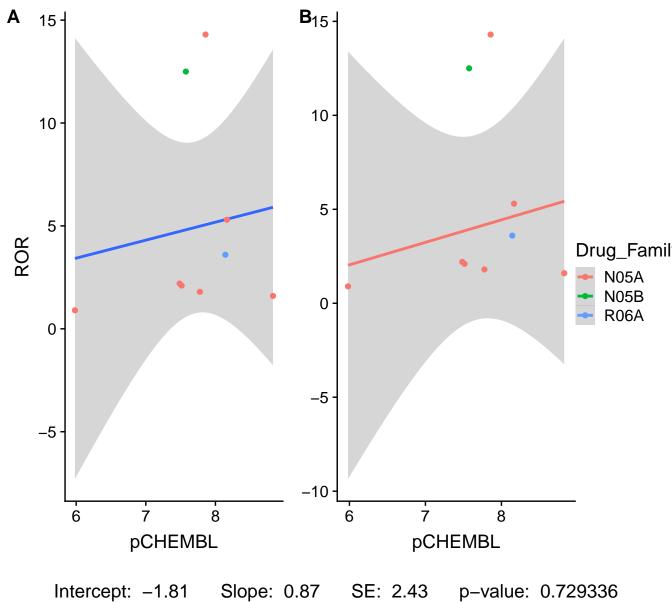
Α

social anxiety disorder ~ Dopamine D2 receptor [ Antagonist ]

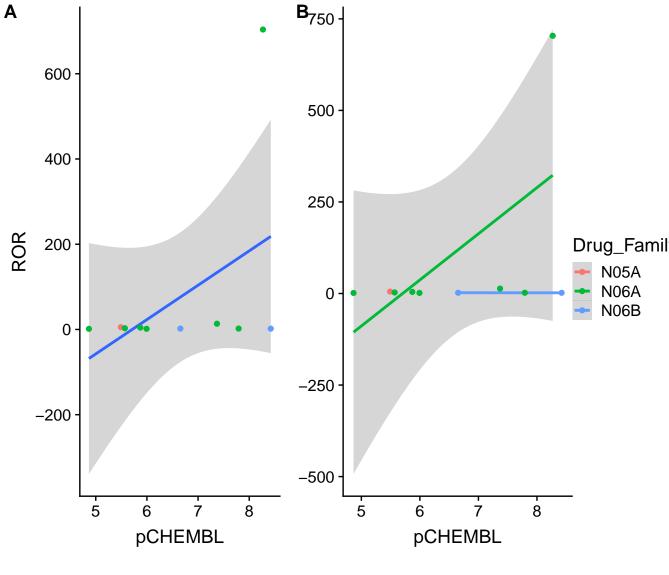


Intercept: 15.67 Slope: -1.67 SE: 0.47 p-value: 0.037886

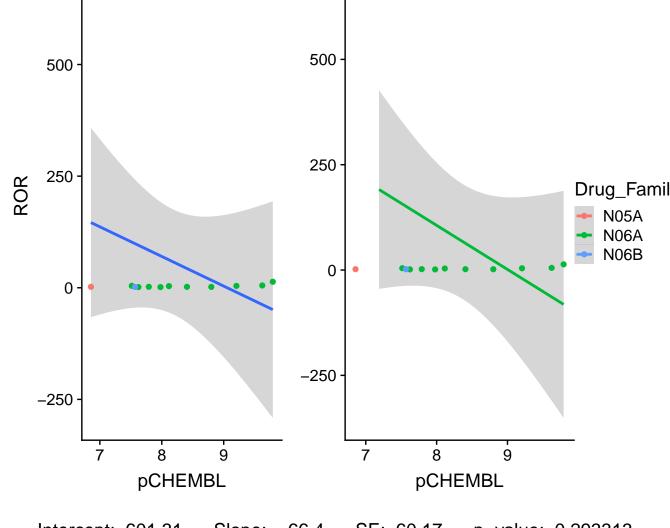
social anxiety disorder ~ Histamine H1 receptor [ Antagonist ]



### social anxiety disorder ~ Norepinephrine transporter [ Antagonist ]



Intercept: -460.41 Slope: 80.6 SE: 55.13 p-value: 0.181936



social anxiety disorder ~ Serotonin transporter [ Antagonist ]

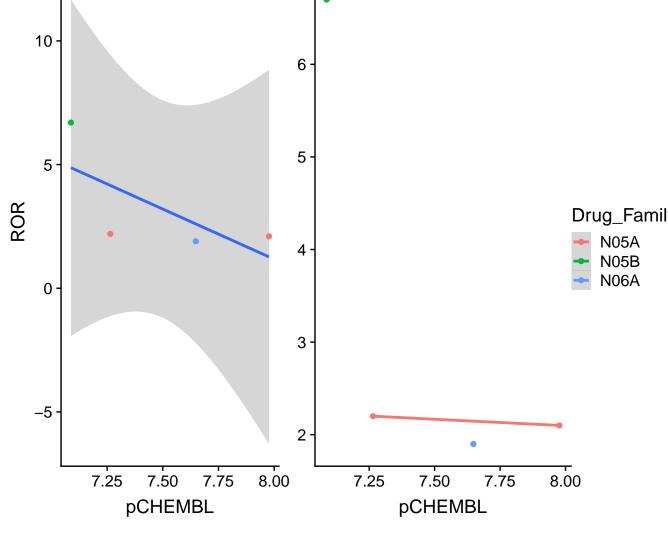
**B**750 ·

750 1

Slope: -66.4 SE: 60.17 Intercept: 601.31 p-value: 0.293313



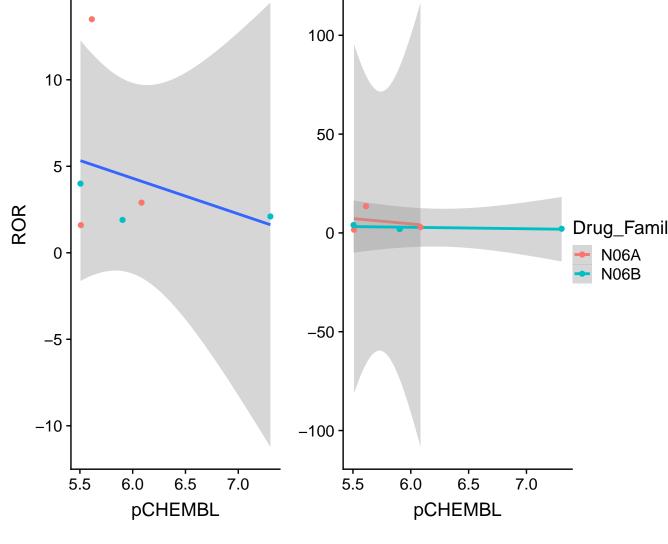
social anxiety disorder ~ Serotonin 5-HT1 receptor [ Partial Agonist ]



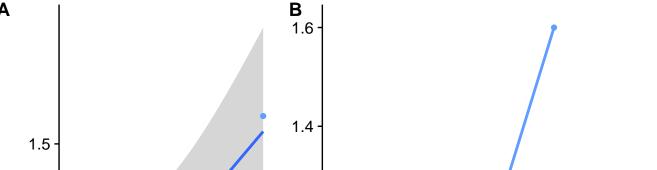
Intercept: 33.6 Slope: -4.05 SE: 2.96 p-value: 0.304891

15 - **B** 

social anxiety disorder ~ Dopamine transporter [ Antagonist ]

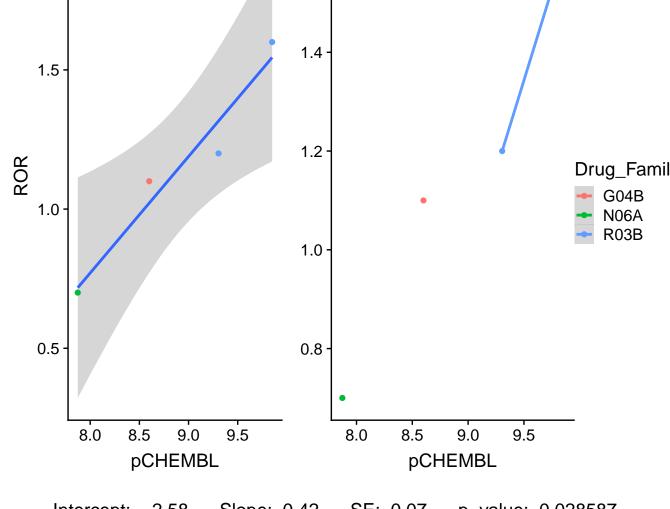


Intercept: 16.66 Slope: -2.06 SE: 3.17 p-value: 0.551659



social avoidant behaviour ~ Muscarinic M1 receptor [ Antagonist ]

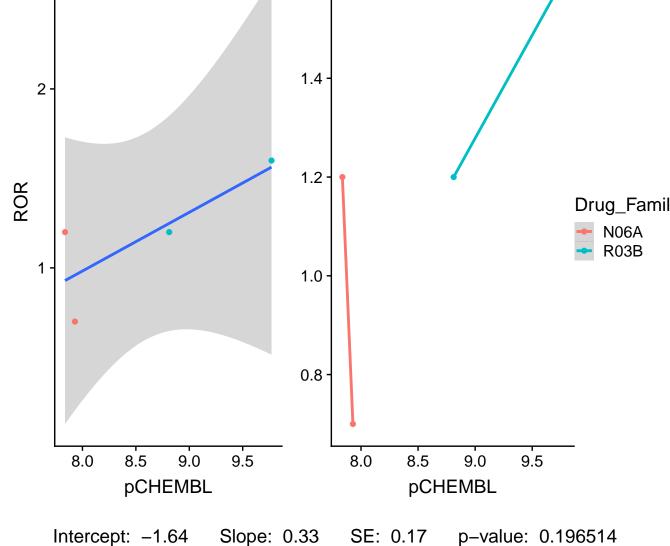
Α

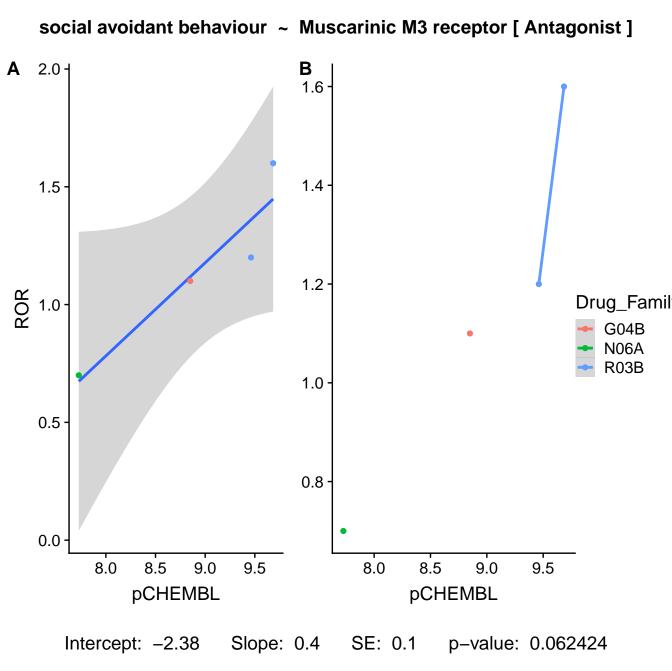


Intercept: -2.58 Slope: 0.42 SE: 0.07 p-value: 0.028587 social avoidant behaviour ~ Muscarinic M2 receptor [ Antagonist ]

A

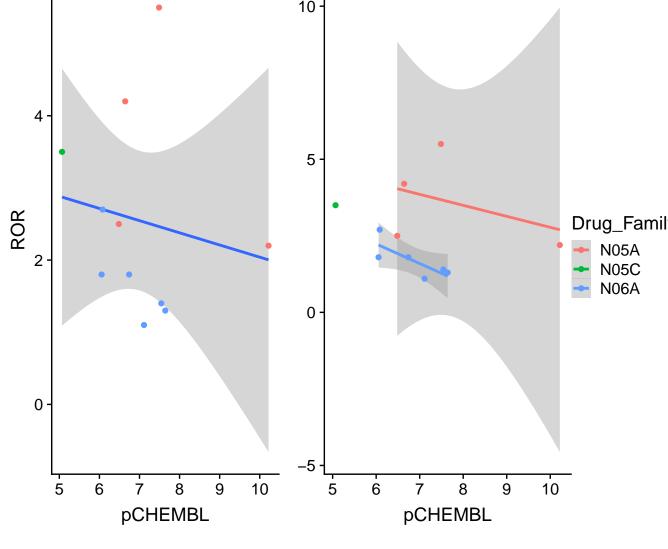
B
1.6





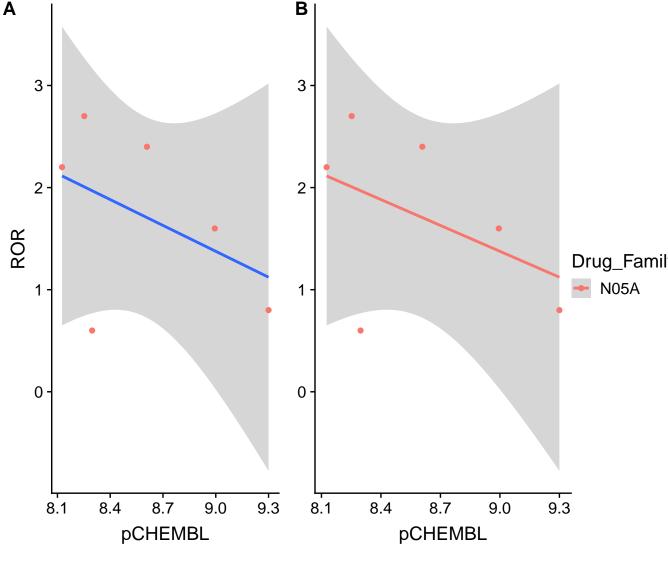
### **B** 10 -

social avoidant behaviour ~ Serotonin 5-HT2 receptor [ Antagonist ]

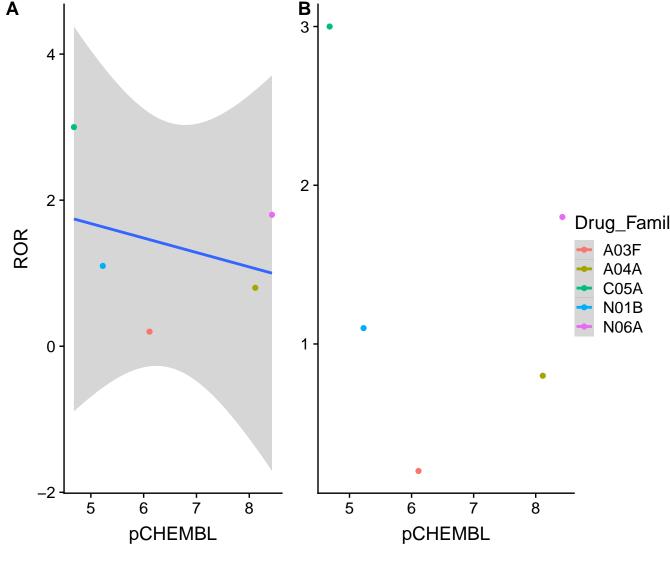


Intercept: 3.73 Slope: -0.17 SE: 0.34 p-value: 0.63287

# social avoidant behaviour ~ Serotonin 5-HT2 receptor [ Inverse Agonist ] A | B|



Intercept: 8.98 Slope: -0.84 SE: 0.83 p-value: 0.367198

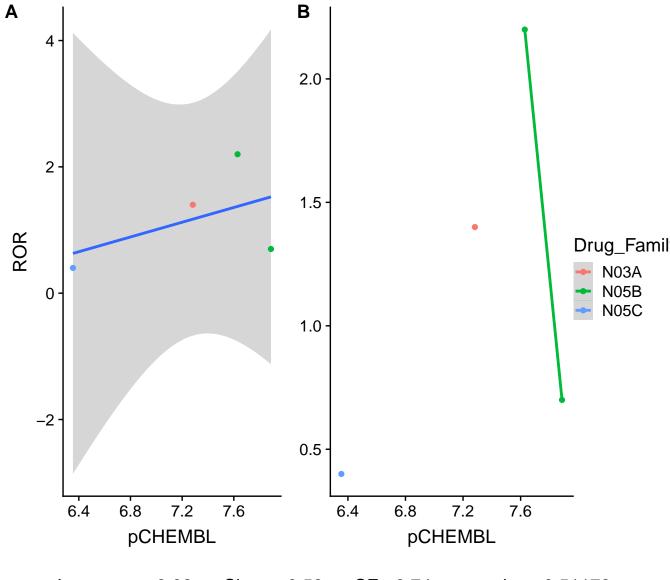


social avoidant behaviour ~ Serotonin 5-HT3 receptor [ Antagonist ]

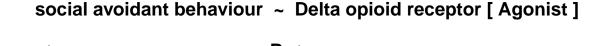
Α

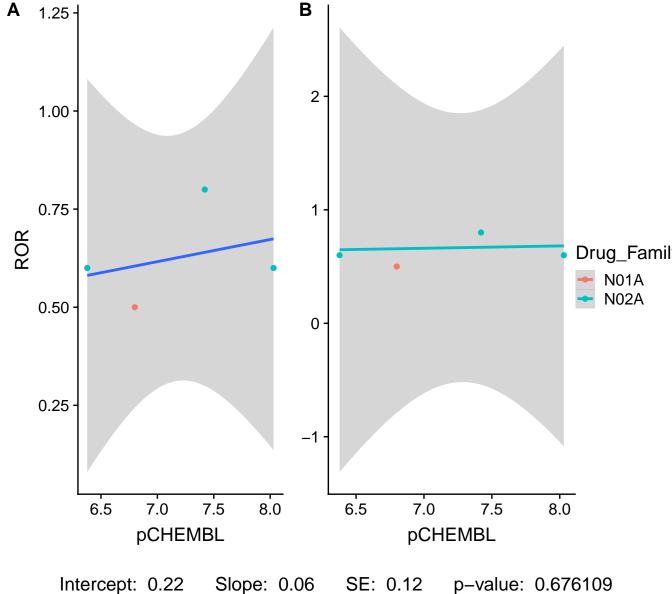
Slope: -0.2 SE: 0.35 Intercept: 2.67 p-value: 0.609915



