

Supplemental Figure 1. Combination of results of in vivo mice experiments with three additional replicated experiments of nifurtimox and control conditions in a randomized block design analysis of variance confirmed the significance of the tumor weight differences ($F(1,3) = 31.90, p = 0.011$).

Supplemental Figure 1: Tumor Weights (g) for Control and Nifurtimox Conditions for Four Replicated Experiments

Replicate Number	Control mean \pm sd (n)	Nifurtimox mean \pm sd (n)
1	1.14 \pm 0.59 (5)	0.30 \pm 0.17 (6)
2	1.28 \pm 1.14 (7)	0.04 \pm 0.05 (8)
3	1.30 \pm 1.05 (8)	0.78 \pm 0.75 (8)
4	2.50 \pm 1.32 (8)	1.49 \pm 1.57 (7)

Differences between replicates $F(3,3) = 15.24$ ($p = 0.026$)

Differences between conditions $F(1,3) = 31.90$ ($p = 0.011$)

Randomized Block Design Analysis of Variance Table

Source	Sum-of-Squares	df	Mean-Square	F-Ratio	p-value
Replicate	16.365	3	5.455	15.24	0.026
Conditions	11.419	1	11.419	31.90	0.011
Replicate by Conditions	1.073	3	0.358	0.364	0.779
Error	48.203	49	0.984		