

E19) equals or exceeds 30.63. If it does, the formula returns a 1, otherwise, it returns a 0. Once this formula is input, the DATA/TABLE command can be executed for any number of iterations. In this sheet we have done it for 200 iterations. Only the first 10 are shown in FIGURE 1. The column input cell can be any cell not used in the calculations, and it is safest to use cell E25.

To complete the calculation, we simply take an average of the range F26:F225.

This is done in cell E20. Therefore our estimate of the p-value is 0.475. This value is not small enough to warrant rejection of the null hypothesis. Hence we conclude there is not enough evidence to say that the difference in the two treatments is 30.63 days or more.

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References

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The SPECIALIST WITH A UNIVERSAL MIND

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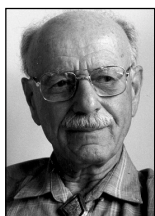
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