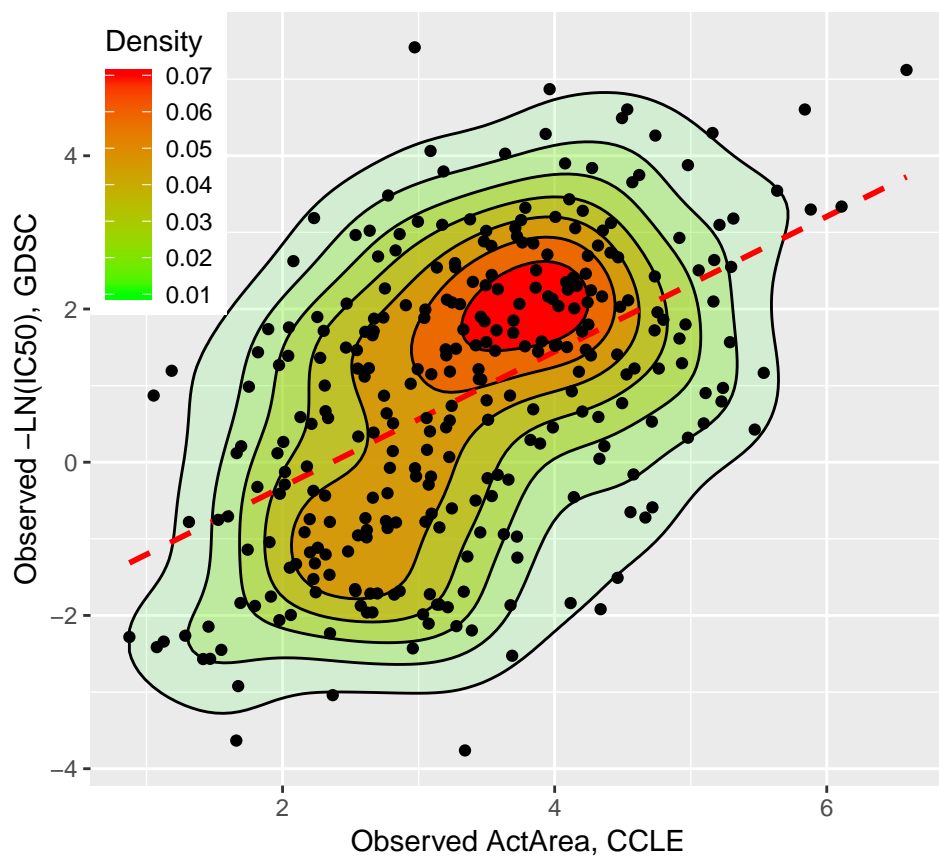
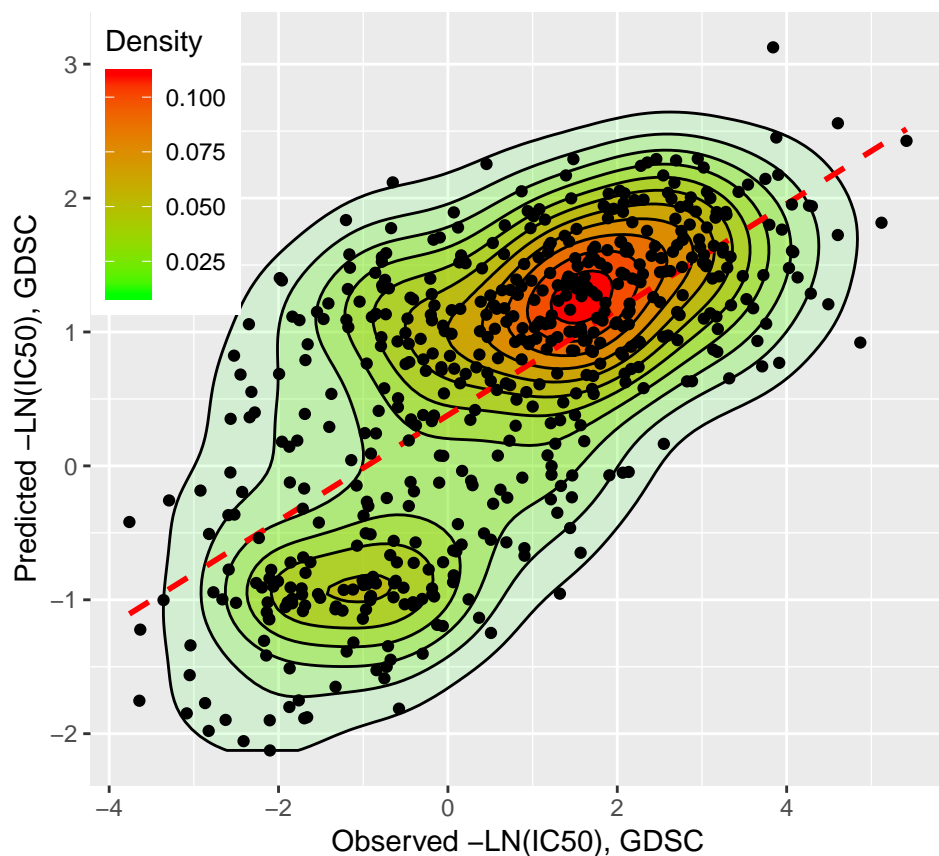


