

## 12.6: Chapter 12 Summary

---

In this lesson, we discussed the second type of repeated measures designs, namely cross-over designs wherein the treatments themselves are switched on the same experimental unit during the course of the experiment. One concern is the presence of carryover effects caused due to previous applications of different treatment levels. Carryover effects can be reduced by imposing a wash-out period in between the application of different treatment levels on the same experimental unit or by utilizing a repeated measures ANCOVA model that includes coding covariates representing the carry-over effects.

---

This page titled [12.6: Chapter 12 Summary](#) is shared under a [CC BY-NC 4.0](#) license and was authored, remixed, and/or curated by [Penn State's Department of Statistics](#) via [source content](#) that was edited to the style and standards of the LibreTexts platform.