

Fig 1A

| group_1a | mean | se(mean) |
|------------|----------|----------|
| MetD | 100.0667 | 1.702834 |
| MetD_dox | 66 | 1.05505 |
| Met1 | 56.33333 | 1.855921 |
| Met1_dox | 49 | 2.045751 |
| Met2.5 | 100.6667 | 7.446103 |
| Met2.5_dox | 91.66667 | 2.027588 |
| Met5 | 78.66667 | 2.905933 |
| Met5_dox | 73.33333 | 2.403701 |
| Total | 77.04167 | 3.954212 |

Fig 1B

| group_1b | mean | se(mean) |
|------------|----------|----------|
| Con | 92.30890 | 4.230709 |
| Con_dr | 94.70199 | 4.046423 |
| dox1 | 61.58968 | 4.599893 |
| dox1_dr | 64.90273 | 4.543282 |
| met1 | 54.22389 | 5.611393 |
| met1_dox | 61.88845 | 3.574023 |
| met1dox | 60.93969 | 2.949362 |
| met1dox_dr | 55.40839 | 4.211652 |
| Total | 70.77177 | 4.794564 |

Fig 2A

| group_2a | mean | se(mean) |
|-----------|----------|-----------|
| h20_mmt5 | 83.46 | 1.539894 |
| h20_mmt5 | 84.6667 | 1.466667 |
| h47a_mmt5 | 83.83333 | 1.319771 |
| met7_mmt5 | 90.33333 | 7.631764 |
| h20_mmt5 | 42.33333 | 2.899242 |
| h21_mmt5 | 44.16667 | 6.528766 |
| h47a_mmt5 | 15.03333 | 0.7151103 |
| met7_mmt5 | 17.66667 | 2.879594 |
| Total | 57.76417 | 6.279707 |

Fig 2C

| group_2c | mean | se(mean) |
|----------|-----------|-----------|
| con | 0.4123333 | 0.0232389 |
| met1 | 0.186667 | 0.0259572 |
| 20am | 0.128667 | 0.0090989 |
| met_tam | 0.066667 | 0.0096607 |
| Total | 0.1940833 | 0.0409015 |

Fig 3C

| group_3c | mean | se(mean) |
|----------|----------|----------|
| control | 97.83333 | 2.10776 |
| met5 | 53.46667 | 6.44481 |
| ng50 | 40.79667 | 2.239296 |
| met_tg | 10.6 | 0.2 |
| Total | 54.23455 | 9.689529 |

Fig 5D

| group_5d | mean | se(mean) |
|----------|-----------|-----------|
| con | 0.888 | 0.0202032 |
| tsat1 | 0.509 | 0.0541539 |
| met5 | 0.728333 | 0.0075351 |
| pho260 | 6.533333 | 0.027945 |
| Total | 0.6891667 | 0.057387 |

Fig 5E

| group_5e | mean | se(mean) |
|----------|-----------|-----------|
| con | 1.02 | 0.011247 |
| tsat1 | 0.633333 | 0.0592546 |
| met5 | 1.1 | 0.03 |
| pho260 | 1.083333 | 0.0133333 |
| Total | 0.9541667 | 0.0617725 |

Fig 6C

| group_6c | mean | se(mean) |
|---------------|----------|----------|
| mg_mtd_5d | 85.78833 | 3.551158 |
| pmc_mtd_5d | 26.16667 | 2.362292 |
| mg_mtd_10d90 | 41667 | 2.956428 |
| pmc_mtd_10d90 | 16667 | 2.000796 |
| mg_dox_5d | 96.71 | 7.231954 |
| pmc_dox_5d | 47.21 | 1.32779 |
| mg_dox_10d90 | 11.2 | 2.724793 |
| mg_dox_10d90 | 6 | 4.097701 |
| Total | 73.63941 | 4.727071 |

Fig 6E

| group_6e | mean | se(mean) |
|-----------|----------|----------|
| ser | 83.96667 | 8.201145 |
| ser_mmt1 | 35.9 | 5.164501 |
| rfbh | 86 | 6.921223 |
| rfbh_mmt1 | 38.66667 | 3.313737 |
| Total | 60.98333 | 7.722624 |

Fig 6F

| group_6f | mean | se(mean) |
|----------|----------|----------|
| thy_mmt5 | 97.15 | 1.538415 |
| thy_mmt1 | 34.3 | 7.168496 |
| thy_mmt5 | 30.425 | 6.442615 |
| mtt_mmt5 | 92.50936 | 6.289799 |
| mtt_mmt1 | 54.22389 | 5.611393 |
| mtt_mmt5 | 51.72701 | 2.919197 |
| mtt_mmt5 | 53.16667 | 2.168205 |
| Total | 59.1848 | 6.289287 |

Fig 6G

| group_6g | mean | se(mean) |
|-----------|----------|----------|
| tryp_mmt5 | 91.33333 | 2.333333 |
| tryp_mmt5 | 77.4 | 2.952839 |
| tryp_mmt1 | 44.23333 | 3.083468 |
| tryp_mmt5 | 22.1 | 2.60812 |
| mtt_mmt5 | 100.5333 | 2.575742 |
| mtt_mmt5 | 81.23333 | 1.888656 |
| mtt_mmt5 | 53.16667 | 2.168205 |
| Total | 61.77083 | 5.923677 |

