

Supplementary Notes for Quantification of Entire Tumor Vascular Normalization in Response to A VEGF Inhibitor

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Detailed statistical analyses of the surface areas of segments from the two vehicle groups with diameters less than three different thresholds (50 μ m, 70 μ m, and 107 μ m) are listed below. One_veh represents the one-week vehicle group in the analysis; two_veh represents the two-week vehicle group. The number in parentheses indicates the diameter threshold. The number of animals in the group is abbreviated by n. The group mean and data distribution are shown in the figure and in the table of Means and Std Deviations. Pair-wise t-test comparisons and significance under equal variance assumption are listed in the t Test section.

Diameter threshold 50 μ m:

Oneway Analysis of Stack By ID: (Figure 1)

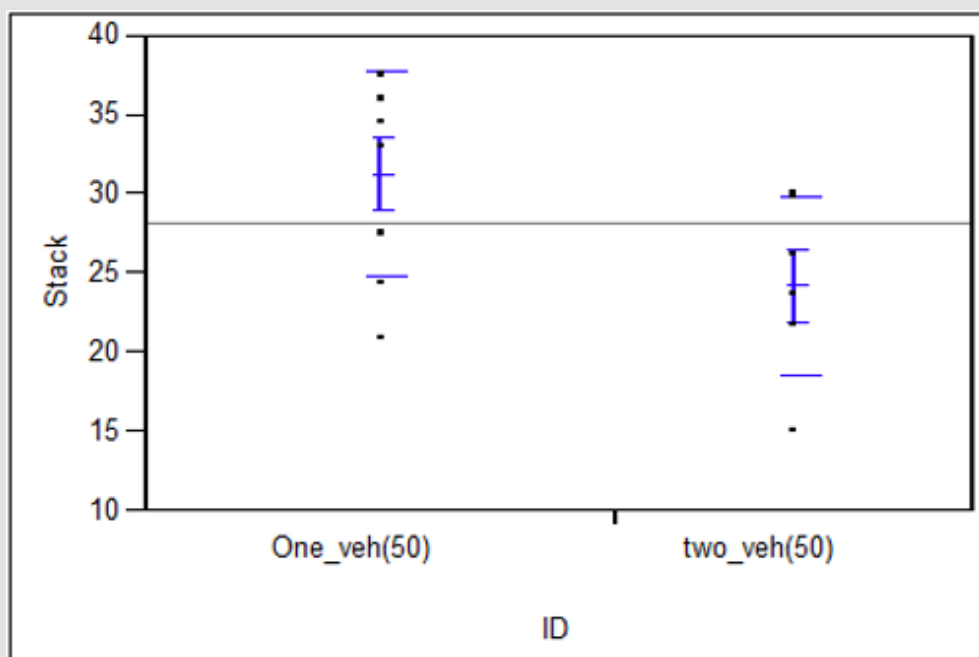


Figure 1.

Means and Std Deviations: (Table 1)

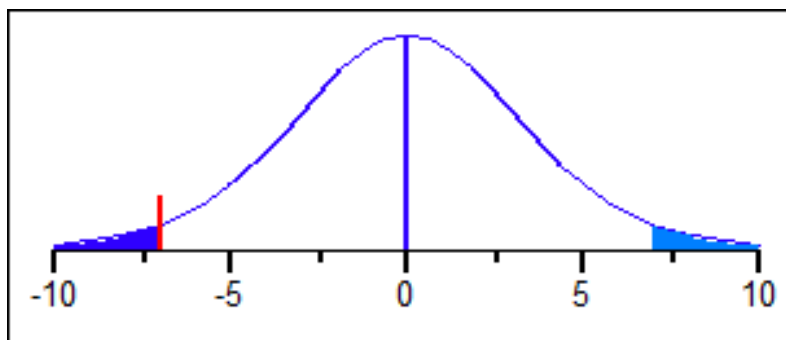
Table 1:

| Level | n | Mean | Std Dev | Std Err Mean | Lower 95% | Upper 95% |
|--------------|---|---------|---------|--------------|-----------|-----------|
| One_veh (50) | 8 | 31.2192 | 6.38503 | 2.2574 | 25.881 | 36.557 |
| two_veh (50) | 6 | 24.1902 | 5.66924 | 2.3145 | 18.241 | 30.140 |

t Test: two_veh(50) vs. One_veh(50): (Table 2)