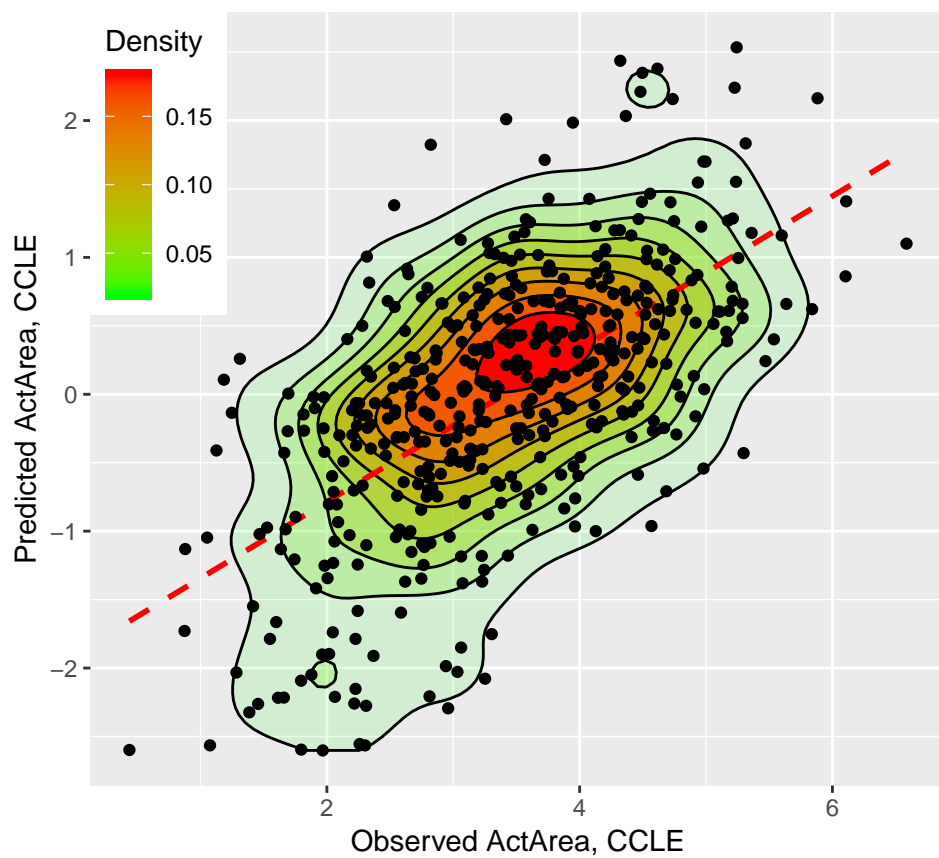
17-AAG
Observed DR, $r = 0.507$



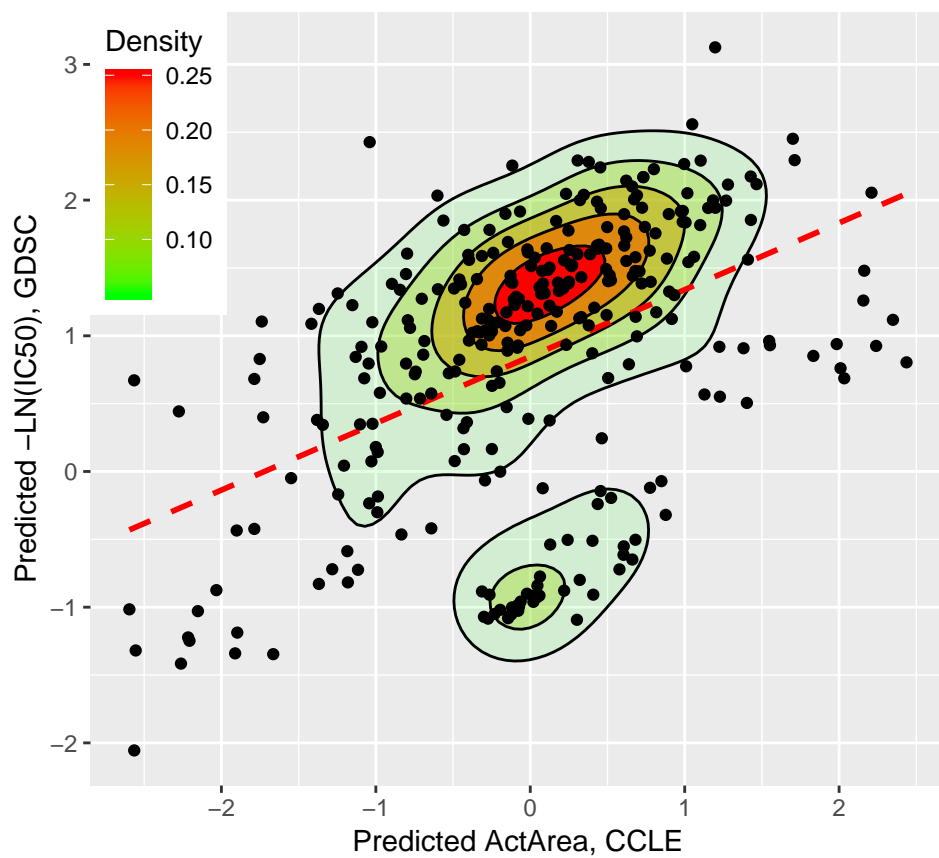
Tanespimycin
GDSC, $r = 0.67$



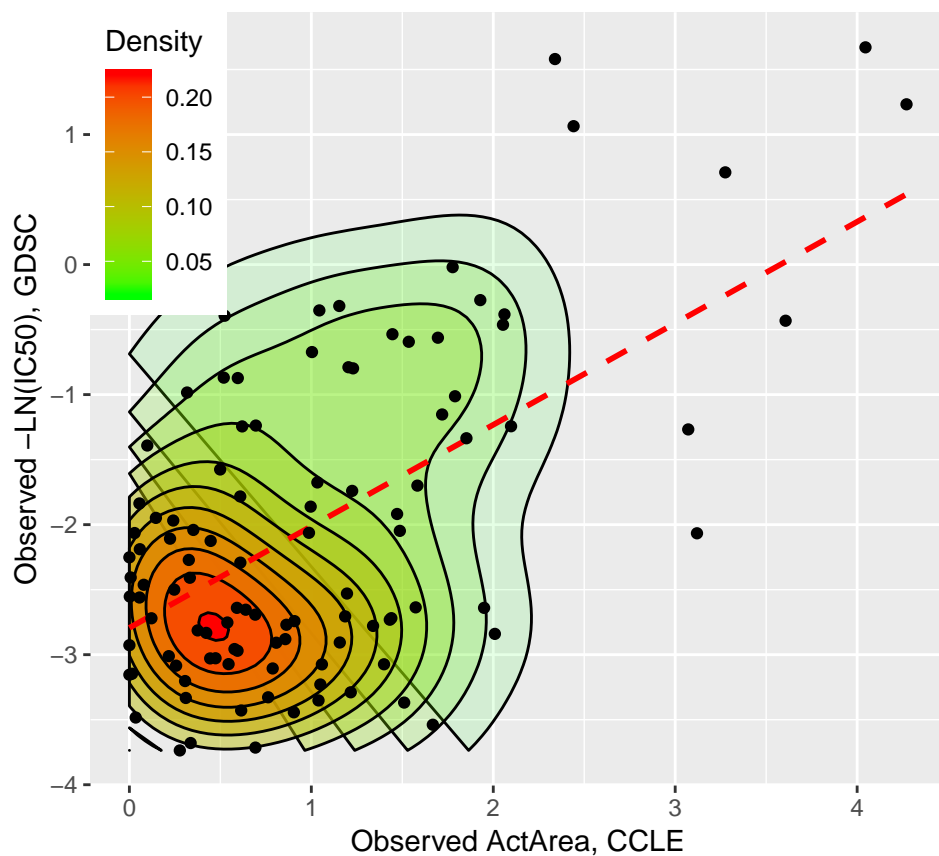
17-AAG
CCLE, $r = 0.614$



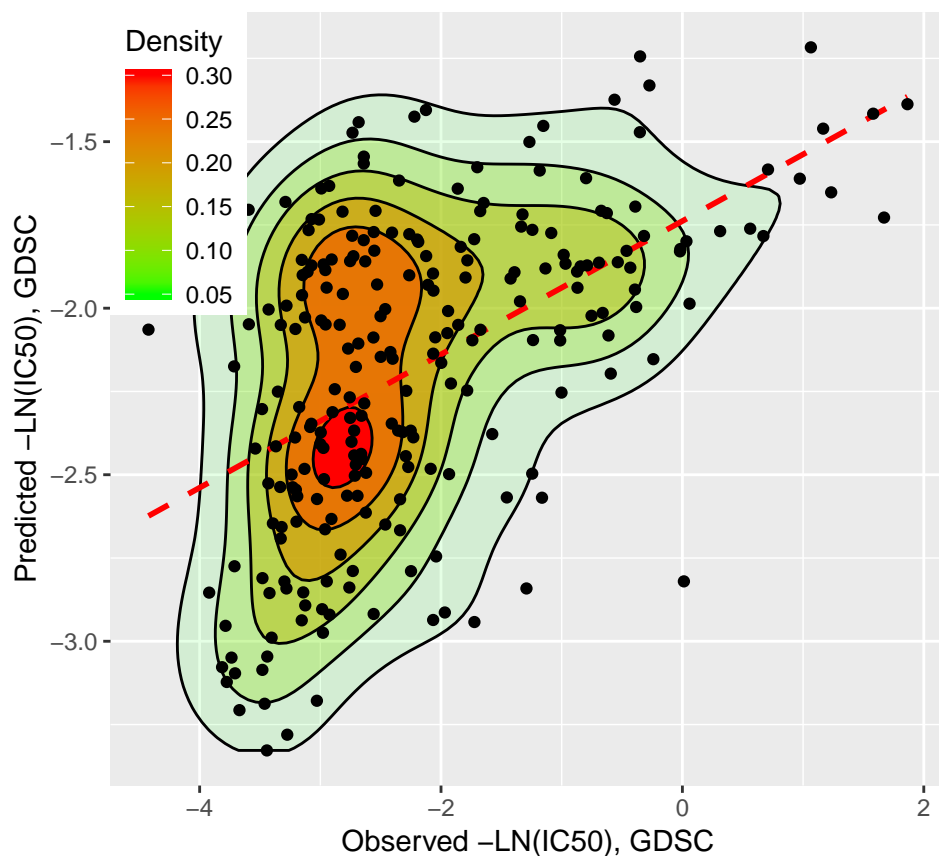
Tanespimycin
Predicted DR, $r = 0.463$



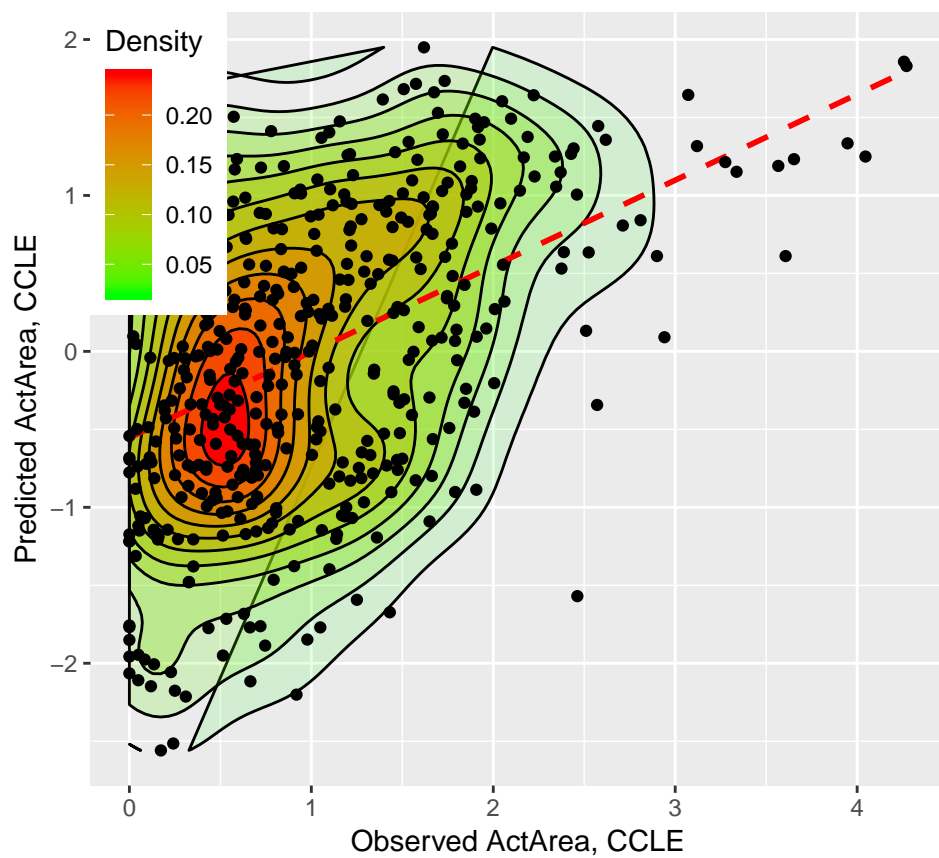
AZD0530
Observed DR, $r = 0.557$



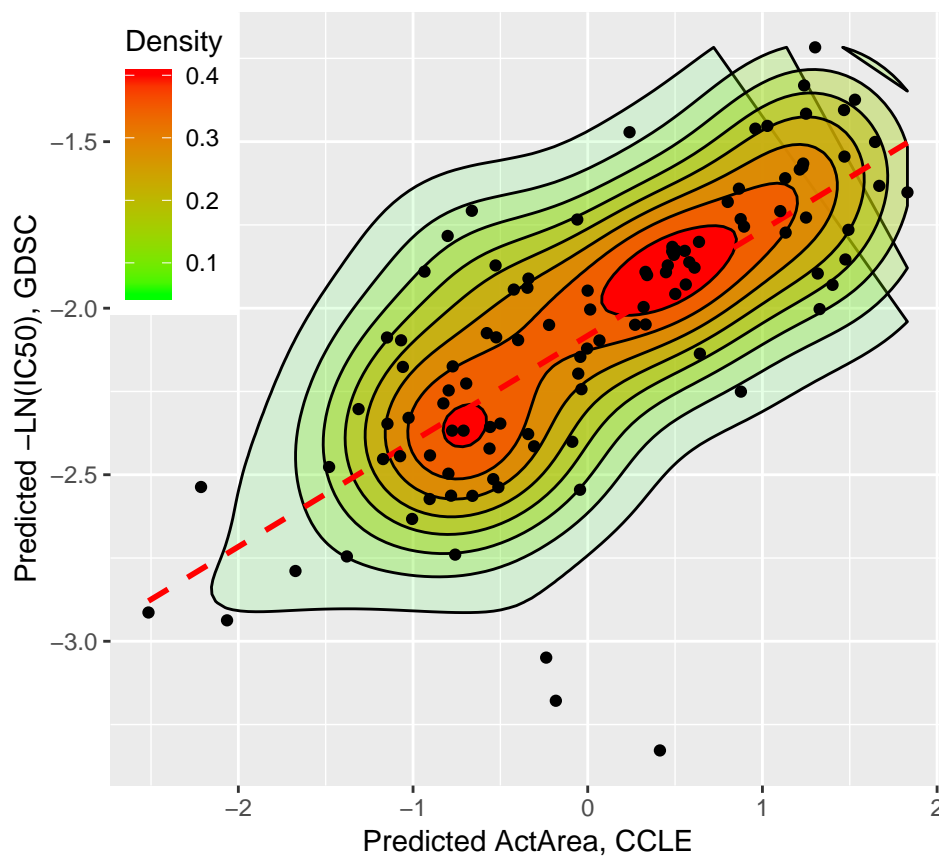
Saracatinib
GDSC, $r = 0.523$



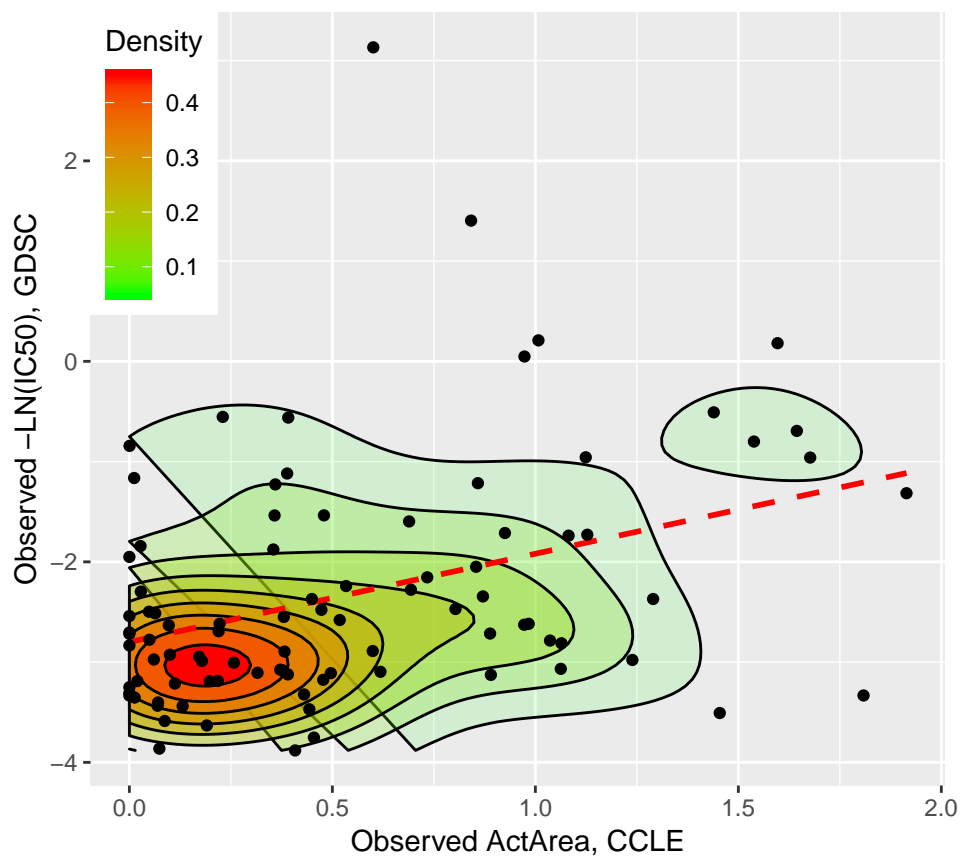
AZD0530
CCLE, $r = 0.449$



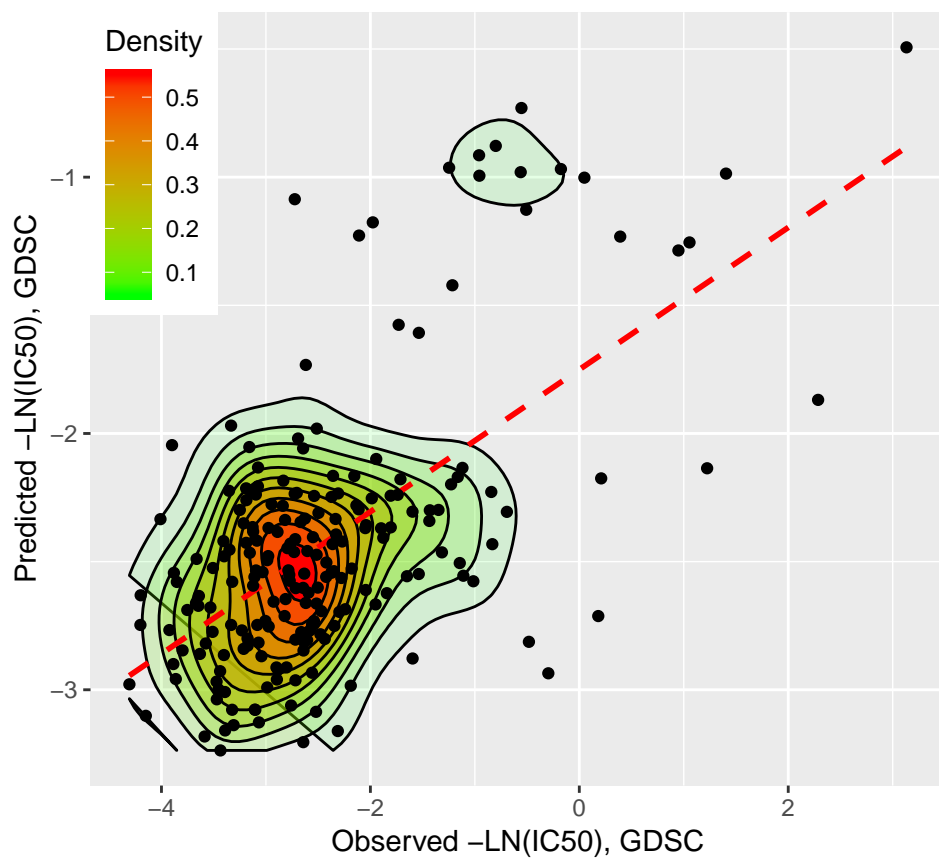
Saracatinib
Predicted DR, $r = 0.725$