Overall ANOVA

F-stat: 31.73
P-value: <0.00005

Bonferroni

| Condition | MFC-MFCDOX | P-value |
|-----------|------------|---------|
| CON | 0 | 1 |
| 1.0mM Met | -34.67 | <0.0005 |
| 2.5mM Met | -35.33 | <0.0005 |
| 5.0mM Met | -24.33 | 0.004 |

Overall ANOVA

F-stat: 68.47
P-value: <0.00005

Bonferroni

| Condition | MFC-MFCDOX | P-value |
|-----------|------------|---------|
| CON | -2.19 | 1 |
| 1mM DOX | -33.23 | 0.001 |
| 1mM Met | -27.67 | 0.009 |
| Met + DOX | -24.40 | 0.027 |

Overall ANOVA

F-stat: 68.87
P-value: <0.00005

Bonferroni

| Condition | MetD-Met5 | P-value |
|-----------|-----------|---------|
| 8f-20 | -41.15 | <0.0005 |
| 23f | -40.5 | <0.0005 |
| 167f3 | -68.8 | <0.0005 |
| MCF7 | -73.17 | <0.0005 |

Overall ANOVA

F-stat: 65.12
P-value: <0.00005

Bonferroni

| Comparison | DIFF | P-Value |
|----------------------|------|---------|
| CON - 1mM Met | 0.23 | <0.0005 |
| CON - 20uM TAM | 0.29 | <0.0005 |
| CON - Met + TAM | 0.35 | <0.0005 |
| 1mM Met - 20uM TAM | 0.06 | 0.38 |
| 1mM Met - Met + TAM | 0.12 | 0.023 |
| 20uM TAM - Met + TAM | 0.06 | 0.303 |

Overall ANOVA

F-stat: 72.2
P-value: <0.00005

Bonferroni

| Comparison | DIFF | P-Value |
|---------------------|--------|---------|
| CON - 1uM TSA | 44.17 | 0.001 |
| CON - 50uM TRG | 36.87 | <0.0005 |
| CON - 250uM Ph | 0.483 | <0.0005 |
| 1uM TSA - 50uM Met | -0.219 | <0.0005 |
| 1uM TSA - 250uM Ph | 0.004 | 1 |
| 5mM Met - Met + TRG | 42.87 | 0.001 |
| 5mM Met - Met + TAM | 30.17 | 0.011 |

Overall ANOVA

F-stat: 44.78
P-value: <0.00005

Bonferroni

| Comparison | DIFF | P-Value |
|--------------------|--------|---------|
| CON - 1uM TSA | 0.477 | <0.0005 |
| CON - 50uM Met | 0.258 | <0.0005 |
| CON - 250uM Ph | -0.61 | 1 |
| 1uM TSA - 50uM Met | -0.487 | <0.0005 |
| 1uM TSA - 250uM Ph | -0.47 | <0.0005 |
| 5mM Met - 250uM Ph | 0.017 | 1 |

Overall ANOVA

F-stat: 49.46
P-value: <0.00005

Bonferroni

| Comparison | DIFF | P-Value |
|--------------------|--------|---------|
| CON - 1uM TSA | 0.407 | <0.0005 |
| CON - 50uM Met | -0.08 | 0.83 |
| CON - 250uM Ph | -0.61 | 1 |
| 1uM TSA - 50uM Met | -0.487 | <0.0005 |
| 1uM TSA - 250uM Ph | -0.47 | <0.0005 |
| 5mM Met - 250uM Ph | 0.017 | 1 |

Overall ANOVA

F-stat: 76.99
P-value: <0.00005

Bonferroni

| Condition | MetDOX-DOX | P-value |
|-----------|------------|---------|
| S/- | -2.92 | 1 |
| S/+ | -21.04 | 0.018 |
| 10f | 1.3 | 1 |
| 10f+ | -56.43 | <0.0005 |

Overall ANOVA

F-stat: 30.45
P-value: <0.00005

Bonferroni

| Comparison | DIFF | P-Value |
|--------------------|-------|---------|
| ser-ser+mmt5 | 48.07 | 0.004 |
| ser-rfbh | -2.03 | 1 |
| ser-rfbh+mmt5 | 0 | 0.005 |
| ser+mmt1-rfbh-50.1 | 0.003 | |
| ser+mmt1-rfbh | 2.17 | 1 |
| rfbh-rfbh+mmt1 | 47.93 | 0.004 |

Overall ANOVA

F-stat: 30.45
P-value: <0.00005

Bonferroni

| Condition | Thy-MTT | P-value |
|-----------|---------|---------|
| CON | 4.64 | 1 |
| 1mM Met | -28.92 | 0.291 |
| 5mM Met | -21.302 | 0.203 |

Overall ANOVA

F-stat: 166.23
P-value: <0.00005

Bonferroni

| Condition | TBE-MTT | P-value |
|-----------|---------|---------|
| CON | -8.2 | 0.374 |
| 0.1mM Met | -3.83 | 1 |
| 1mM Met | -8.83 | 0.442 |
| 5mM Met | -2.07 | 1 |