

## Meeting Summary on Belsomra Study on June 12

1. Goal of the study: to compare the outcomes of Belsomra on Alzheimer patients and other drugs, such as Trazodone, to see if Belsomra has a positive effect on Alzheimer. Details see Fig. 1.
2. Inclusion-exclusion criteria: has been specified in the protocol. Relevant cohort study: BEL\_AD, ZD\_AD.
3. Definition of outcome: healthcare utilization (hospital visits) related to Alzheimer disease, or biomarkers if possible.
4. Our mission:
  1. Feasibility analysis: Check if the cohorts are compatible, and selection bias can be alleviated using existing methods. Check if sending it to a vendor is necessary.
  2. Step-by-step analysis: provide a descriptive result for presentation, based on raw data.
5. Methods: Propensity score, IPW are recommended according to protocols, TMLE method is not needed.