How CellProfiler features contribute to H2O2\_100.000\_Disulfiram\_1.0 treatments and cell density 0.3 Channel (if applicable) ER gasdermin Mito nuclei other PM Cell count contributution 2e-04 4e-04 0.1 6e-04 0.0 Treatment and Dose contribution (LM beta coefficient)

How CellProfiler features contribute to LPS\_Nigericin\_100.000\_10.0\_DMSO\_0.025 treatments and cell density 0.5 0.4 Channel (if applicable) ER gasdermin R2 score of LM feature Mito nuclei other PM Cell count contributution 2e-04 4e-04 6e-04 0.1 0.0 Treatment and Dose contribution (LM beta coefficient)

How CellProfiler features contribute to LPS\_Nigericin\_1.000\_3.0\_DMSO\_0.025 treatments and cell density 0.4 Channel (if applicable) ER gasdermin R2 score of LM feature Mito nuclei other PM Cell count contributution 1e-04 2e-04 3e-04 4e-04 0.1 5e-04

2.5

0.5 1.0 1.5 2.0

Treatment and Dose contribution (LM beta coefficient)

0.0

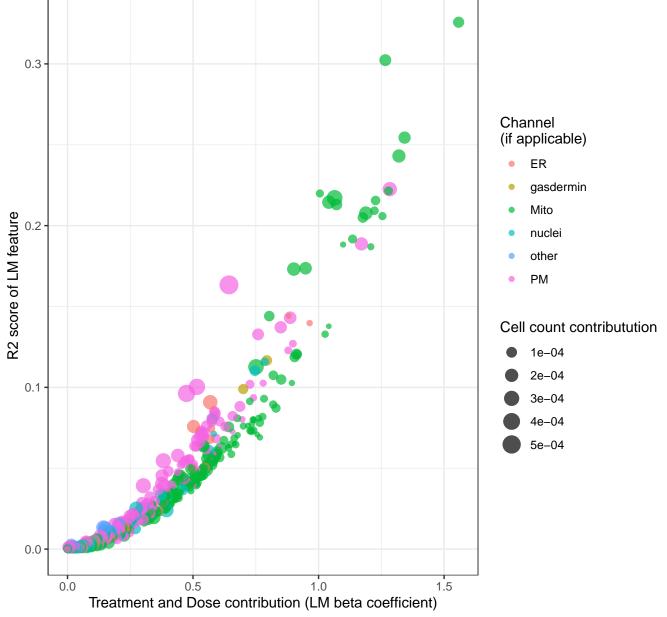
0.0

How CellProfiler features contribute to LPS\_Nigericin\_1.000\_10.0\_Disulfiram\_1.0 treatments and cell density 0.4 Channel (if applicable) 0.3 ER gasdermin Mito nuclei other PM Cell count contributution 1e-04 2e-04 3e-04 0.1 4e-04 5e-04 0.0 1.0 1.5 2.0 0.0 0.5 2.5 Treatment and Dose contribution (LM beta coefficient)

How CellProfiler features contribute to LPS\_Nigericin\_1.000\_10.0\_DMSO\_0.025 treatments and cell density 0.4 Channel (if applicable) 0.3 ER gasdermin Mito nuclei other PM Cell count contributution 2e-04 4e-04 6e-04 0.1 0.0 0.5 1.5 0.0 1.0 2.0 Treatment and Dose contribution (LM beta coefficient)