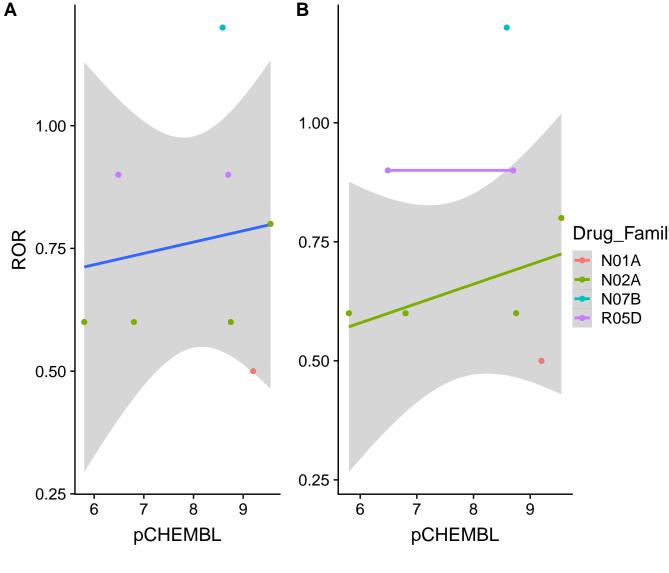


Intercept: -3.08 Slope: 0.58 SE: 0.74 p-value: 0.51179



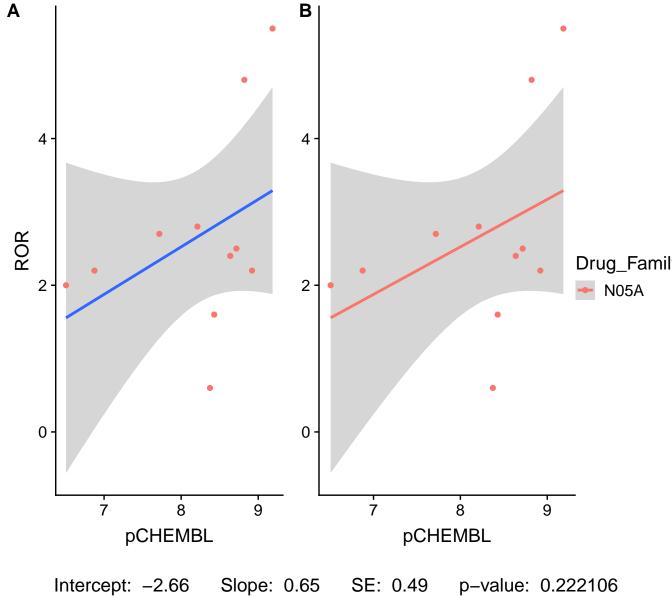




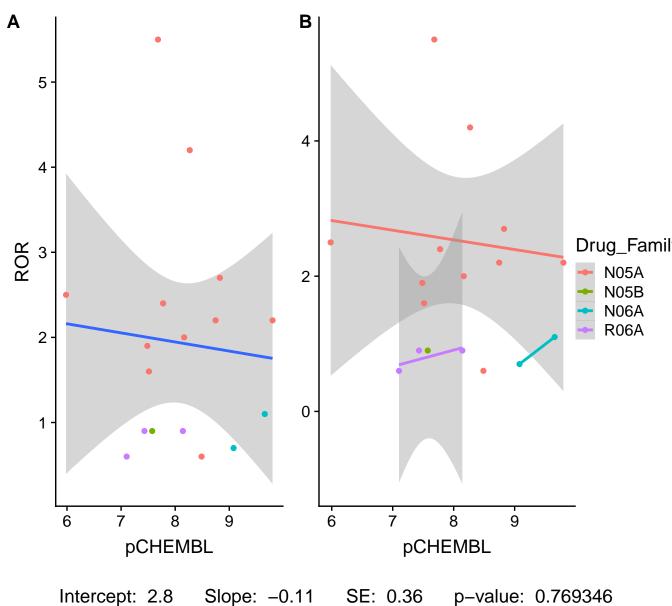


Intercept: 0.58 Slope: 0.02 SE: 0.07 p-value: 0.742542



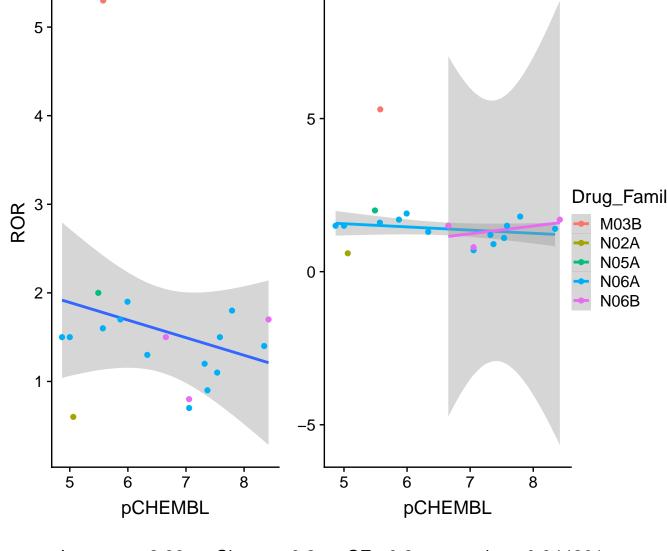


social avoidant behaviour ~ Histamine H1 receptor [ Antagonist ]



## A B B

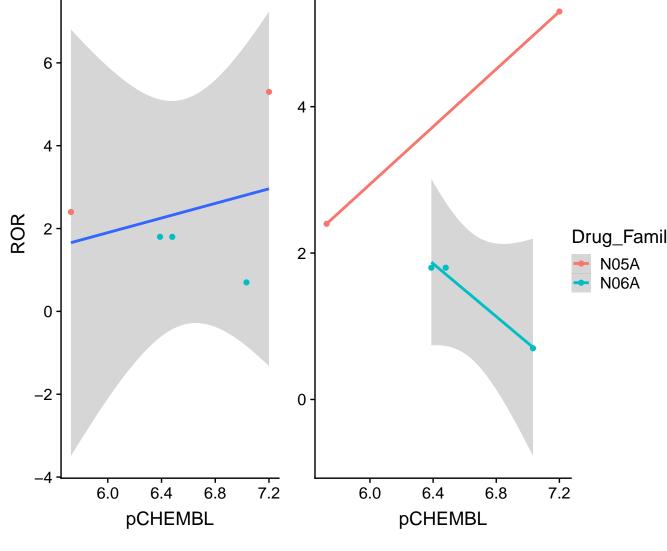
social avoidant behaviour ~ Norepinephrine transporter [ Antagonist ]



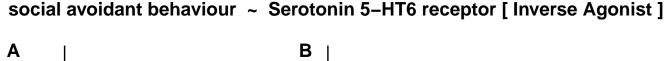
Intercept: 2.88 Slope: -0.2 SE: 0.2 p-value: 0.344201

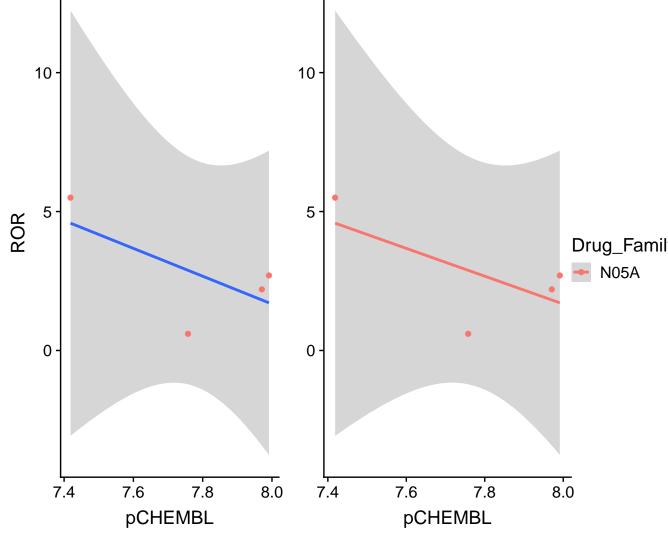
Α В

social avoidant behaviour ~ Serotonin 5-HT6 receptor [ Antagonist ]



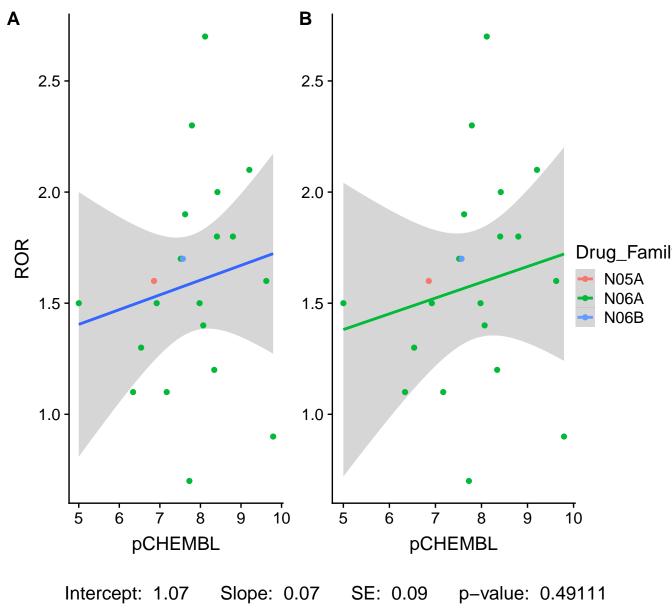
SE: 1.64 Intercept: -3.39 Slope: 0.88 p-value: 0.627283



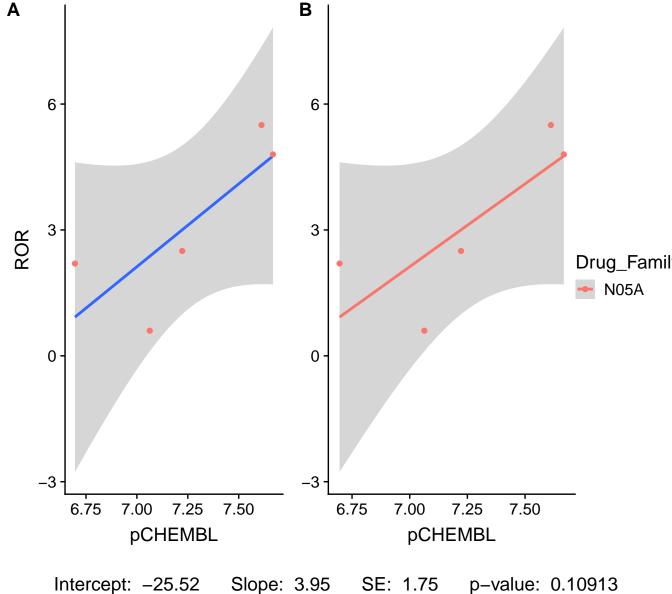


Intercept: 41.71 Slope: -5 SE: 4.11 p-value: 0.347743

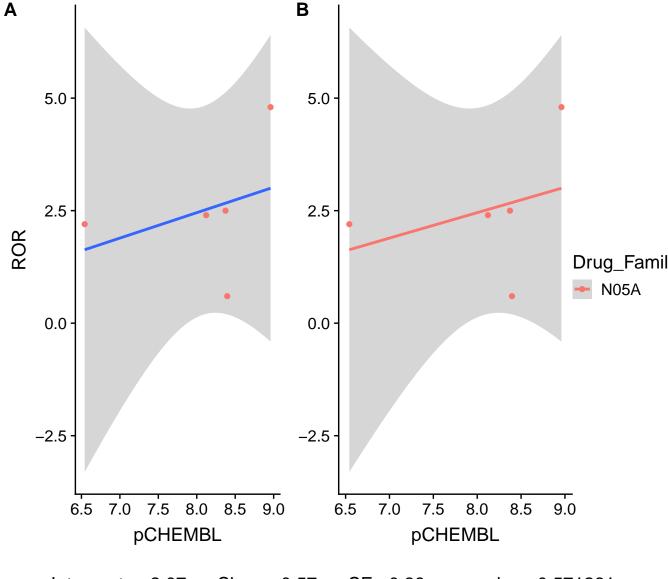
# social avoidant behaviour ~ Serotonin transporter [ Antagonist ]



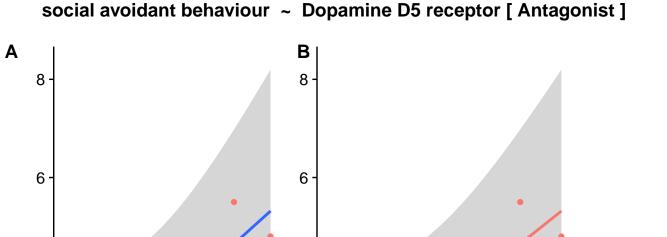


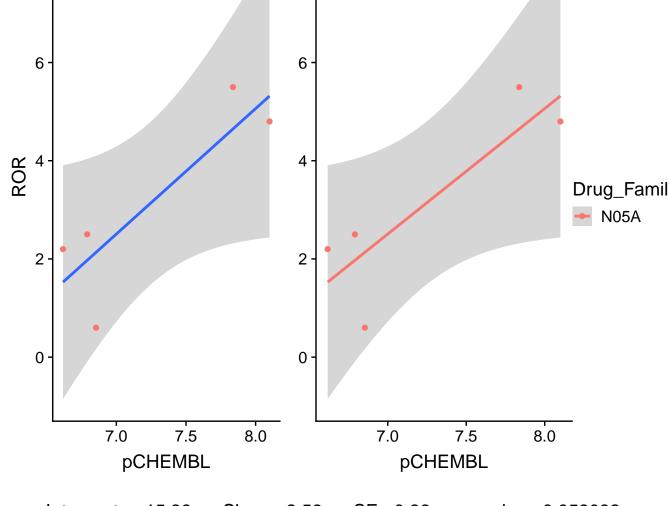




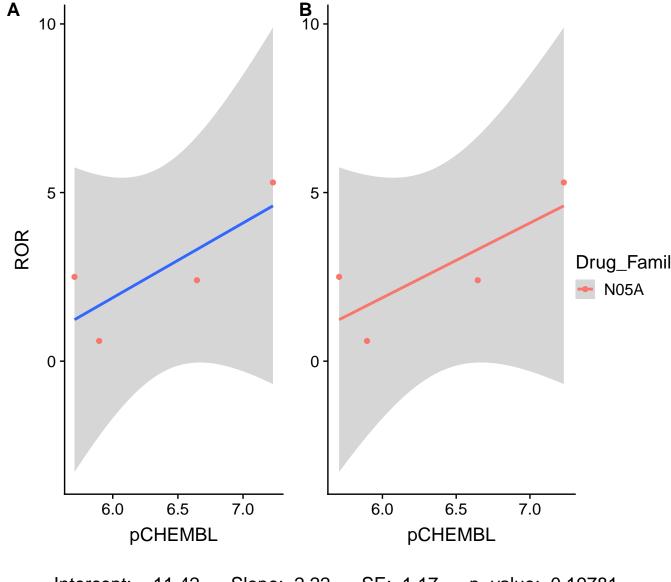


Intercept: -2.07 Slope: 0.57 SE: 0.89 p-value: 0.571261





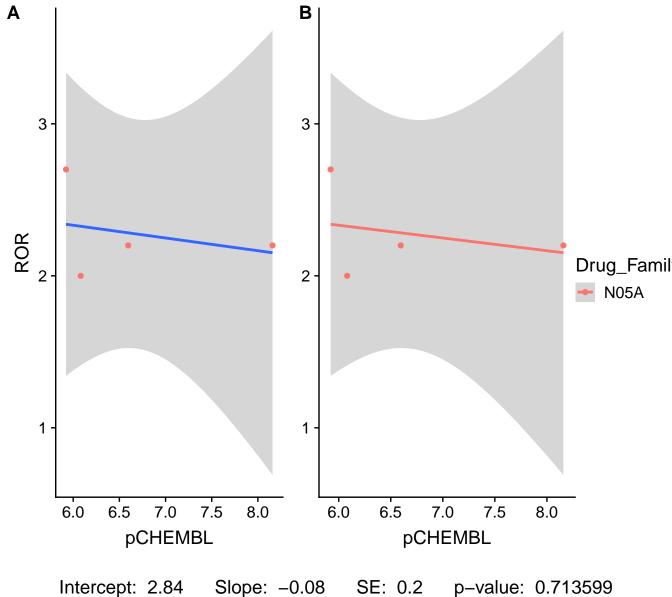
Intercept: -15.38 SE: 0.86 Slope: 2.56 p-value: 0.059082

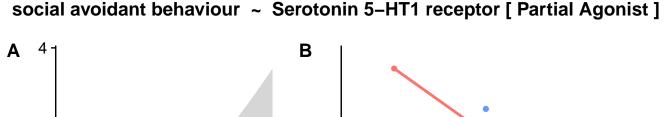


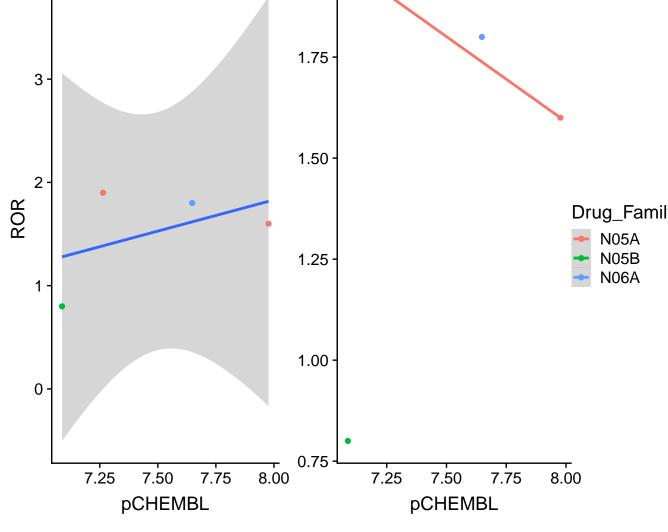
social avoidant behaviour ~ Serotonin 5-HT1 receptor [ Antagonist ]

Intercept: -11.42 Slope: 2.22 SE: 1.17 p-value: 0.19781



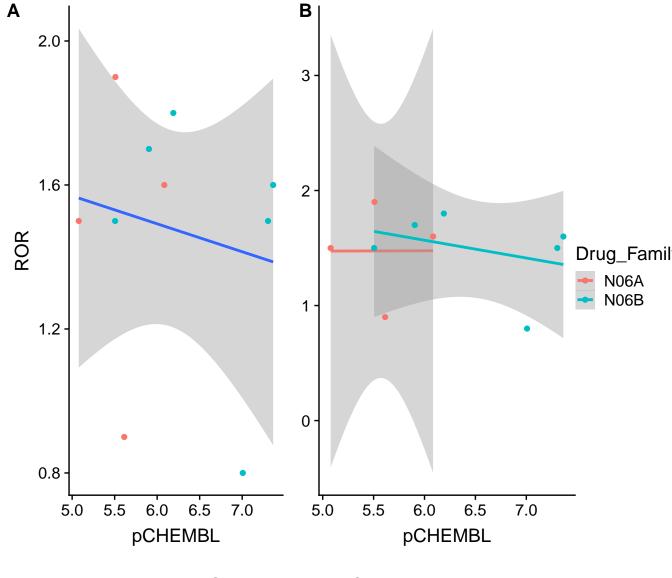






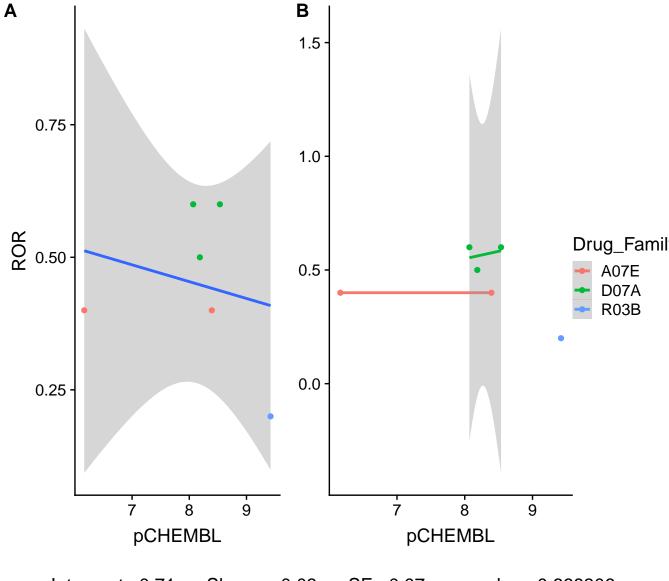
Intercept: -3.01 Slope: 0.6 SE: 0.78 p-value: 0.517866

