

Review Assessment 1: Optimal Placement Configurations

Purpose/Why:

To review the provided sample outputs and determine if they align with the specifications mentioned in the task scoping document. If discrepancies are identified, please note the class/type of error and provide one explicit example for clarification.

Instructions:

1. Familiarize yourself with the task scoping document, ensuring you understand the intended output and criteria.
 - a. [Link](#)
 - b. Input Files
 - i. Keywords Input.xlsx
 - ii. OPC Labels Input.xlsx
2. Examine each sample output provided. As you review, keep an eye out for any patterns of discrepancies that deviate from the task scoping document's specifications.
 - a. File: opc_review_output.xlsx
 - b. There are sheets numbered 1, 2, 3
3. If you identify a discrepancy, classify the error type. Remember, the errors within the sample outputs belong to the same class/type. Therefore, only one error type and an explicit example from any of the sample outputs need to be reported.
4. Document your findings:
 - a. Error Class/Type: [Provide the general class or type of error you've identified]
 - b. Example: [Provide an explicit instance of this error from the sample outputs, noting which sample output it's from and where it can be found, highlighting rows and columns to help identify the examples]
5. Submit your review findings for further analysis and action.

Note: Accurate identification of errors is critical to the improvement of the output generation process. Ensure your review is thorough and unbiased.

Review Checklist

- ☐ Assign OPC Label to each respective keyword_text
 - ☐ Get the keyword_text, OPC Label pair from the OPC Labels file
 - ☐ Map the OPC Label to the matching keyword_text from the Keywords file
- ☐ Based on the OPC Label for each keyword assign an OPC Ranking (from 1 to n) based on the short_id's place in the list
- ☐ Perform bid swaps for out-of-position short IDs that have both the OPC Ranking and the SPA Rank, where performing the bid swaps include

- ☐ Swap bids amongst the out-of-position short IDs, based on their relative OPC Ranking
- ☐ The highest OPC Rank should have the highest bid, the second highest OPC Rank should have the second highest bid, all the way to the lowest OPC Rank getting the smallest bid.
- ☐ Identifying any short IDs that are (a) not present in the SPA spots but are (b) ranked higher than the lowest ranked short ID observed in the SPA spots and that have OPC Ranking
 - ☐ If the OPC Ranking is higher than the ranks of all short IDs observed in the SPA spots, then perform 15% bid increments on top of the highest bid of all lower ranked SPA Spots
 - ☐ If the 15% increment results in a bid smaller than the previous bid, use the max of 15% increment and the current bid.