Body mass 3 weeks ago and at the time of evaluation: paired t-test:



Box & Whisker Plot
mass 3 weeks ago vs. mass now
Include condition: 'group'='experiment'

□ Median
□ 25%-75%
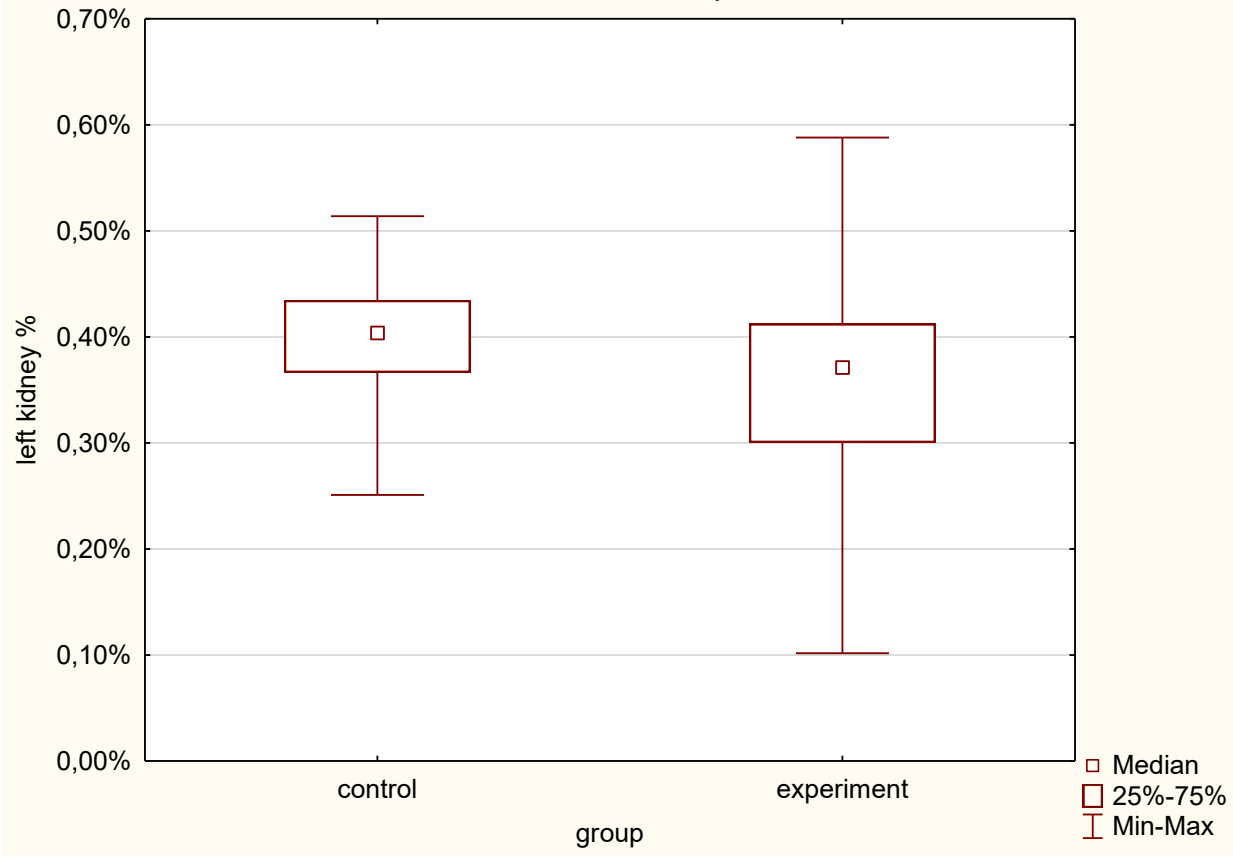⊥ Min-Max

| | T-test for Dependent Samples (renin_corr_2020) Marked differences are significant at p < ,05000 Include condition: 'group'='experiment' | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Variable | Mean | Std.Dv. | N | Diff. | Std.Dv. Diff. | t | df | p | Confidence -95,000% | Confidence +95,000% |
| mass 3 weeks ago | 272,7414 | 25,84879 | | | | | | | | |
| mass now | 298,8103 | 33,92327 | 58 | -26,0690 | 28,22023 | -7,03521 | 57 | 0,000000 | -33,4891 | -18,6488 |