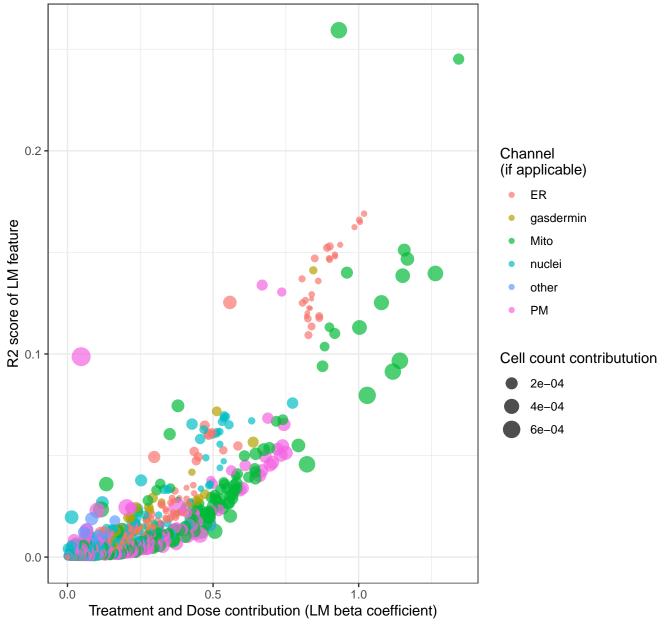
How CellProfiler features contribute to LPS\_100.000\_DMSO\_0.025 treatments and cell density Channel 0.3 (if applicable) ER gasdermin Mito R2 score of LM feature nuclei other PM Cell count contributution 1e-04 2e-04 3e-04 0.1 4e-04 5e-04 6e-04 0.0 0.5 1.5 0.0 1.0 Treatment and Dose contribution (LM beta coefficient)

How CellProfiler features contribute to LPS\_Nigericin\_100.000\_3.0\_DMSO\_0.025 treatments and cell density



How CellProfiler features contribute to Thapsigargin\_10.000\_DMSO\_0.025 treatments and cell density 0.20 -Channel (if applicable) ER 0.15 gasdermin Mito nuclei other PM 0.10 -Cell count contributution 2e-04 4e-04 6e-04 0.05 -0.00 0.5 0.0 1.0 Treatment and Dose contribution (LM beta coefficient)

How CellProfiler features contribute to LPS\_Nigericin\_1.000\_10.0\_Z-VAD-FMK\_100.0 treatments and cell density



How CellProfiler features contribute to LPS\_Nigericin\_100.000\_1.0\_DMSO\_0.025 treatments and cell density 0.20 Channel (if applicable) 0.15 ER gasdermin R2 score of LM feature Mito nuclei other 0.10 -PM Cell count contributution 2e-04 4e-04 6e-04 0.05 -0.00 0.5 0.0 1.0 Treatment and Dose contribution (LM beta coefficient)

How CellProfiler features contribute to Flagellin\_1.000\_Disulfiram\_1.0 treatments and cell density 0.3 Channel (if applicable) ER gasdermin R2 score of LM feature Mito nuclei other PM Cell count contributution 2e-04 0.1 4e-04 6e-04 8e-04 0.0 0.50 1.00 0.00 0.25 0.75 1.25 Treatment and Dose contribution (LM beta coefficient)

How CellProfiler features contribute to LPS\_10.000\_Disulfiram\_0.1 treatments and cell density 0.10 -Channel (if applicable) ER R2 score of LM feature gasdermin Mito nuclei other PM Cell count contributution 2e-04 4e-04 6e-04 0.00 0.3 0.9 0.0 0.6 1.2 Treatment and Dose contribution (LM beta coefficient)

How CellProfiler features contribute to LPS\_10.000\_Disulfiram\_2.5 treatments and cell density 0.20 Channel 0.15 -(if applicable) ER gasdermin R2 score of LM feature Mito nuclei other 0.10 -PM Cell count contributution 2e-04 4e-04 0.05 -6e-04 0.00 0.9 0.0 0.3 0.6 Treatment and Dose contribution (LM beta coefficient)

How CellProfiler features contribute to Disulfiram\_1.000\_DMSO\_0.025 treatments and cell density 0.15 -Channel (if applicable) ER gasdermin Mito 0.10 nuclei other PM Cell count contributution 2e-04 4e-04 0.05 -6e-04 0.00 0.50 0.75 0.00 0.25 1.00 Treatment and Dose contribution (LM beta coefficient)

How CellProfiler features contribute to LPS\_10.000\_Disulfiram\_1.0 treatments and cell density Channel (if applicable) 0.10 -ER R2 score of LM feature gasdermin Mito nuclei other PM Cell count contributution 2e-04 4e-04 6e-04 0.00 0.25 0.50 0.00 0.75 1.00 Treatment and Dose contribution (LM beta coefficient)

