

BST 210 Final Project Report

* Please be sure to submit your group assignment on time (or before) to prevent any glitches in the upload from precluding your timely submission.

* **We MUST have all assignments and video uploads by Monday by 9am at the latest so that IT can prepare for our Tuesday presentations.**

* This assignment is the culmination of all of your project work and **should be written in YOUR words using YOUR synthesis and gestalt** – doing so is the main learning goal behind this assignment – **no use of AI is allowed** in any part of the writing of this Final Project Report, just as has been true for all other written assignment submissions in this course. Please refer to our course academic and assignment policy.

Final Project Report notes:

- Must include all author names, Group Number and Group Name at the **top left** of the submitted document.
- Must be different than the two project check-ins (which were more for information gathering, data and method exploration, vetting of ideas, preliminary results, and drafting sections). The Final Project Report should be the culmination of all of these efforts and include the main pieces one would see in a more formal manuscript-style report. This final report should pull out the salient pieces from earlier work and project check-ins in order to formulate the final product and relay the final punchline.
- ‘Brevity is the soul of wit.’ Must be a focused summarization of results, including the most important information, not all the technical details—just as you would see in a manuscript. (Excessive, less relevant material would be considered a negative in such a setting.). When in doubt, keep it brief, clear, to the point.
- Must include, with the above said, clearly stated models using all rigor and notation taught in BST 210 (after all this is a statistics course), clearly defined variables, clearly explained goals, a clearly stated ‘gap’ the method and results are attempting to fill and more—all are critical to any paper aiming to communicate scientific ideas and results. Groups must justify and explain why and how they developed and arrived at any final models under consideration – BRIEFLY and CLEARLY.
- Primary analysis and methods should be the main focus (see HW4 instructions), and all such methods should be specific to BST 210 as has been stated for this project throughout the course. Only secondary analyses/methods can deviate from that which has been prioritized in BST 210, and should not ‘overtake’ the overall analysis, methods, and results presented.
- Must be reflective of the use of logic, common sense, and sound statistical methods throughout.
- Must be succinct and BRIEF, very clearly written, and free of grammatical and spelling errors.
- Must use appropriate number of decimal places, labeling of variables, footnotes, nice layouts of abstract, tables, figures and visual displays (only critical tables and figures, not too many), and a good writing style, like you were submitting your work to a journal.
- **Sections/pieces to include in the Final Project Report .pdf file for submission:**
 - Title, Authors, Date

- Abstract
- Introduction (with review of Literature and domain expertise)
- Research and Analysis Methods
- Findings and Analysis
- Discussion (with possible Limitations and Future Scope)
- Tables and Figures (choose critical ones here, not too many)
- References
- No appendix required – do not submit additional graphs or other information with your project report - we have already seen it. **No general appendix needed!**

- Must be **10-15 pages (NO longer, 10 pages is great if it covers what you wish to appropriately; we allow up to 15 only if you feel you truly need it – but remember, priority on brevity and clarity), 1.5-double spaced, 12-pt font** (excluding references)

Note: Longer does not mean better. Your paper should include carefully selected and prioritized information, while also no glaring omissions.

- Submit a **SEPARATE code file** used for the Final Project Report in the same portal (NOT as part of the Final Project Report .pdf file). A code (only) file is required for this assignment submission.

Important: Support each other and work as a team.

This is very important! *The greatest contributions to the field of statistics and public health in general, are rarely accomplished by one individual working alone. Remember that collectively you have the skills, ambition, and dedication to ultimately change our world.* A course like this, and an assignment like this, may seem small in the grand landscape of public health and science, but it is precisely these steps you are taking, and the progress you each are making, that are critical to moving our communities and our society forward as a whole.