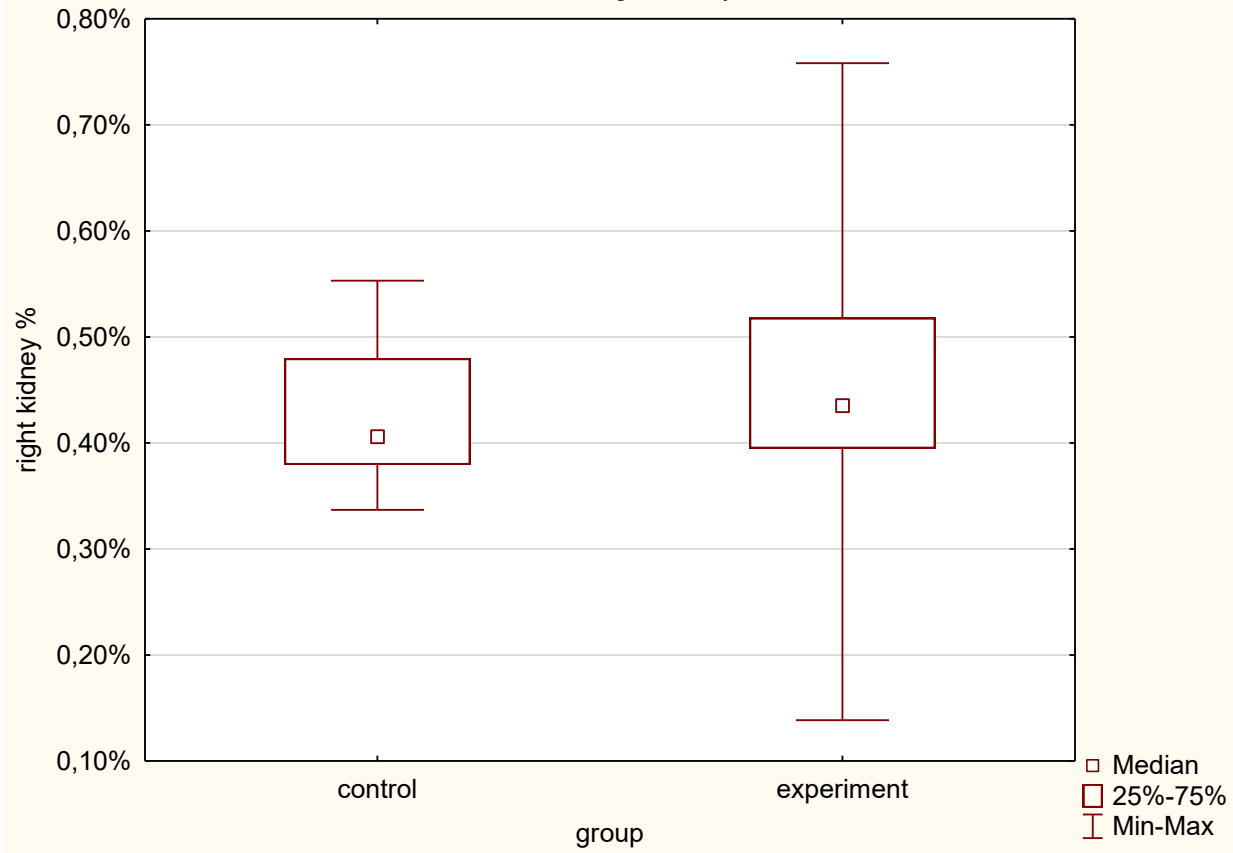Comparison of parameters in experiments and controls: Mann-Whitney U-test:

Boxplot by Group
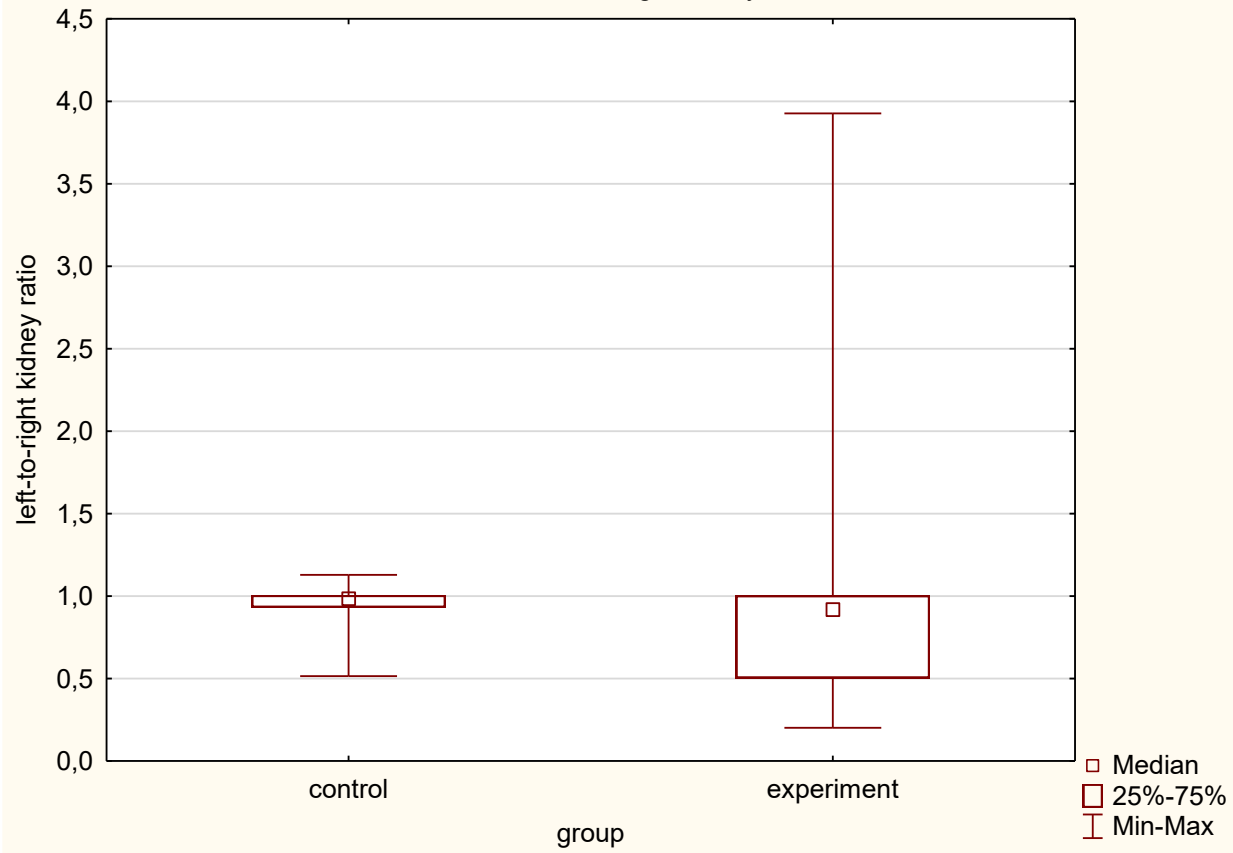Variable: mass now

□ Median
▢ 25%-75%
⊥ Min-Max

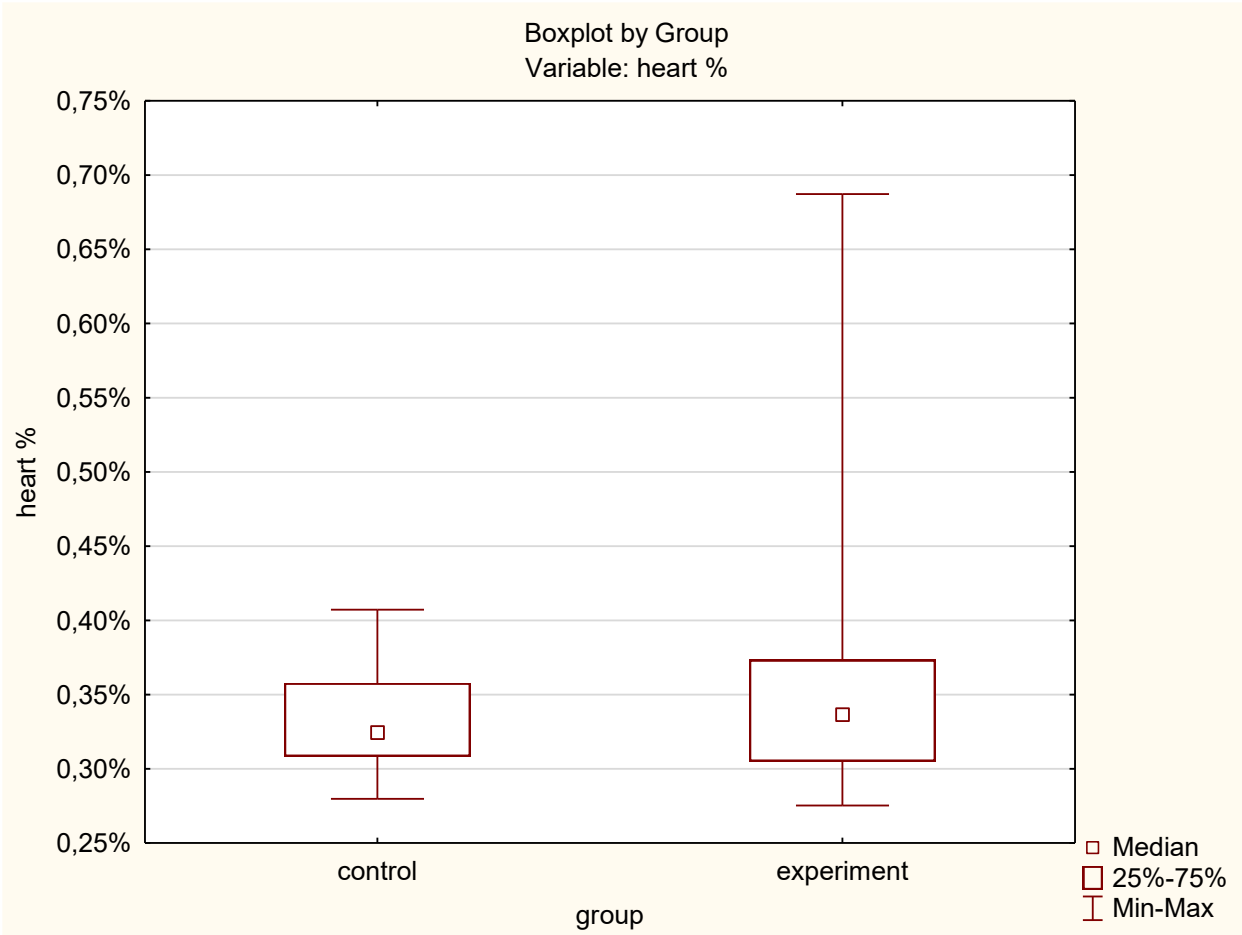Boxplot by Group
Variable: left kidney %

Boxplot by Group