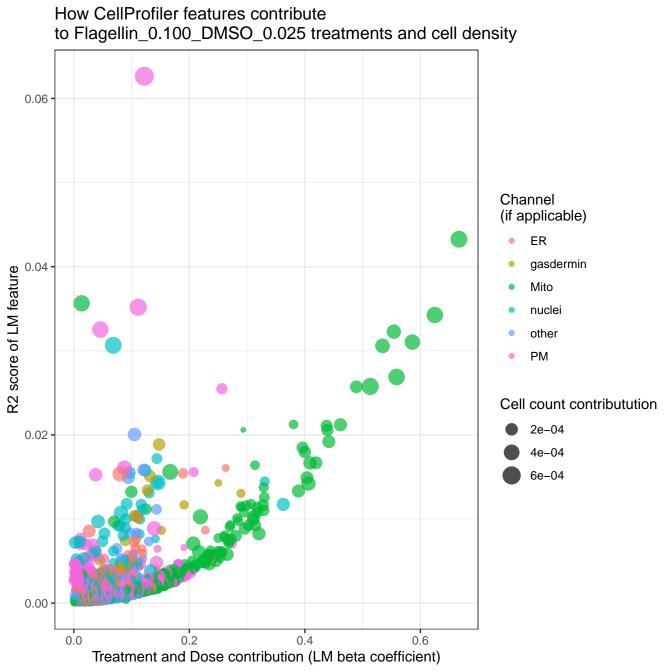
How CellProfiler features contribute to LPS\_Nigericin\_1.000\_1.0\_DMSO\_0.025 treatments and cell density 0.15 Channel (if applicable) ER gasdermin Mito nuclei 0.10 other PM Cell count contributution 2e-04 4e-04 0.05 6e-04 0.00 0.25 0.50 0.75 0.00 1.00 Treatment and Dose contribution (LM beta coefficient)

How CellProfiler features contribute to H2O2\_100.000\_Z-VAD-FMK\_100.0 treatments and cell density 0.20 Channel 0.15 (if applicable) ER gasdermin R2 score of LM feature Mito nuclei other 0.10 -PM Cell count contributution 2e-04 4e-04 0.05 6e-04 0.00 0.50 0.75 0.00 0.25 1.00 Treatment and Dose contribution (LM beta coefficient)

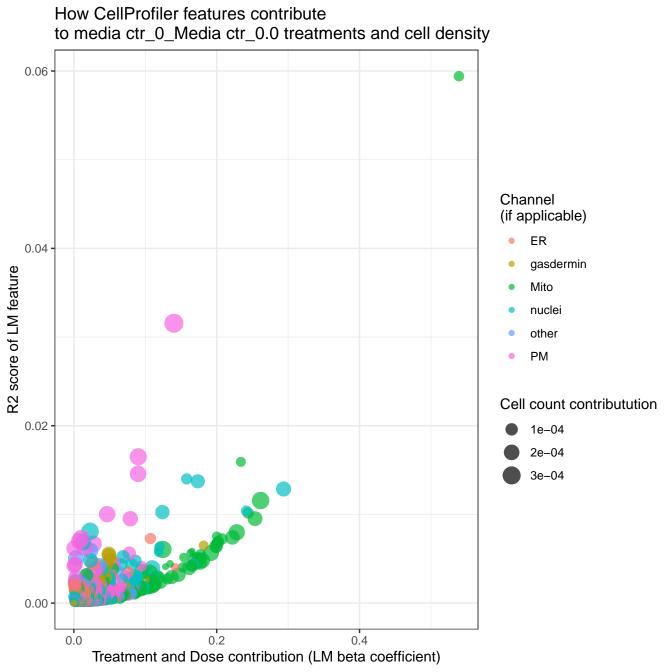
How CellProfiler features contribute to Disulfiram\_2.500\_DMSO\_0.025 treatments and cell density 0.075 Channel (if applicable) ER gasdermin R2 score of LM feature Mito nuclei 0.050 other PM Cell count contributution 2e-04 4e-04 0.025 6e-04 0.000 0.25 0.50 0.75 0.00 Treatment and Dose contribution (LM beta coefficient)

