# 厚度事后检验

Multiple Comparison of Means - Tukey HSD, FWER=0.05

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group1 group2 meandiff p-adj lower upper reject

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0.0 1.0 0.9929 0.017 0.123 1.8627 True

0.0 2.0 0.9445 0.001 0.3911 1.498 True

0.0 3.0 1.0929 0.001 0.4457 1.7401 True

0.0 4.0 1.3992 0.001 0.7018 2.0966 True

0.0 5.0 1.0912 0.0364 0.045 2.1374 True

1.0 2.0 -0.0483 0.9 -0.9974 0.9008 False

1.0 3.0 0.1 0.9 -0.9067 1.1067 False

1.0 4.0 0.4063 0.8336 -0.6334 1.446 False

1.0 5.0 0.0983 0.9 -1.2013 1.398 False

2.0 3.0 0.1483 0.9 -0.602 0.8987 False

2.0 4.0 0.4547 0.531 -0.3394 1.2487 False

2.0 5.0 0.1467 0.9 -0.9663 1.2596 False

3.0 4.0 0.3063 0.8927 -0.5557 1.1684 False

3.0 5.0 -0.0017 0.9 -1.1641 1.1607 False

4.0 5.0 -0.308 0.9 -1.4991 0.8831 False

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# 孔隙率

Multiple Comparison of Means - Tukey HSD, FWER=0.05

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group1 group2 meandiff p-adj lower upper reject

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0.0 1.0 3.4775 0.0172 0.4259 6.529 True

0.0 2.0 3.2386 0.001 1.2971 5.18 True

0.0 3.0 3.6258 0.001 1.3554 5.8962 True

0.0 4.0 3.8928 0.001 1.4461 6.3395 True

0.0 5.0 3.5008 0.0695 -0.1692 7.1708 False

1.0 2.0 -0.2389 0.9 -3.5684 3.0906 False

1.0 3.0 0.1483 0.9 -3.3832 3.6798 False

1.0 4.0 0.4153 0.9 -3.232 4.0626 False

1.0 5.0 0.0233 0.9 -4.5358 4.5825 False

2.0 3.0 0.3872 0.9 -2.245 3.0194 False

2.0 4.0 0.6542 0.9 -2.1315 3.4399 False

2.0 5.0 0.2622 0.9 -3.642 4.1664 False

3.0 4.0 0.267 0.9 -2.7572 3.2912 False

3.0 5.0 -0.125 0.9 -4.2028 3.9528 False

4.0 5.0 -0.392 0.9 -4.5705 3.7865 False

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# 压缩回弹

Multiple Comparison of Means - Tukey HSD, FWER=0.05

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group1 group2 meandiff p-adj lower upper reject

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0.0 1.0 10.9697 0.0132 1.6158 20.3237 True

0.0 2.0 6.3075 0.0321 0.3565 12.2586 True

0.0 3.0 5.4064 0.2103 -1.5531 12.3659 False

0.0 4.0 4.6784 0.4425 -2.8214 12.1782 False

0.0 5.0 1.7364 0.9 -9.5133 12.9861 False

1.0 2.0 -4.6622 0.7237 -14.8682 5.5438 False

1.0 3.0 -5.5633 0.6287 -16.3884 5.2617 False

1.0 4.0 -6.2913 0.5474 -17.4714 4.8888 False

1.0 5.0 -9.2333 0.3776 -23.2084 4.7418 False

2.0 3.0 -0.9011 0.9 -8.9696 7.1674 False

2.0 4.0 -1.6291 0.9 -10.168 6.9098 False

2.0 5.0 -4.5711 0.8484 -16.5387 7.3965 False

3.0 4.0 -0.728 0.9 -9.998 8.542 False

3.0 5.0 -3.67 0.9 -16.1697 8.8297 False

4.0 5.0 -2.942 0.9 -15.7504 9.8664 False

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# 过滤效率

## 插层率

Multiple Comparison of Means - Tukey HSD, FWER=0.05

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group1 group2 meandiff p-adj lower upper reject

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0.0 1.0 10.6633 0.9 -30.6052 51.9318 False