Table 2:

| | | | |
|--------------|---------|-----------|----------|
| Difference | -7.029 | t Ratio | -2.17409 |
| Std Err Dif | 3.233 | DF | 11.56337 |
| Upper CL Dif | 0.045 | Prob > t | 0.0512 |
| Lower CL Dif | -14.103 | Prob > t | 0.9744 |
| Confidence | 0.95 | Prob < t | 0.0256 |



Diameter threshold 70 μm:

Oneway Analysis of Stack By ID: (Figure 2)

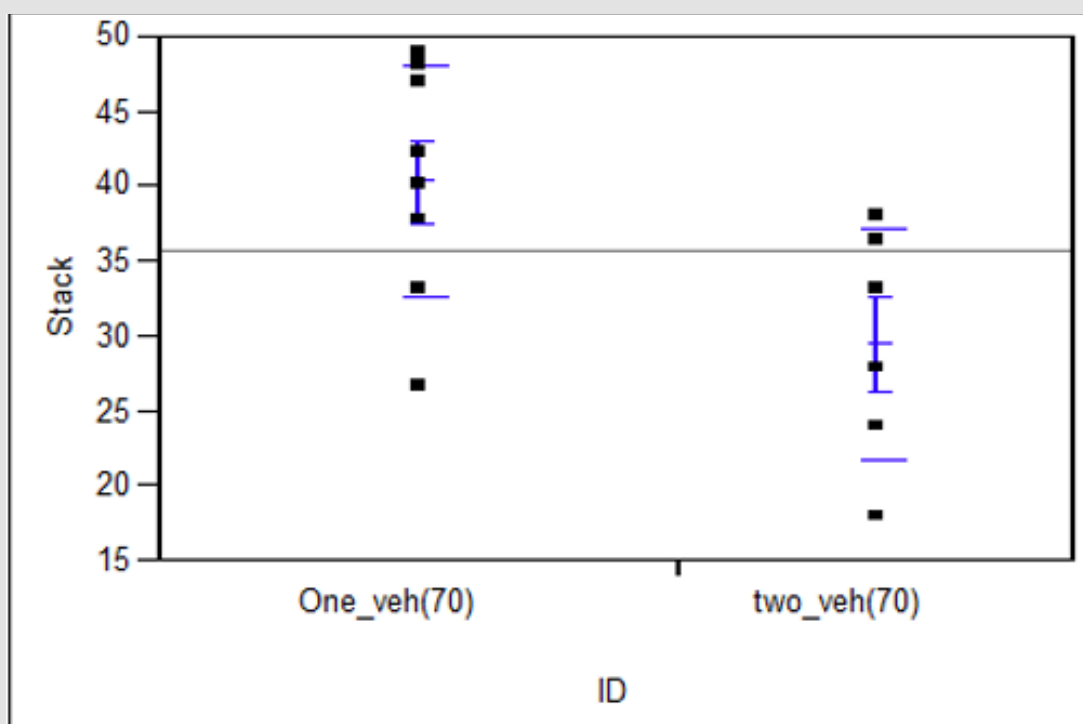


Figure 2.

Means and Std Deviations: (Table 3)

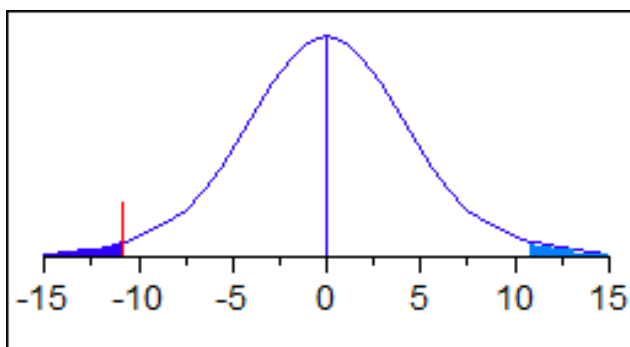
Table 3:

| Level | n | Mean | Std Dev | Std Err Mean | Lower 95% | Upper 95% |
|--------------|---|---------|---------|--------------|-----------|-----------|
| One_veh (70) | 8 | 40.2063 | 7.78095 | 2.7510 | 33.701 | 46.711 |
| two_veh (70) | 6 | 29.3639 | 7.72550 | 3.1539 | 21.256 | 37.471 |

t Test: two_veh(50) vs. One_veh(70): (Table 4)

