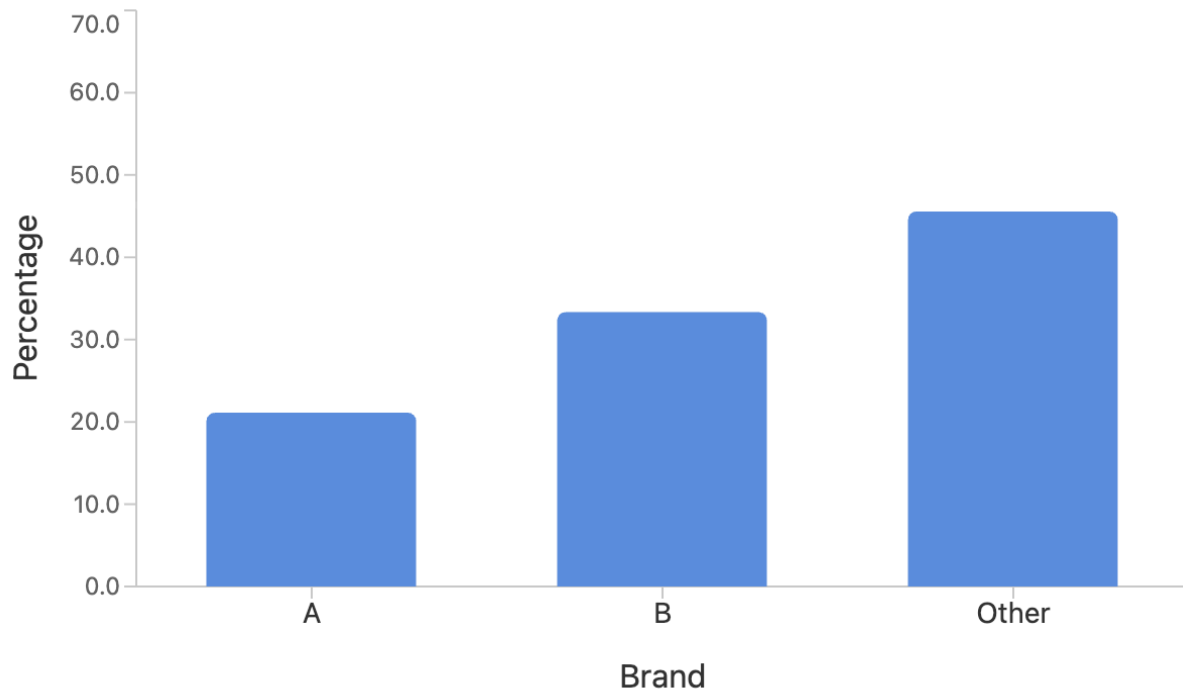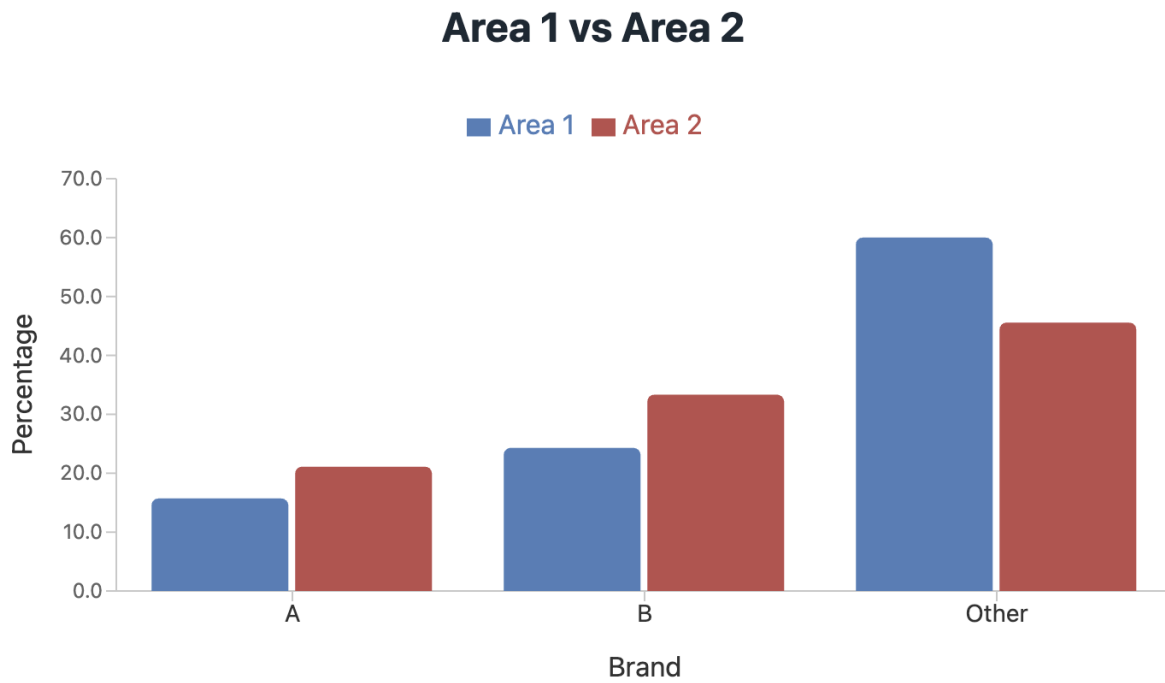# Charts, Exercise 9.1