## social avoidant behaviour ~ Dopamine transporter [ Antagonist ]

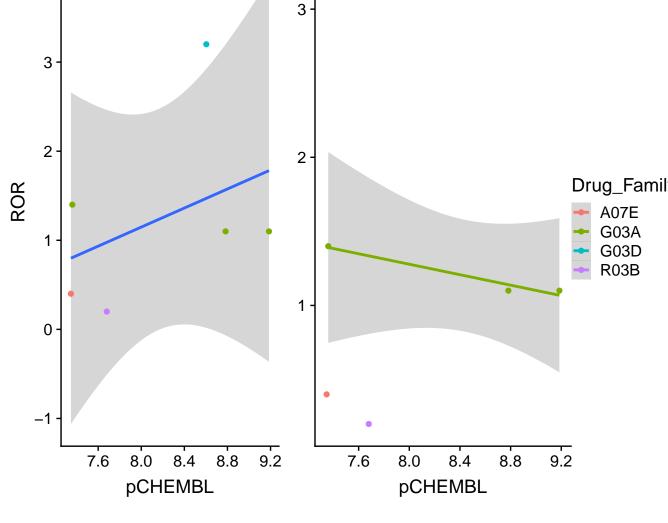


Intercept: 1.96 Slope: -0.08 SE: 0.15 p-value: 0.629182





Intercept: 0.71 Slope: -0.03 SE: 0.07 p-value: 0.668306

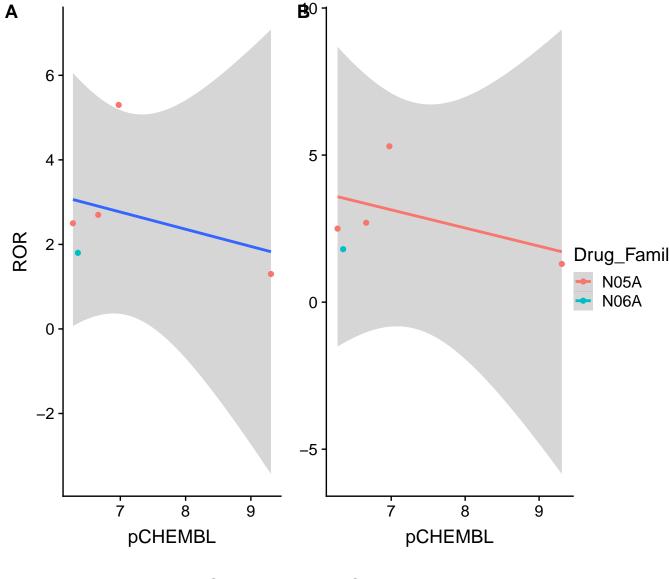


social avoidant behaviour ~ Progesterone receptor [ Agonist ]

В

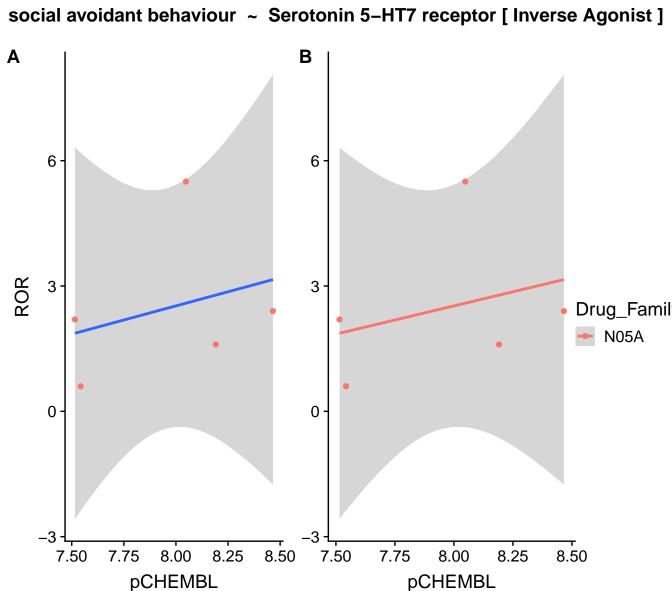
4 -

Intercept: -3.13 Slope: 0.53 SE: 0.61 p-value: 0.433492



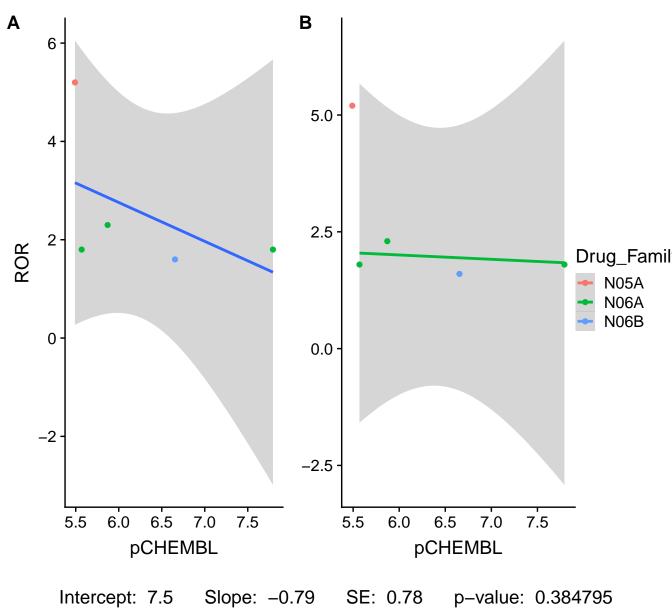
social avoidant behaviour ~ Serotonin 5-HT7 receptor [ Antagonist ]

Intercept: 5.62 Slope: -0.41 SE: 0.67 p-value: 0.586238

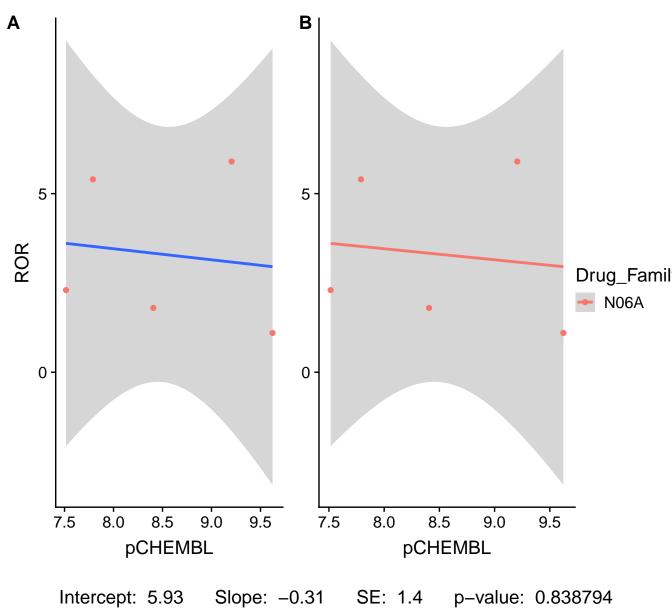


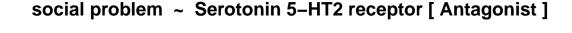
Intercept: -8.29 Slope: 1.35 SE: 2.44 p-value: 0.617777

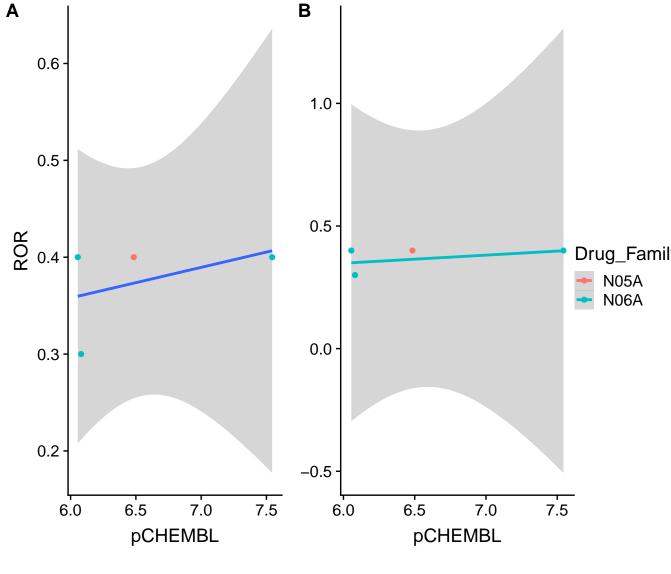
#### social fear ~ Norepinephrine transporter [ Antagonist ]



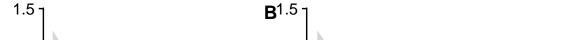
## social fear ~ Serotonin transporter [ Antagonist ]



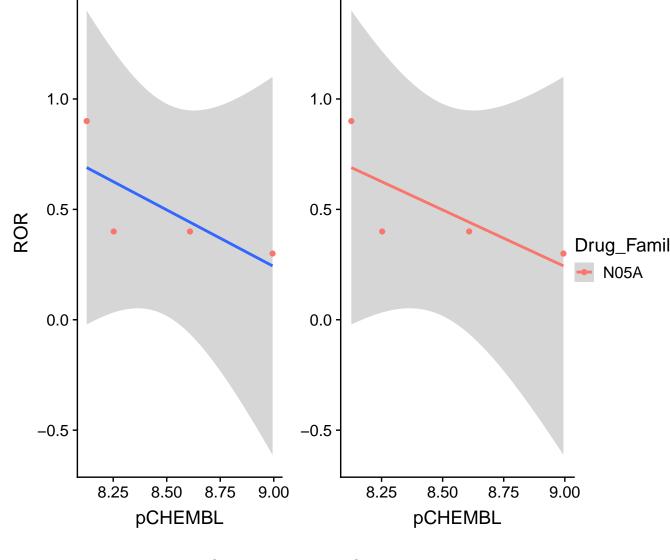




Intercept: 0.17 Slope: 0.03 SE: 0.05 p-value: 0.55984

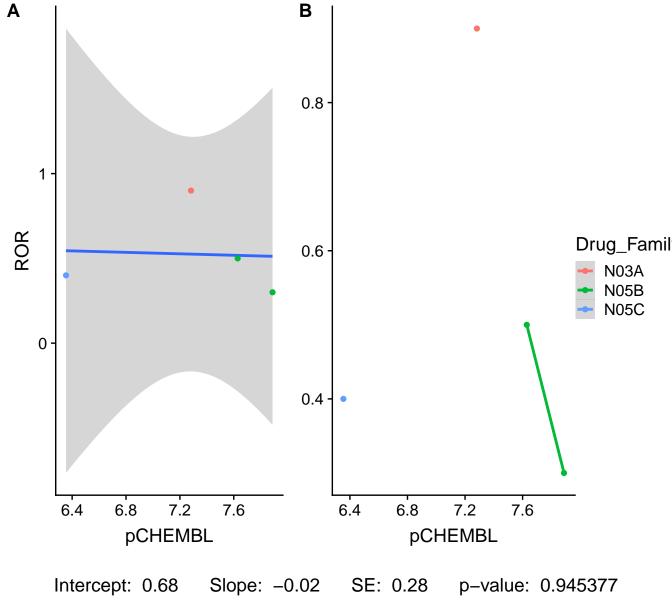


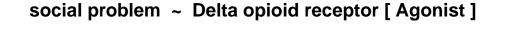
social problem ~ Serotonin 5-HT2 receptor [ Inverse Agonist ]

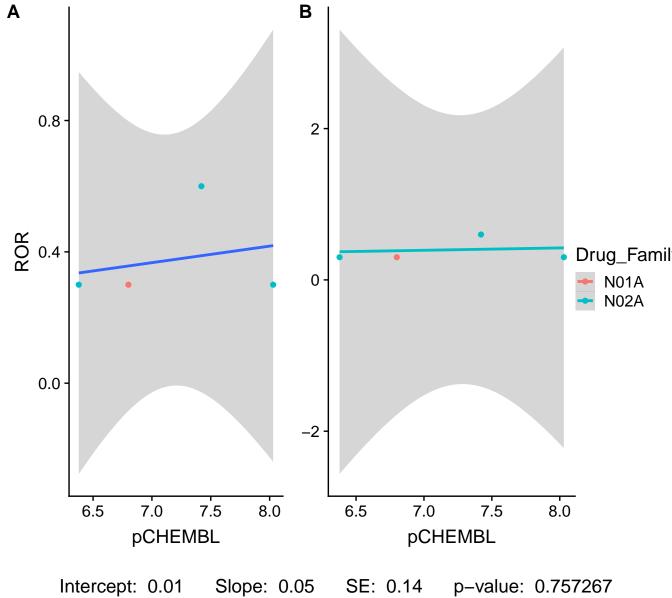


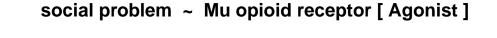
Intercept: 4.86 Slope: -0.51 SE: 0.33 p-value: 0.260526