Table 4:

| | | | |
|--------------|---------|-----------|----------|
| Difference | -10.842 | t Ratio | -2.59071 |
| Std Err Dif | 4.185 | DF | 10.96764 |
| Upper CL Dif | -1.628 | Prob > t | 0.0252 |
| Lower CL Dif | -20.057 | Prob > t | 0.9874 |
| Confidence | 0.95 | Prob < t | 0.0126 |



Diameter threshold 170 μ m:

Oneway Analysis of Stack By ID: (Figure 3)

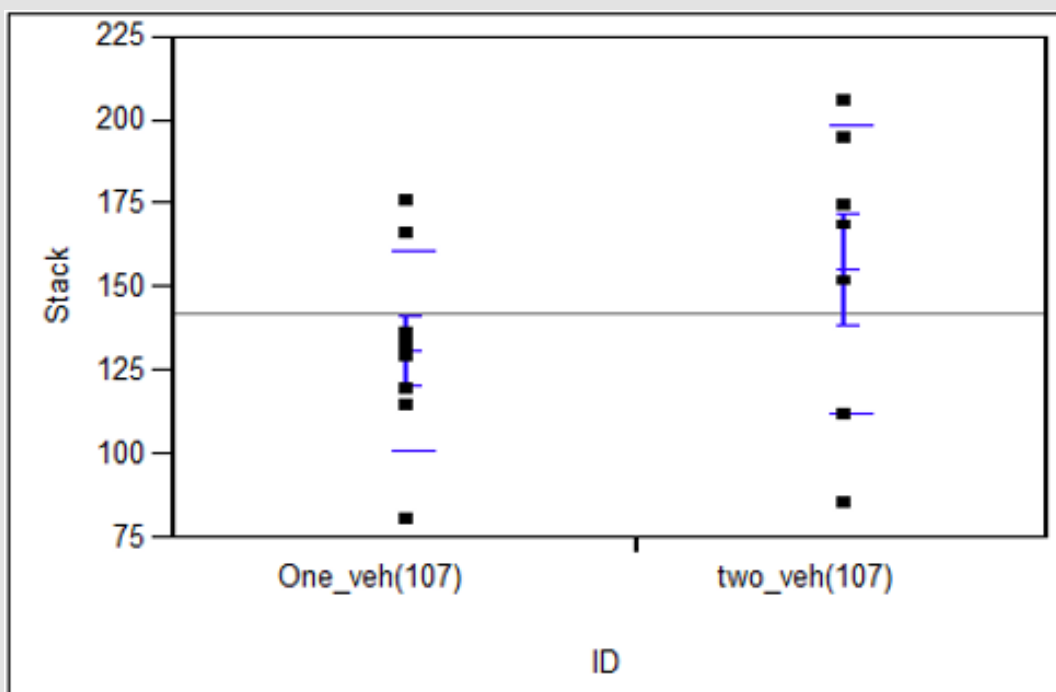


Figure 3.

Means and Std Deviations: (Table 5)

Table 5:

| Level | n | Mean | Std Dev | Std Err Mean | Lower 95% | Upper 95% |
|---------------|---|---------|---------|--------------|-----------|-----------|
| One_veh (107) | 8 | 130.667 | 29.9050 | 10.573 | 105.67 | 155.67 |
| two_veh (107) | 7 | 155.039 | 43.5126 | 16.446 | 114.80 | 195.28 |

t Test: two_veh(107) vs. One_veh(107): (Table 6)

Table 6:

| Difference | 24.373 | t Ratio | 1.246575 |
|--------------|---------|-----------|----------|
| Std Err Dif | 19.552 | DF | 10.4539 |
| Upper CL Dif | 67.681 | Prob > t | 0.2398 |
| Lower CL Dif | -18.936 | Prob > t | 0.1199 |
| Confidence | 0.95 | Prob < t | 0.8801 |