Area 2

While Area 2 also seems to prefer "Other" brands over either A or B, over half the population did prefer one of the two main brands and a very significant portion prefer brand B. This is very different from Area 1 where the population overwhelmingly opted for Other.

Charts, Exercise 9.2

Area 1 vs Area 2

The clustered chart makes it much easier to compare the difference in preferences between the areas.

Charts, Exercise 9.3

Diet B
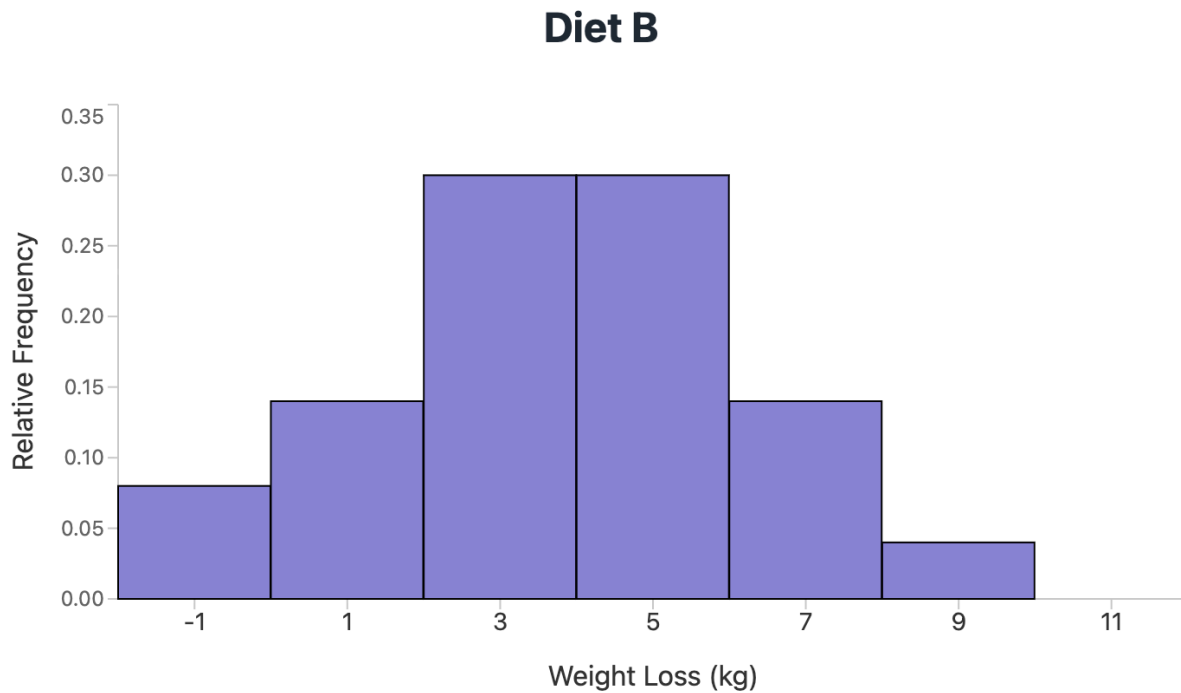
This histogram shows a symmetric and unimodal distribution with most participants orbiting around 4kg of weight loss. The chart contrasts to Diet A which had a very similar shape but was centered around 6kg. We can infer then that the diets have a very similar efficacy in terms of success rate but Diet A was more effective in terms of number of kg lost.

**note: I used Google Sheets to generate the charts as an alternative to Excel or LibreOffice