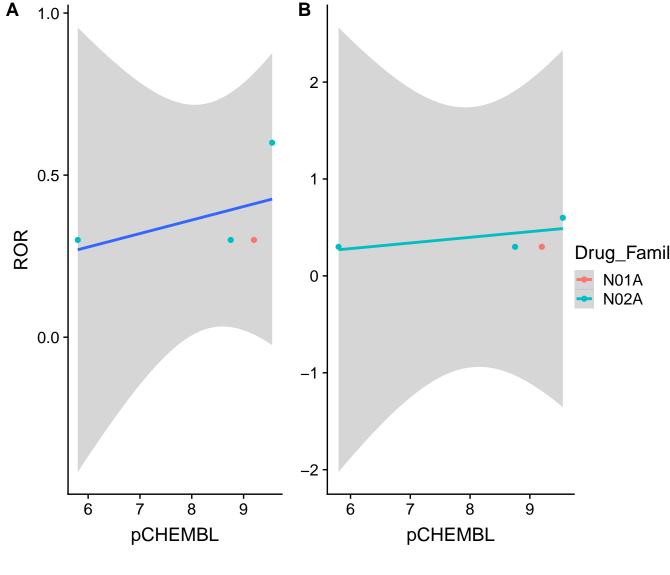






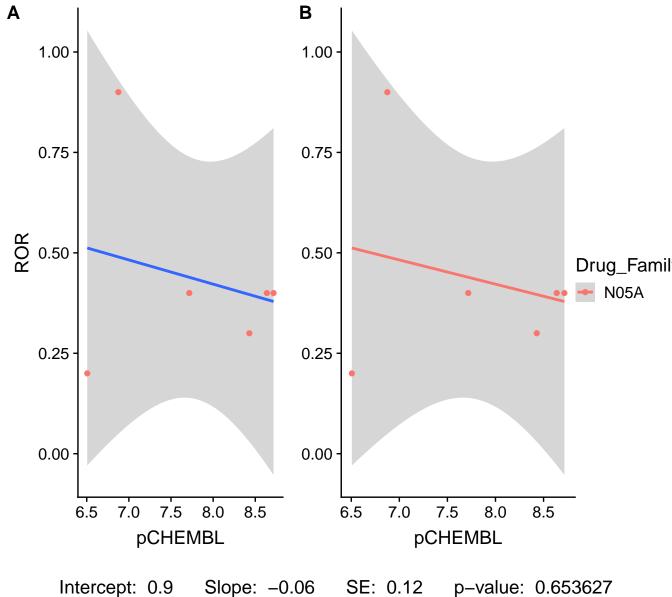




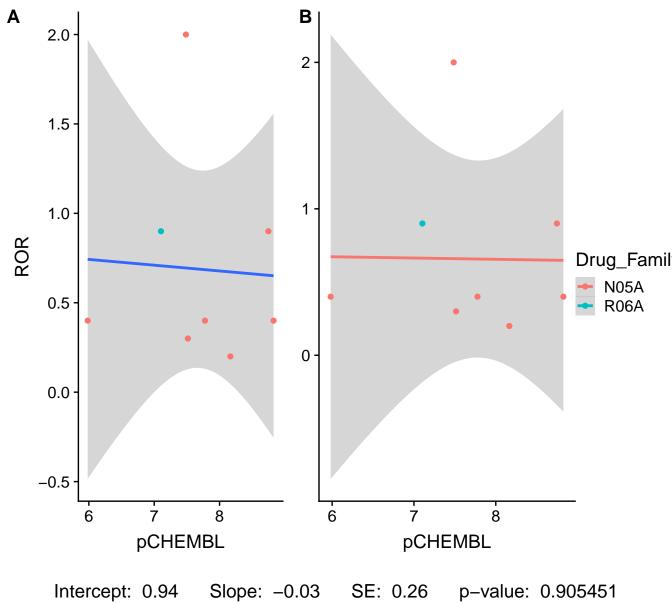


Intercept: 0.03 Slope: 0.04 SE: 0.05 p-value: 0.52374

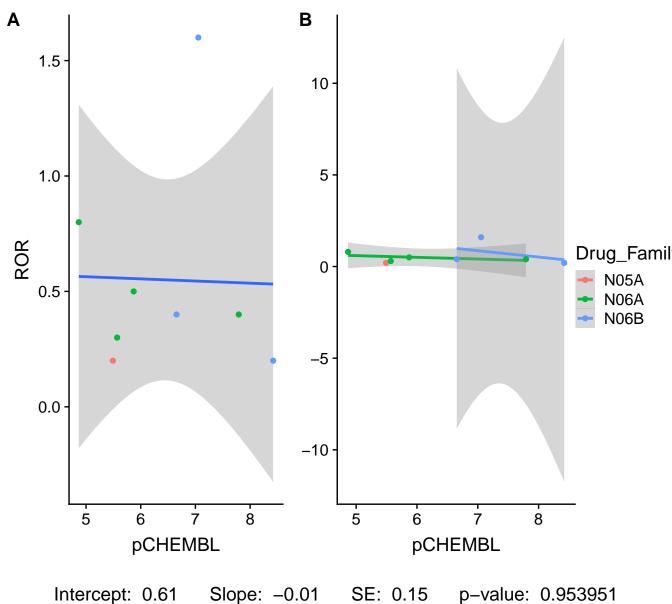




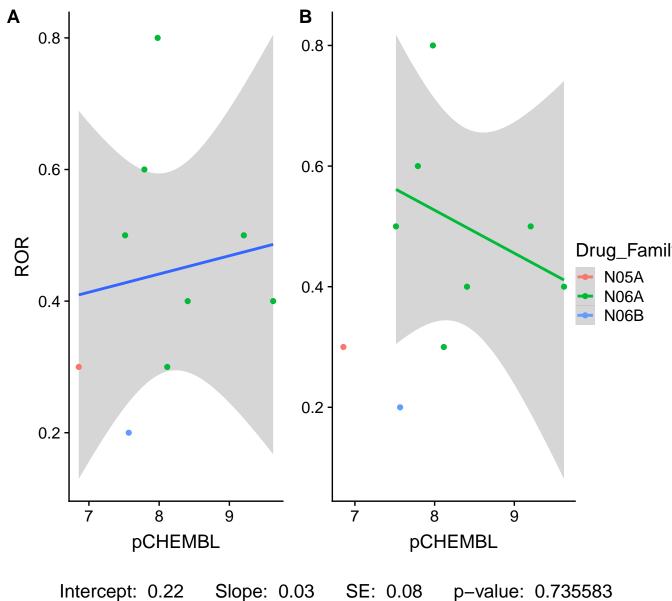




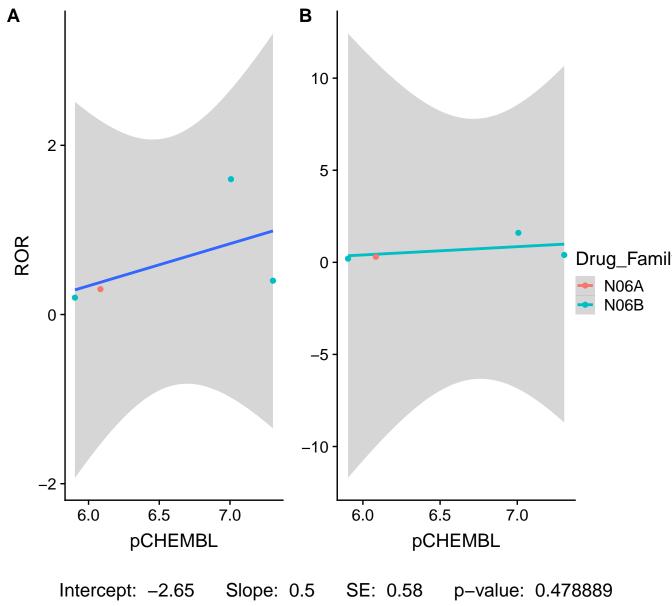




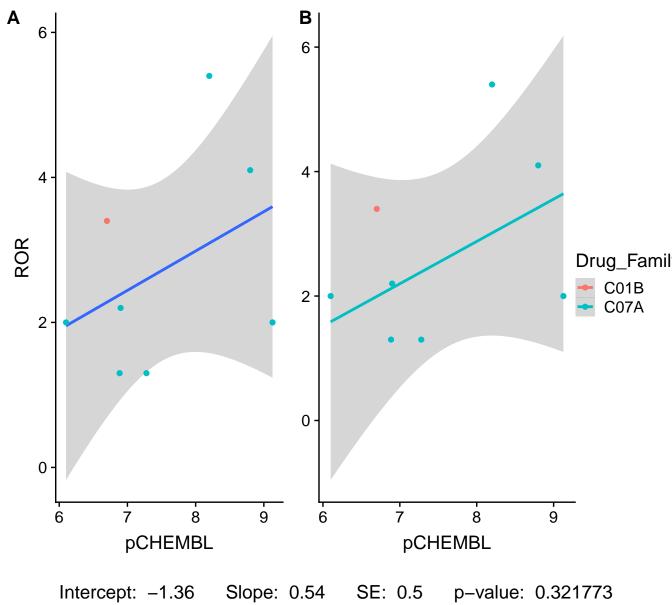




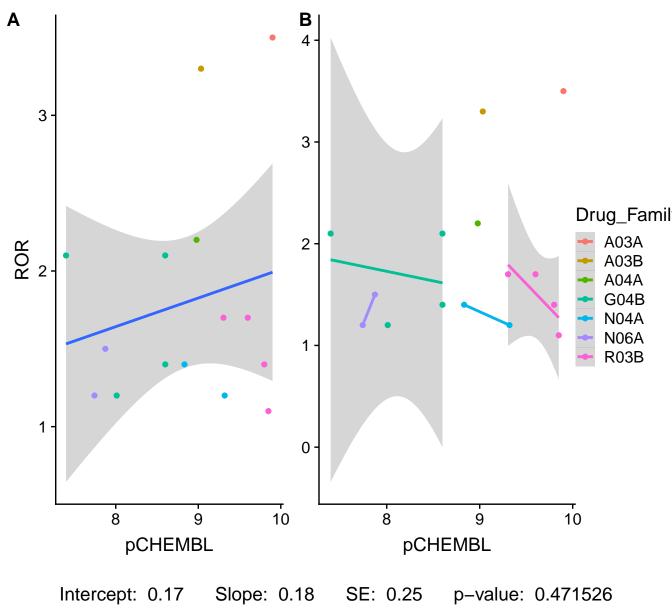




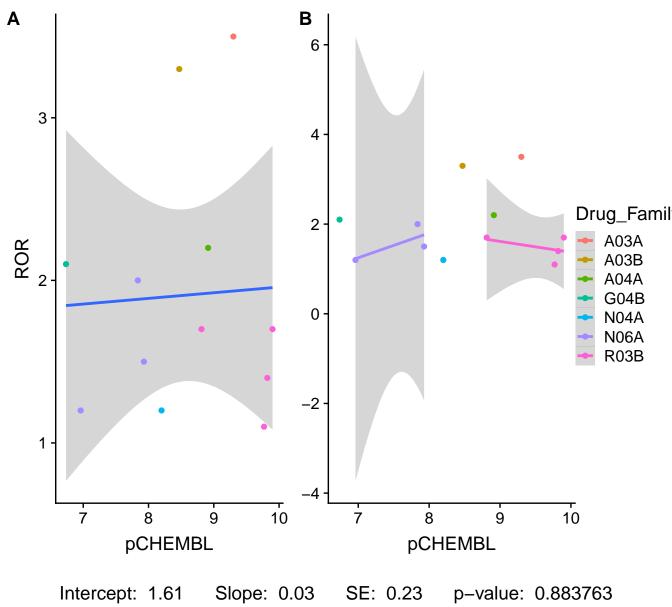
speech disorder ~ Adrenergic Beta1 receptor [ Antagonist ]



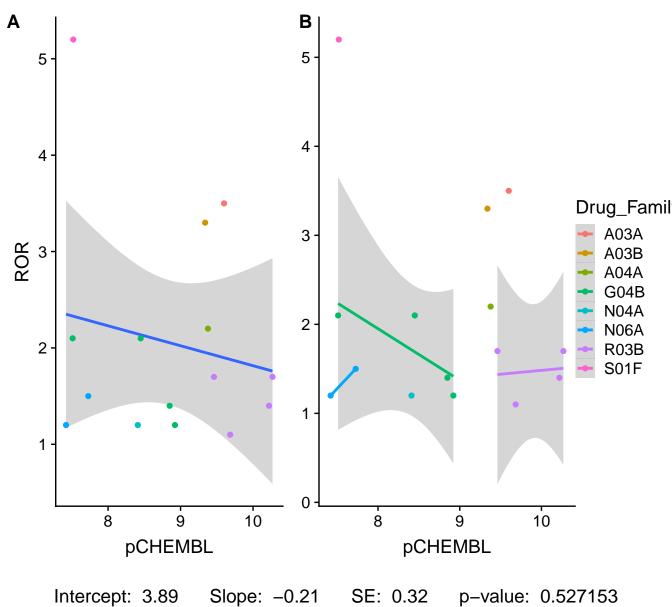




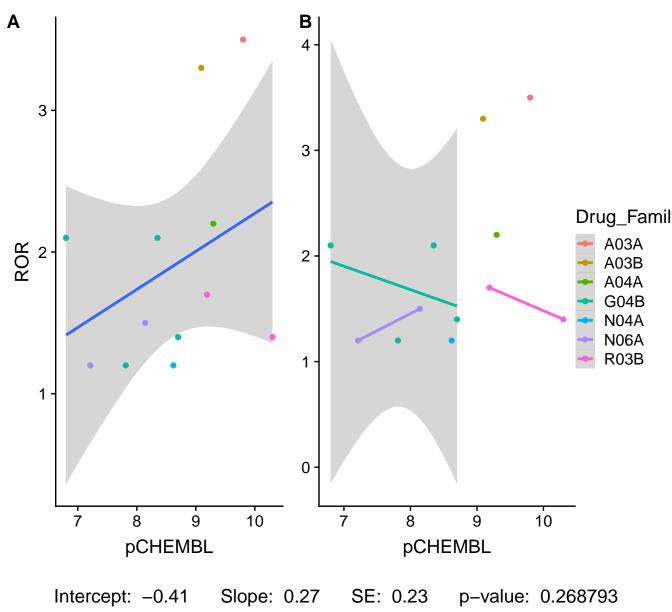




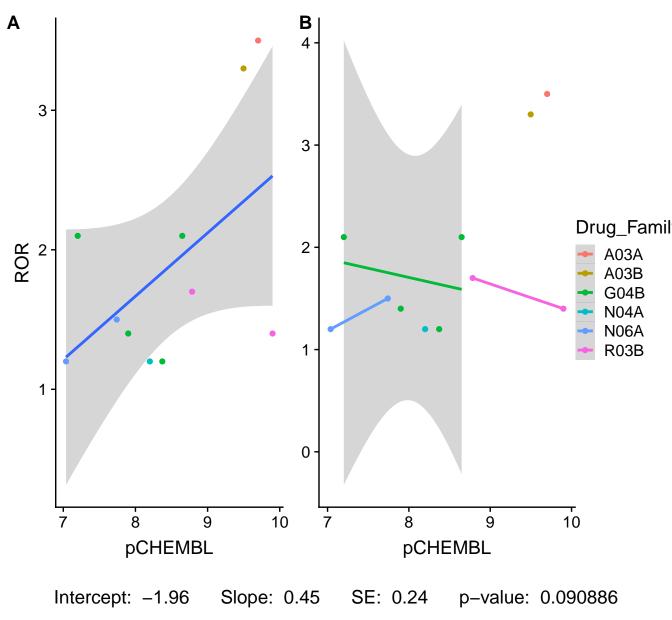
## speech disorder ~ Muscarinic M3 receptor [ Antagonist ]



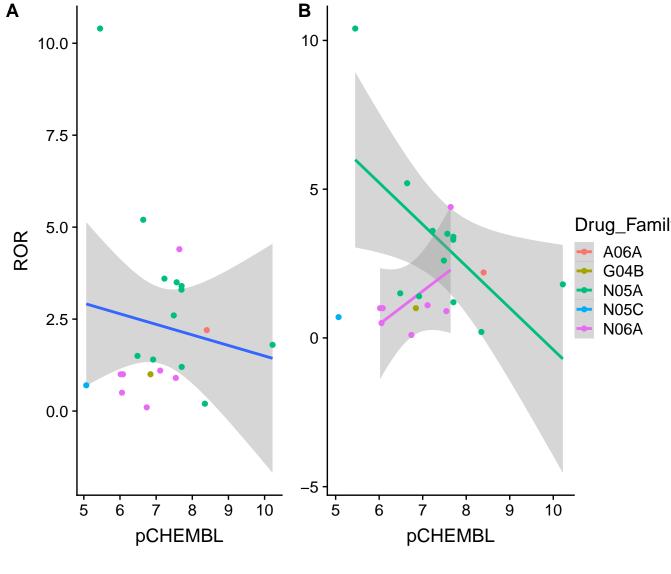
#### speech disorder ~ Muscarinic M4 receptor [ Antagonist ]







speech disorder ~ Serotonin 5-HT2 receptor [ Antagonist ]

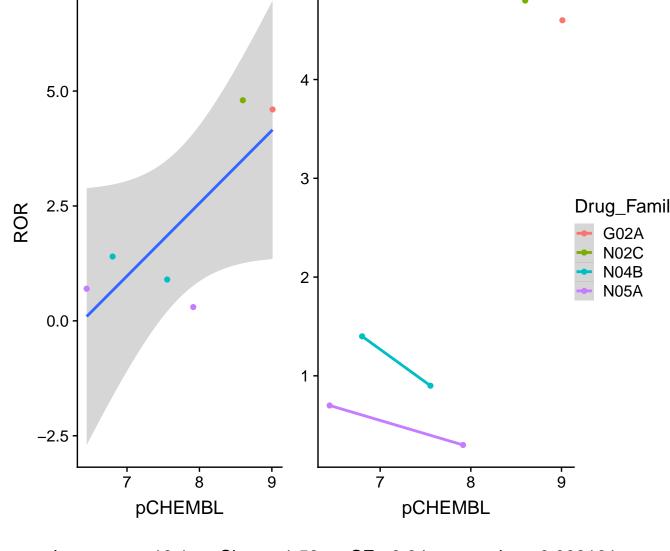


Intercept: 4.36 Slope: -0.29 SE: 0.46 p-value: 0.537504

**B** 1

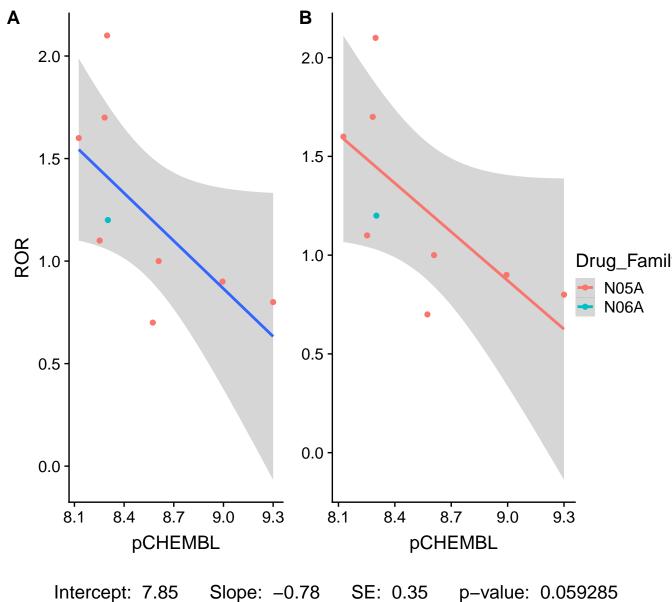
Α

speech disorder ~ Serotonin 5-HT2 receptor [ Partial Agonist ]



Intercept: -10.1 Slope: 1.58 SE: 0.64 p-value: 0.069161

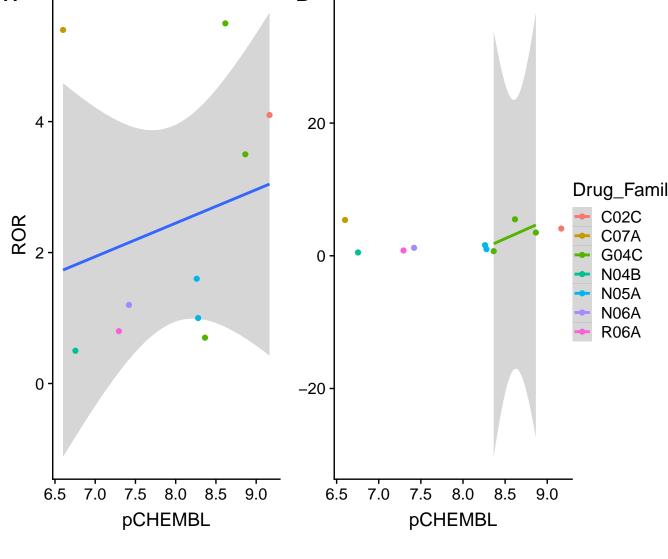
speech disorder ~ Serotonin 5-HT2 receptor [ Inverse Agonist ]



speech disorder ~ Adrenergic Alpha1 receptor [ Antagonist ]

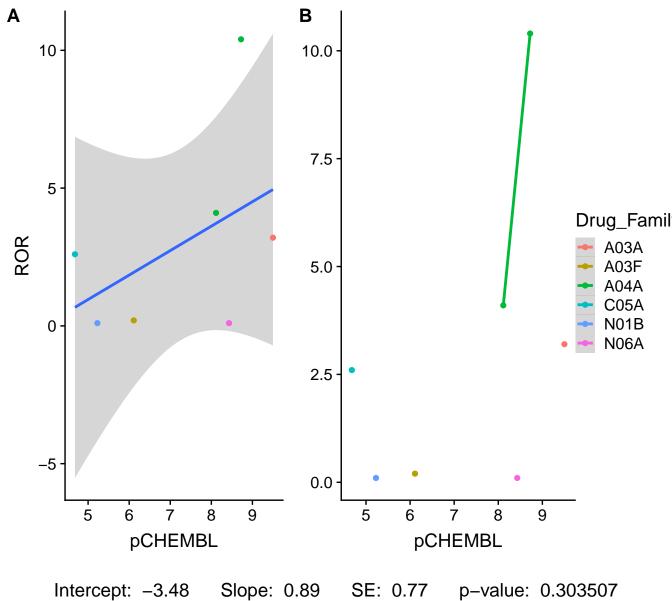
6 1

840 1

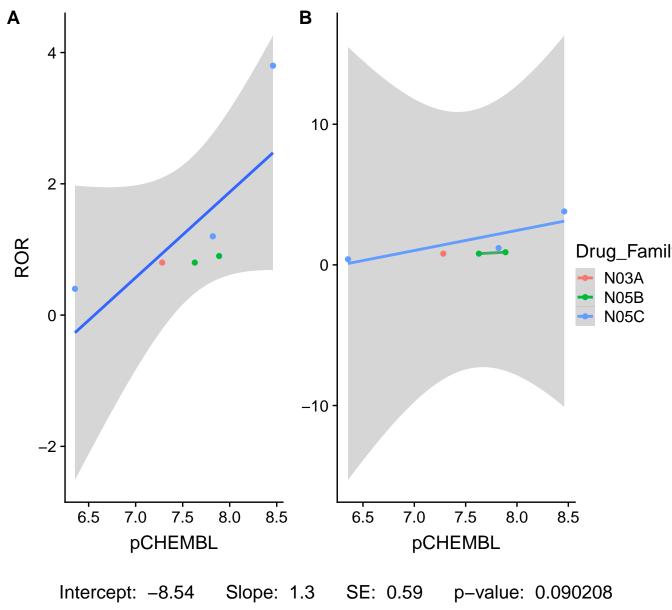


Intercept: -1.64 Slope: 0.51 SE: 0.77 p-value: 0.526706

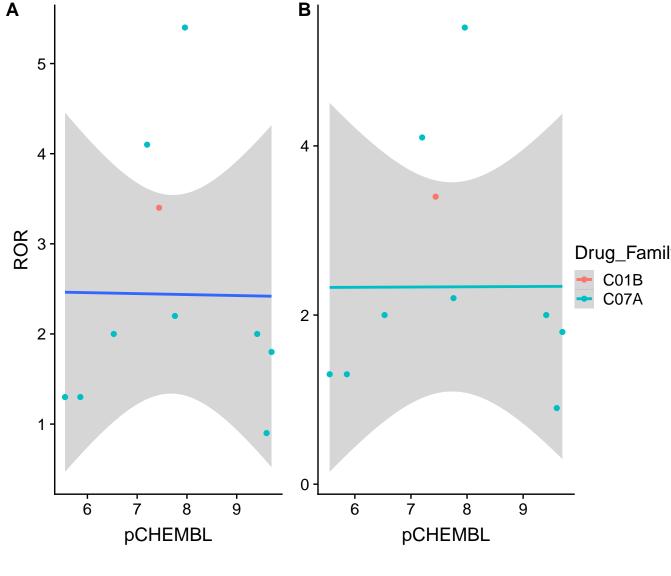
speech disorder ~ Serotonin 5-HT3 receptor [ Antagonist ]





