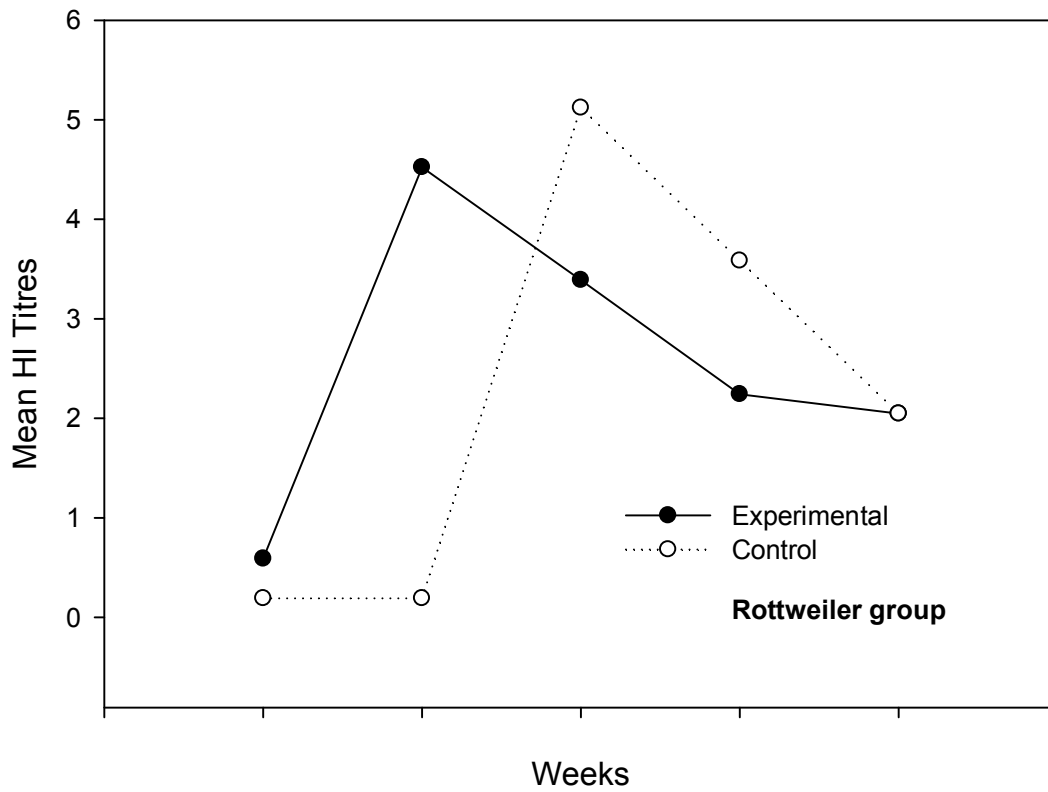


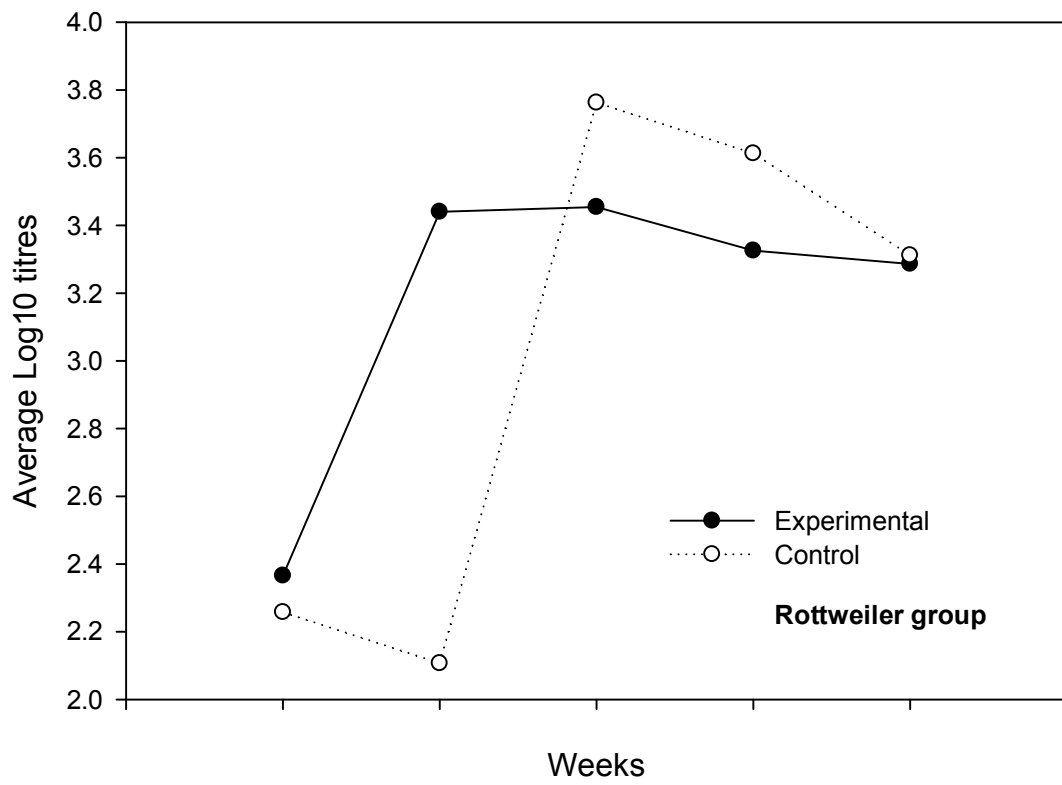
2.7 Analysis of the results

Statistical analyses were done using SIGMASTAT[®] and SIGMAPLOT[®] software. The level of significance was set at $P \leq 0.05$. Seroconversion rates were compared using a standard t-test or the Mann-Whitney Rank Sum Test.