Variable: right kidney %
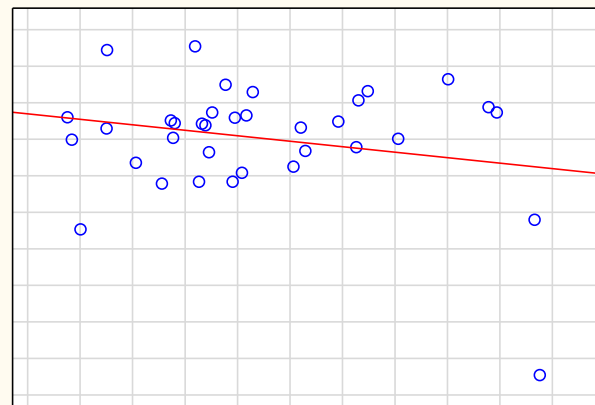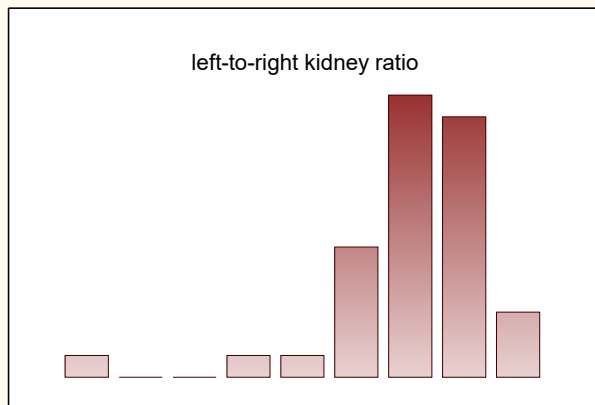
Boxplot by Group
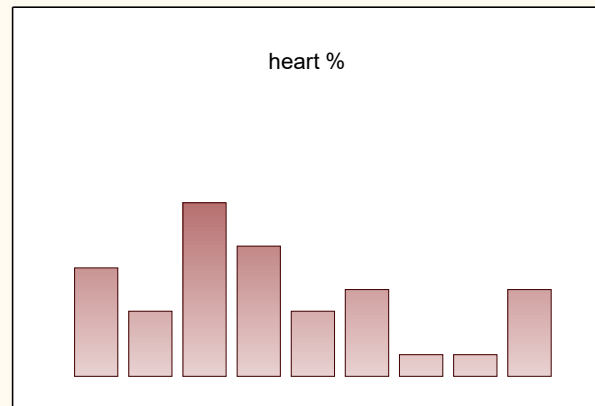Variable: left-to-right kidney ratio