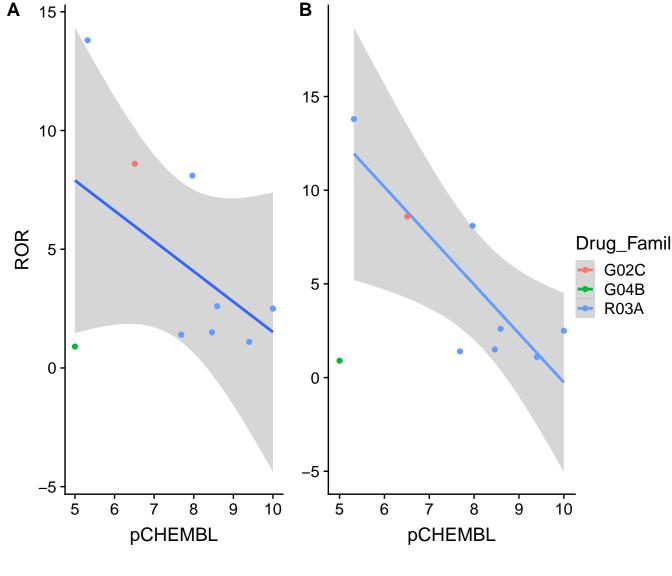


speech disorder ~ Adrenergic Beta2 receptor [ Antagonist ]



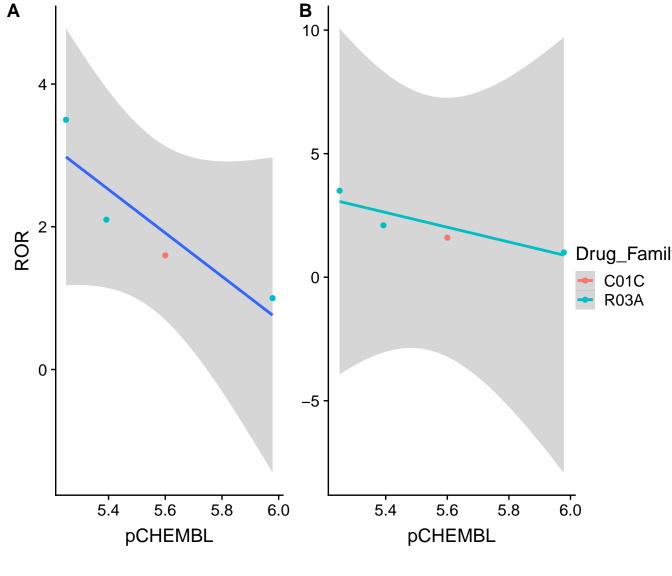
Intercept: 2.52 Slope: -0.01 SE: 0.34 p-value: 0.975315

speech disorder ~ Adrenergic Beta2 receptor [ Agonist ]



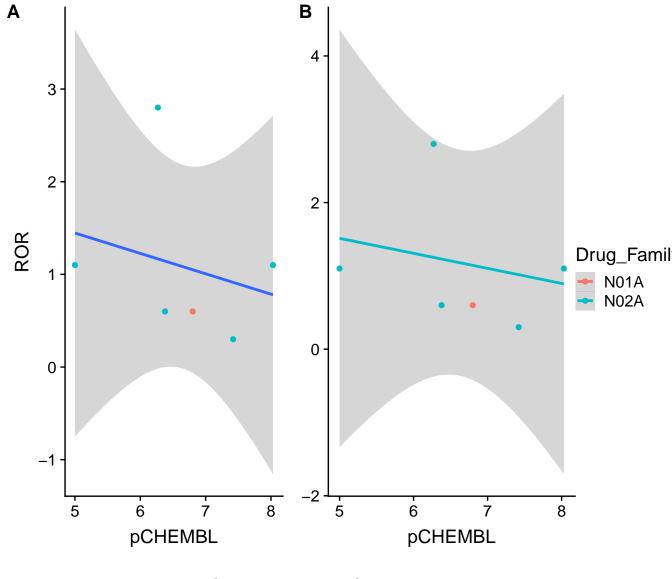
Intercept: 14.29 Slope: -1.28 SE: 0.87 p-value: 0.186423

speech disorder ~ Adrenergic Beta2 receptor [ Partial Agonist ]

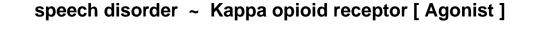


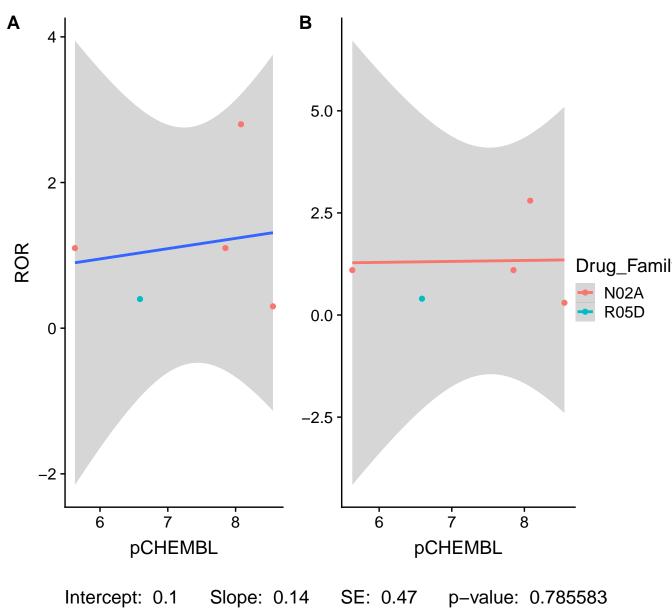
Intercept: 18.95 Slope: -3.04 SE: 1.02 p-value: 0.096284

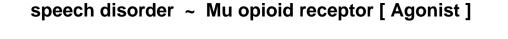
speech disorder ~ Delta opioid receptor [ Agonist ]

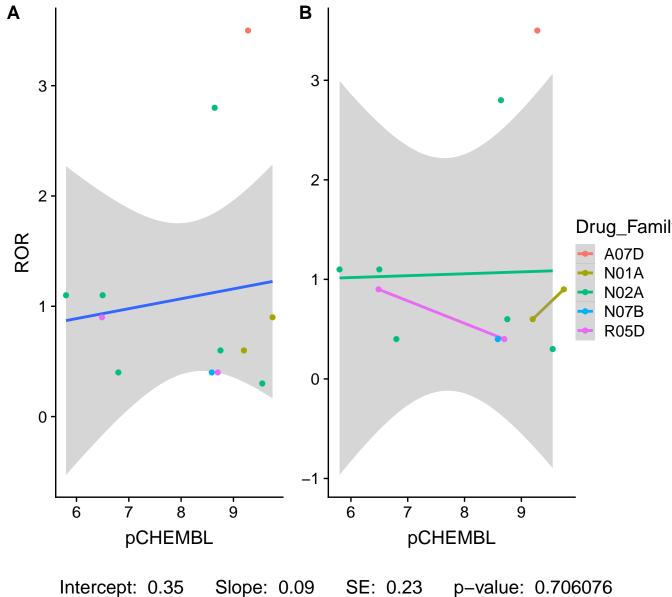


Intercept: 2.55 Slope: -0.22 SE: 0.42 p-value: 0.624292





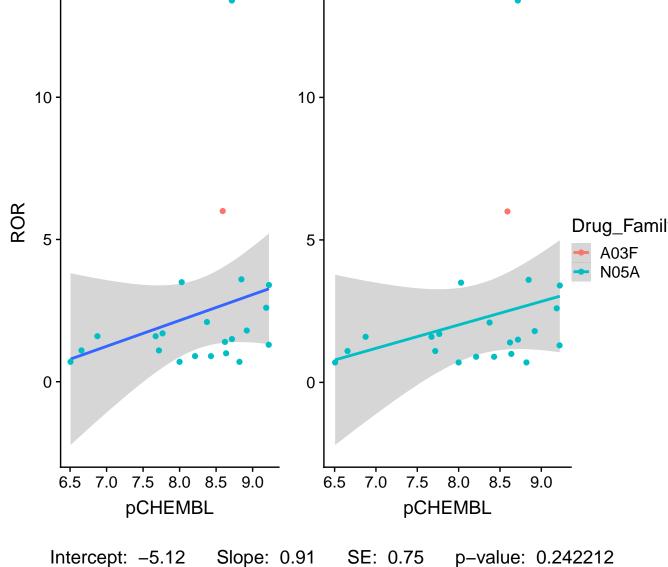




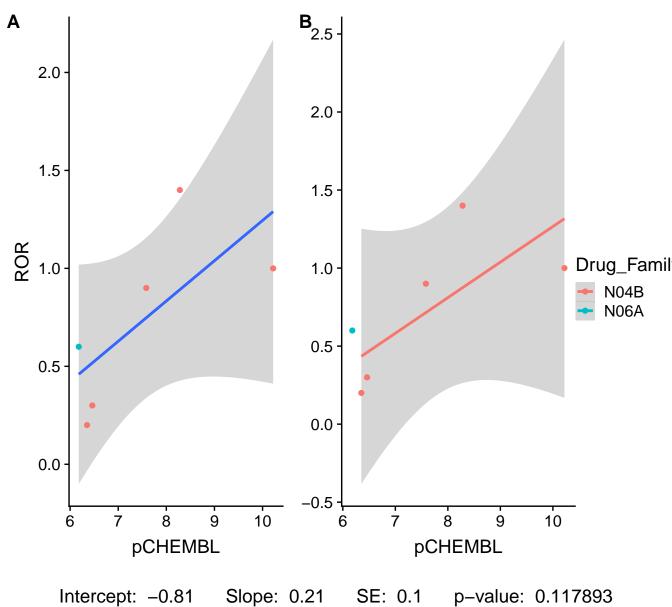


Α

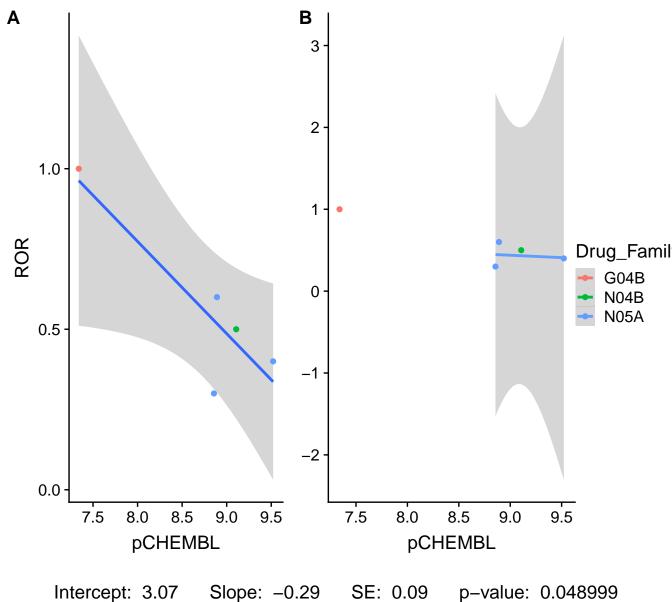
speech disorder ~ Dopamine D2 receptor [ Antagonist ]



speech disorder ~ Dopamine D2 receptor [ Agonist ]



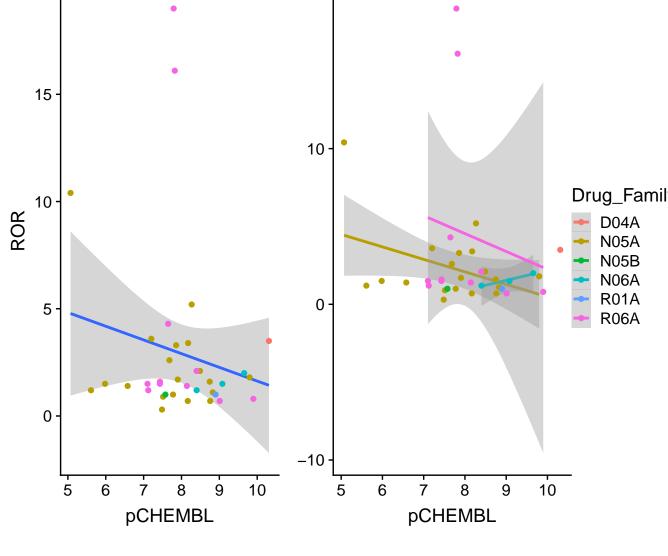
speech disorder ~ Dopamine D2 receptor [ Partial Agonist ]



**B**<sub>20</sub> -

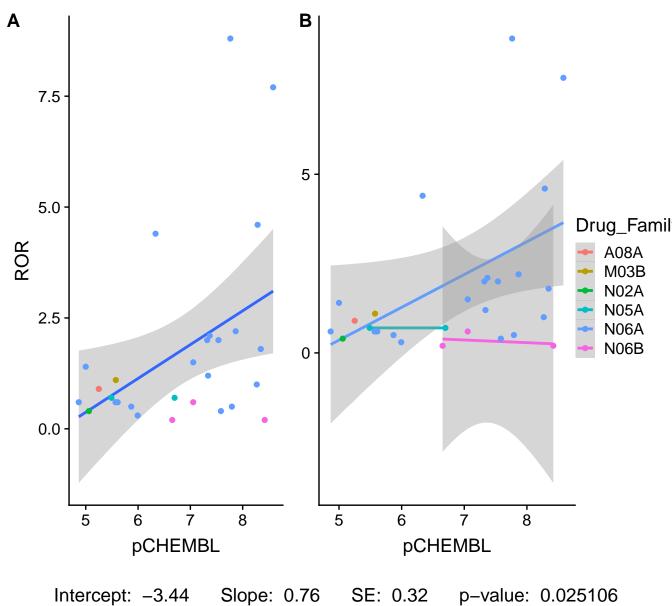
20 -

speech disorder ~ Histamine H1 receptor [ Antagonist ]

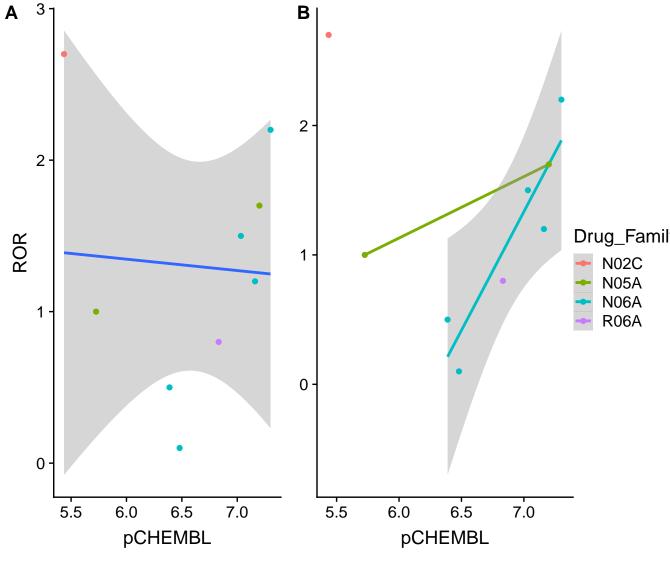


Intercept: 8.02 Slope: -0.64 SE: 0.6 p-value: 0.296461

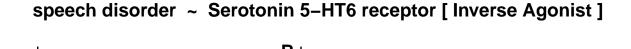
speech disorder ~ Norepinephrine transporter [ Antagonist ]

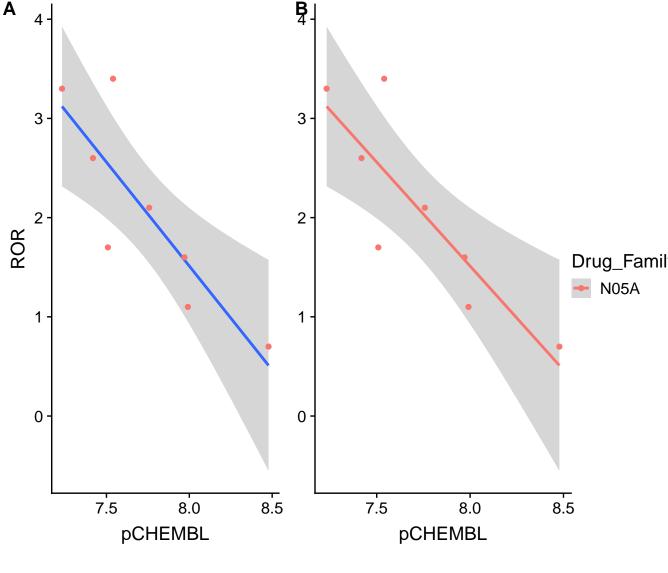


speech disorder ~ Serotonin 5-HT6 receptor [ Antagonist ]



