

8.5: Chapter 8 Summary

In this chapter, we discussed split-plot designs with the special feature of having two types of experimental units: whole plots into which the whole plot treatments are assigned and the subplots into which the subplot treatments are assigned.

The whole plot assignment can be either according to a CRD or an RCBD, and depending on this design type, the overall design is called a split-plot in either CRD or RCBD. Note that in either case, the denominator of the F -statistic for testing the whole plot factor is not MSE, but equals the MS of replicate(A) and MS of block \times A respectively.

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