0.0 2.0 6.9487 0.9 -19.3067 33.2041 False

0.0 3.0 18.5301 0.4785 -12.1746 49.2349 False

0.0 4.0 20.5414 0.4479 -12.5471 53.6298 False

0.0 5.0 25.725 0.6214 -23.9077 75.3576 False

1.0 2.0 -3.7146 0.9 -48.7422 41.3131 False

1.0 3.0 7.8668 0.9 -39.8922 55.6258 False

1.0 4.0 9.8781 0.9 -39.4472 59.2034 False

1.0 5.0 15.0617 0.9 -46.5949 76.7183 False

2.0 3.0 11.5814 0.9 -24.0161 47.1789 False

2.0 4.0 13.5926 0.8836 -24.0802 51.2654 False

2.0 5.0 18.7762 0.8922 -34.0233 71.5758 False

3.0 4.0 2.0112 0.9 -38.8871 42.9096 False

3.0 5.0 7.1948 0.9 -47.9525 62.3422 False

4.0 5.0 5.1836 0.9 -51.3256 61.6928 False

## 插层率 接收距离

4.0 接收距离固定为4 下同

Multiple Comparison of Means - Tukey HSD, FWER=0.05

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group1 group2 meandiff p-adj lower upper reject

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0.0 2.0 25.1532 0.3033 -19.5876 69.894 False

0.0 3.0 16.2202 0.6133 -28.5206 60.961 False

0.0 4.0 27.6089 0.0675 -2.2183 57.4361 False

2.0 3.0 -8.933 0.9 -66.6931 48.8271 False

2.0 4.0 2.4557 0.9 -44.7053 49.6166 False

3.0 4.0 11.3887 0.8212 -35.7723 58.5496 False

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3.0

Multiple Comparison of Means - Tukey HSD, FWER=0.05

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group1 group2 meandiff p-adj lower upper reject

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0.0 2.0 20.7567 0.1924 -10.4231 51.9366 False

0.0 3.0 23.407 0.4144 -27.5095 74.3235 False

2.0 3.0 2.6502 0.9 -49.3162 54.6167 False

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2.0

Multiple Comparison of Means - Tukey HSD, FWER=0.05

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group1 group2 meandiff p-adj lower upper reject

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0.0 1.0 9.8285 0.9 -41.5456 61.2027 False

0.0 2.0 4.8402 0.9 -72.2211 81.9015 False

0.0 3.0 25.6062 0.6652 -51.4551 102.6675 False

1.0 2.0 -4.9883 0.9 -86.218 76.2414 False

1.0 3.0 15.7777 0.9 -65.452 97.0074 False

2.0 3.0 20.766 0.8774 -78.7197 120.2517 False

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1.0

Multiple Comparison of Means - Tukey HSD, FWER=0.05

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group1 group2 meandiff p-adj lower upper reject

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0.0 2.0 -15.9062 0.9 -97.2485 65.4361 False

0.0 3.0 11.4598 0.9 -50.6664 73.586 False

0.0 5.0 13.8438 0.8532 -48.2824 75.97 False

2.0 3.0 27.366 0.7191 -63.5774 118.3094 False

2.0 5.0 29.75 0.6741 -61.1934 120.6934 False

3.0 5.0 2.384 0.9 -71.871 76.639 False

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0.0

Multiple Comparison of Means - Tukey HSD, FWER=0.05

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group1 group2 meandiff p-adj lower upper reject

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0.0 2.0 -10.5204 0.8481 -57.112 36.0712 False

0.0 3.0 11.1466 0.9 -49.8562 72.1494 False

0.0 4.0 22.2466 0.421 -24.345 68.8382 False

2.0 3.0 21.667 0.6903 -46.5362 89.8702 False

2.0 4.0 32.767 0.2731 -22.9207 88.4547 False

3.0 4.0 11.1 0.9 -57.1032 79.3032 False

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# 透气性时候分析

Multiple Comparison of Means - Tukey HSD, FWER=0.05

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group1 group2 meandiff p-adj lower upper reject

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0.0 1.0 56.786 0.9 -342.3707 455.9427 False

0.0 2.0 102.5216 0.8122 -151.4255 356.4687 False

0.0 3.0 49.1793 0.9 -247.8028 346.1614 False

0.0 4.0 135.662 0.7786 -184.3754 455.6994 False

0.0 5.0 -101.589 0.9 -581.645 378.467 False

1.0 2.0 45.7356 0.9 -389.7801 481.2512 False

1.0 3.0 -7.6067 0.9 -469.5408 454.3275 False

1.0 4.0 78.876 0.9 -398.2075 555.9595 False

1.0 5.0 -158.375 0.9 -754.7294 437.9794 False

2.0 3.0 -53.3422 0.9 -397.6476 290.9632 False

2.0 4.0 33.1404 0.9 -331.2381 397.519 False

2.0 5.0 -204.1106 0.8189 -714.798 306.5768 False

3.0 4.0 86.4827 0.9 -309.0941 482.0594 False

3.0 5.0 -150.7683 0.9 -684.1639 382.6273 False

4.0 5.0 -237.251 0.7616 -783.8188 309.3168 False

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