Intercept: 1.8 Slope: -0.08 SE: 0.46 p-value: 0.875693



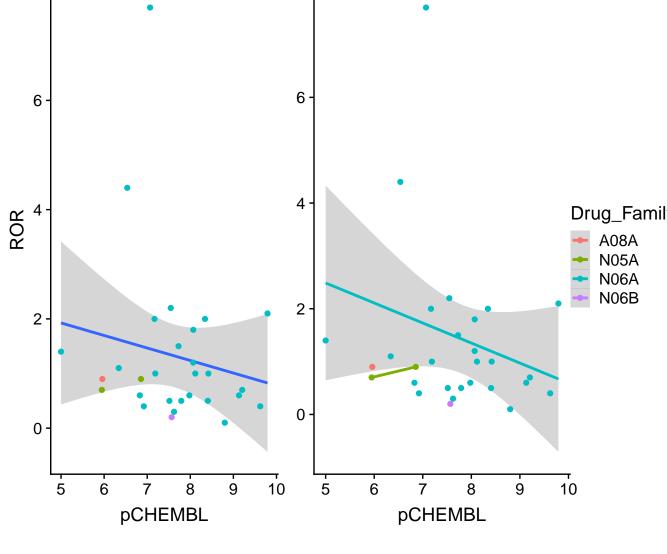


Intercept: 18.27 Slope: -2.09 SE: 0.52 p-value: 0.007132



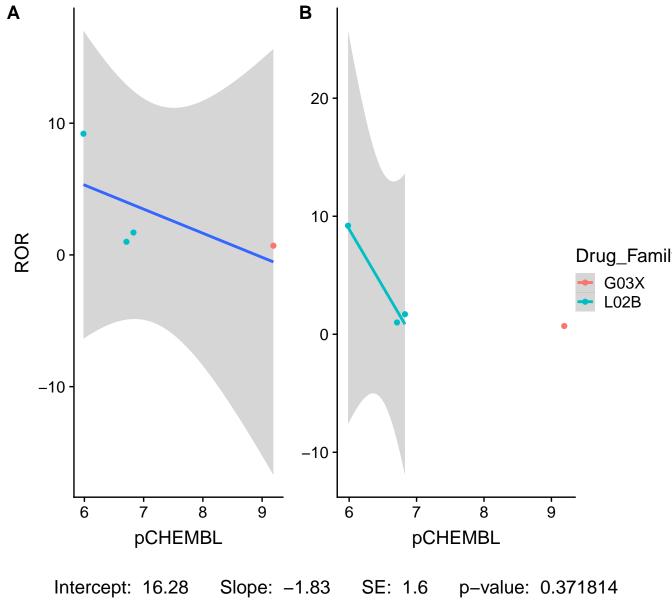
8 -

speech disorder ~ Serotonin transporter [ Antagonist ]

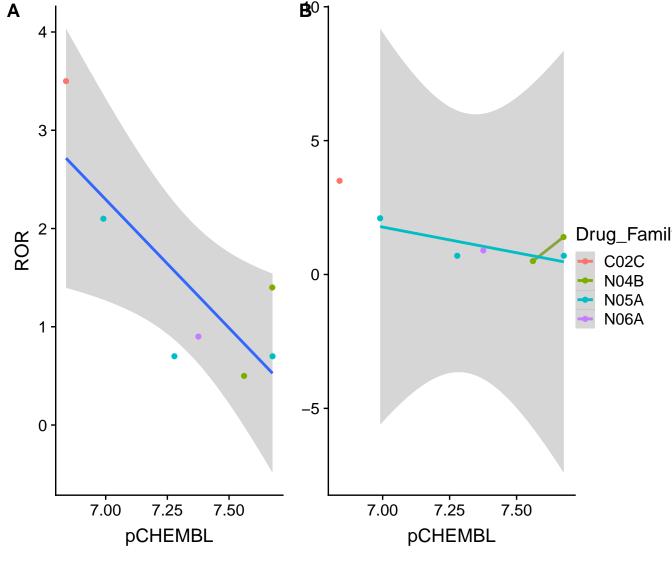


Intercept: 3.07 Slope: -0.23 SE: 0.25 p-value: 0.375647

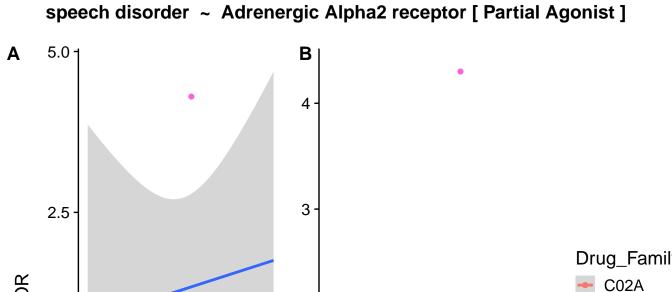




speech disorder ~ Adrenergic Alpha2 receptor [ Antagonist ]



Intercept: 20.6 Slope: -2.61 SE: 0.87 p-value: 0.030171



2

0.0

-2.5

6.5

7.5

7.0

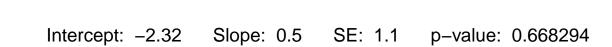
**pCHEMBL** 

8.0

D11A

G04B N04B N05C

R01A



6.5

7.0

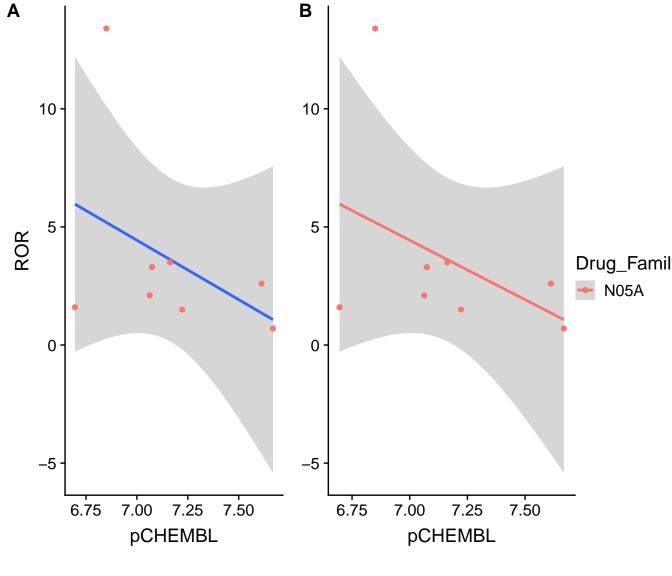
**pCHEMBL** 

7.5

8.0

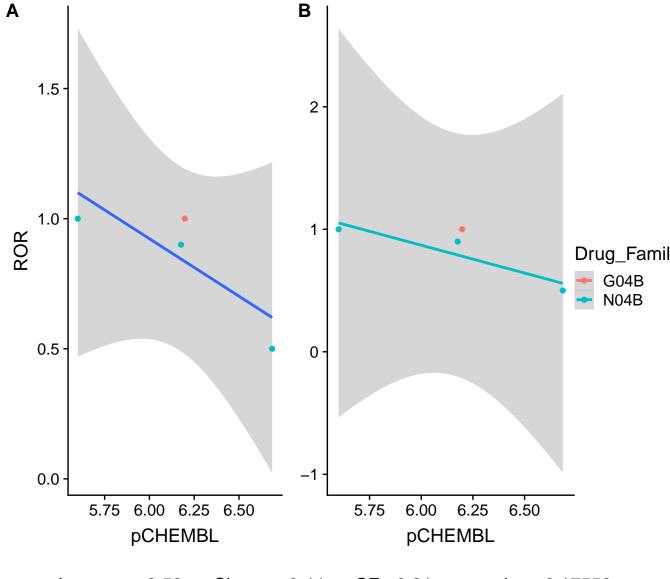
0

## speech disorder ~ Dopamine D1 receptor [ Antagonist ]



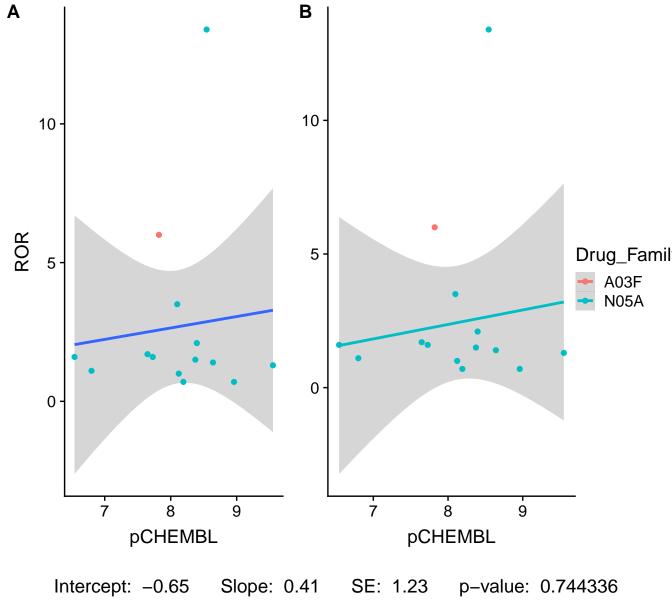
Intercept: 39.64 Slope: -5.03 SE: 4.49 p-value: 0.305736



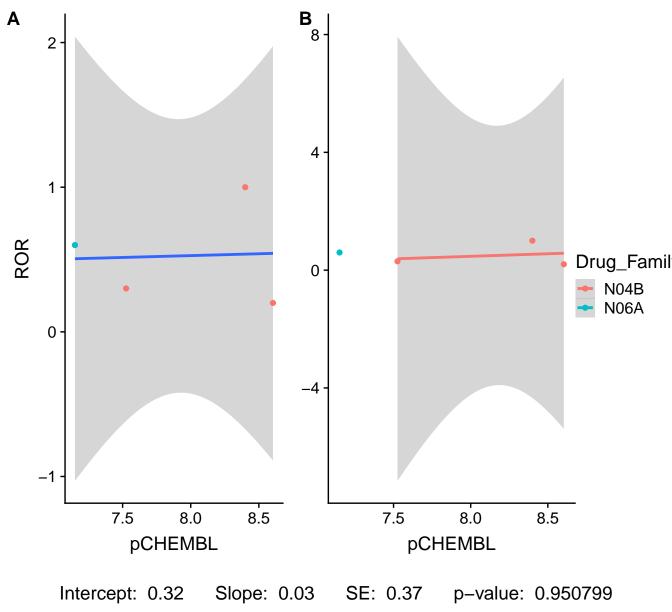


Intercept: 3.58 Slope: -0.44 SE: 0.21 p-value: 0.17558

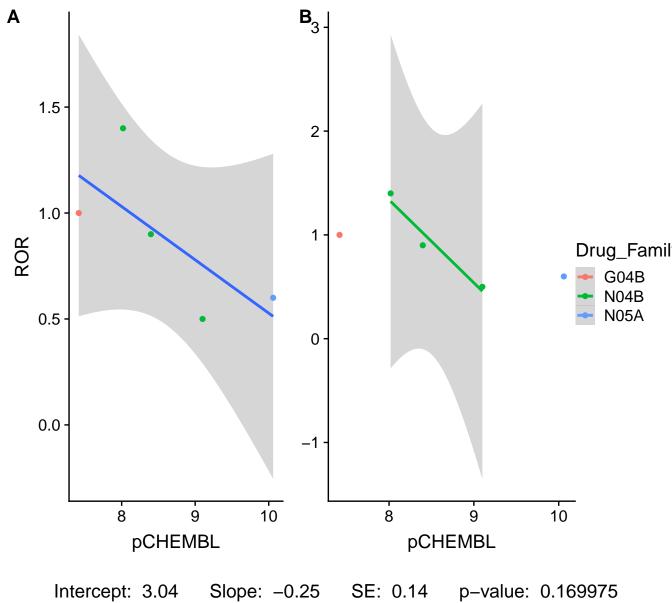
speech disorder ~ Dopamine D3 receptor [ Antagonist ]



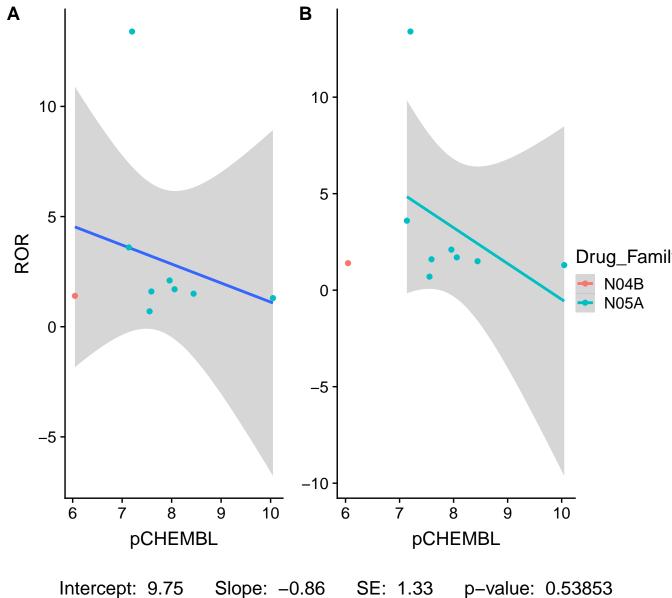
speech disorder ~ Dopamine D3 receptor [ Agonist ]



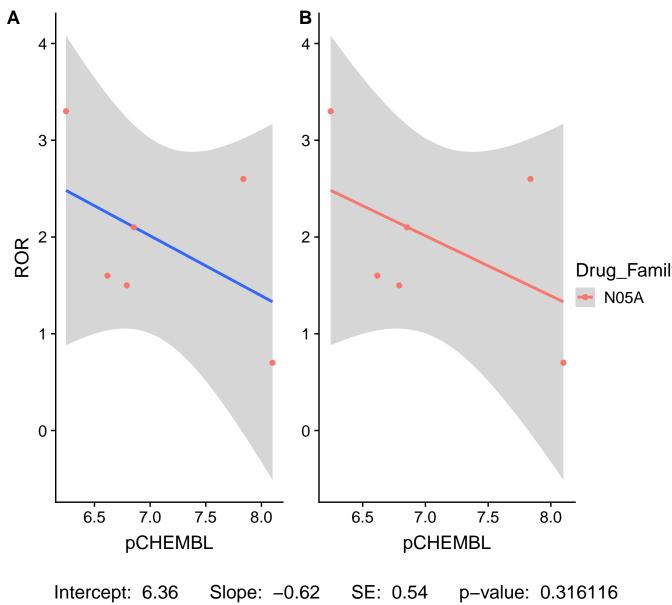




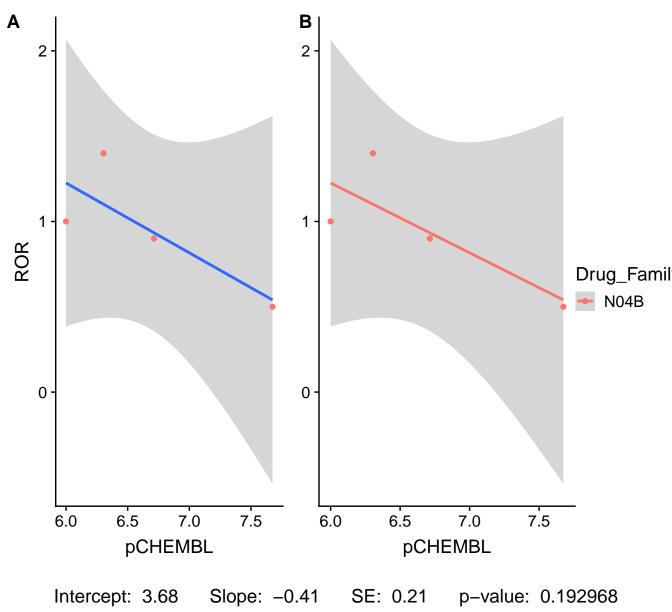
speech disorder ~ Dopamine D4 receptor [ Antagonist ]



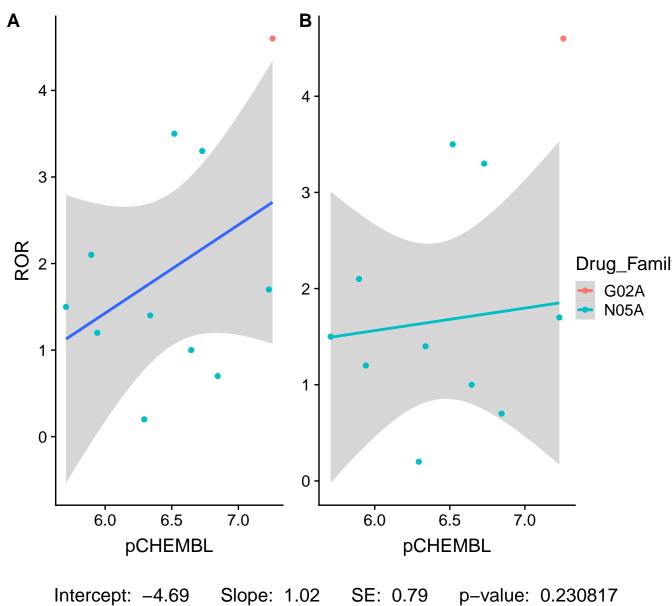
## speech disorder ~ Dopamine D5 receptor [ Antagonist ]



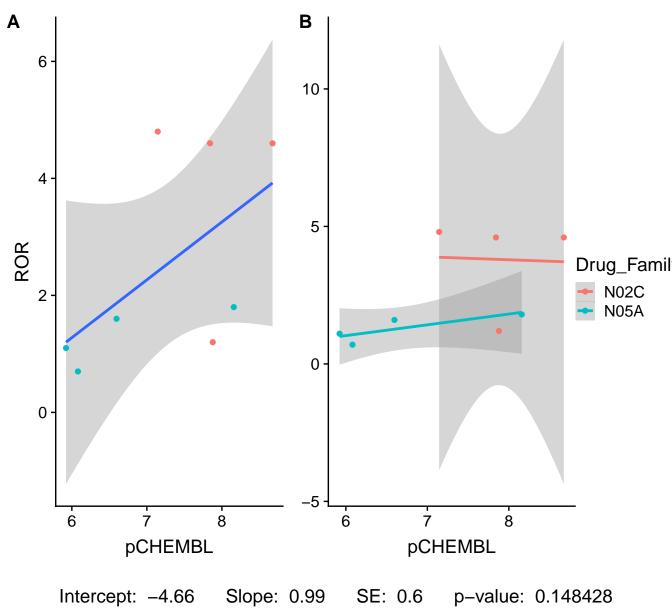
## speech disorder ~ Dopamine D5 receptor [ Agonist ]



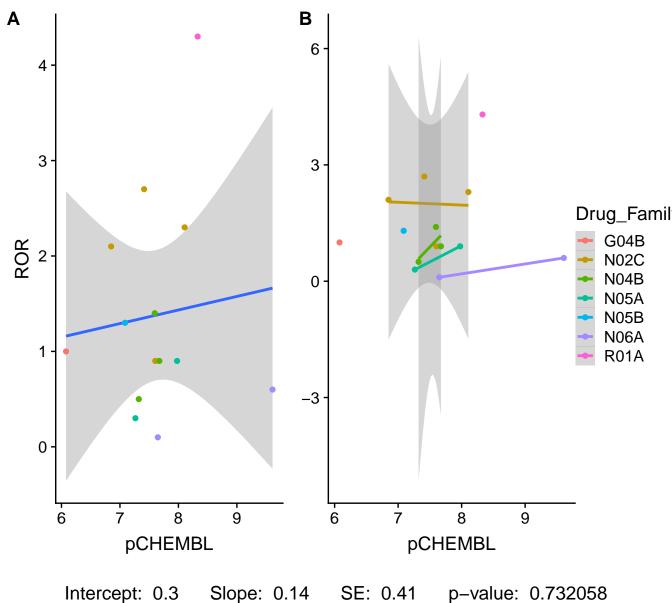
speech disorder ~ Serotonin 5-HT1 receptor [ Antagonist ]