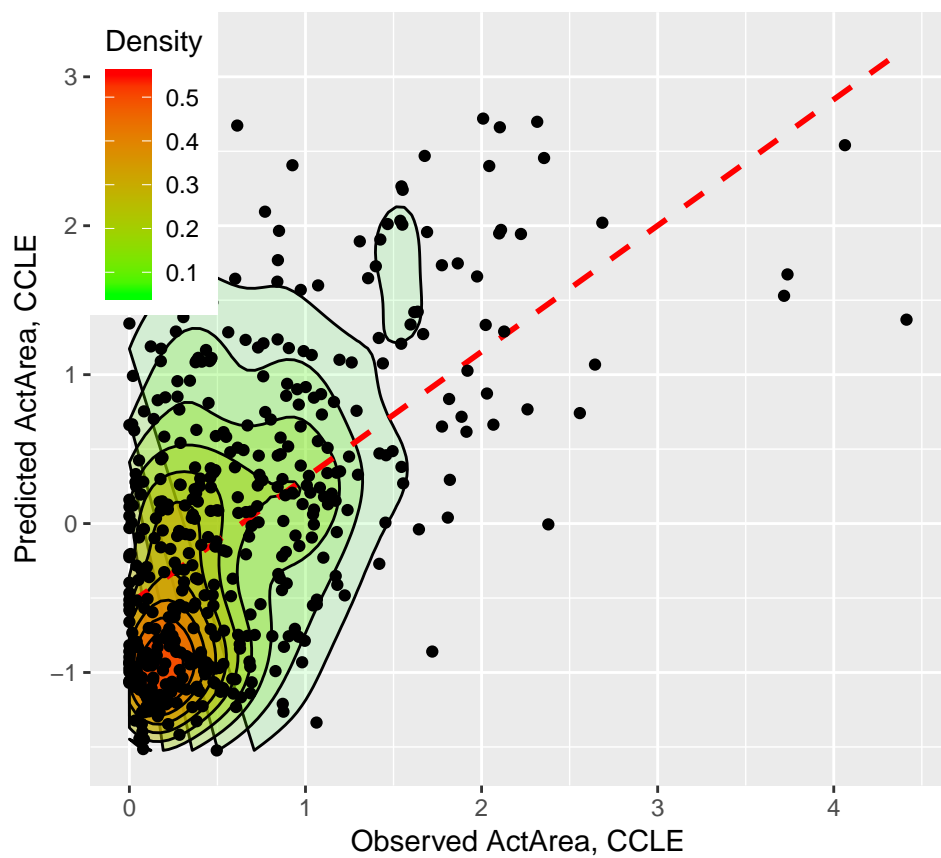
Erlotinib
Observed DR, $r = 0.366$



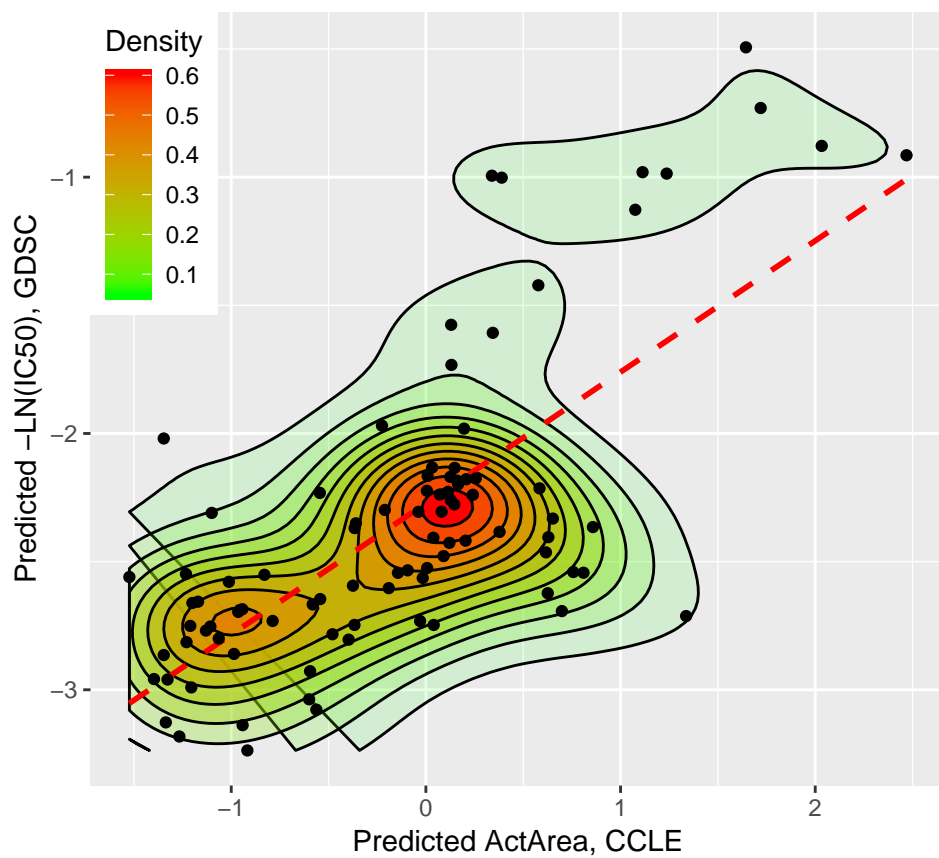
Erlotinib
GDSC, $r = 0.612$



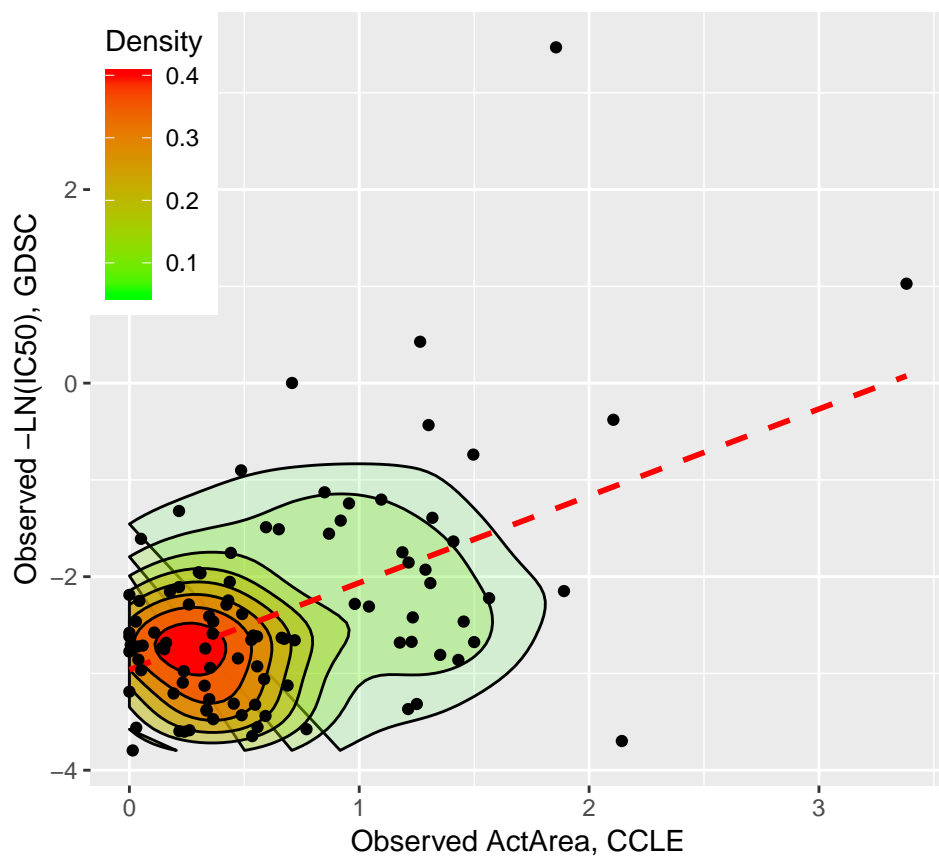
Erlotinib
CCLE, $r = 0.566$



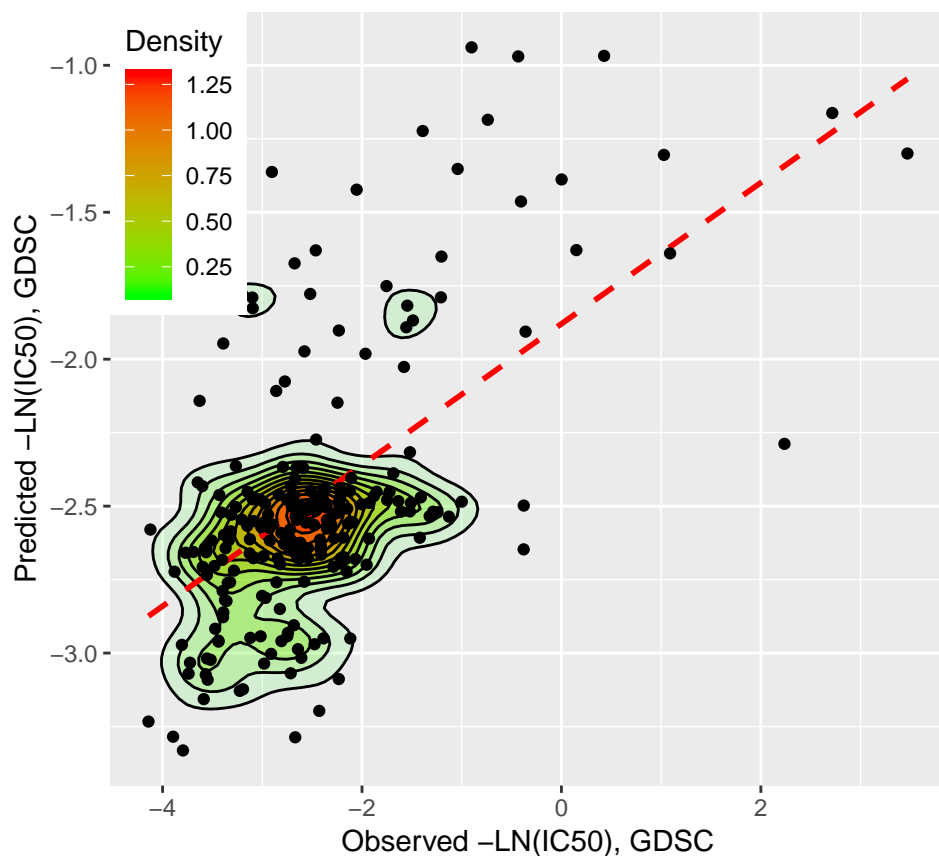
Erlotinib
Predicted DR, $r = 0.724$



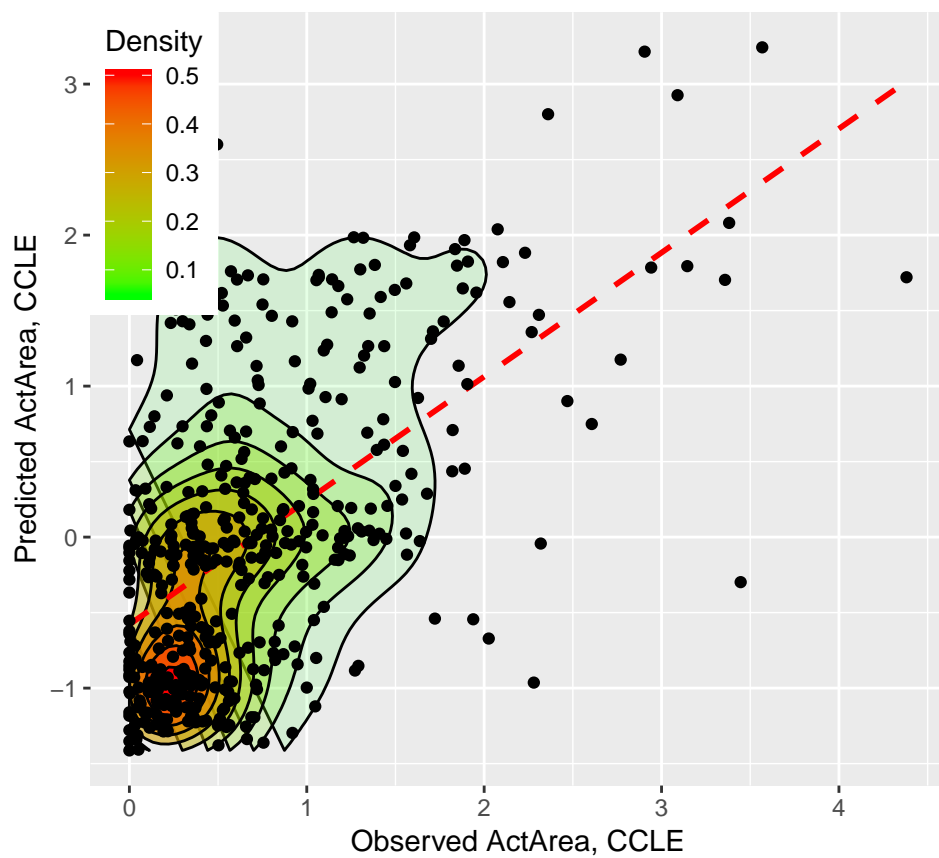
Lapatinib
Observed DR, $r = 0.492$



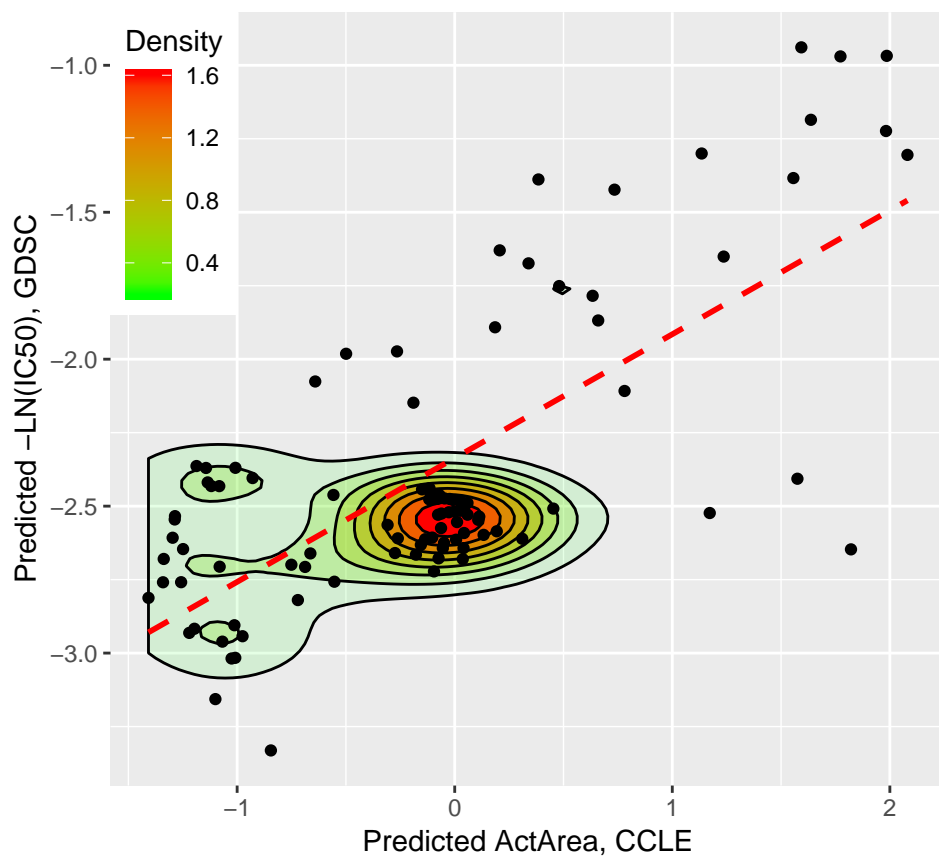
Lapatinib
GDSC, $r = 0.565$

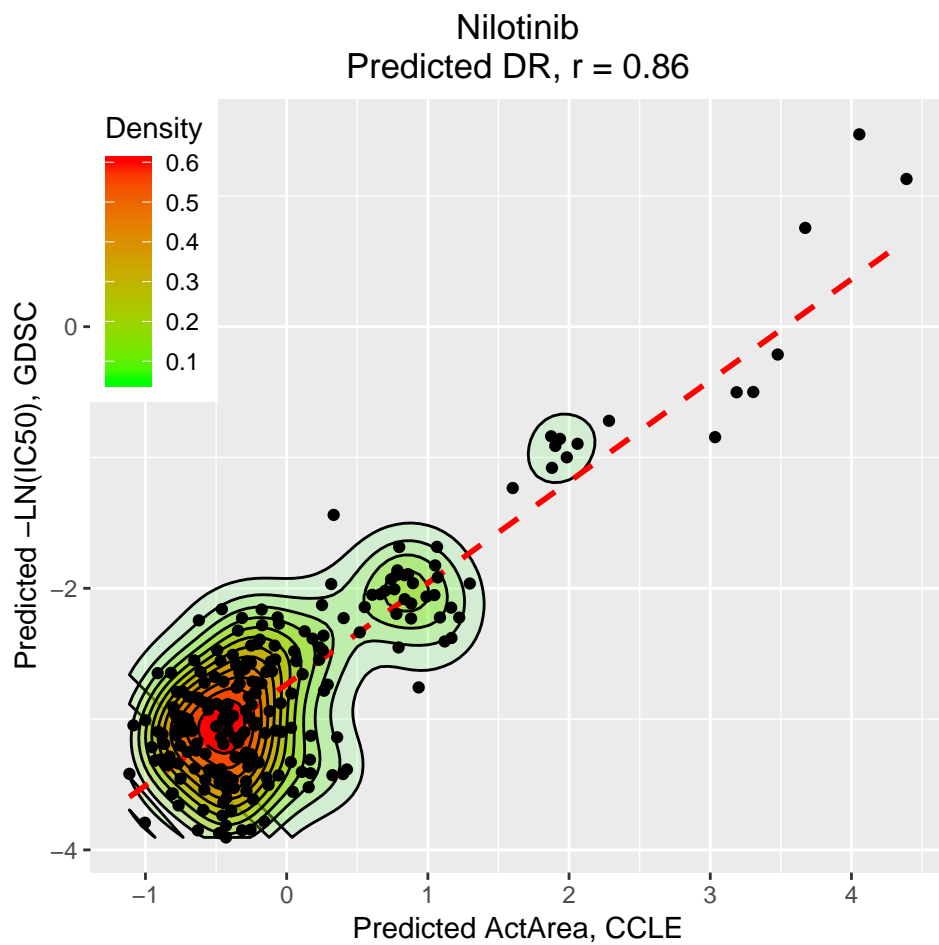
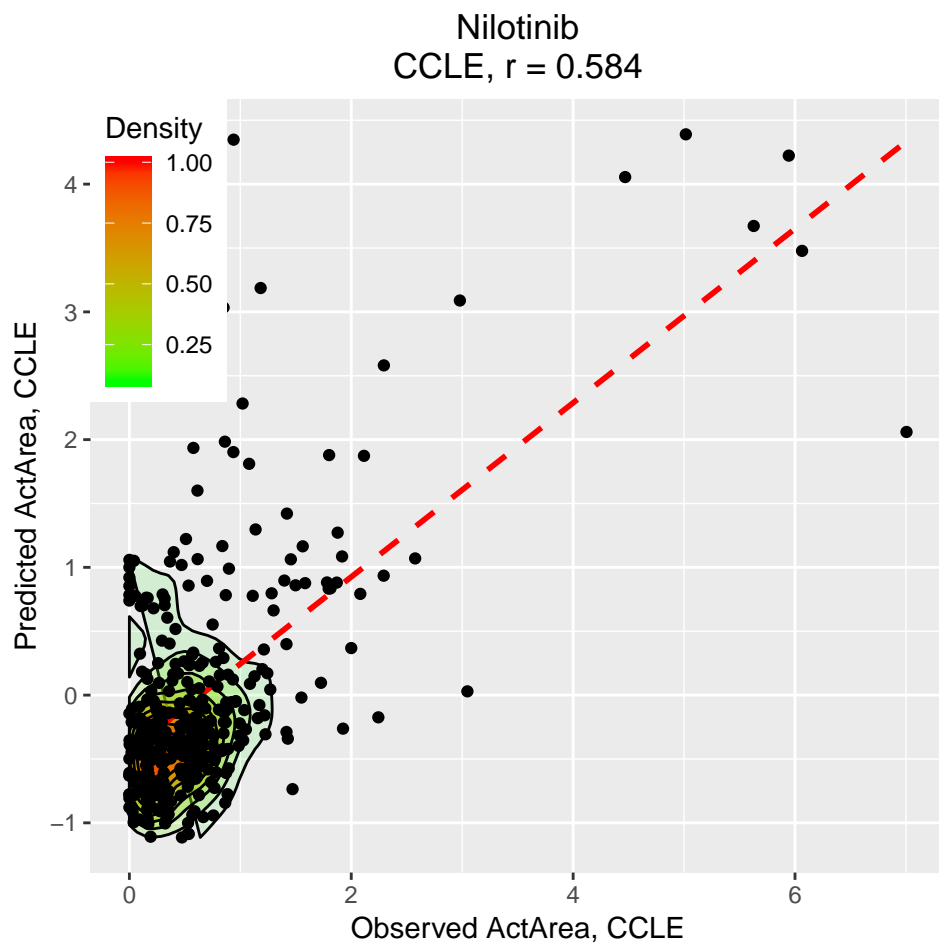
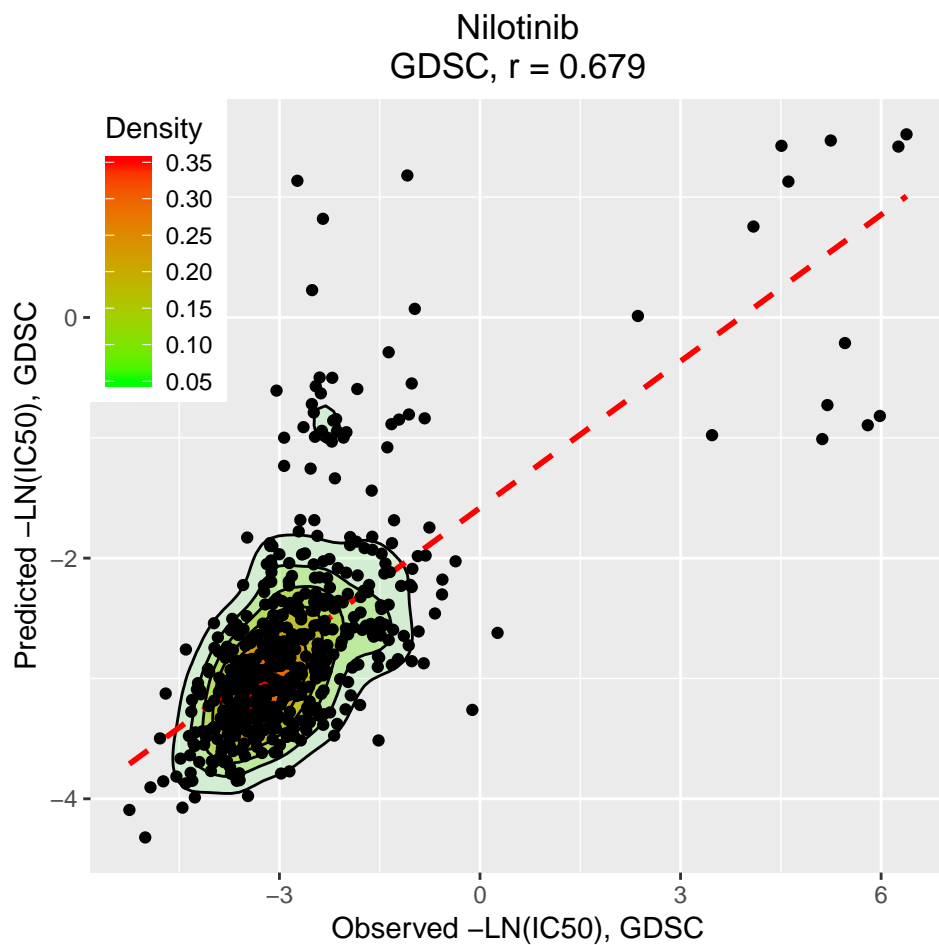
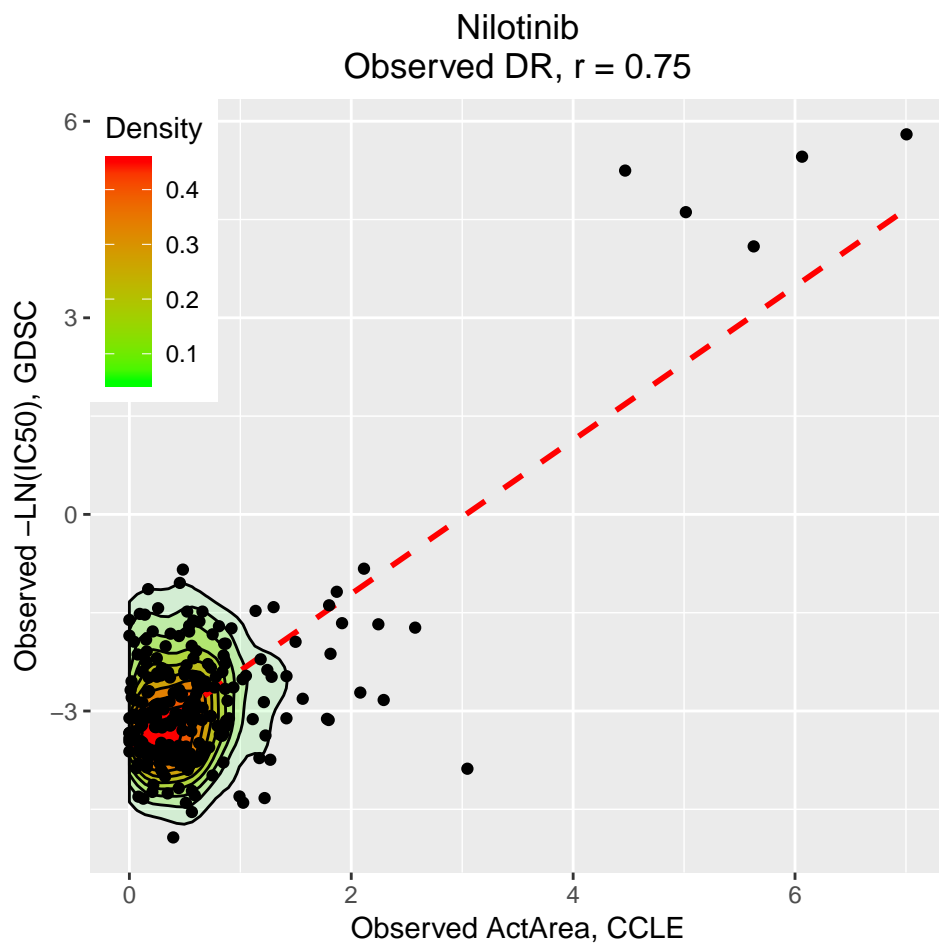