Rottweiler Data

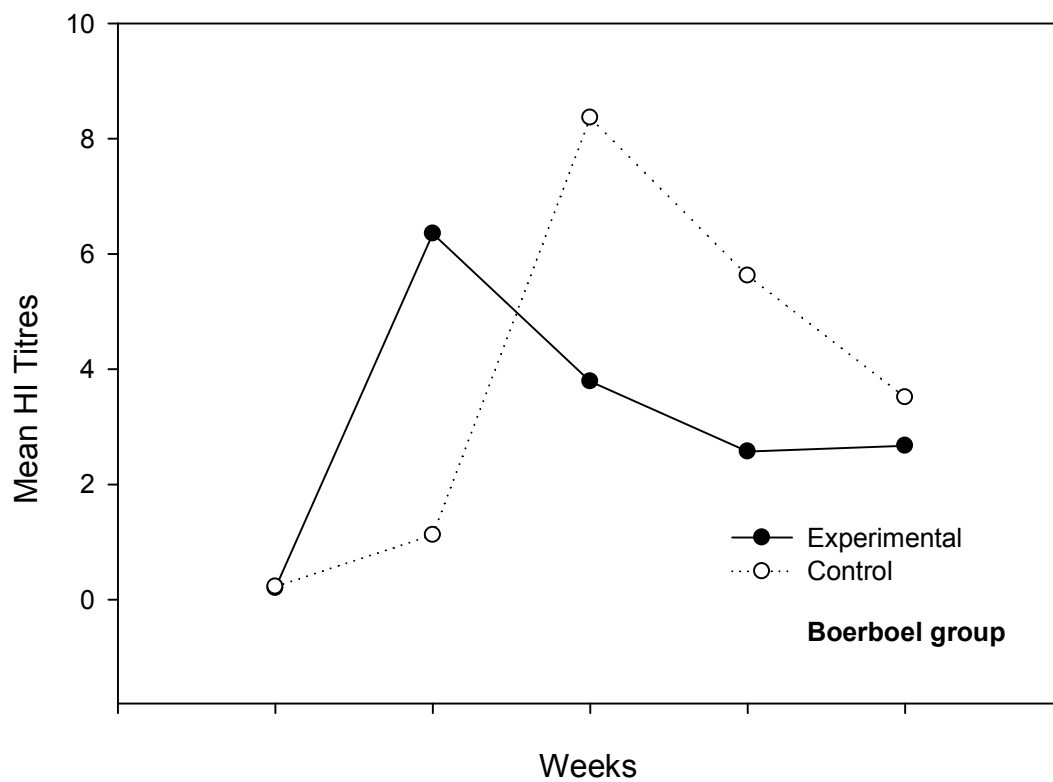
Comparison of HI Titres

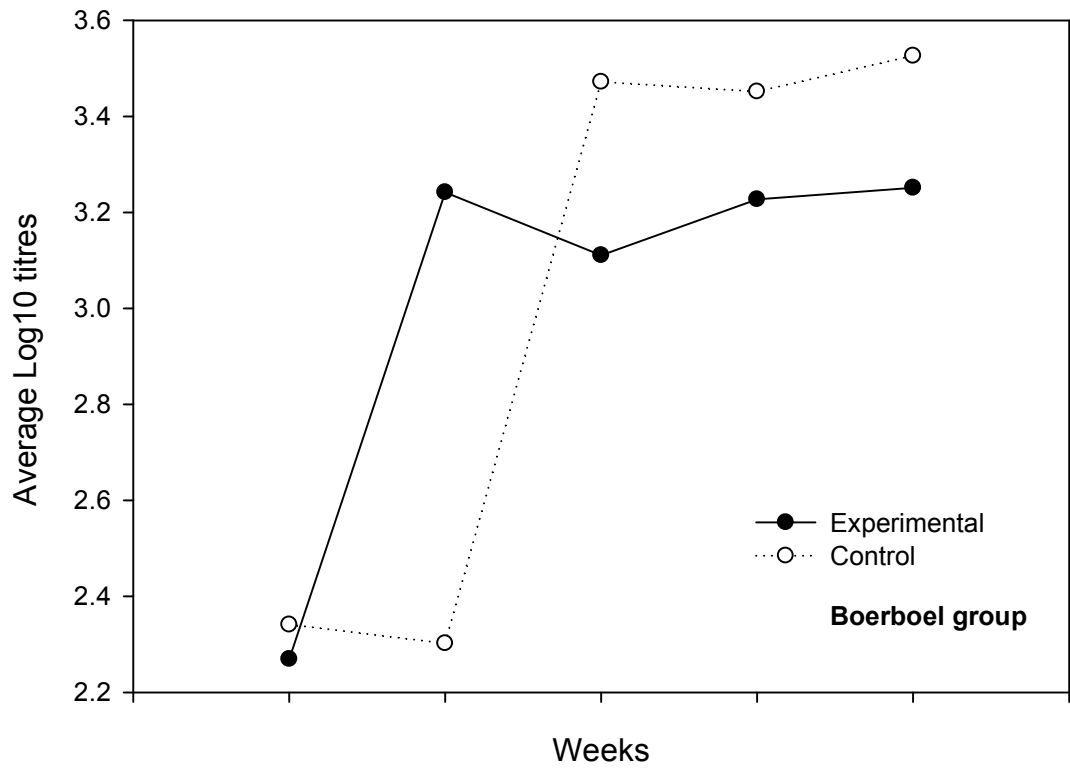




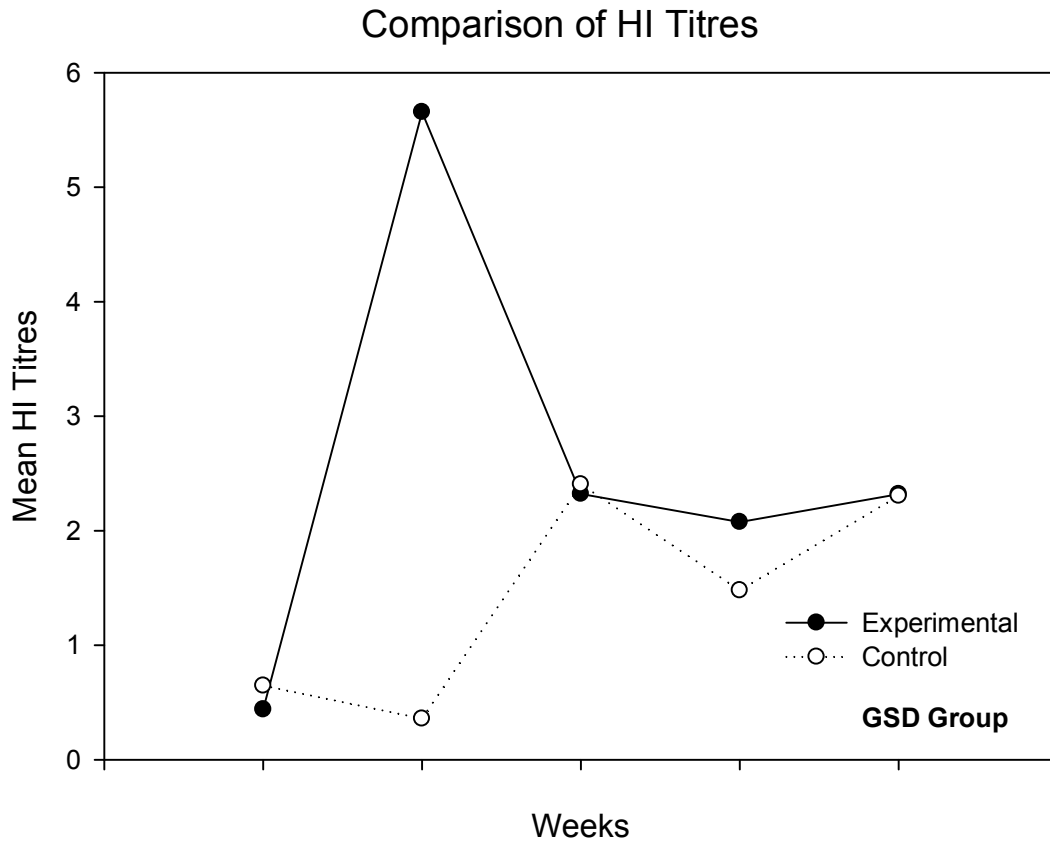
Boerboel Data

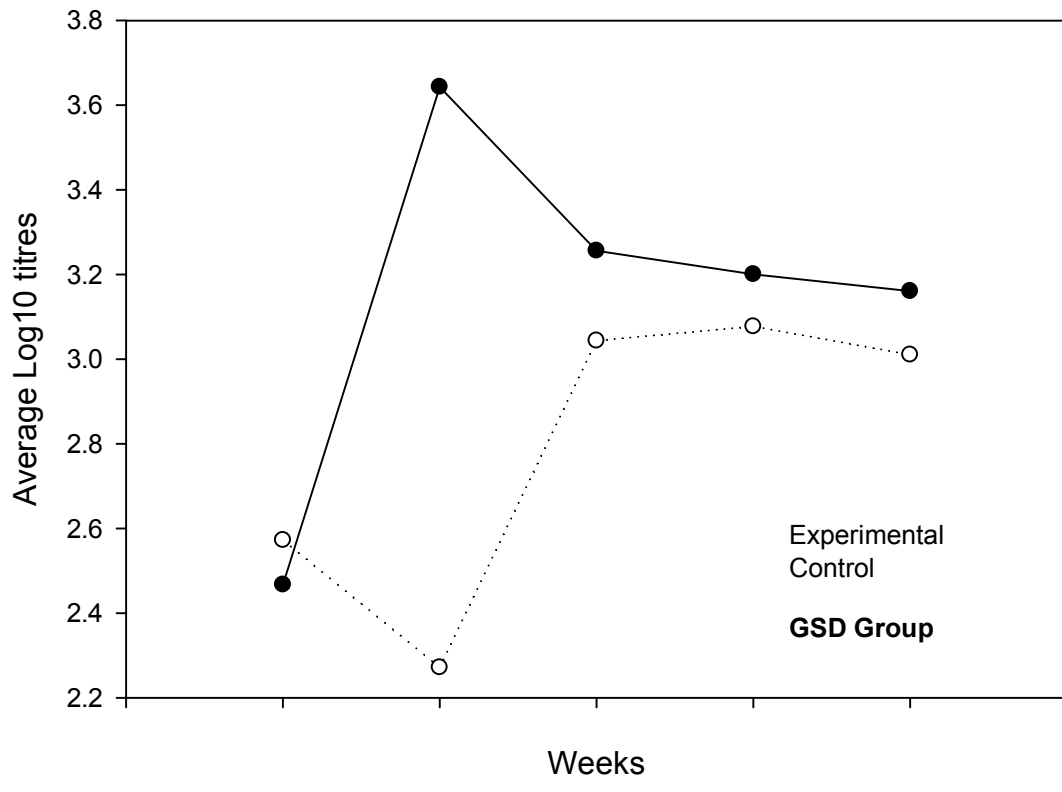
Comparison of HI Titres





GSD Data





General Stats

Stats for Rottweiler:

t-test

Data source: Rott Summary in DeKramer.JNB

Normality Test: Failed (P < 0.050)

Test execution ended by user request, Rank Sum Test begun

Mann-Whitney Rank Sum Test

Data source: Rott Summary in DeKramer.JNB

Group	N	Missing	Median	25%	75%
Col 21	21	0	4096.000	4096.000	8192.000
Col 22	4	0	192.000	128.000	256.000