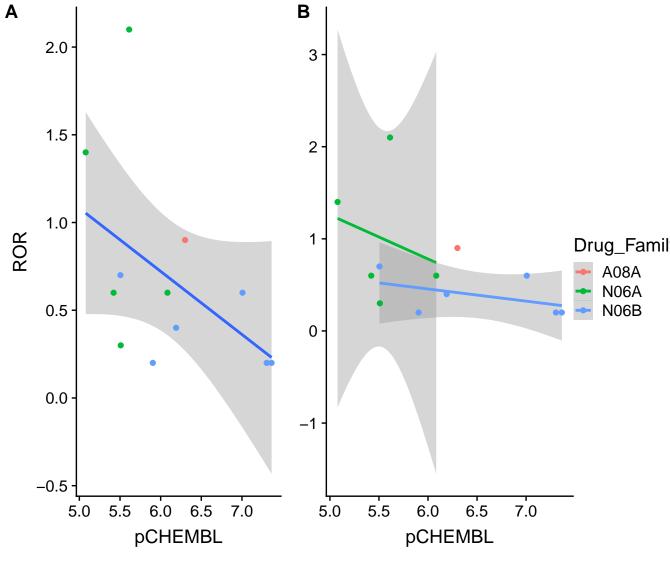
speech disorder ~ Serotonin 5-HT1 receptor [ Agonist ]



speech disorder ~ Serotonin 5-HT1 receptor [ Partial Agonist ]

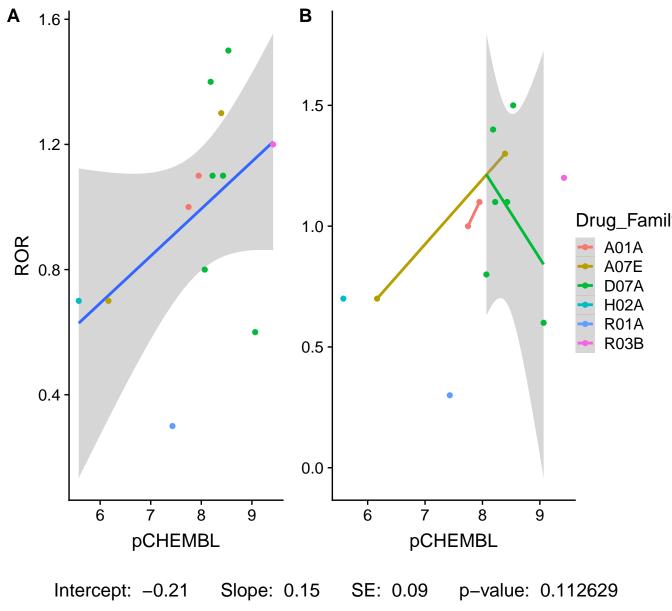


## speech disorder ~ Dopamine transporter [ Antagonist ]

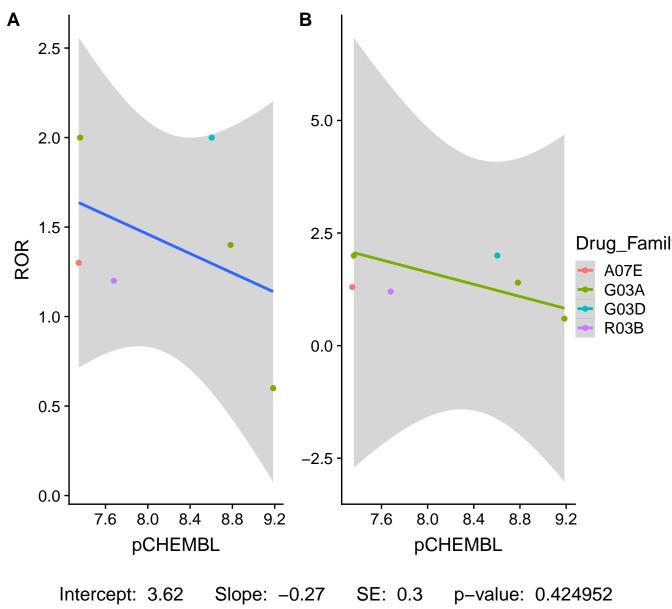


Intercept: 2.88 Slope: -0.36 SE: 0.2 p-value: 0.109531

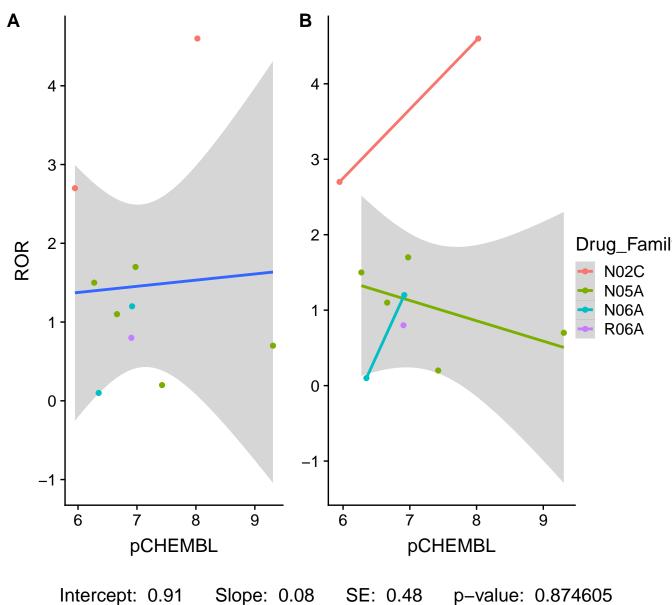




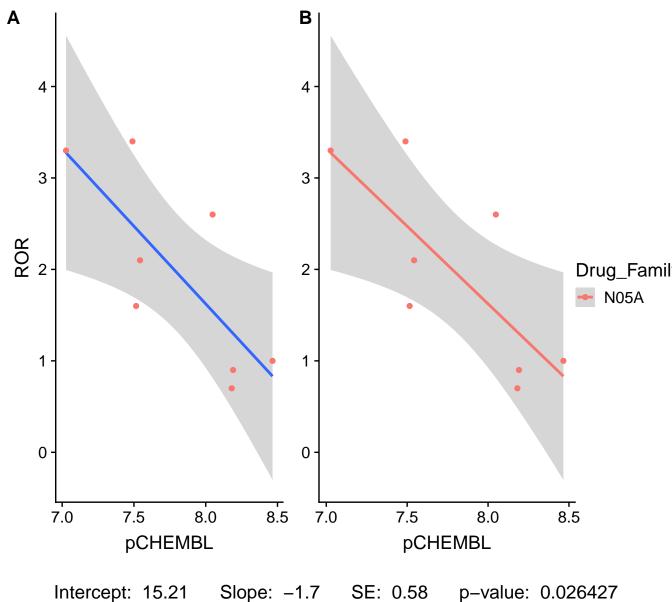
speech disorder ~ Progesterone receptor [ Agonist ]



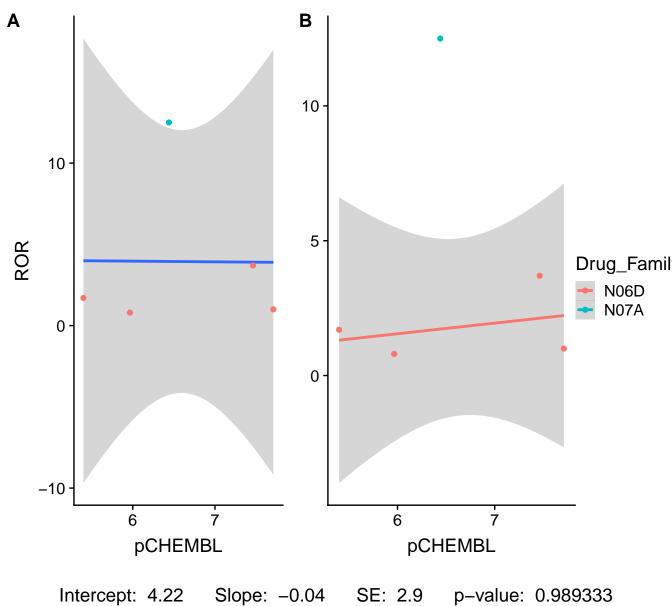
speech disorder ~ Serotonin 5-HT7 receptor [ Antagonist ]



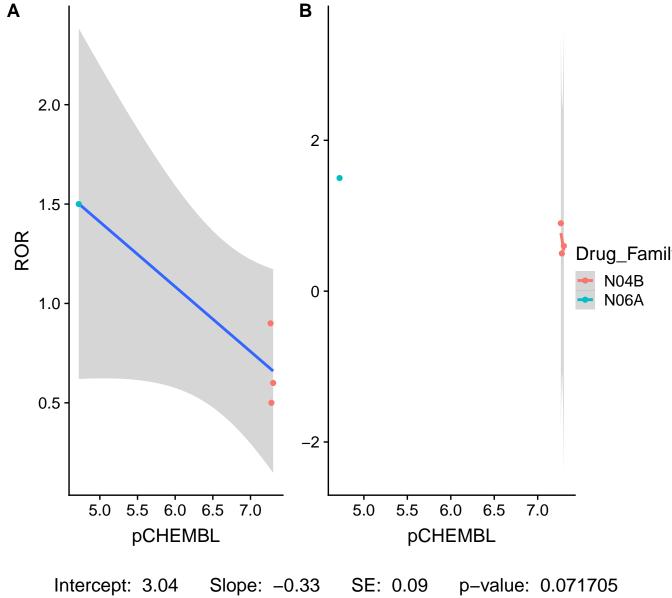
speech disorder ~ Serotonin 5-HT7 receptor [ Inverse Agonist ]



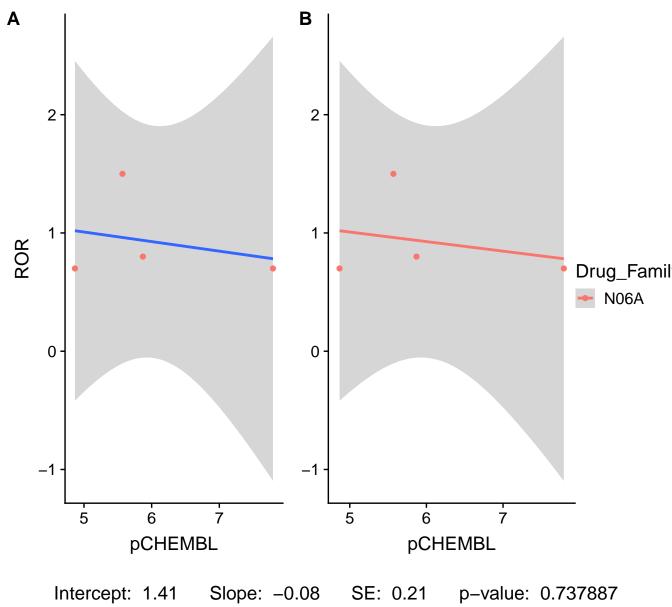
speech disorder ~ Acetylcholinesterase [ Antagonist ]



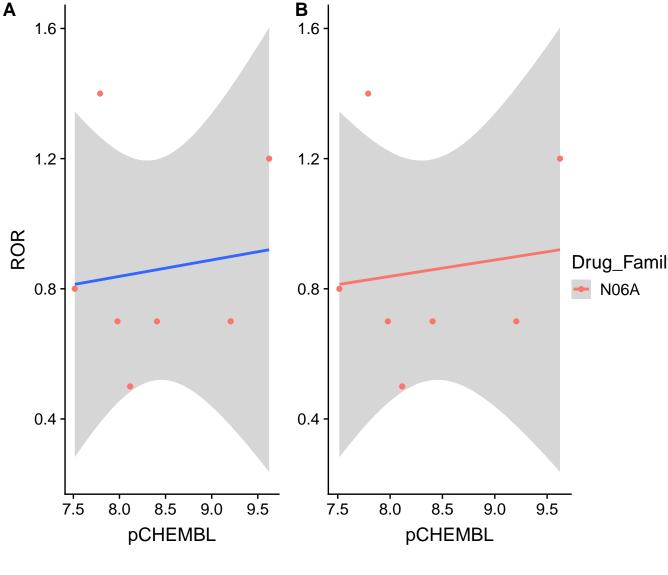




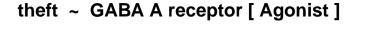


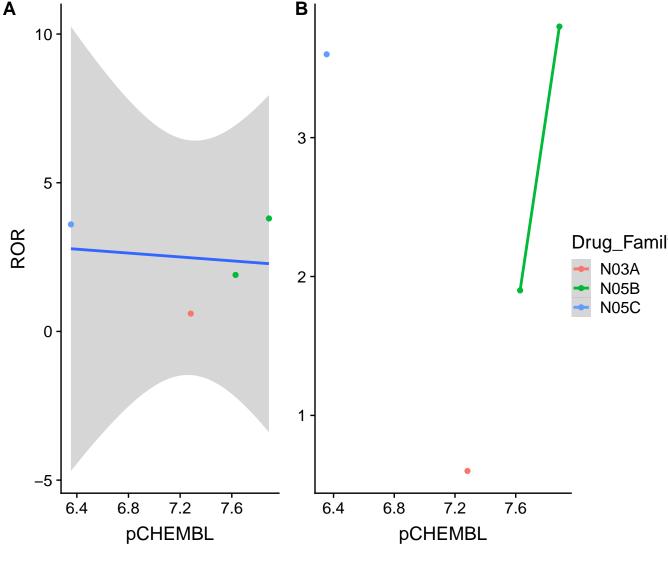


stress at work ~ Serotonin transporter [ Antagonist ]



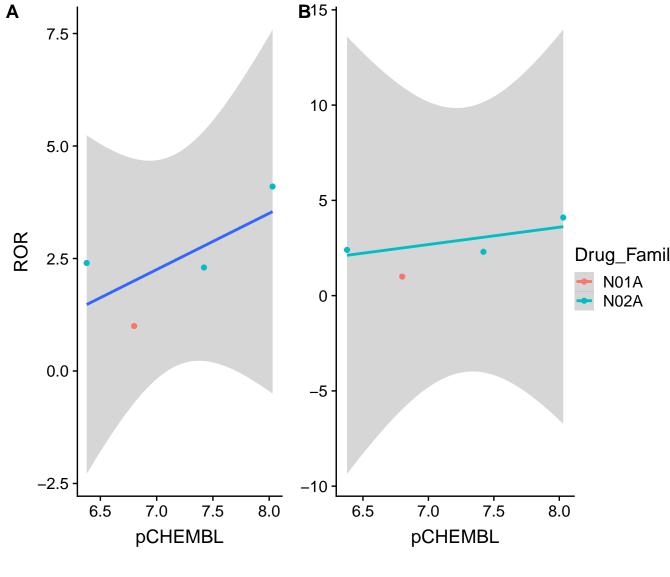
Intercept: 0.43 Slope: 0.05 SE: 0.18 p-value: 0.796084





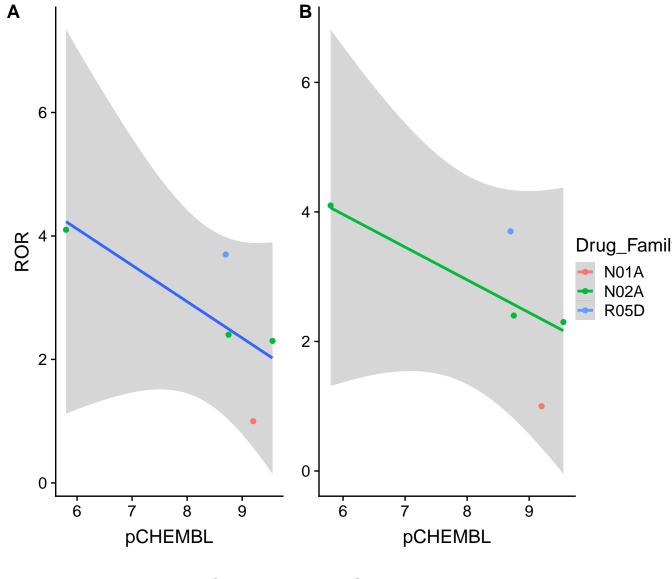
Intercept: 4.86 Slope: -0.33 SE: 1.58 p-value: 0.855012

theft ~ Delta opioid receptor [ Agonist ]



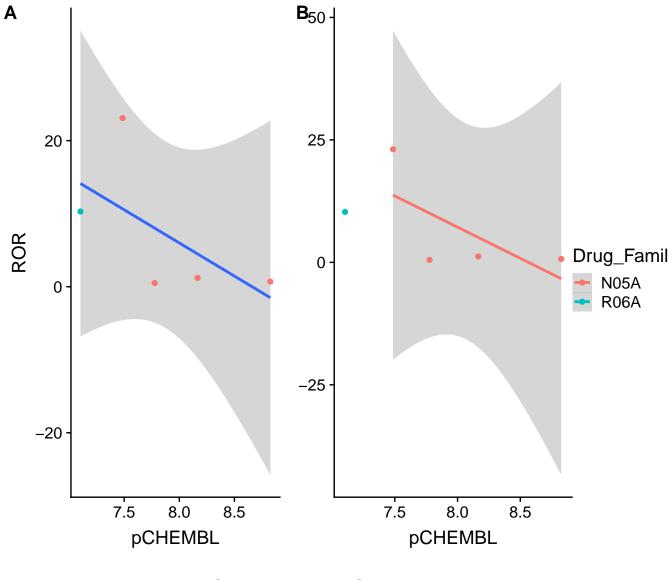
Intercept: -6.5 Slope: 1.25 SE: 0.88 p-value: 0.289459

theft ~ Mu opioid receptor [ Agonist ]