Lapatinib
CCLE, $r = 0.565$

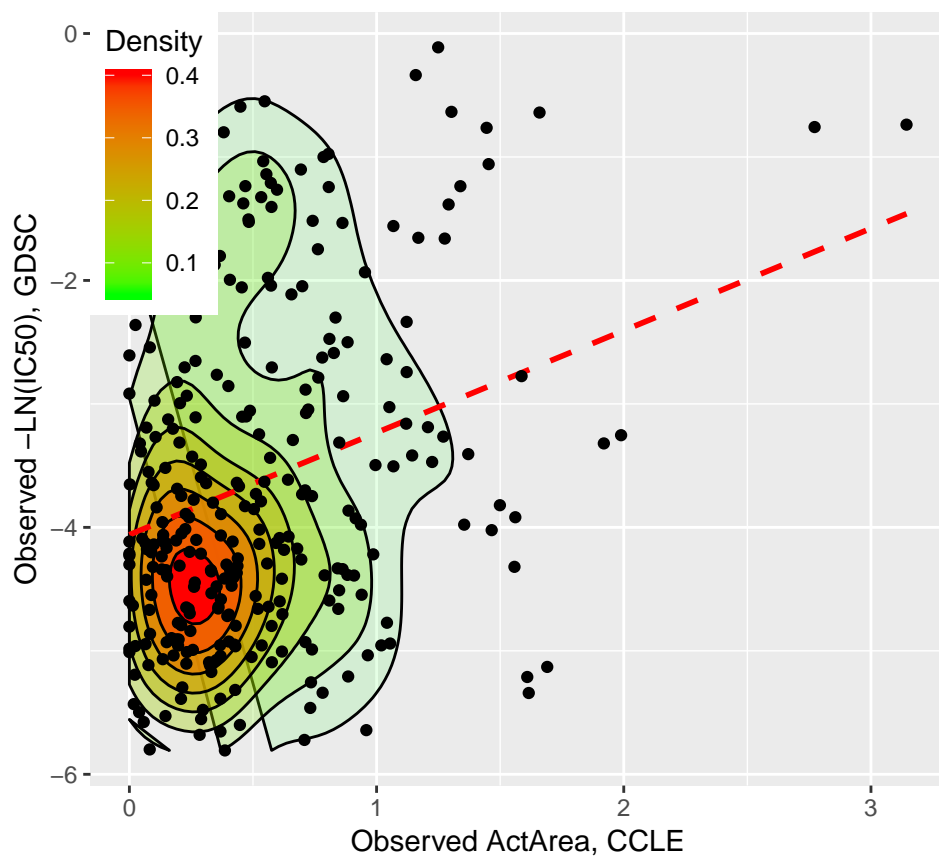


Lapatinib
Predicted DR, $r = 0.723$

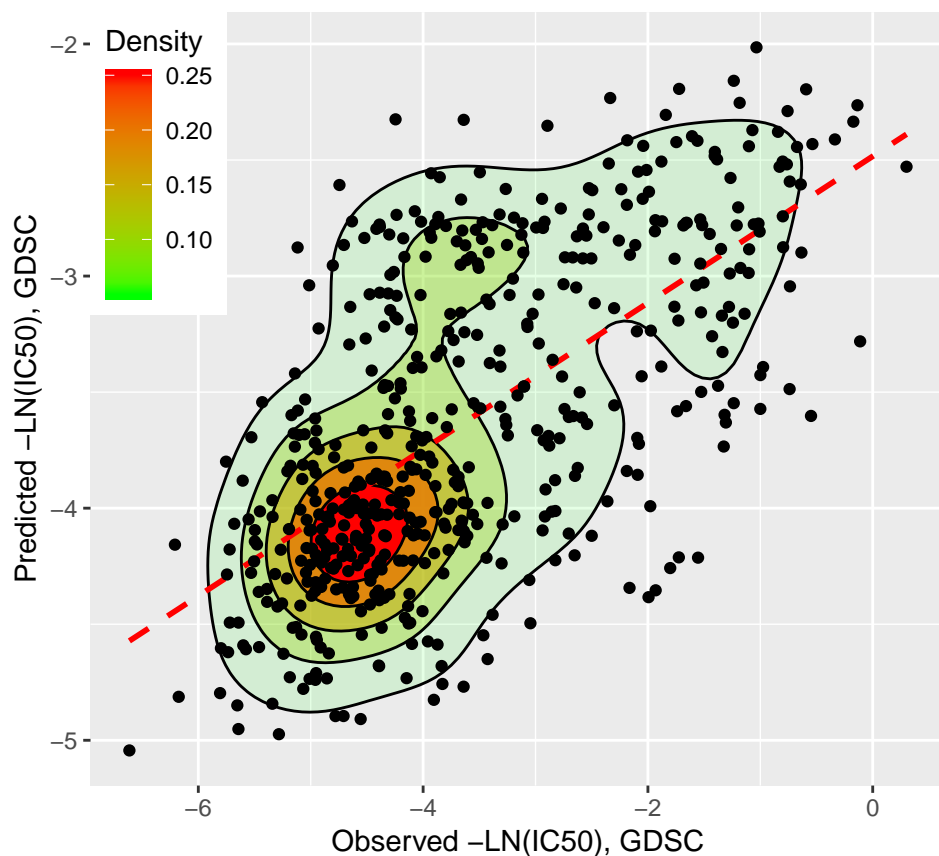




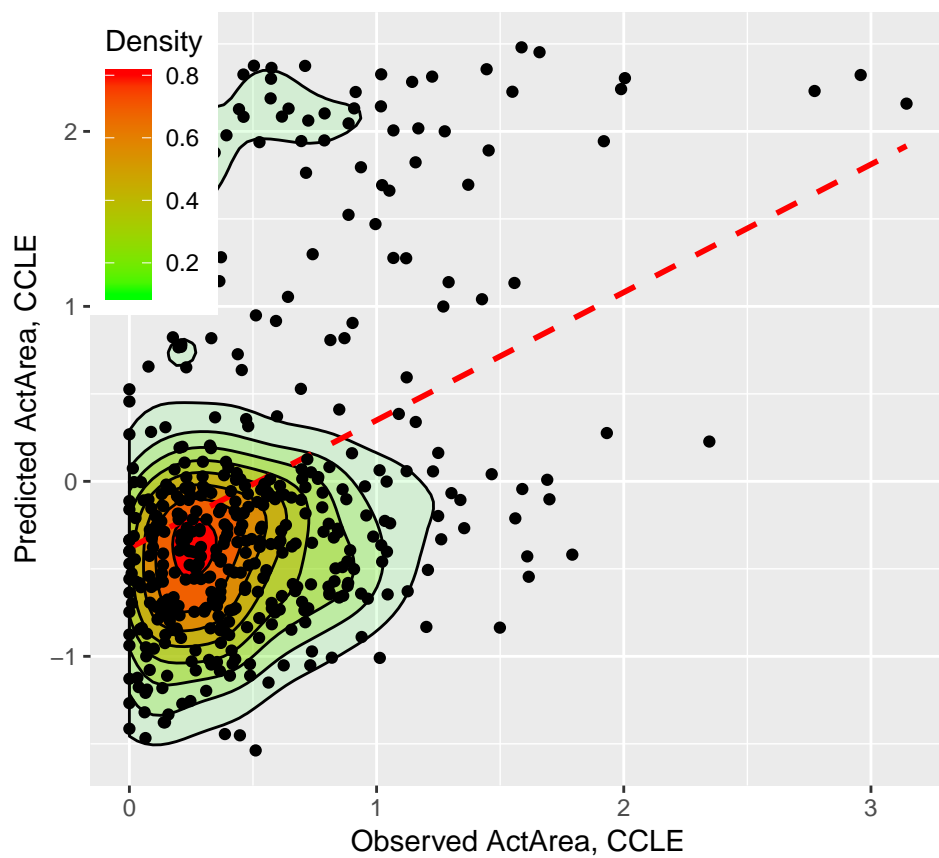
Nutlin-3
Observed DR, $r = 0.277$



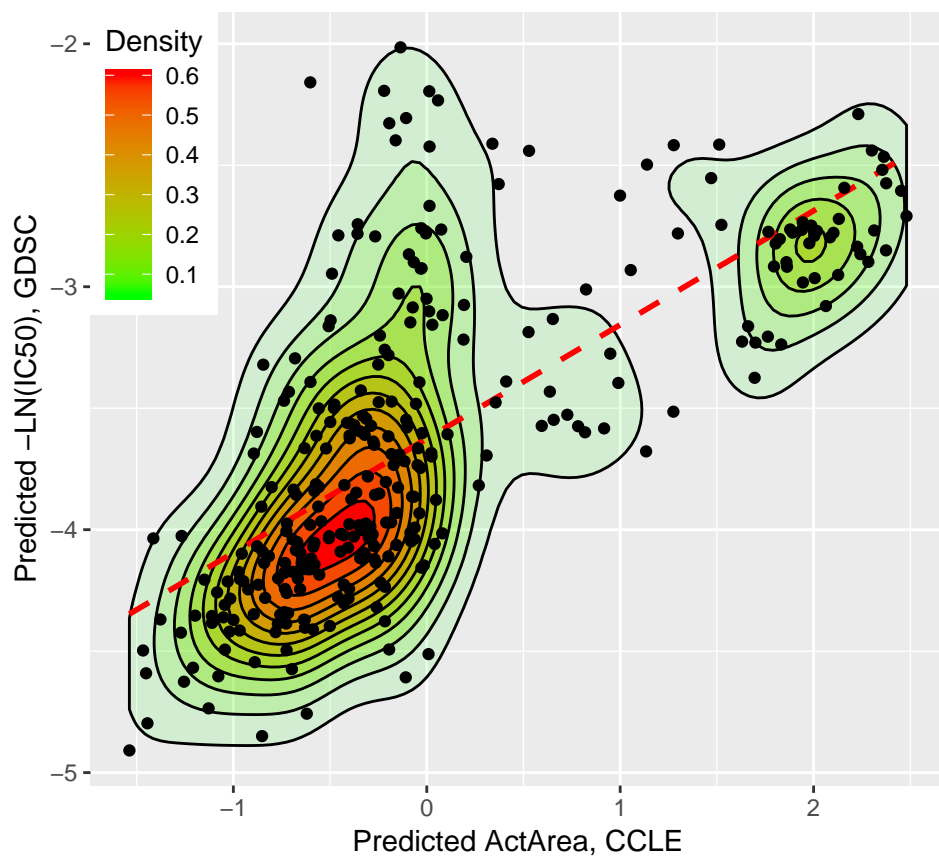
Nutlin-3a (-)
GDSC, $r = 0.635$



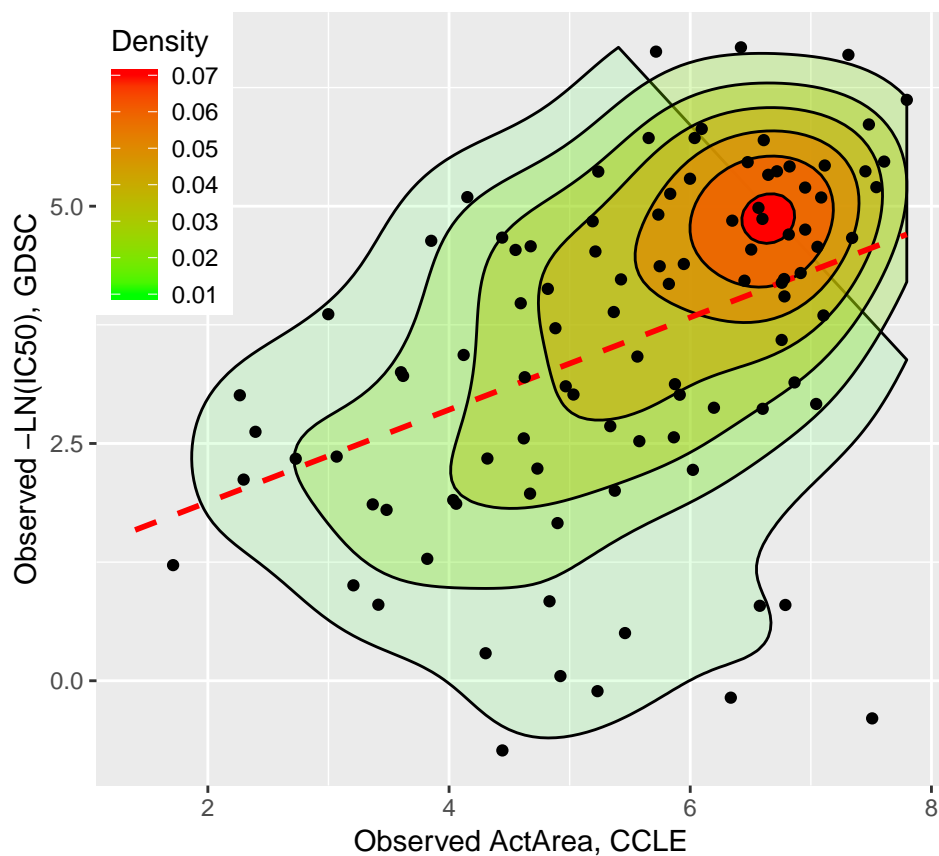
Nutlin-3
CCLE, $r = 0.348$



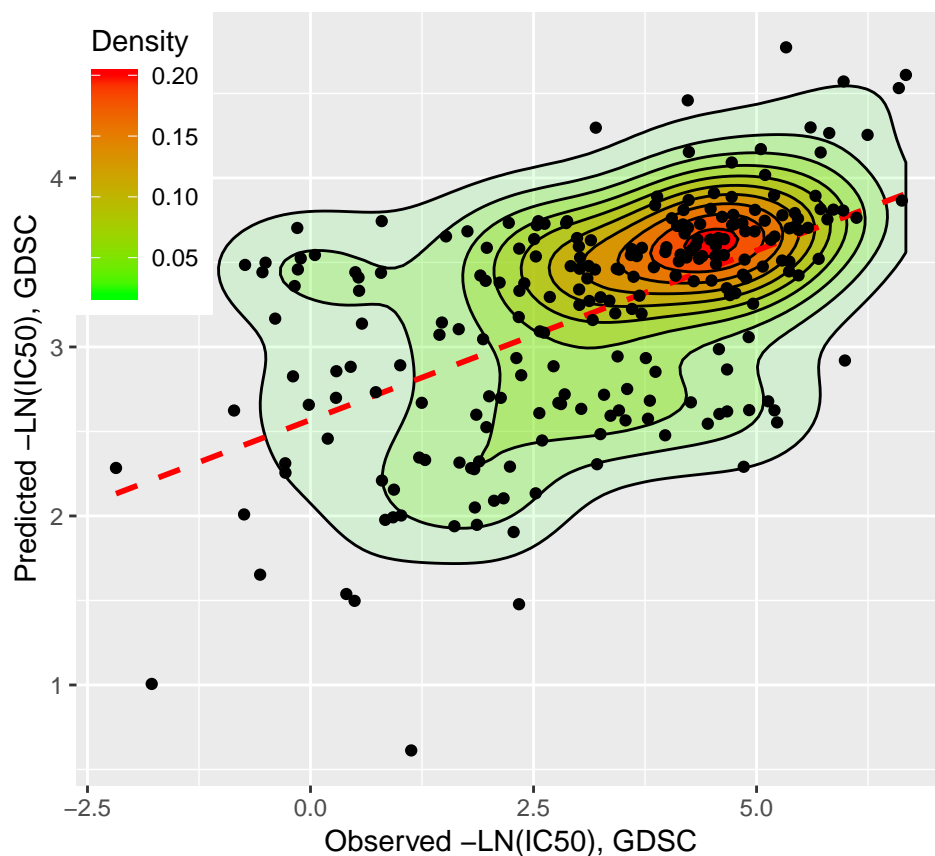
Nutlin-3a (-)
Predicted DR, $r = 0.706$



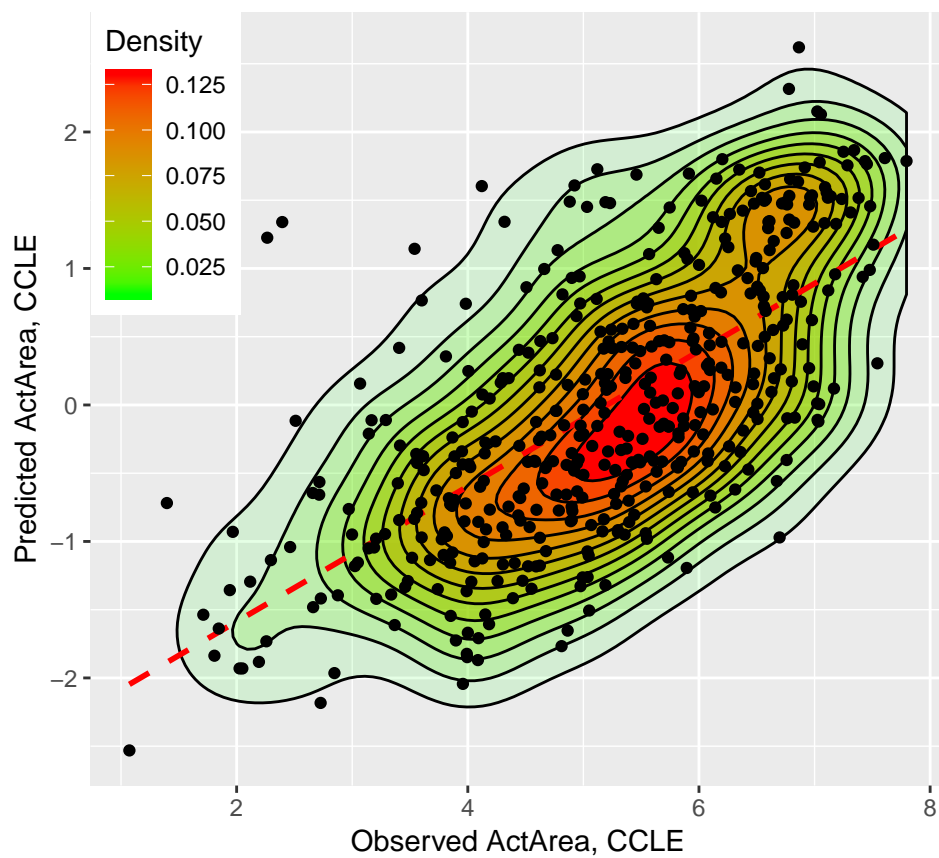
Paclitaxel
Observed DR, $r = 0.404$



