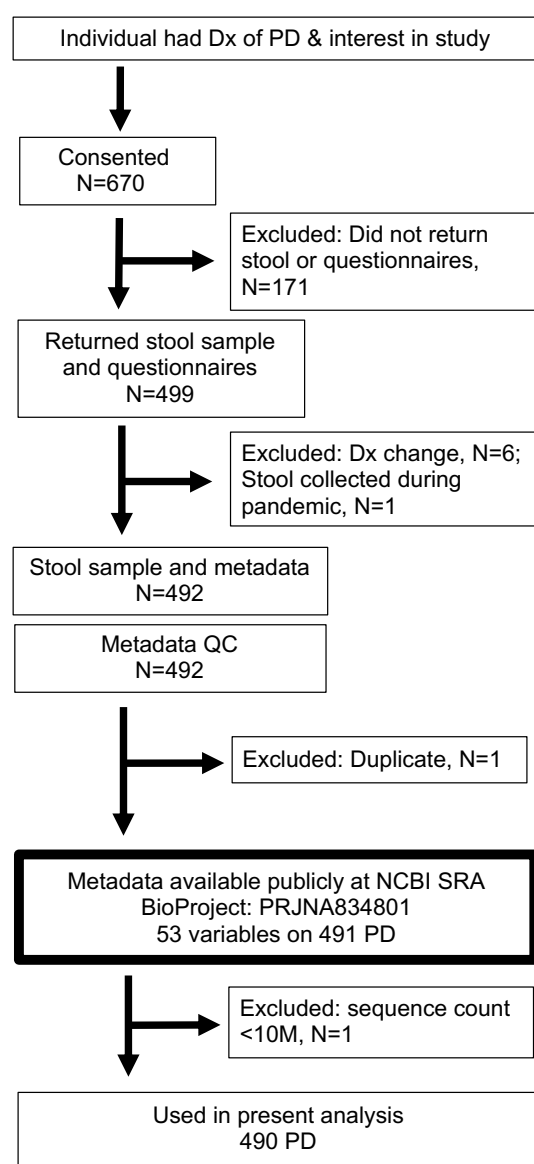
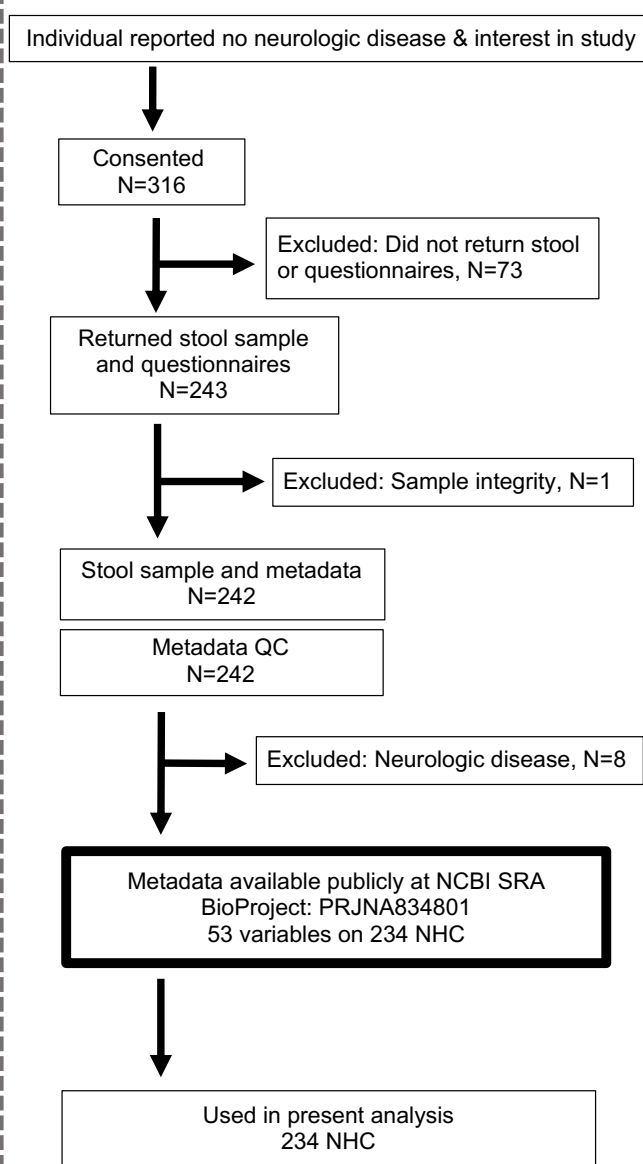
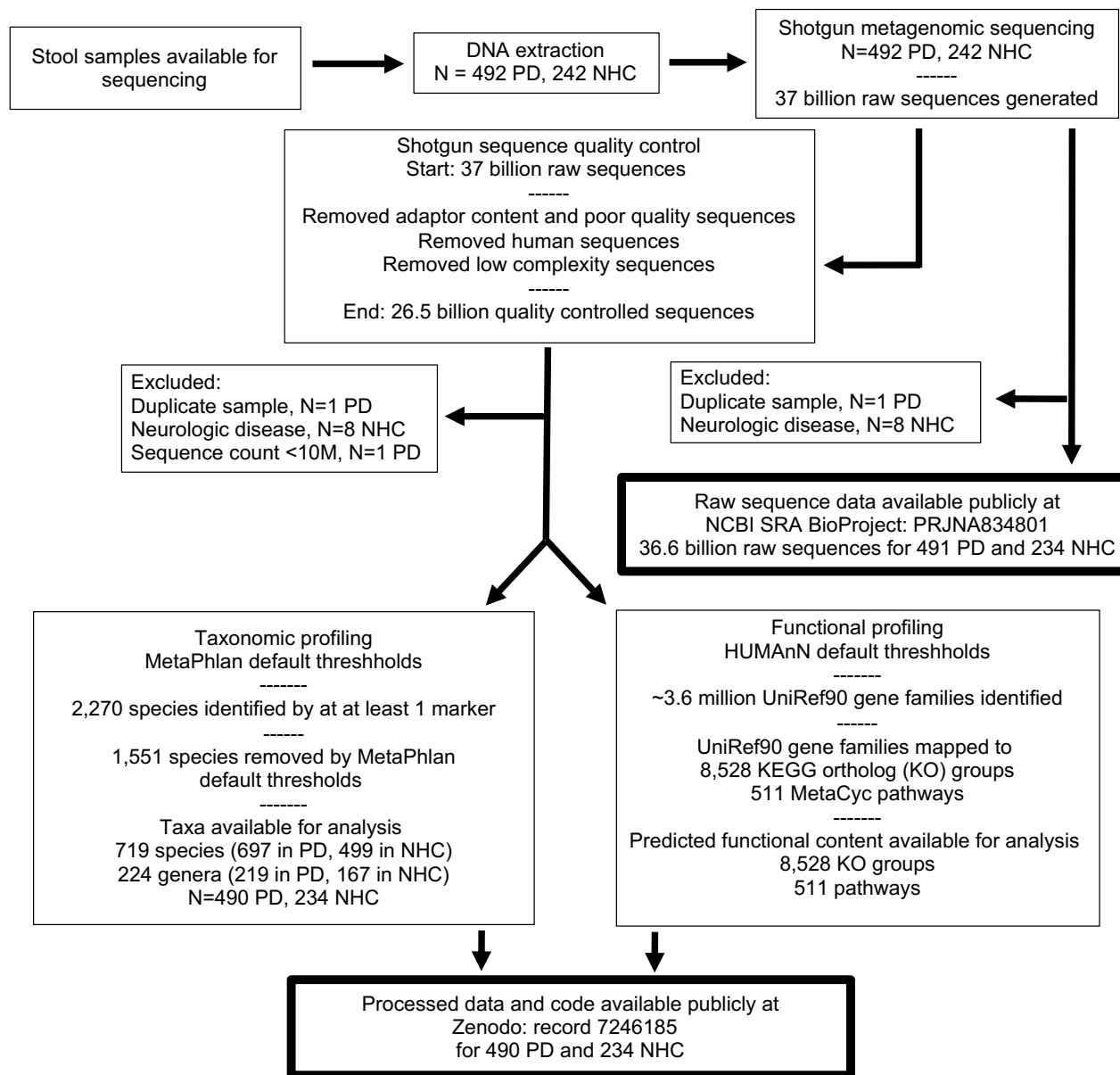
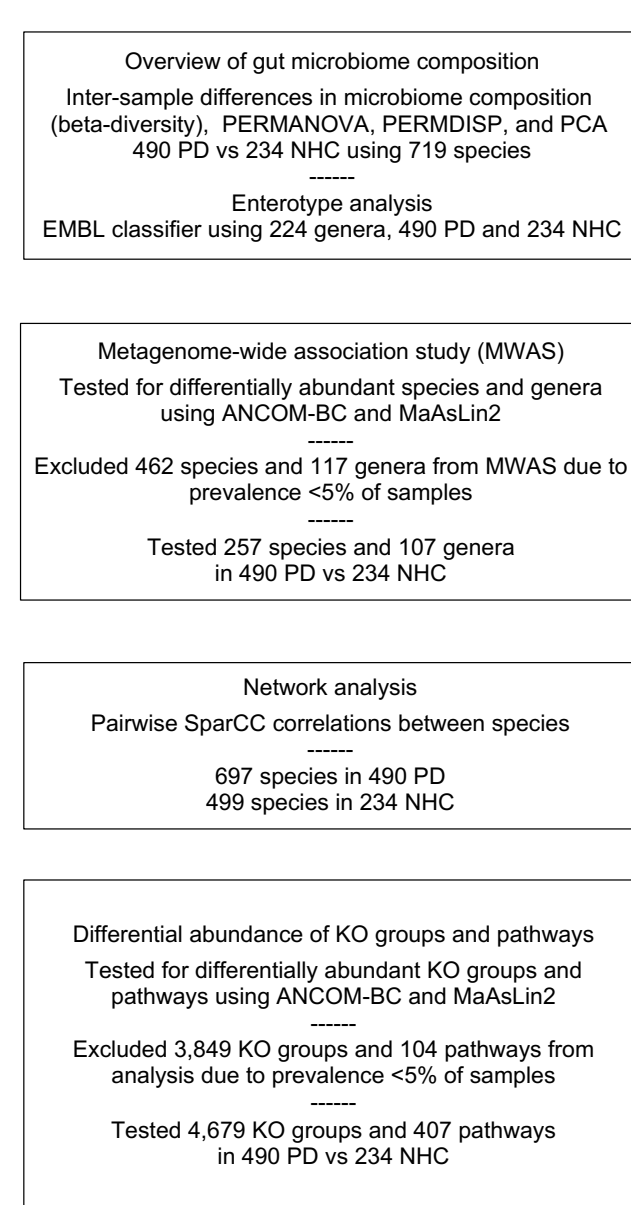


**(a) Persons with PD****(b) Neurologically healthy controls (NHC)****(c) Shotgun sequencing, quality control, taxonomic and functional profiling****(d) Statistical analysis - primary hypothesis-free****(e) Statistical analysis - auxiliary**