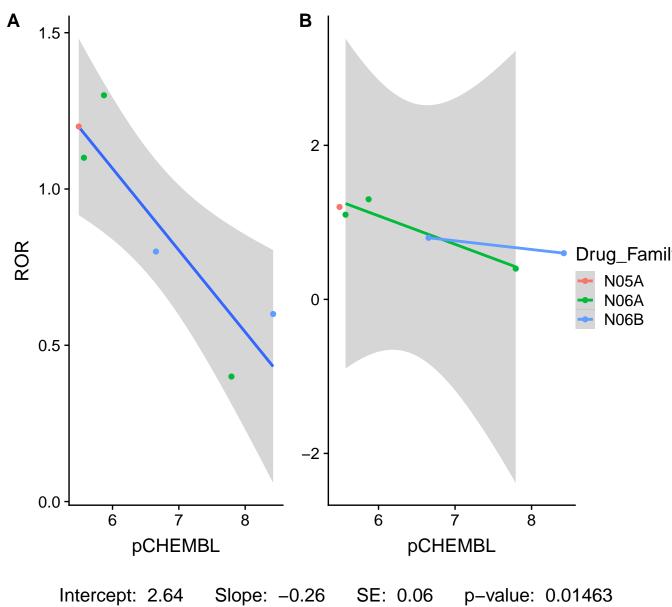
Intercept: 7.65 Slope: -0.59 SE: 0.33 p-value: 0.176286

theft ~ Histamine H1 receptor [ Antagonist ]

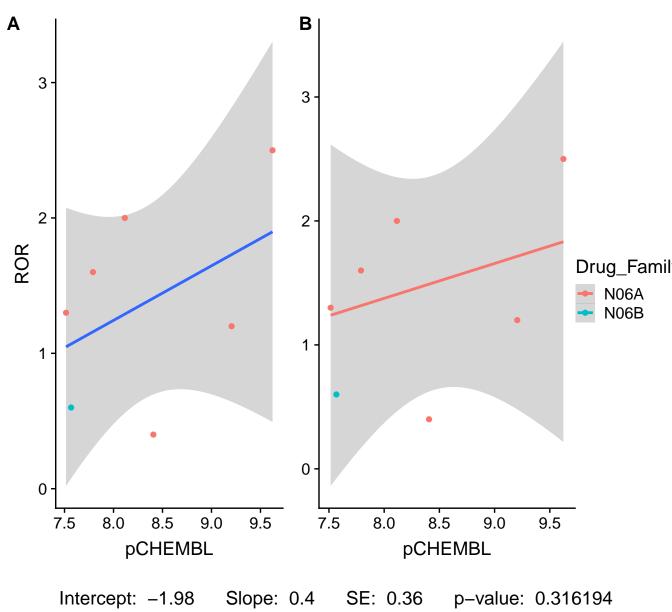


Intercept: 78.62 Slope: -9.08 SE: 6.79 p-value: 0.273596

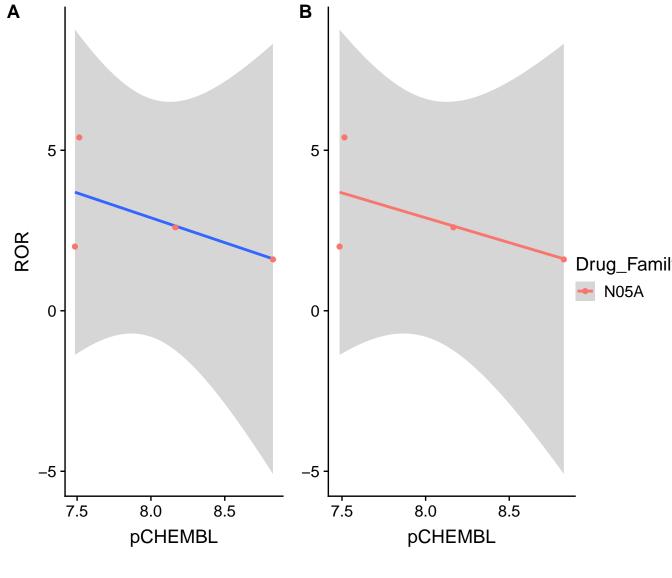
theft ~ Norepinephrine transporter [ Antagonist ]



theft ~ Serotonin transporter [ Antagonist ]

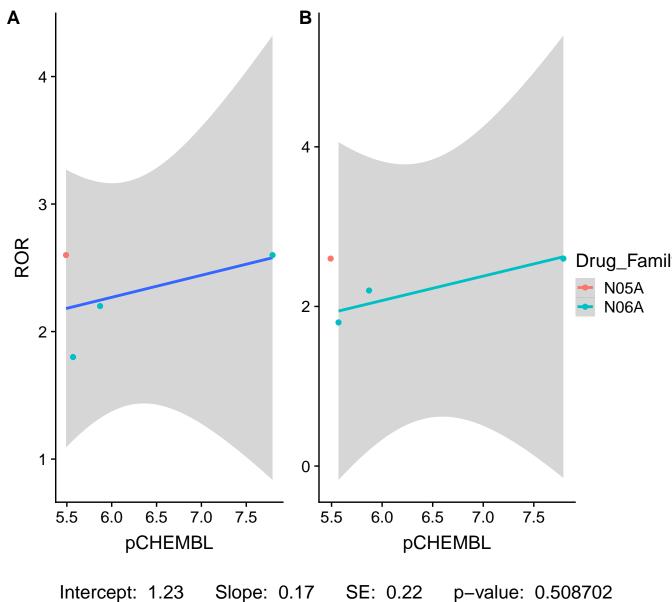


## unemployment ~ Histamine H1 receptor [ Antagonist ]

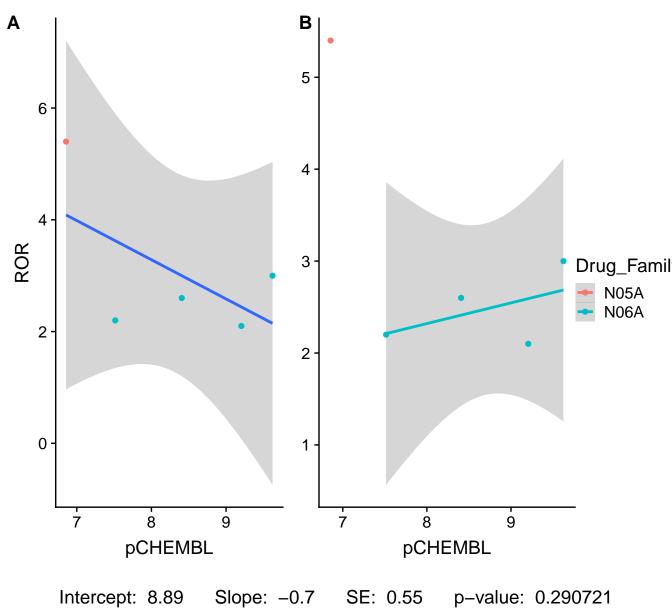


Intercept: 15.28 Slope: -1.55 SE: 1.57 p-value: 0.42717

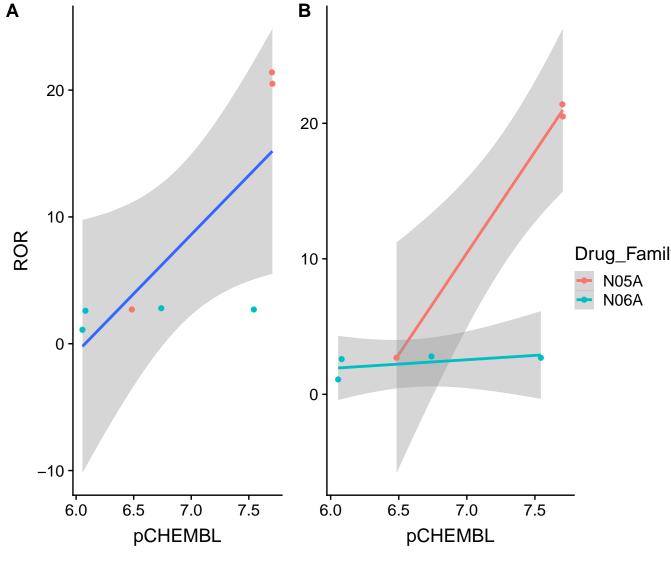
## unemployment ~ Norepinephrine transporter [ Antagonist ]



## unemployment ~ Serotonin transporter [ Antagonist ]

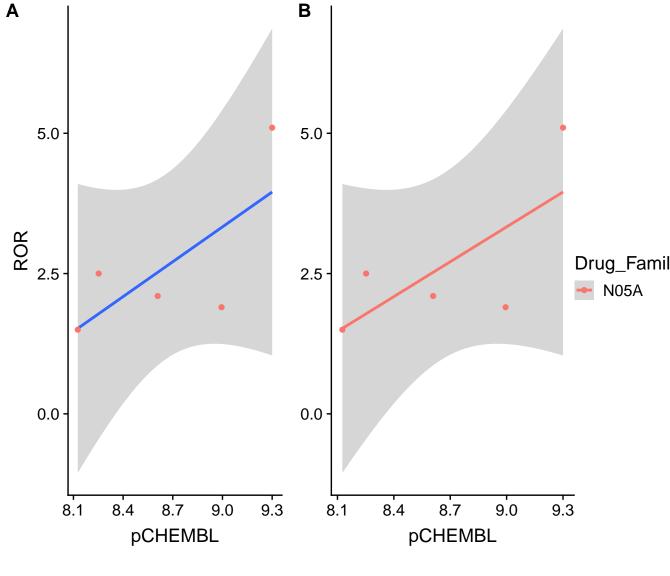


verbal abuse ~ Serotonin 5-HT2 receptor [ Antagonist ]



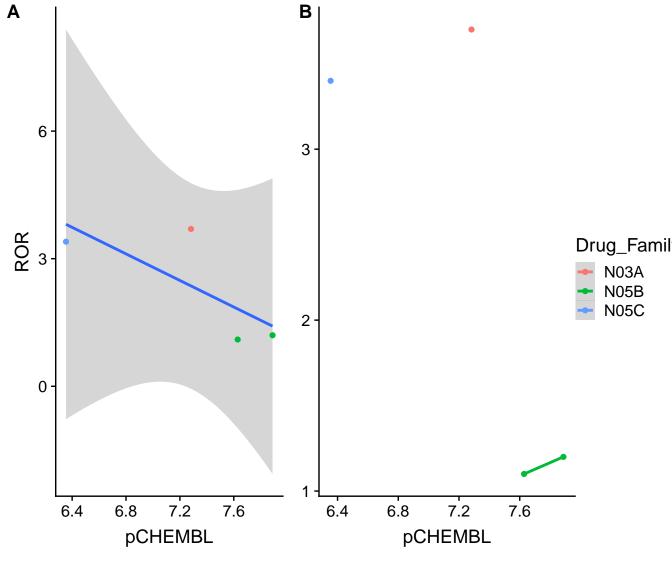
Intercept: -56.71 Slope: 9.33 SE: 3.56 p-value: 0.047181





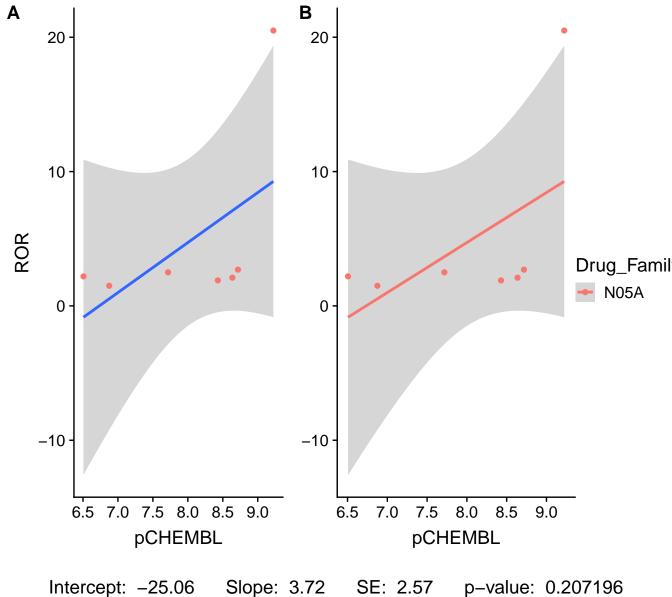
Intercept: -15.31 Slope: 2.07 SE: 1.17 p-value: 0.175525



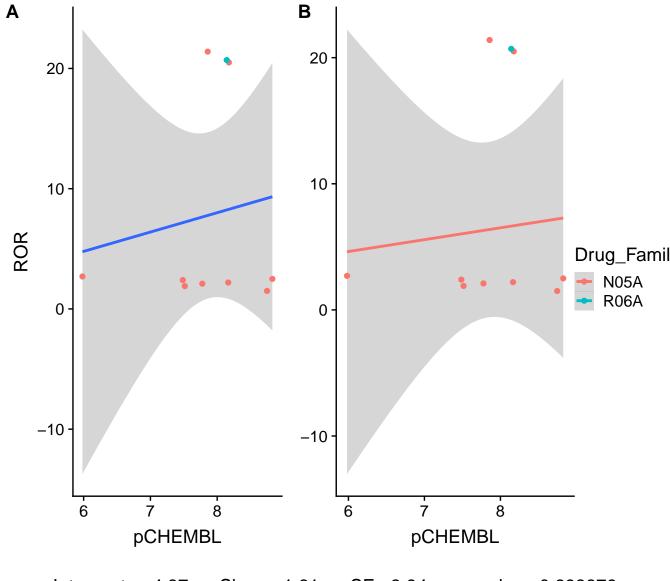


Intercept: 13.73 Slope: -1.56 SE: 0.97 p-value: 0.248146



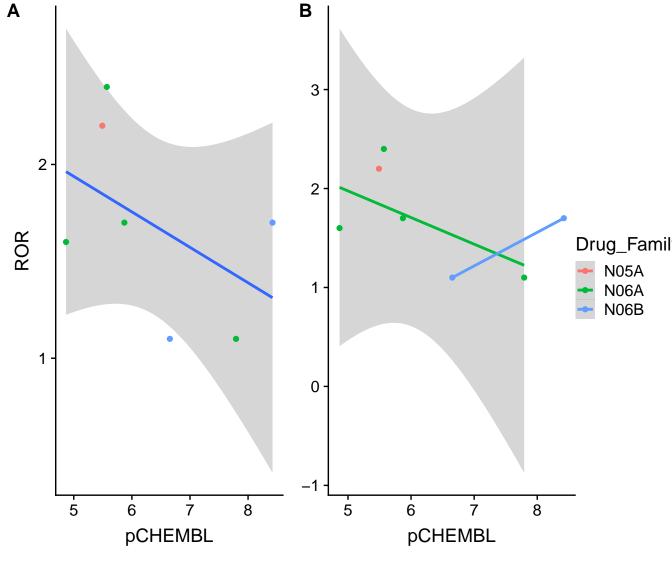






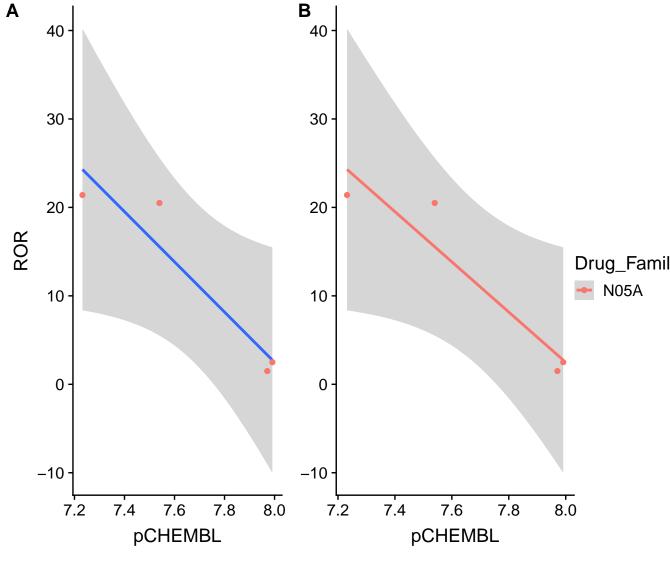
Intercept: -4.87 Slope: 1.61 SE: 3.94 p-value: 0.693879

## verbal abuse ~ Norepinephrine transporter [ Antagonist ]

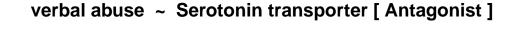


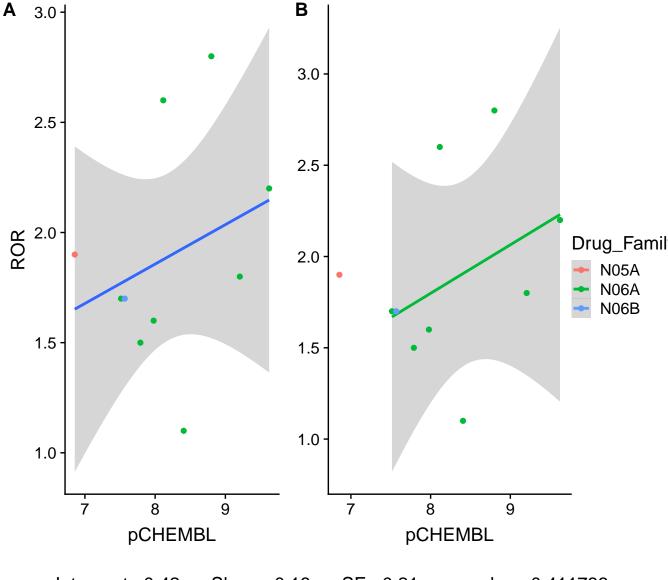
Intercept: 2.85 Slope: -0.18 SE: 0.15 p-value: 0.272149

verbal abuse ~ Serotonin 5-HT6 receptor [Inverse Agonist]

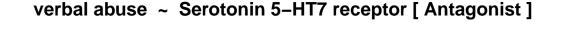


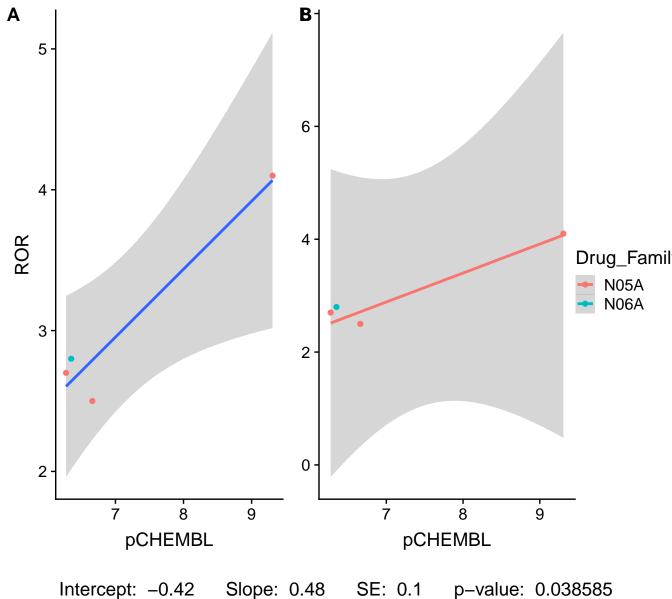
Intercept: 229.56 Slope: -28.38 SE: 6.71 p-value: 0.051621





Intercept: 0.42 Slope: 0.18 SE: 0.21 p-value: 0.411733





verbal abuse ~ Serotonin 5-HT7 receptor [ Inverse Agonist ]