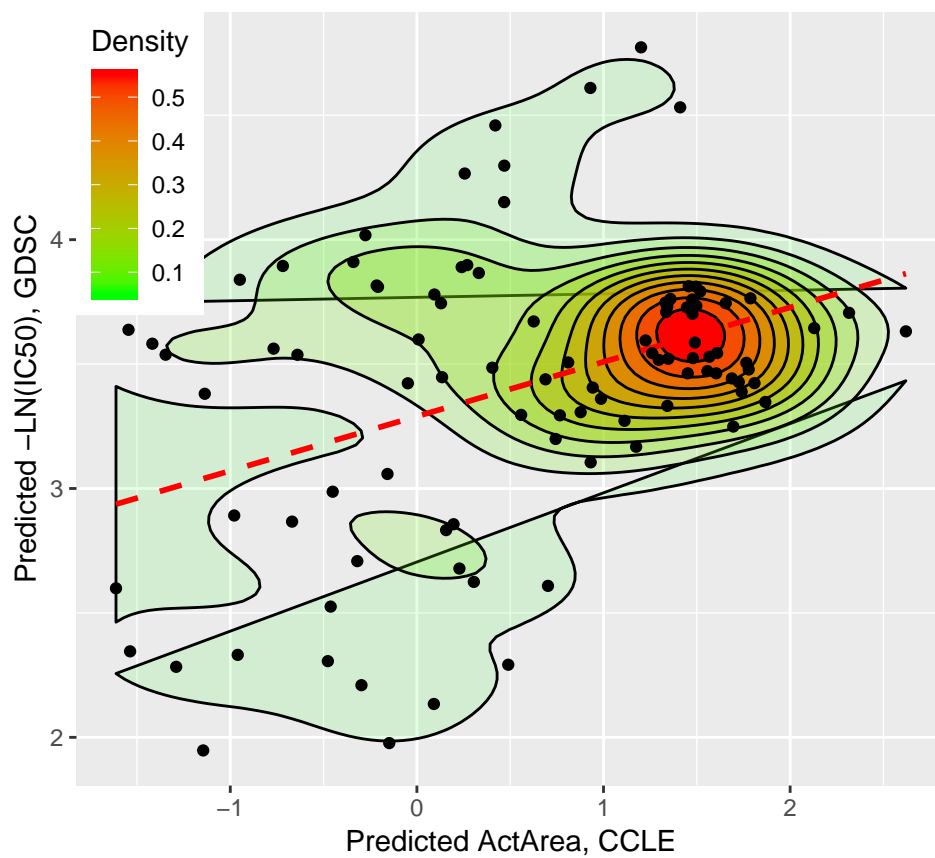
Paclitaxel
GDSC, $r = 0.554$



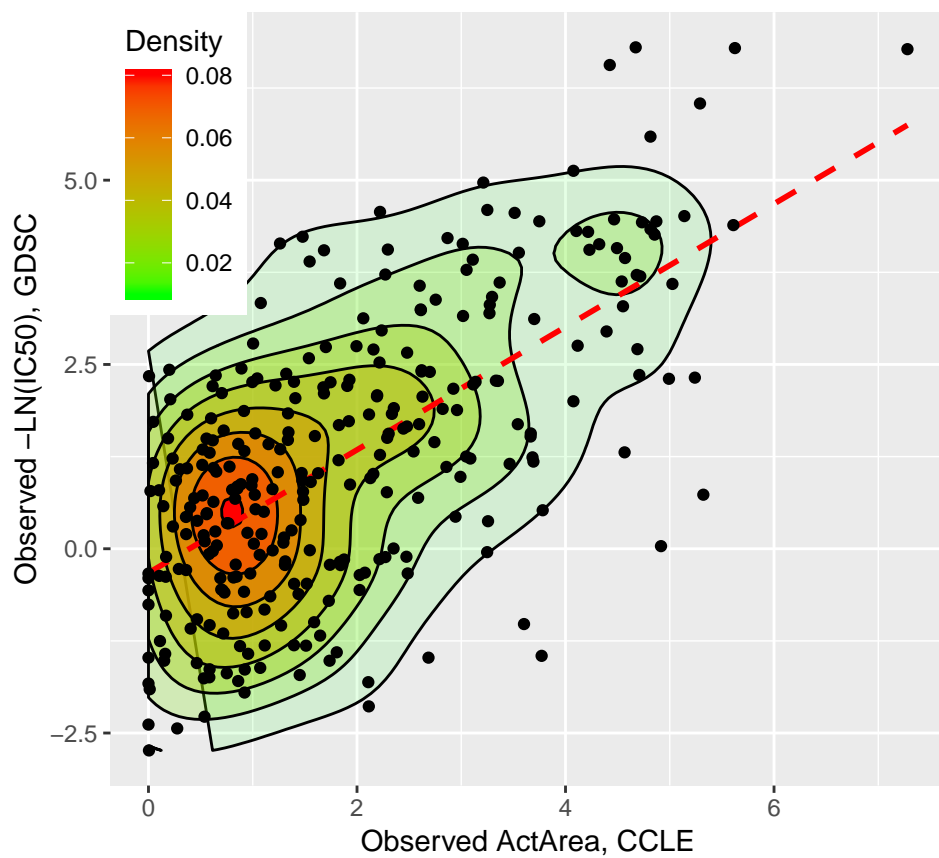
Paclitaxel
CCLE, $r = 0.669$



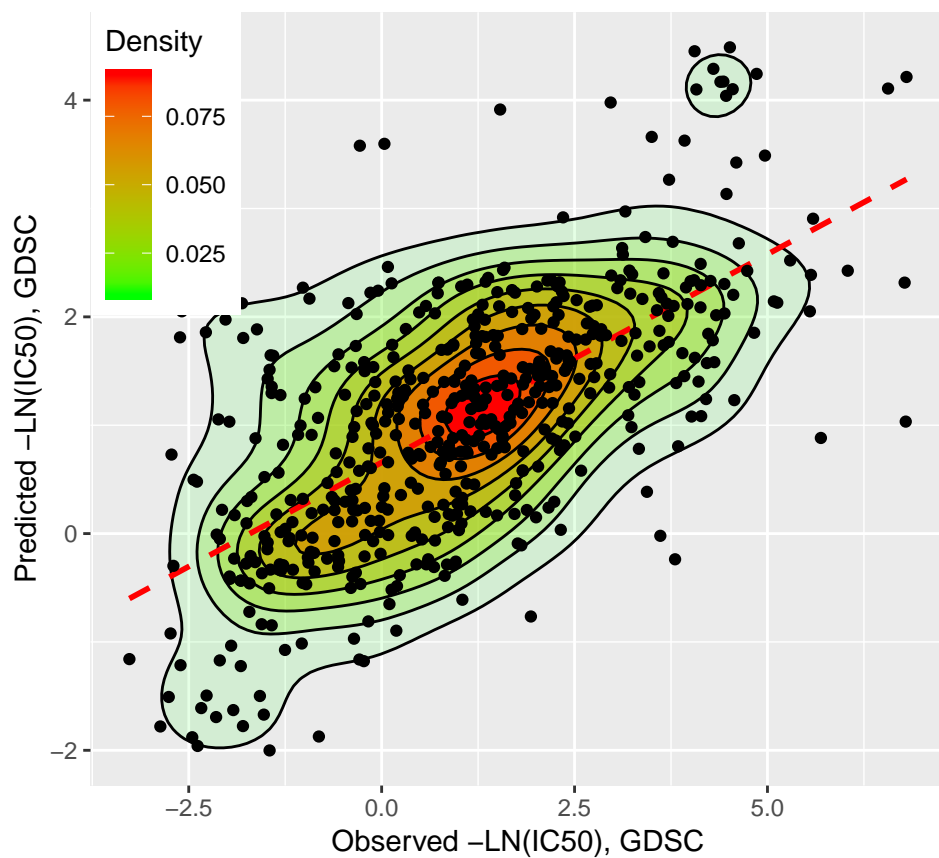
Paclitaxel
Predicted DR, $r = 0.393$



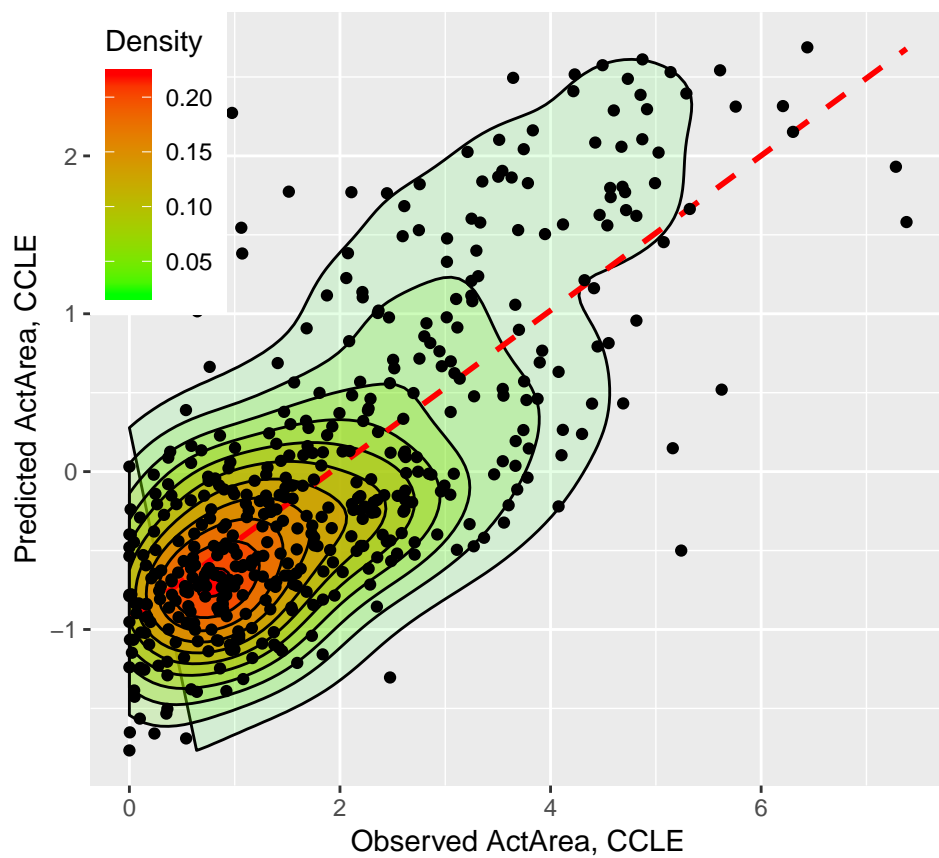
PD-0325901
Observed DR, $r = 0.636$



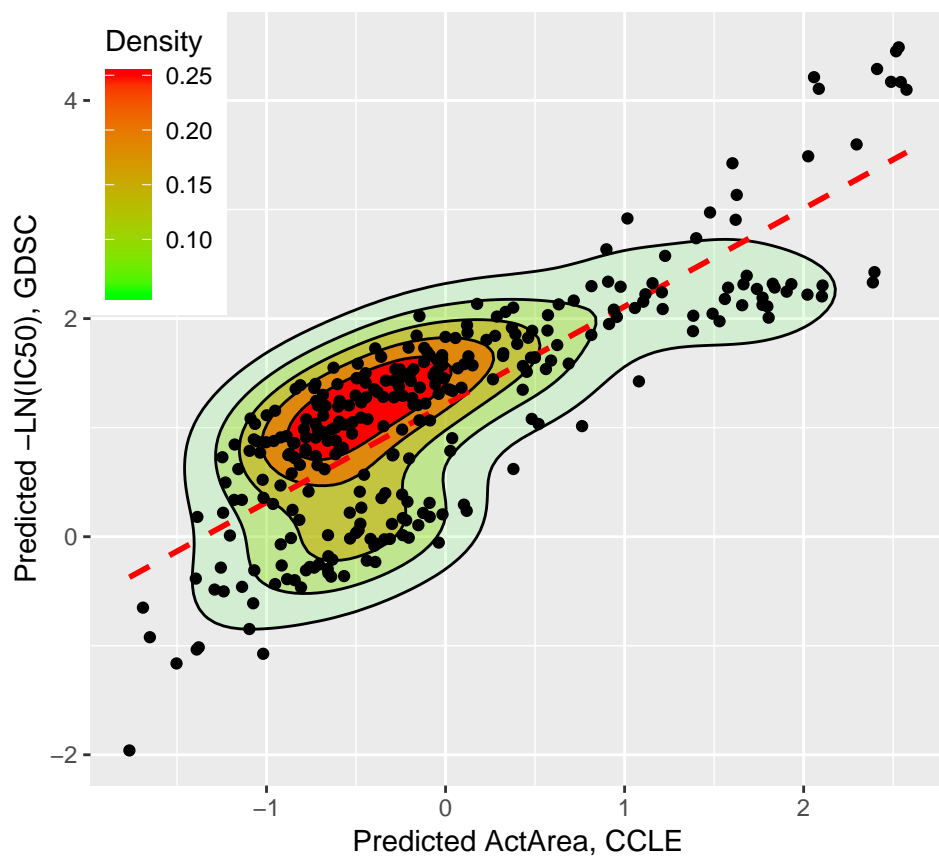
PD0325901
GDSC, $r = 0.653$



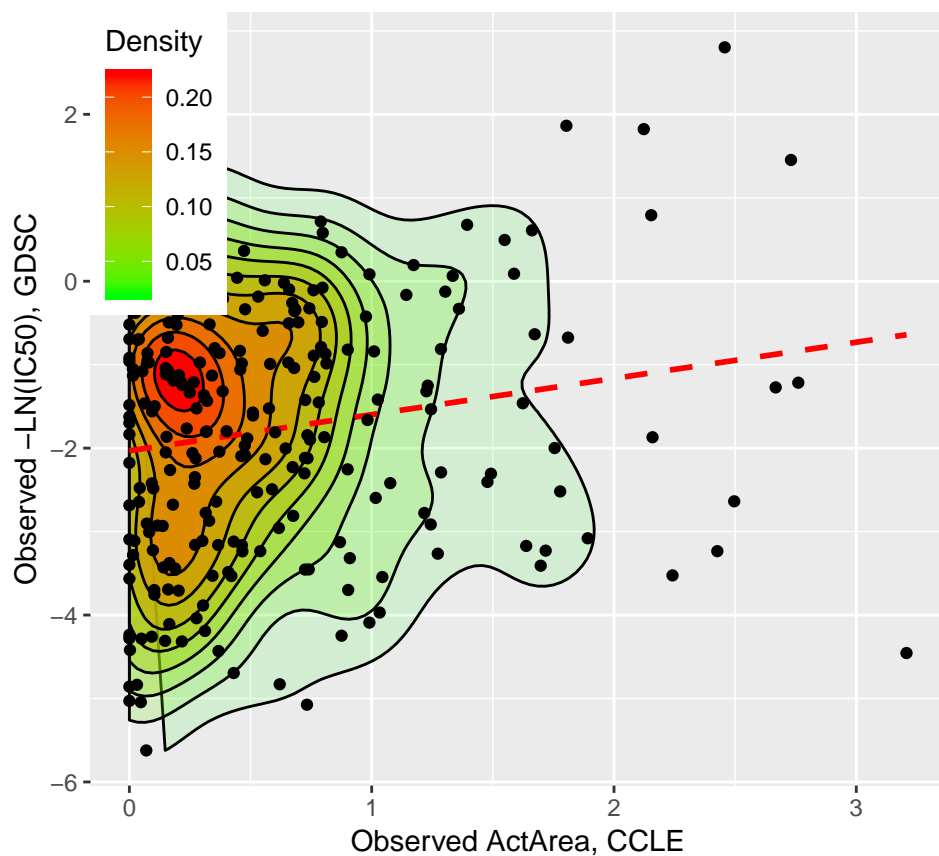
PD-0325901
CCLE, $r = 0.74$



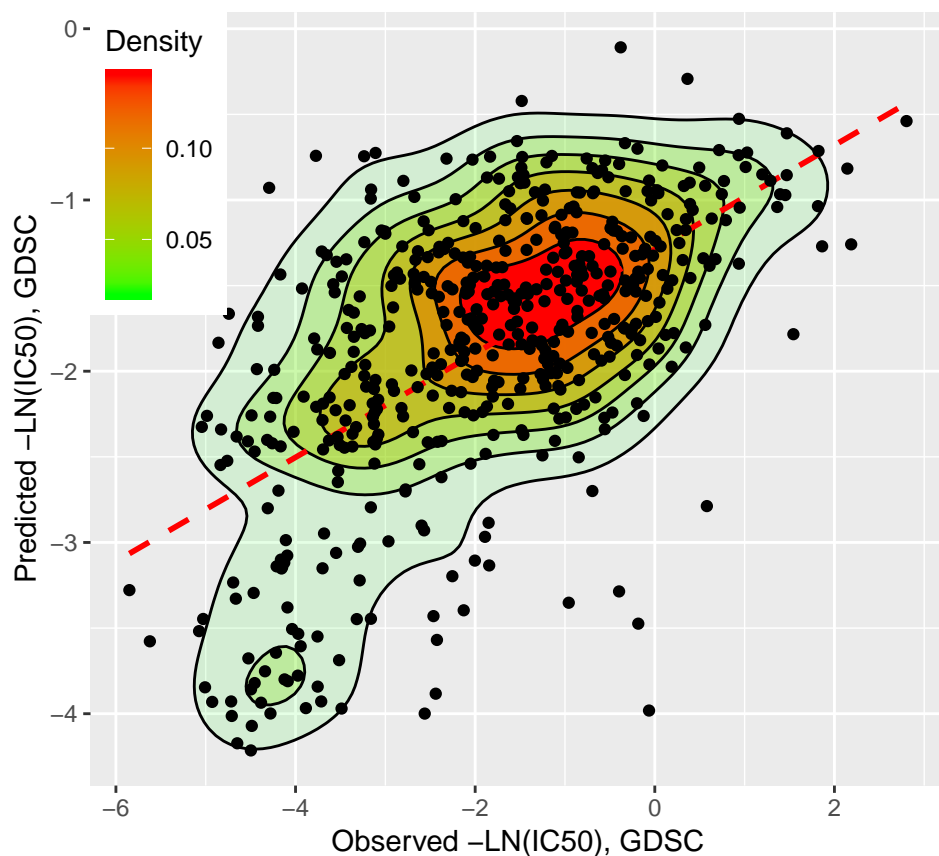
PD0325901
Predicted DR, $r = 0.823$



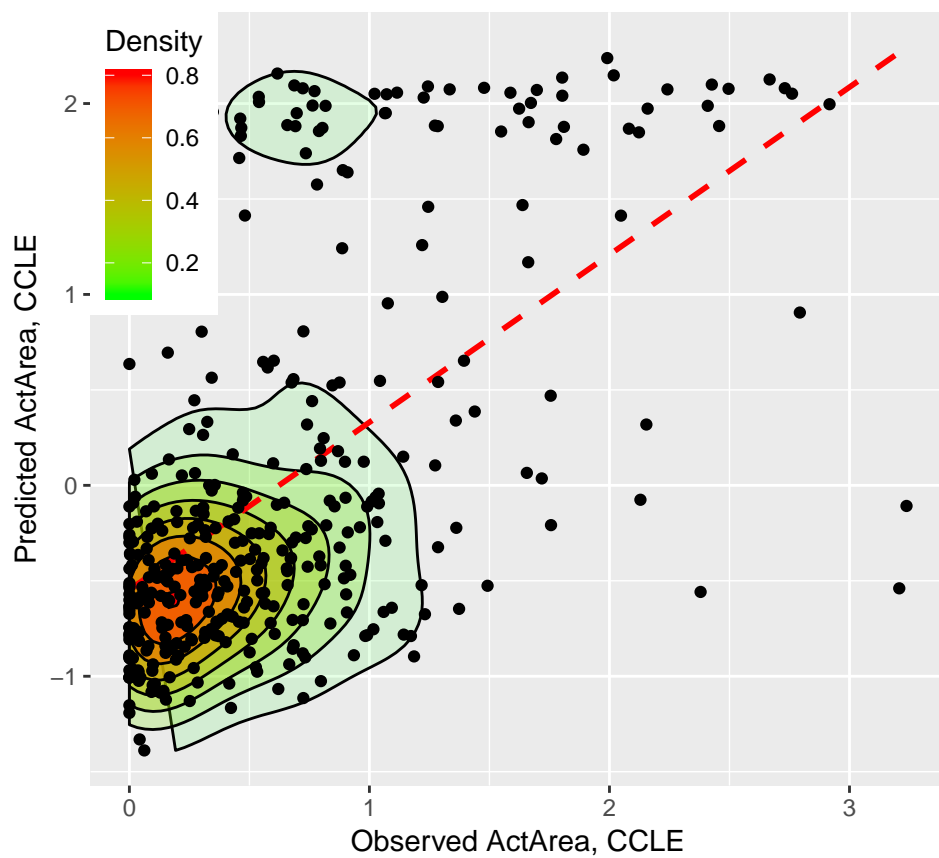
