

| Col. stats | | A | B | C | D | E | F | G | H |
|------------|---|----------------|--------|-------------|--------------|---------------|----------------|---------------|----------------|
| | | Non-irradiated | PTV | -5 to +20mm | +45 to +60mm | +87 to +112mm | +162 to +187mm | +87 to +112mm | +162 to +187mm |
| | | Y | Y | Y | Y | Y | Y | Y | Y |
| 1 | Number of values | 32 | 74 | 28 | 34 | 64 | 58 | 30 | 23 |
| 2 | | | | | | | | | |
| 3 | Minimum | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4 | 25% Percentile | 0.0 | 0.0 | 1.250 | 0.0 | 0.2500 | 0.0 | 1.000 | 0.0 |
| 5 | Median | 0.0 | 7.000 | 3.000 | 1.500 | 1.000 | 1.000 | 2.000 | 1.000 |
| 6 | 75% Percentile | 1.750 | 13.00 | 7.000 | 3.000 | 2.000 | 3.000 | 3.000 | 3.000 |
| 7 | Maximum | 10.00 | 34.00 | 20.00 | 18.00 | 6.000 | 22.00 | 15.00 | 7.000 |
| 8 | | | | | | | | | |
| 9 | Mean | 1.219 | 8.297 | 4.714 | 2.147 | 1.578 | 2.431 | 2.800 | 1.783 |
| 10 | Std. Deviation | 2.166 | 8.030 | 4.594 | 3.183 | 1.456 | 4.151 | 2.734 | 2.235 |
| 11 | Std. Error of Mean | 0.3829 | 0.9335 | 0.8681 | 0.5458 | 0.1820 | 0.5451 | 0.4992 | 0.4661 |
| 12 | | | | | | | | | |
| 13 | Lower 95% CI of mean | 0.4377 | 6.437 | 2.933 | 1.037 | 1.214 | 1.340 | 1.779 | 0.8160 |
| 14 | Upper 95% CI of mean | 2.000 | 10.16 | 6.495 | 3.258 | 1.942 | 3.523 | 3.821 | 2.749 |
| 15 | | | | | | | | | |
| 16 | D'Agostino & Pearson omnibus normality test | | | | | | | | |
| 17 | K2 | 36.49 | 15.44 | 16.39 | 58.86 | 8.945 | 58.96 | 47.55 | 9.159 |
| 18 | P value | < 0.0001 | 0.0004 | 0.0003 | < 0.0001 | 0.0114 | < 0.0001 | < 0.0001 | 0.0103 |
| 19 | Passed normality test (alpha=0.05)? | No | No | No | No | No | No | No | No |
| 20 | P value summary | **** | *** | *** | **** | * | **** | **** | * |
| 21 | | | | | | | | | |
| 22 | Sum | 39.00 | 614.0 | 132.0 | 73.00 | 101.0 | 141.0 | 84.00 | 41.00 |

| 1way ANOVA ANOVA | | |
|---------------------|--|-------------|
| 1 | Table Analyzed | 53BP 1 |
| 2 | | |
| 3 | Kruskal-Wallis test | |
| 4 | P value | < 0.0001 |
| 5 | Exact or approximate P value? | Approximate |
| 6 | P value summary | **** |
| 7 | Do the medians vary signif. (P < 0.05) | Yes |
| 8 | Number of groups | 8 |
| 9 | Kruskal-Wallis statistic | 58.08 |
| 10 | | |
| 11 | Data summary | |
| 12 | Number of treatments (columns) | 8 |
| 13 | Number of values (total) | 343 |

| 1way ANOVA Multiple comparisons | | | | | | |
|------------------------------------|-----------------------------------|-----------------|--------------|-----------------|----|----|
| 1 | Number of families | 1 | | | | |
| 2 | Number of comparisons per family | 7 | | | | |
| 3 | Alpha | 0.05 | | | | |
| 4 | | | | | | |
| 5 | Dunn's multiple comparisons test | Mean rank diff. | Significant? | Summary | | |
| 6 | | | | | | |
| 7 | Non-irradiated vs. PTV | -118.8 | Yes | **** | | |
| 8 | Non-irradiated vs. -5 to +20mm | -105.0 | Yes | *** | | |
| 9 | Non-irradiated vs. +45 to +60mm | -44.02 | No | ns | | |
| 10 | Non-irradiated vs. +87 to +112mm | -35.70 | No | ns | | |
| 11 | Non-irradiated vs. +162 to +187mm | -33.91 | No | ns | | |
| 12 | Non-irradiated vs. +87 to +112mm | -83.58 | Yes | ** | | |
| 13 | Non-irradiated vs. +162 to +187mm | -29.87 | No | ns | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | Test details | Mean rank 1 | Mean rank 2 | Mean rank diff. | n1 | n2 |
| 17 | | | | | | |
| 18 | Non-irradiated vs. PTV | 111.7 | 230.6 | -118.8 | 32 | 74 |
| 19 | Non-irradiated vs. -5 to +20mm | 111.7 | 216.7 | -105.0 | 32 | 28 |
| 20 | Non-irradiated vs. +45 to +60mm | 111.7 | 155.7 | -44.02 | 32 | 34 |
| 21 | Non-irradiated vs. +87 to +112mm | 111.7 | 147.4 | -35.70 | 32 | 64 |
| 22 | Non-irradiated vs. +162 to +187mm | 111.7 | 145.6 | -33.91 | 32 | 58 |
| 23 | Non-irradiated vs. +87 to +112mm | 111.7 | 195.3 | -83.58 | 32 | 30 |
| 24 | Non-irradiated vs. +162 to +187mm | 111.7 | 141.6 | -29.87 | 32 | 23 |