How CellProfiler features contribute to Thapsigargin\_1.000\_DMSO\_0.025 treatments and cell density 0.09 -Channel (if applicable) ER gasdermin R2 score of LM feature Mito 0.06 nuclei other PM Cell count contributution 2e-04 4e-04 0.03 6e-04 0.00 0.2 0.0 0.4 0.6 Treatment and Dose contribution (LM beta coefficient)

How CellProfiler features contribute to Disulfiram\_0.100\_DMSO\_0.025 treatments and cell density 0.06 -Channel (if applicable) ER gasdermin 0.04 Mito R2 score of LM feature nuclei other PM Cell count contributution 1e-04 2e-04 0.02 -3e-04 4e-04 5e-04 0.00 0.0 0.2 0.4 0.6 Treatment and Dose contribution (LM beta coefficient)

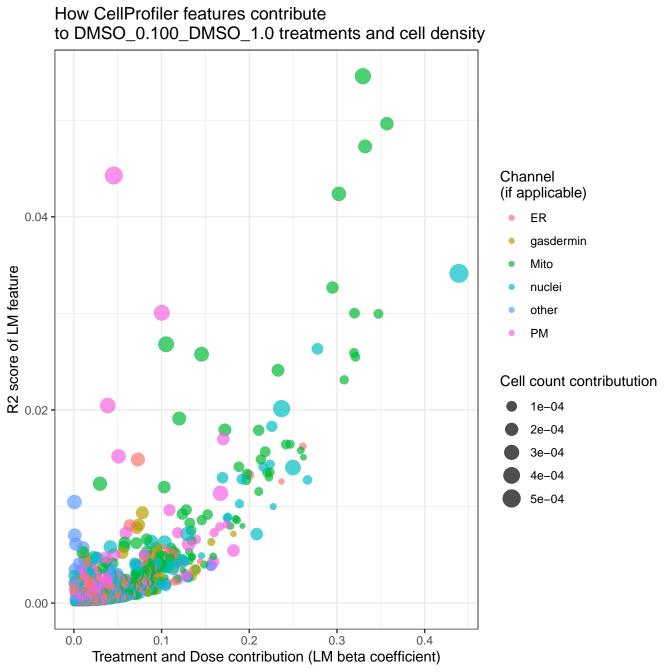


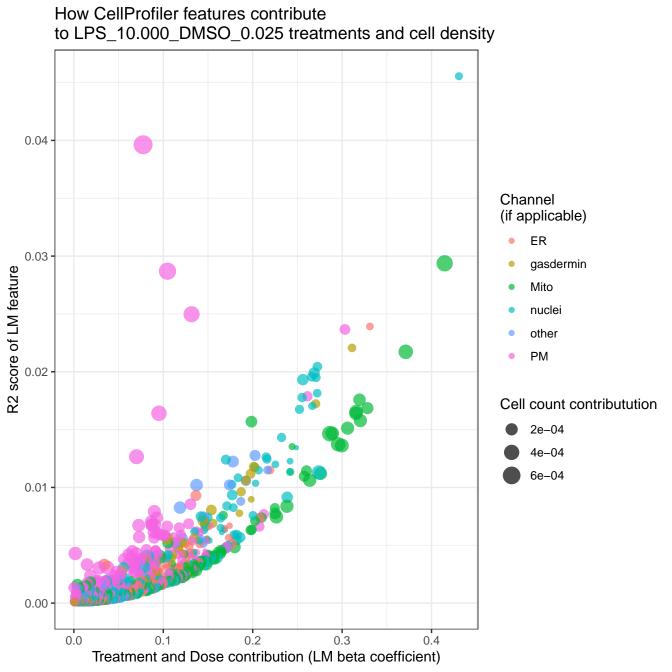
How CellProfiler features contribute to Flagellin\_1.000\_DMSO\_0.025 treatments and cell density Channel 0.03 -(if applicable) ER gasdermin Mito R2 score of LM feature nuclei other 0.02 -PM Cell count contributution 1e-04 2e-04 3e-04 0.01 4e-04 5e-04 0.00 0.2 0.0 0.4 0.6 Treatment and Dose contribution (LM beta coefficient)