PD-0332991
Observed DR, $r = 0.174$



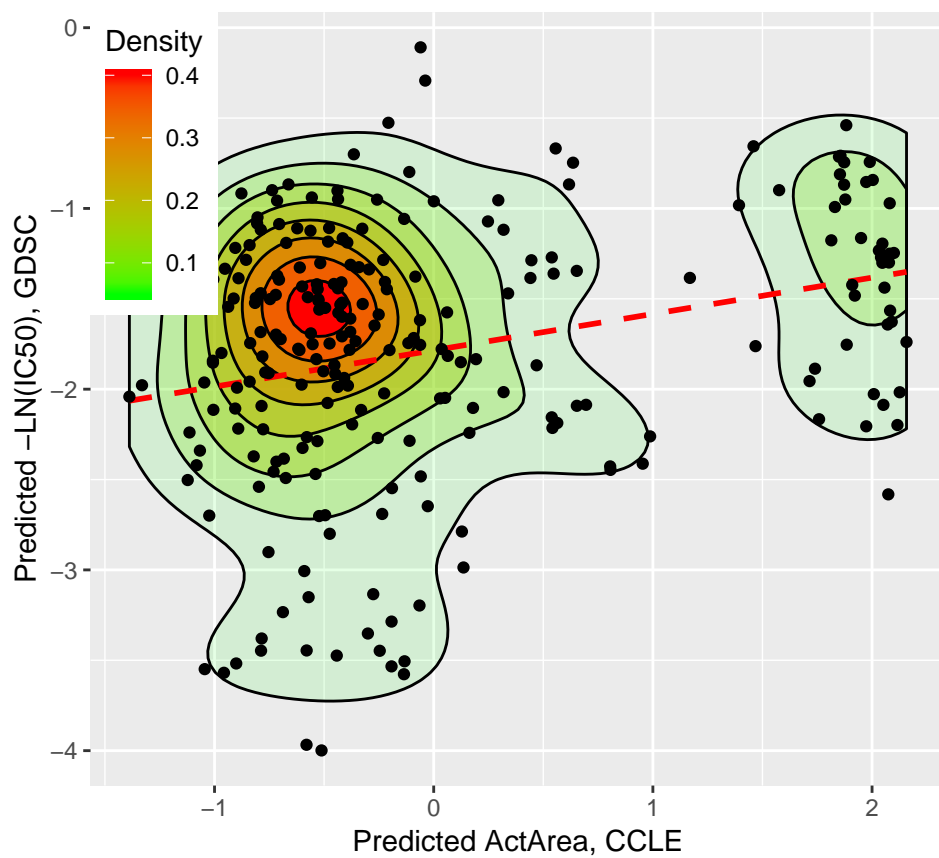
Palbociclib
GDSC, $r = 0.597$



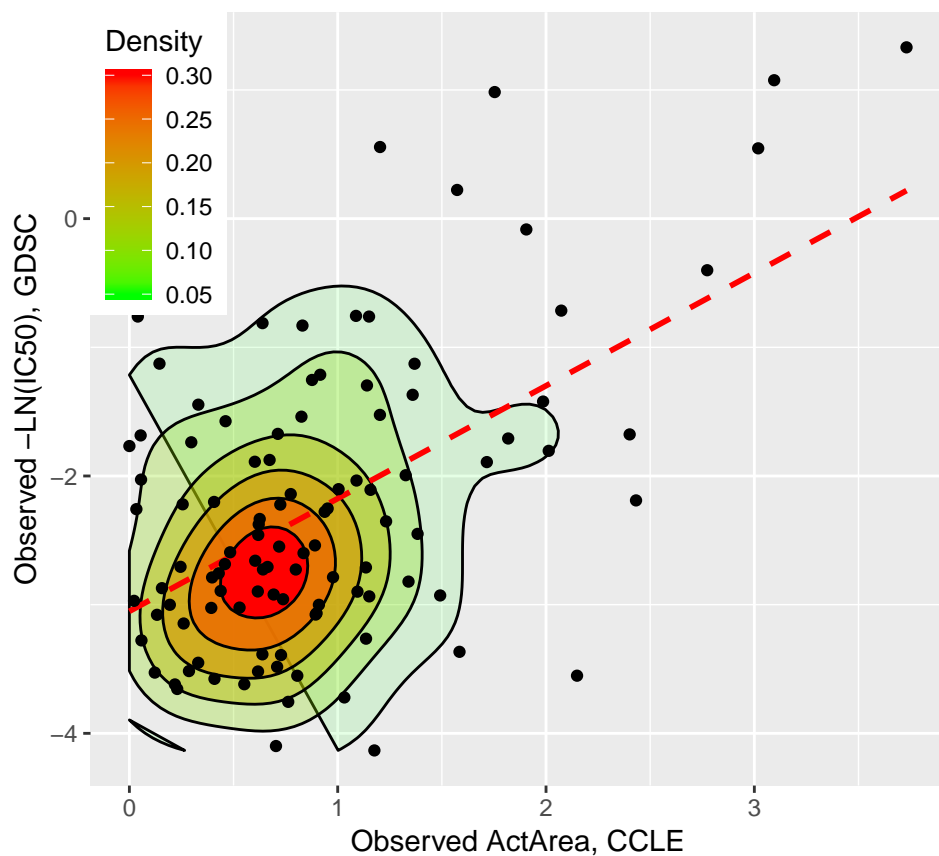
PD-0332991
CCLE, $r = 0.559$



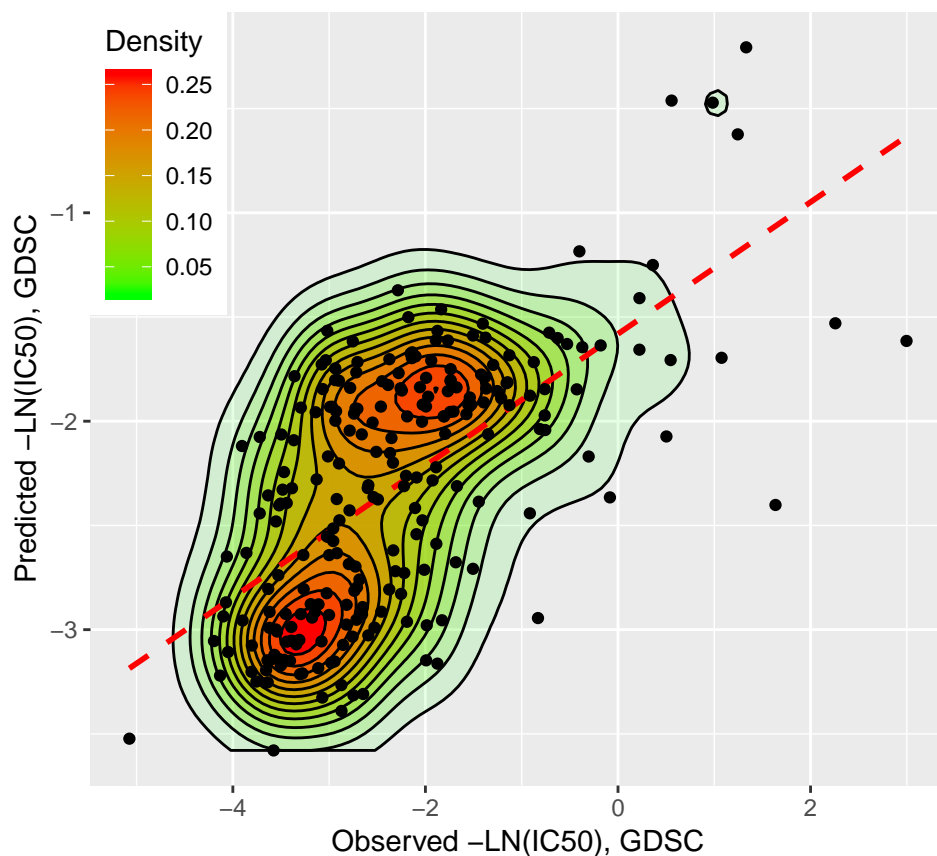
Palbociclib
Predicted DR, $r = 0.273$



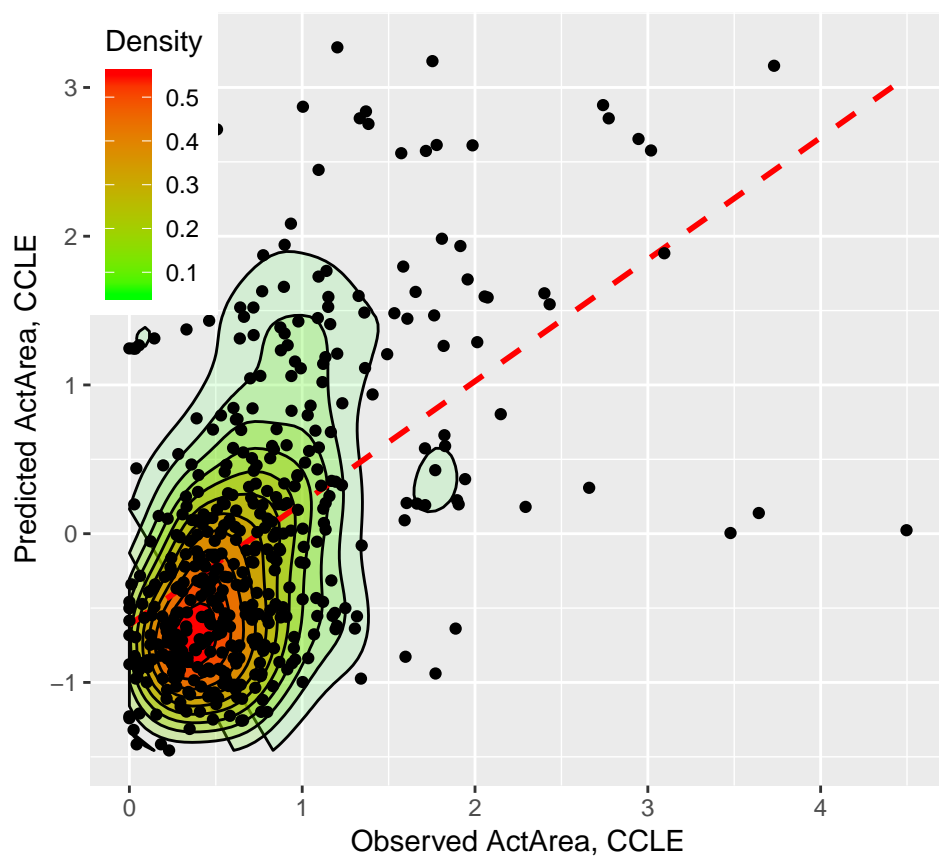
PF-2341066
Observed DR, $r = 0.54$



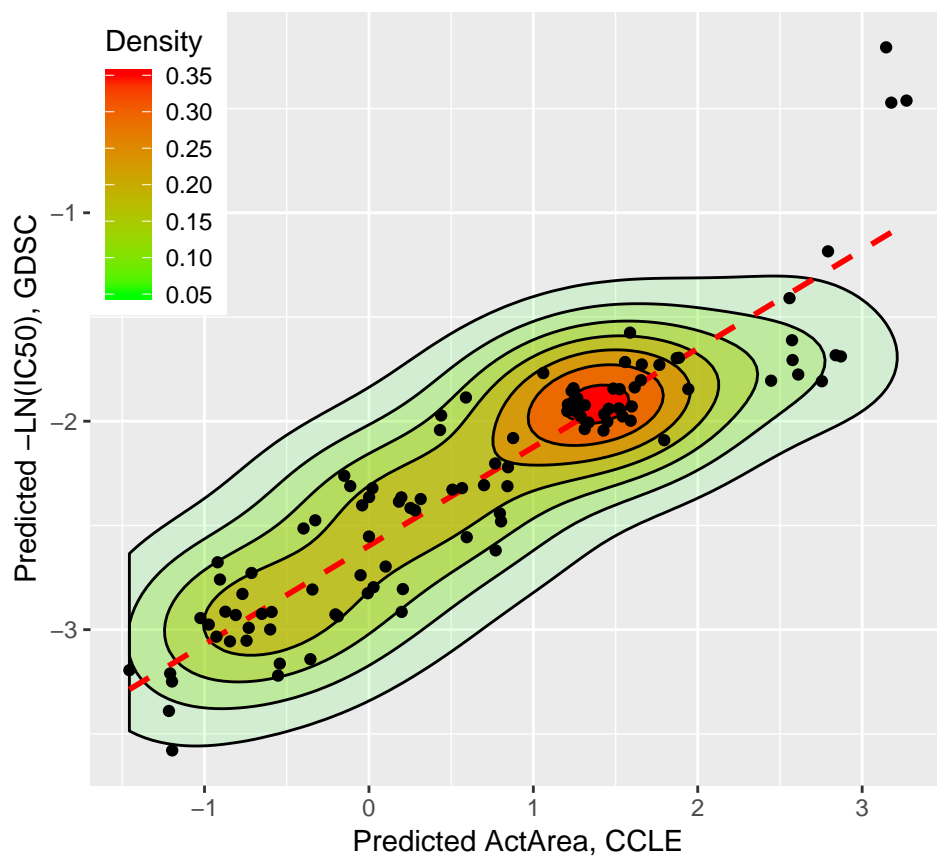
Crizotinib
GDSC, $r = 0.634$



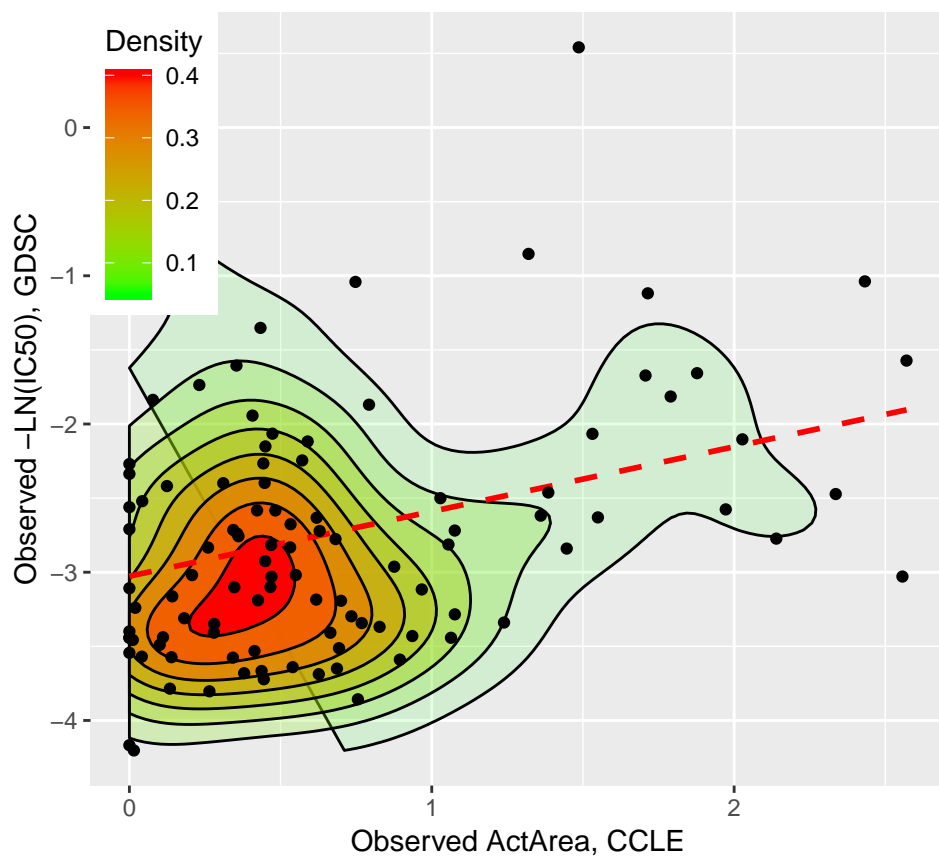
PF2341066
CCLE, $r = 0.511$



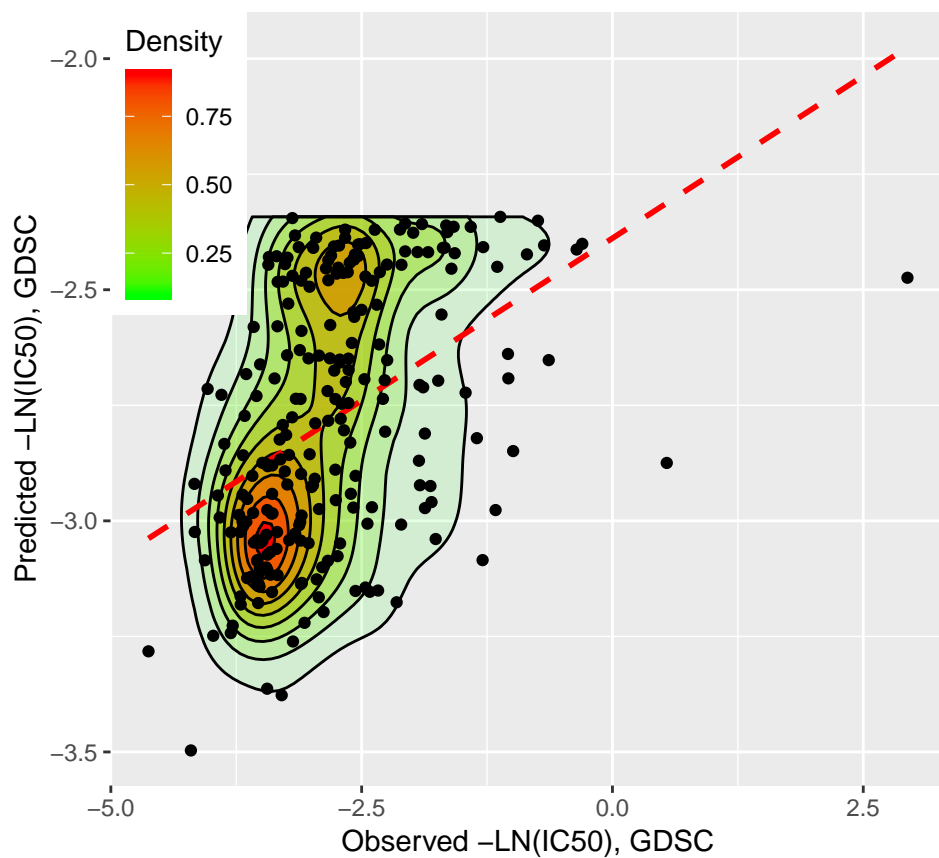
Crizotinib