T = 18.000 n(small)= 4 n(big)= 21 (P = 0.013)

The difference in the median values between the two groups is greater than would be expected by chance; there is a statistically significant difference (P = 0.013)

Stats for Boerboel

Mann-Whitney Rank Sum Test

Data source: BB Summary in DeKramer.JNB

Normality Test: Failed (P < 0.050)

Group	N	Missing	Median	25%	75%
6weeks	32	6	3072.000	256.000	16384.000
6 weeks	25	8	128.000	128.000	256.000

T = 236.500 n(small)= 17 n(big)= 26 (P = <0.001)

The difference in the median values between the two groups is greater than would be expected by chance; there is a statistically significant difference (P = <0.001)

Stats for GSD

t-test

Data source: GSD Summary in DeKramer.JNB

Normality Test: Failed (P < 0.050)

Test execution ended by user request, Rank Sum Test begun

Mann-Whitney Rank Sum Test

Data source: GSD Summary in DeKramer.JNB

Group	N	Missing	Median	25%	75%
6 weeks	49	10	8192.000	4096.000	8192.000
6 weeks	18	7	128.000	128.000	256.000

T = 80.000 n(small)= 11 n(big)= 39 (P = <0.001)

The difference in the median values between the two groups is greater than would be expected by chance; there is a statistically significant difference (P = <0.001)