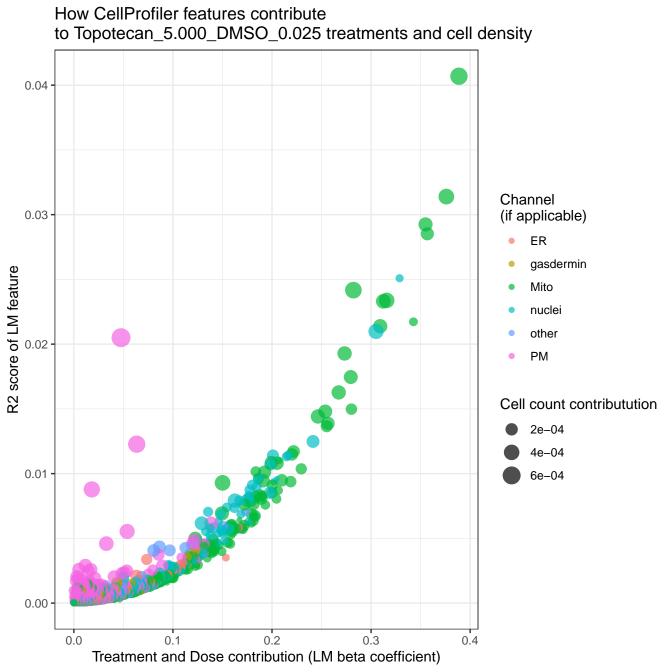


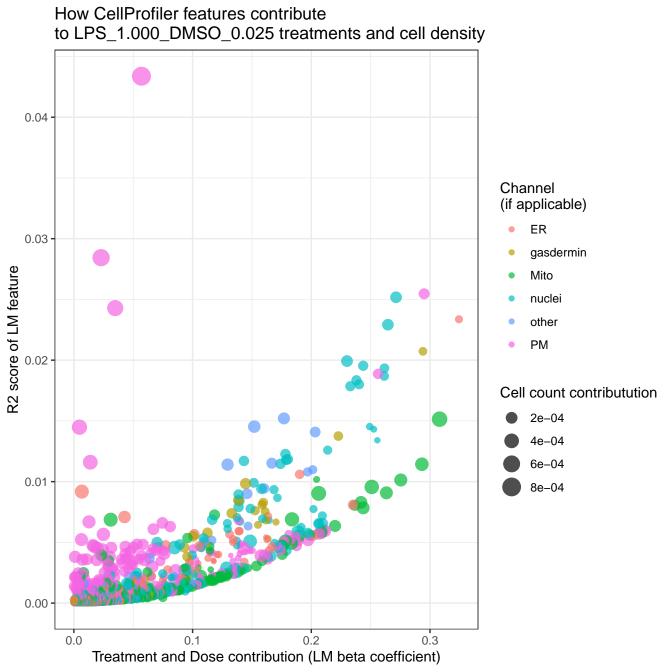
How CellProfiler features contribute to DMSO\_0.100\_Z-VAD-FMK\_100.0 treatments and cell density 0.08 -Channel (if applicable) 0.06 ER gasdermin R2 score of LM feature Mito nuclei other PM 0.04 Cell count contributution 2e-04 4e-04 6e-04 0.02 -8e-04 0.00 0.2 0.3 0.0 0.1 0.4 0.5 Treatment and Dose contribution (LM beta coefficient)

How CellProfiler features contribute to LPS\_10.000\_Z-VAD-FMK\_100.0 treatments and cell density 0.05 -0.04 -Channel (if applicable) ER R2 score of LM feature gasdermin Mito nuclei other PM Cell count contributution 2e-04 4e-04 6e-04 0.01 0.00 0.2 0.3 0.0 0.1 0.4 Treatment and Dose contribution (LM beta coefficient)



