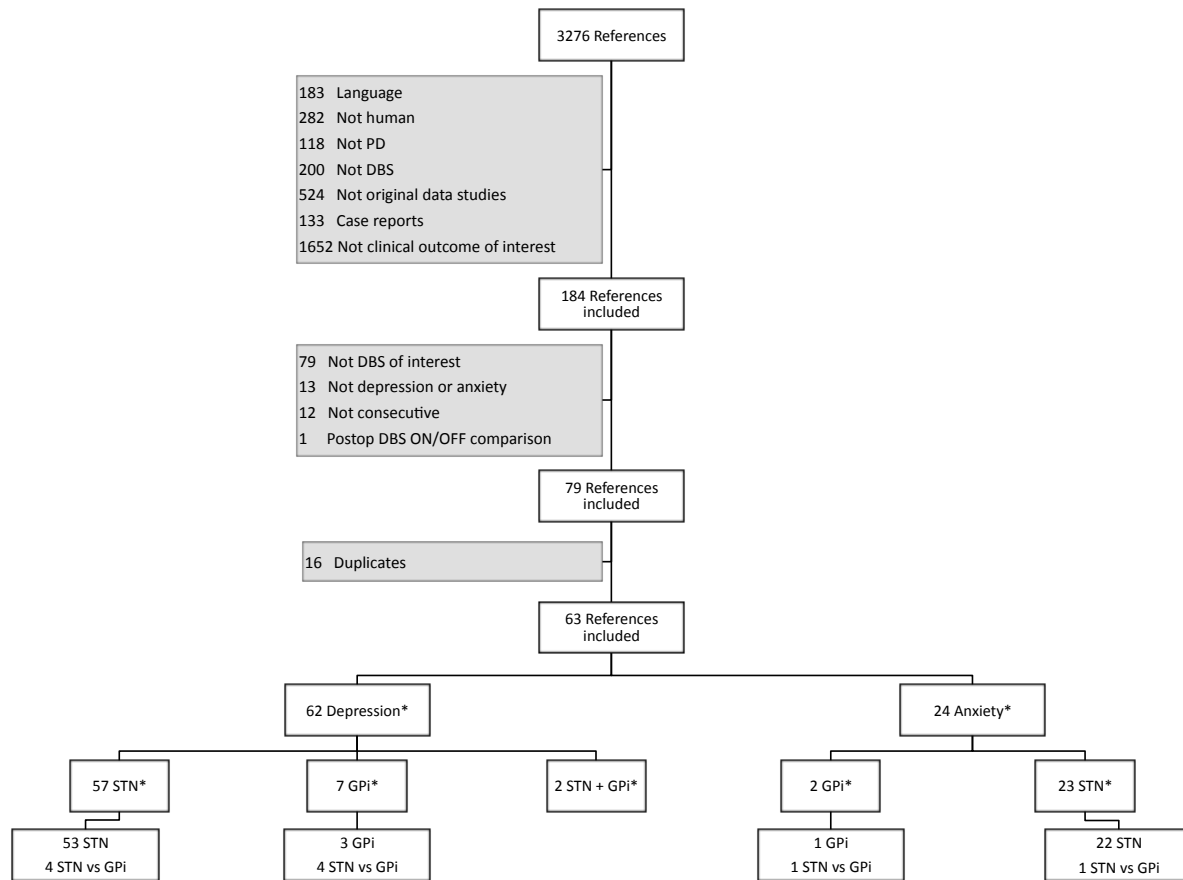


Appendix 1. Systematic review flow-chart



Systematic review approach is outlined with respective proportion of excluded references attributed to each criterion. Literature distribution by psychiatric outcome and surgical target is also presented.

* The same reference might be contained in more than one group.

Abbreviations: PD: Parkinson's Disease; DBS: Deep Brain Stimulation; STN: Subthalamic Nucleus; GPi: Globus Pallidus internum; STN + GPi: studies with data not discriminated regarding both targets; STN vs GPi: studies with comparison between both targets.