Predicted DR, $r = 0.917$



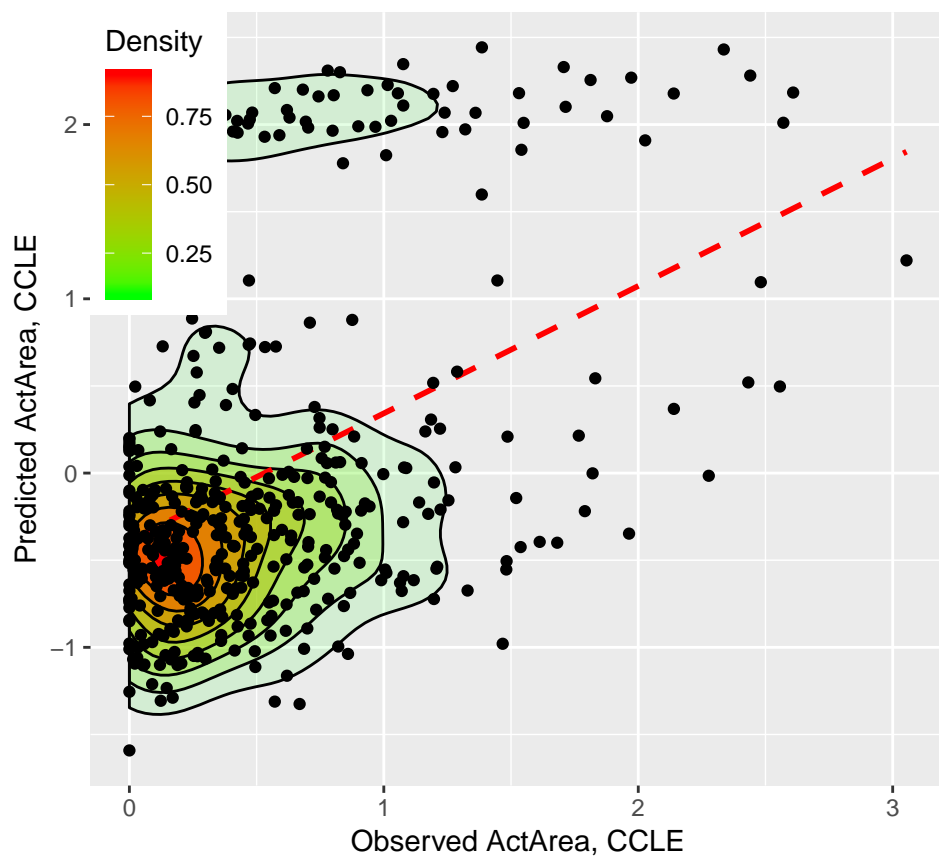
PHA-665752
Observed DR, $r = 0.322$



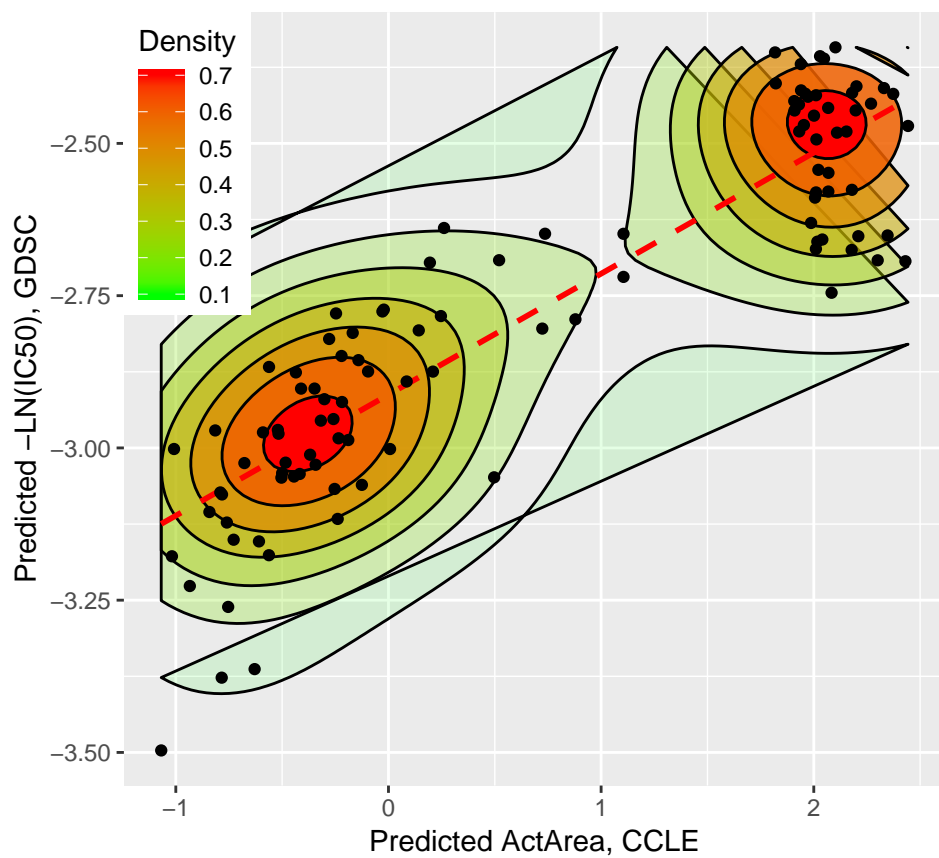
PHA-665752
GDSC, $r = 0.448$



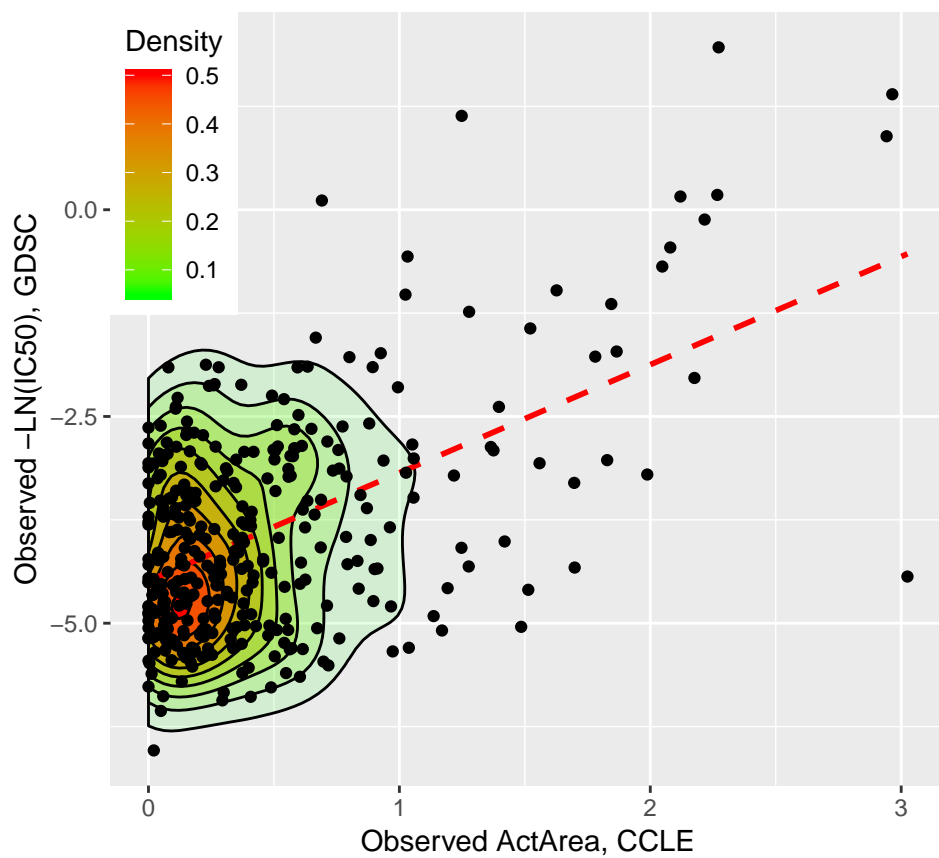
PHA-665752
CCLE, $r = 0.406$



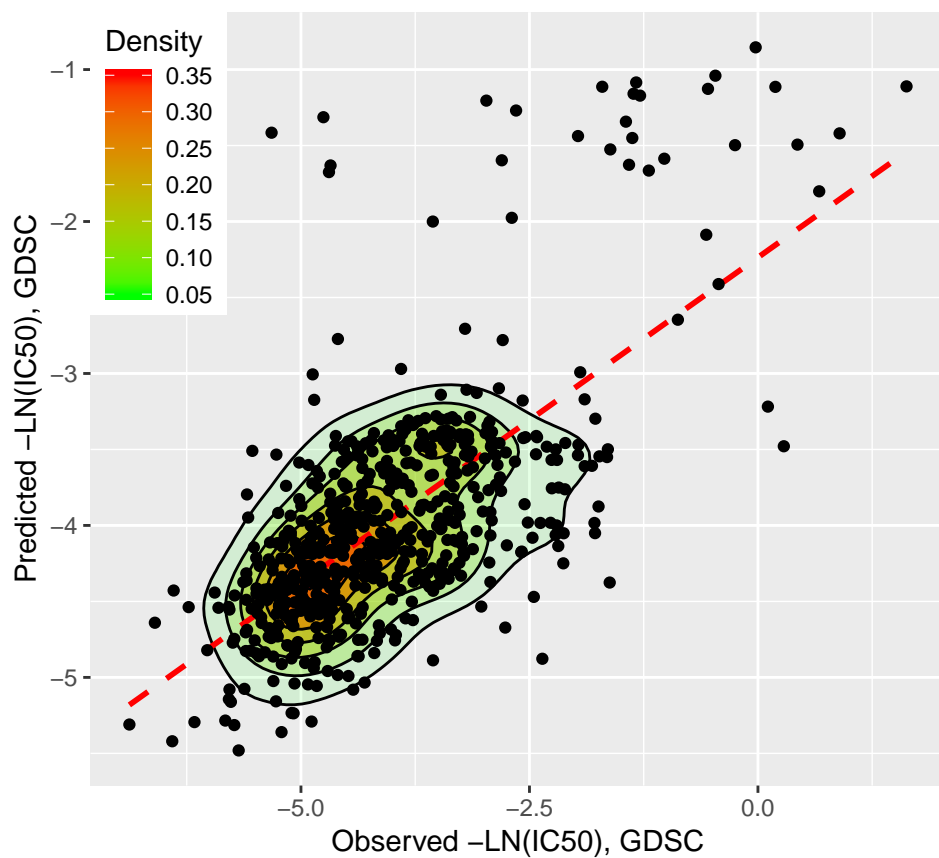
PHA-665752
Predicted DR, $r = 0.884$



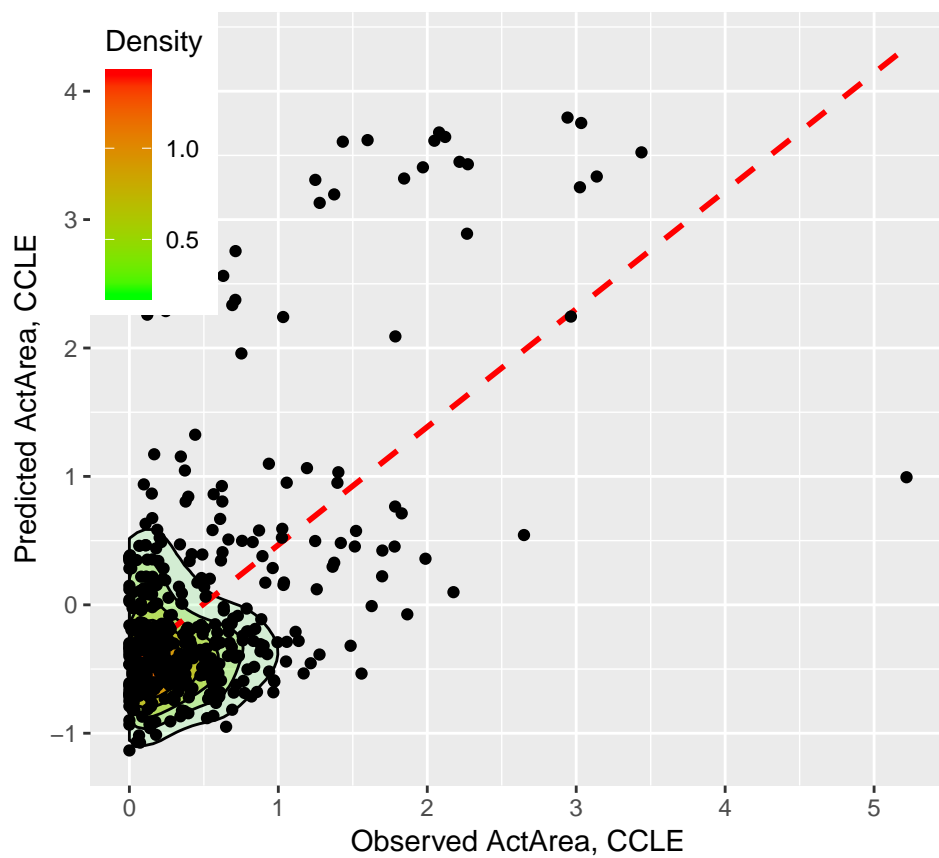
PLX4720
Observed DR, $r = 0.521$



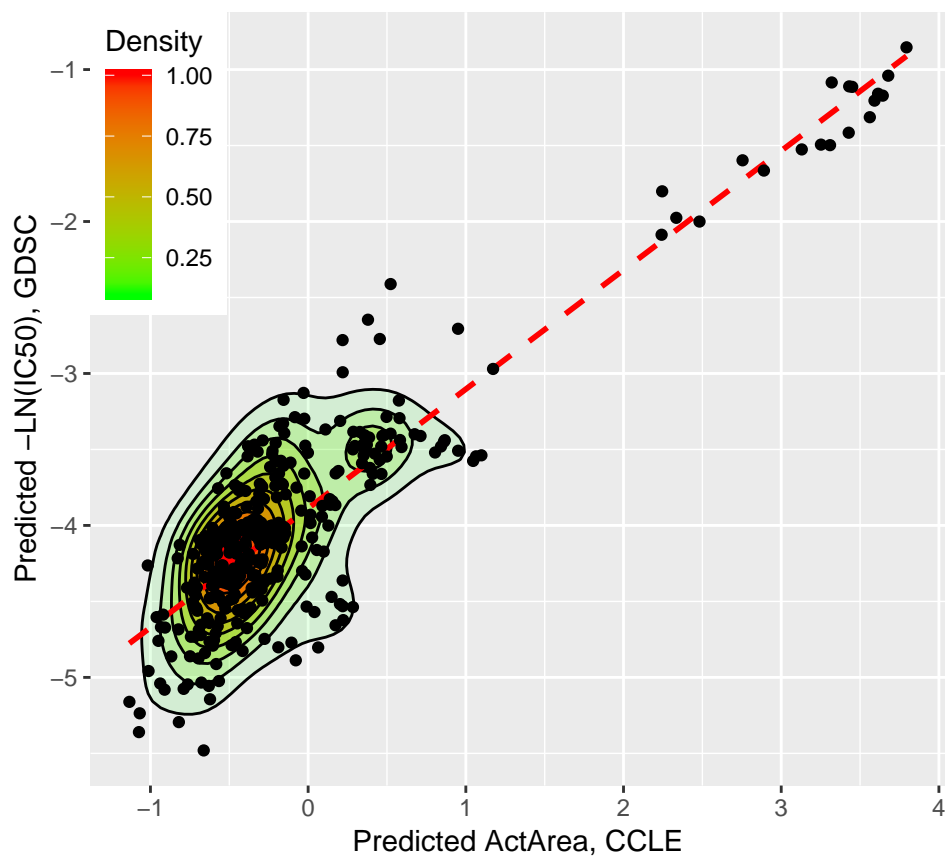
PLX-4720
GDSC, $r = 0.674$



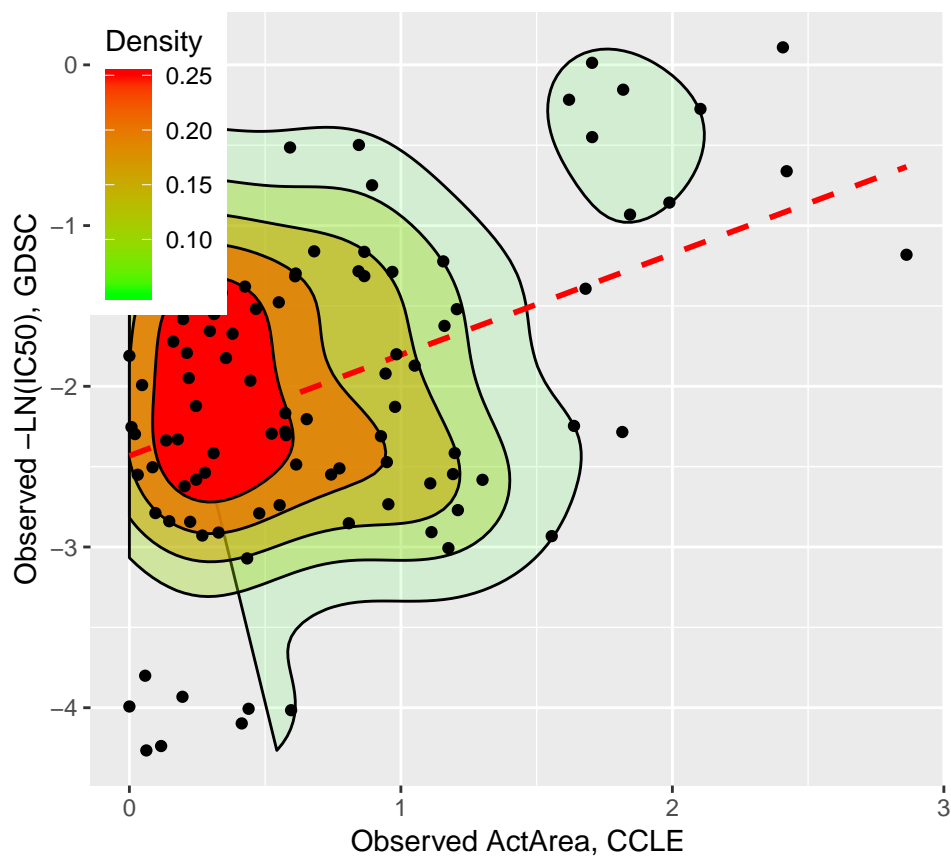
PLX4720
CCLE, $r = 0.565$



