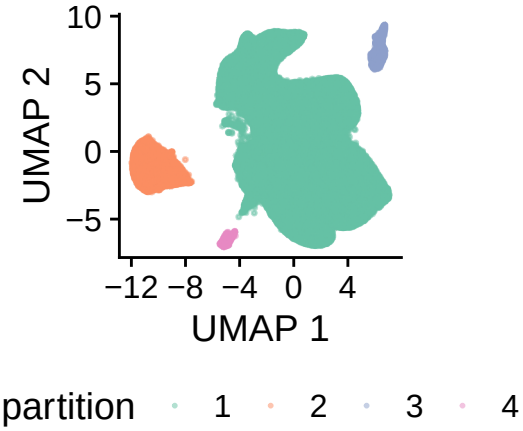
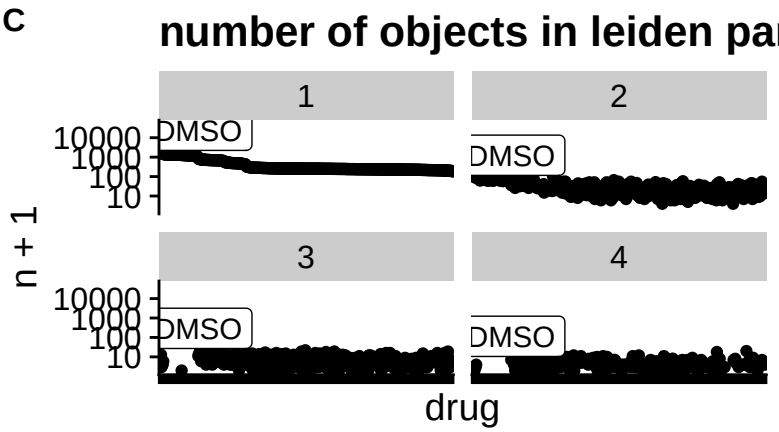
A



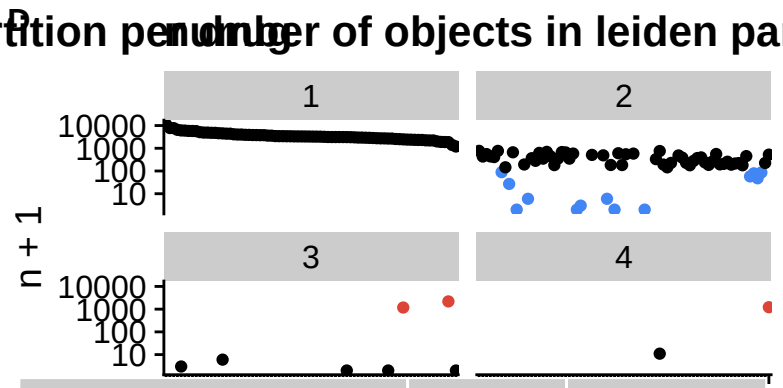
B

partition	n	ratio	min_ratio	max_ratio
1	283583	91.621	40.734	100.000
2	21320	6.888	0.020	19.551
3	3385	1.094	0.026	52.917
4	1228	0.397	0.258	41.414

C

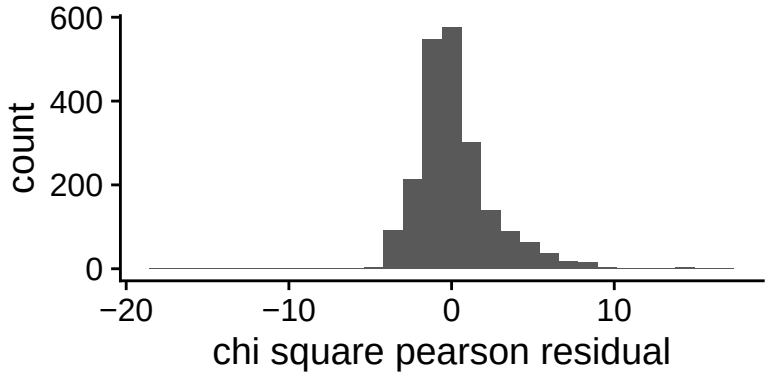


D



drug	partition	residual
DMSO	2	−17.612616
Staurosporine_500nM	3	−5.507963
AT9283	1	−4.715373
Bortezomib	3	−4.249241
AZD2858	1	−4.246050
Bortezomib	2	13.997972
Irinotecan / SN−38	2	14.602106

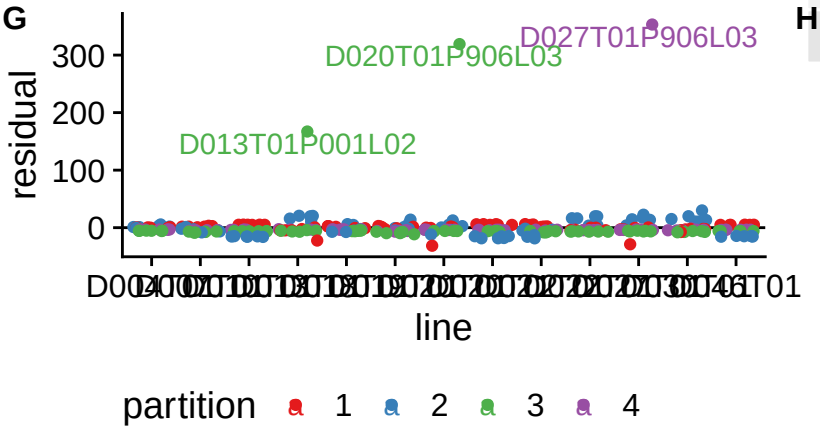
E



F

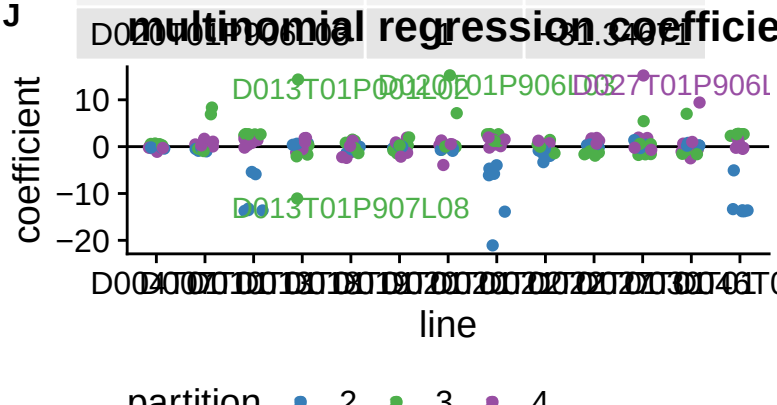
plate	partition	residual
D027T01P906L03	4	353.15192
D020T01P906L03	3	319.15945
D013T01P001L02	3	167.18040
D030T01P906L03	2	30.04231
D027T01P906L03	2	22.58248
D020T02P013L02	2	−18.39796
D021T01P003L08	2	−18.52301
D013T01P001L02	1	−22.33260
D027T01P906L03	1	−28.83074
D020T01P906L03	1	−31.34071

G



H

I

model	df	AIC
model_plate	234	153087.4
model_line	39	172074.8
model_screenid	24	180989.1
model_intercept	3	207865.1

J