

Suggested Activity: Part 3

Reading Olson R, Wipfli B, Thompson SV, Elliot DL, Anger WK, Bodner T, Hammer LB, Perrin NA. Weight Control Intervention for Truck Drivers: The SHIFT Randomized Controlled Trial, United States. American Journal of Public Health. 2016:e1-e9.

Questions

1. How many time intervals were included in the analysis for the primary outcome?
2. How would you characterize their approach to the analysis of the primary outcome? Did they use a mixed model? A randomization test? GEE? Another approach?
3. Was the analysis approach appropriate for the design and the data? What are the implications for the results?
4. Explain their intent to treat analysis. Did they have measured outcome data for all enrolled participants at 6-months follow-up? How do you reconcile their report of an intent-to-treat analysis with their retention rate?