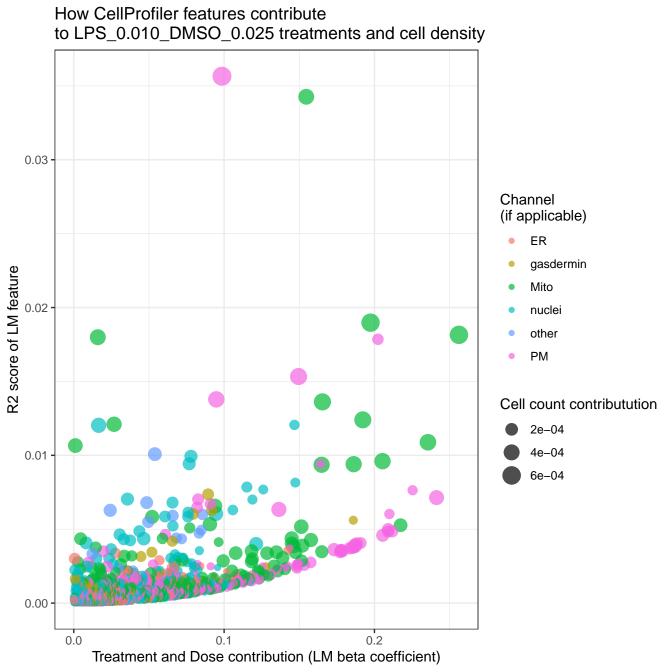




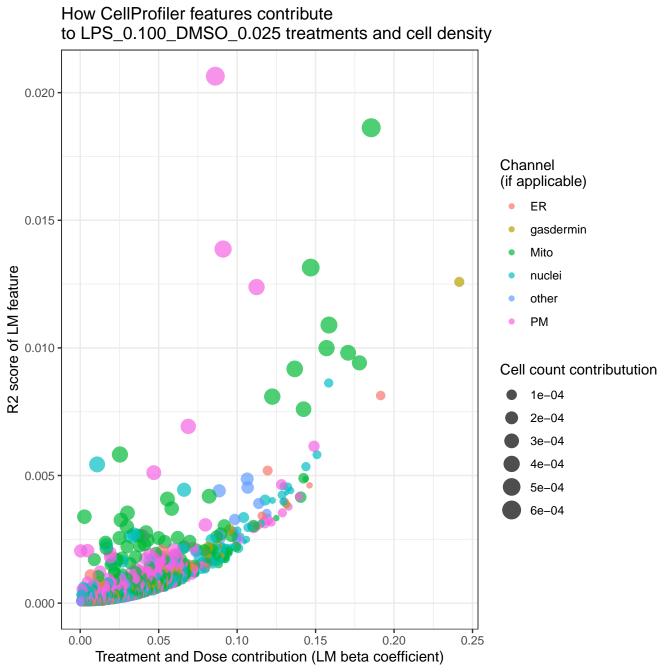


How CellProfiler features contribute to Topotecan\_20.000\_DMSO\_0.025 treatments and cell density 0.03 -Channel (if applicable) ER gasdermin R2 score of LM feature Mito 0.02 nuclei other PM Cell count contributution 2e-04 4e-04 0.01 -6e-04 0.00 0.2 0.0 0.1 0.3 Treatment and Dose contribution (LM beta coefficient)

How CellProfiler features contribute to H2O2\_100.000\_DMSO\_0.025 treatments and cell density 0.15 -Channel (if applicable) ER 0.10 gasdermin R2 score of LM feature Mito nuclei other PM Cell count contributution 0.05 2e-04 4e-04 6e-04 0.00 0.2 0.0 0.1 Treatment and Dose contribution (LM beta coefficient)



How CellProfiler features contribute to DMSO\_0.100\_Z-VAD-FMK\_30.0 treatments and cell density 0.06 Channel (if applicable) ER 0.04 gasdermin R2 score of LM feature Mito nuclei other PM Cell count contributution 0.02 -2e-04 4e-04 6e-04 0.00 0.20 0.00 0.05 0.10 0.15 0.25 Treatment and Dose contribution (LM beta coefficient)



How CellProfiler features contribute to Topotecan\_10.000\_DMSO\_0.025 treatments and cell density 0.020 Channel 0.015 (if applicable) ER gasdermin R2 score of LM feature Mito nuclei other 0.010 PM Cell count contributution 1e-04 2e-04 0.005 3e-04 0.000 0.00 0.05 0.10 0.15 0.20 Treatment and Dose contribution (LM beta coefficient)