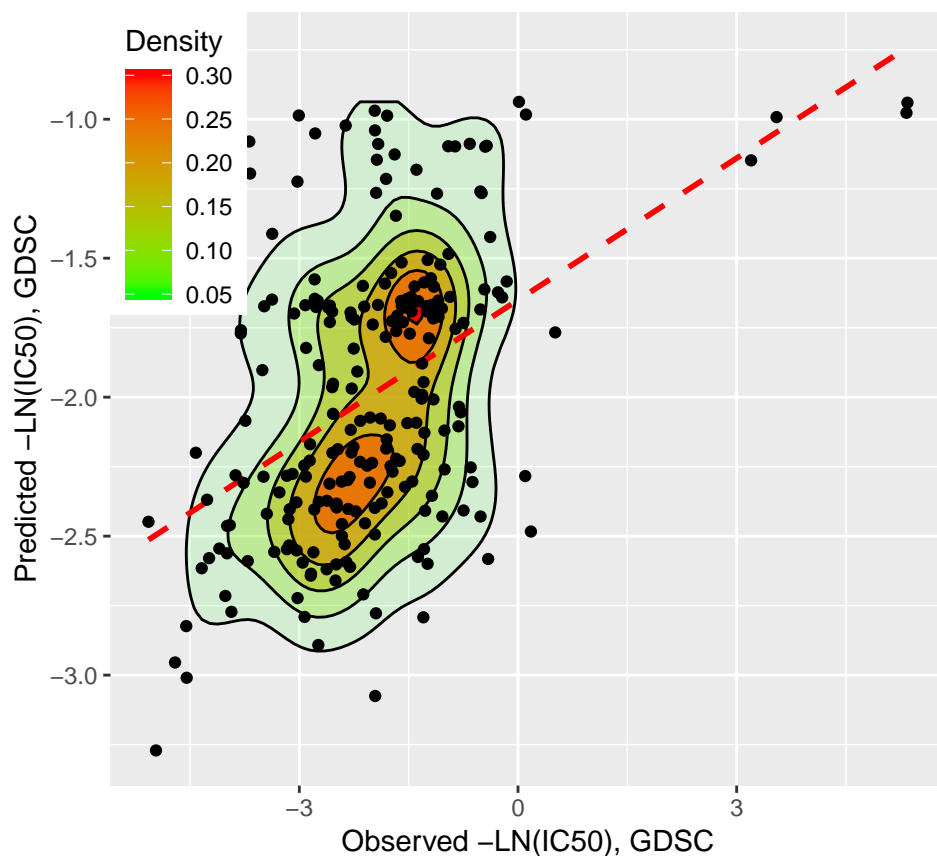
PLX-4720
Predicted DR, $r = 0.894$



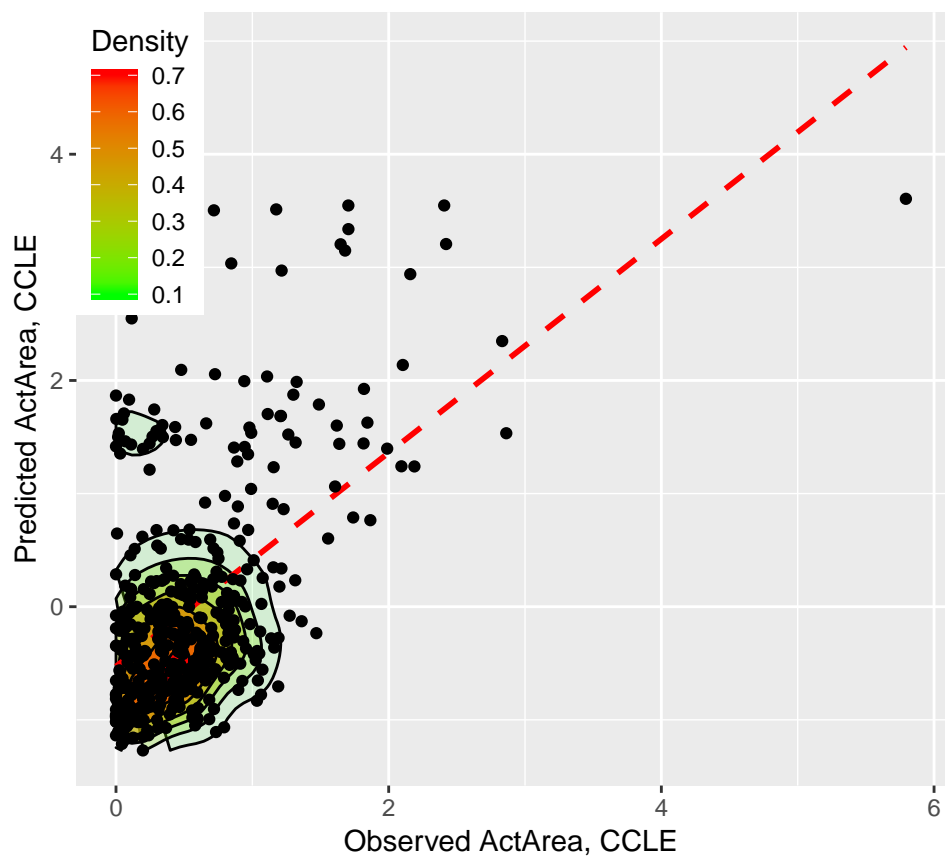
Sorafenib
Observed DR, $r = 0.401$



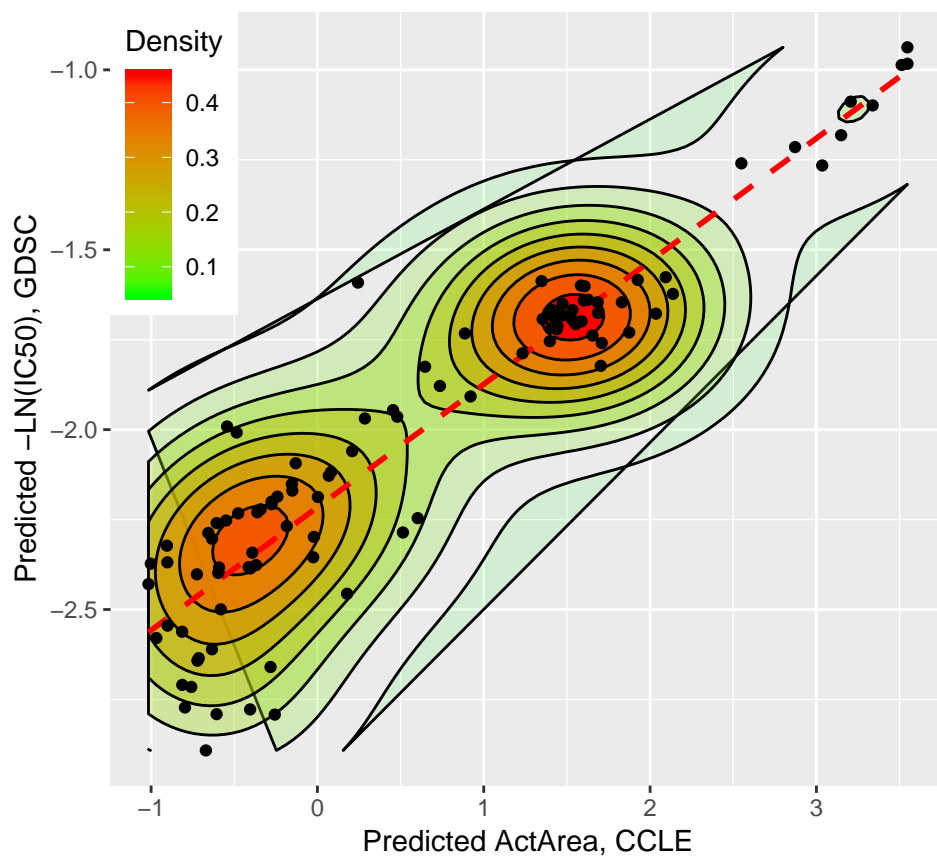
Sorafenib
GDSC, $r = 0.462$



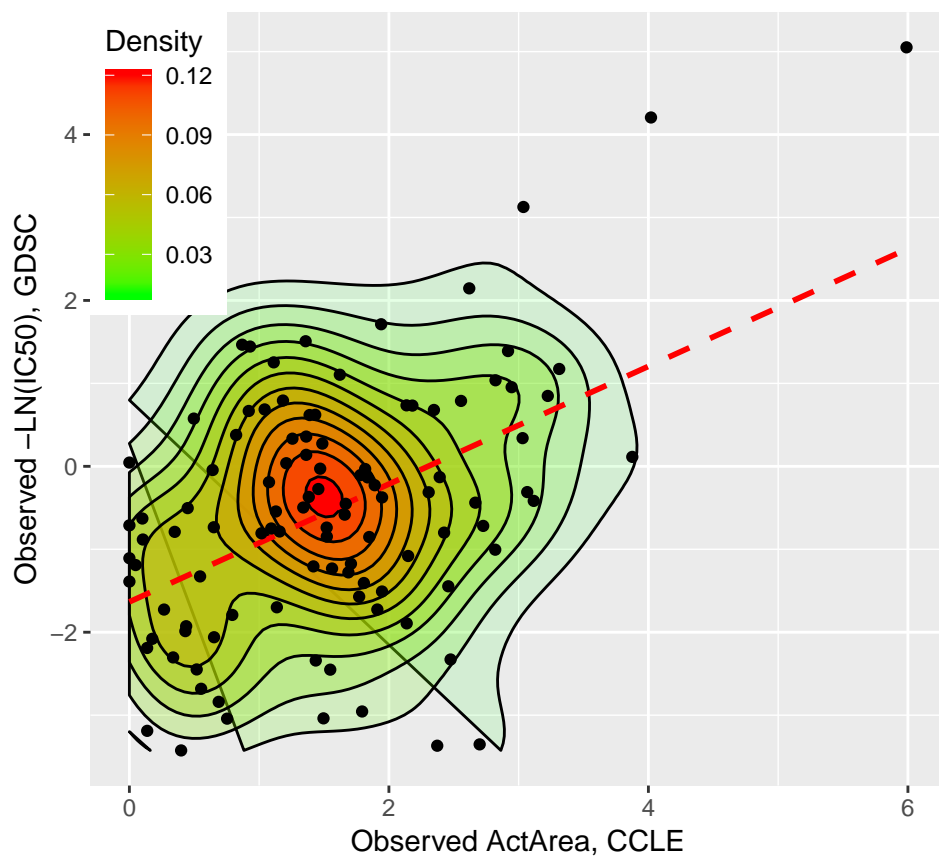
Sorafenib
CCLE, $r = 0.516$



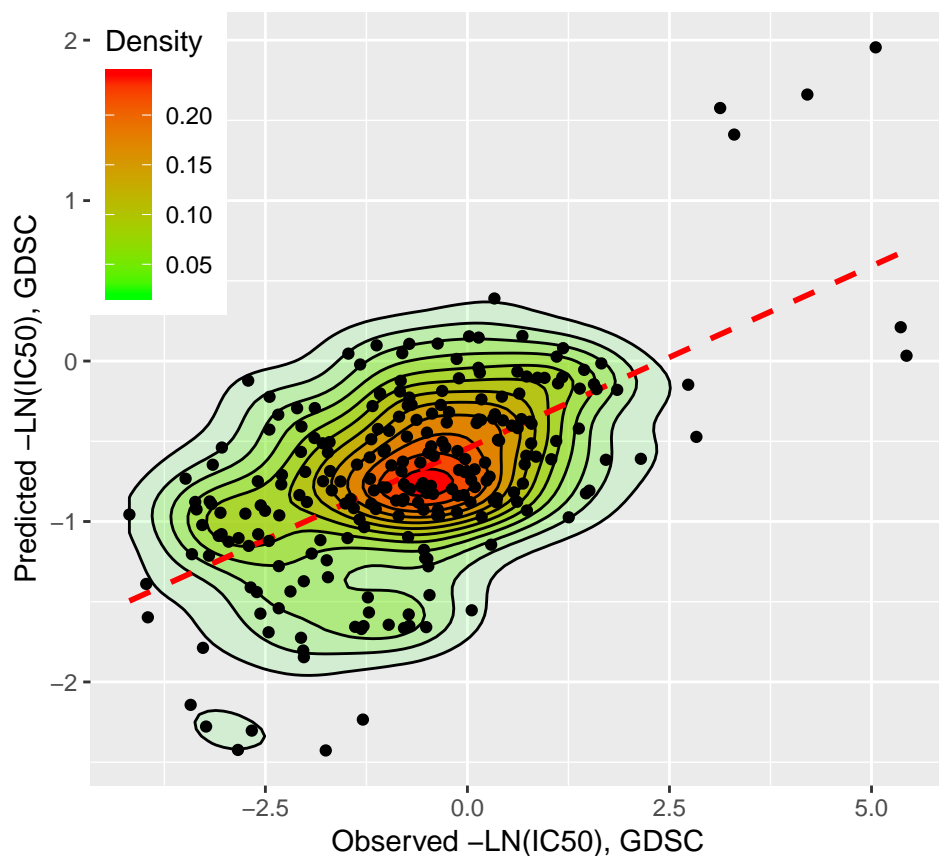
Sorafenib
Predicted DR, $r = 0.934$



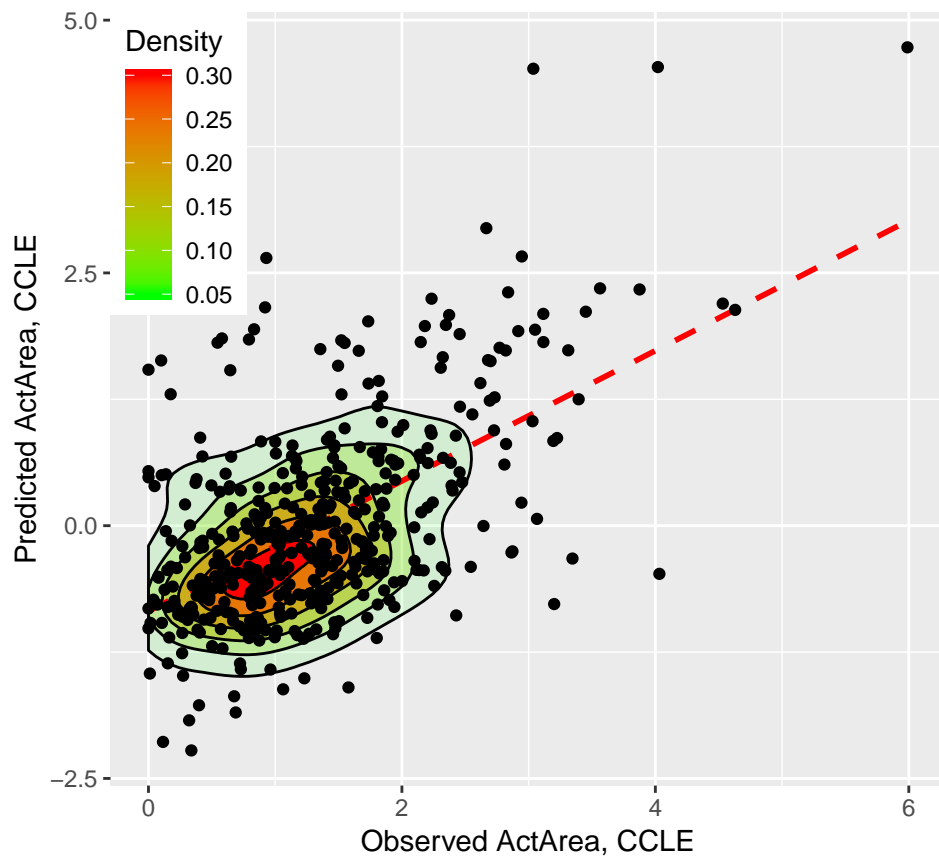
TAE684
Observed DR, $r = 0.486$



NVP-TAE684
GDSC, $r = 0.597$



TAE684
CCLE, $r = 0.571$



NVP-TAE684
Predicted DR, $r = 0.68$