Boxplot by Group
Variable: heart %

| Mann-Whitney U Test (w / continuity correction) (renin_corr_2020) By variable group Marked tests are significant at p <,05000 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| variable | Rank Sum control | Rank Sum experiment | U | Z | p-value | Z adjusted | p-value | Valid N control | Valid N experiment | 2*1sided exact p |
| mass now | 1479,000 | 8532,000 | 813,000 | -5,08996 | 0,000000 | -5,09104 | 0,000000 | 36 | 105 | 0,000000 |
| left kidney % | 3152,500 | 6717,500 | 1257,500 | 2,92740 | 0,003418 | 2,92741 | 0,003418 | 36 | 104 | 0,003118 |
| right kidney % | 2073,500 | 7937,500 | 1407,500 | -2,27902 | 0,022667 | -2,27903 | 0,022666 | 36 | 105 | 0,022066 |
| left-to-right kidney ratio | 3408,500 | 7469,500 | 1364,500 | 2,99046 | 0,002786 | 2,99046 | 0,002786 | 37 | 110 | 0,002526 |
| heart % | 2276,000 | 7594,000 | 1646,000 | -0,91915 | 0,358019 | -0,91915 | 0,358017 | 35 | 105 | 0,359638 |

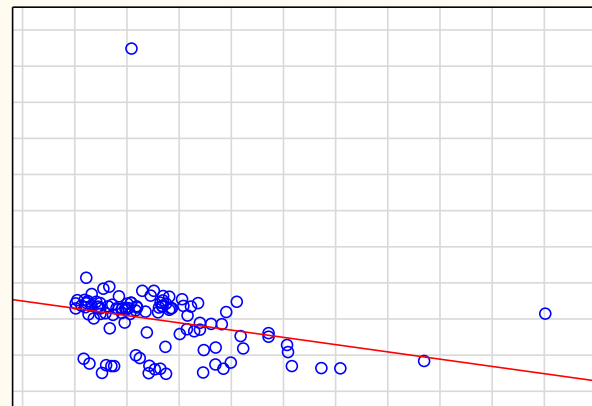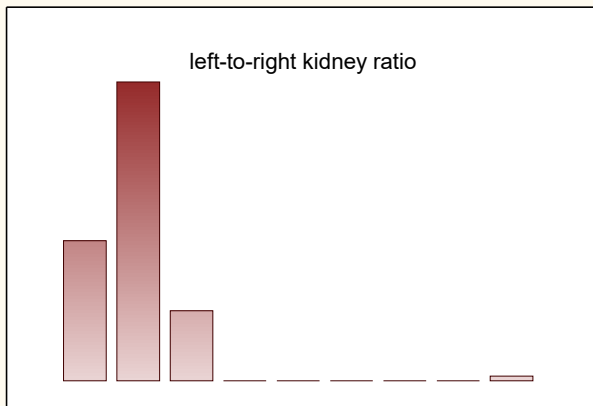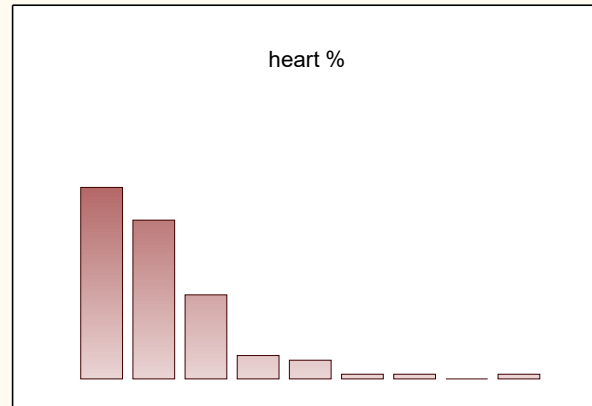Correlation between left-to-right kidney ratio in experiments and in controls:



group=control
Correlations (renin_corr_2020 46v*215c)

| Pair of Variables | group=control<br>Spearman Rank Order Correlations (renin_corr_2020)<br>MD pairwise deleted<br>Marked correlations are significant at p <,05000 | | | |
|---|---|---|---|---|
| | Valid<br>N | Spearman<br>R | t(N-2) | p-value |
| left-to-right kidney ratio & heart % | 35 | 0,077311 | 0,445451 | 0,658903 |

group=experiment
Correlations (renin_corr_2020 46v*215c)

heart %

left-to-right kidney ratio

| Pair of Variables | group=experiment<br>Spearman Rank Order Correlations (renin_corr_2020)<br>MD pairwise deleted<br>Marked correlations are significant at p <,05000 | | | |
| --- | --- | --- | --- | --- |
| | Valid<br>N | Spearman<br>R | t(N-2) | p-value |
| left-to-right kidney ratio & heart % | 105 | -0,384809 | -4,23121 | 0,000051 |