

Supplement E. Coding approach

Cycle	Approach	Description	Rating
1	Content coding: symptoms	Spreadsheet coding to identify all reported symptoms of PD at year 2, along with bothersomeness ratings based on position in map.	Patient Reported Symptom Scores (PRSS): • "Most bothersome"=4 • "Somewhat bothersome"=3 • "Less bothersome"=2 • "Not bothersome"=1 • "No current issues but still personally important"= 0 • "Not relevant or not a symptom of early PD"= 888
2	Content coding: impacts and contributing symptoms	Spreadsheet coding to identify all impacts and symptoms contributing to the impact	• Impacts indicated as <i>present</i> (+) or <i>not present</i> (.) • Contributing symptoms indicated as contributing (+) or not contributing (.)
3	Content coding: relevance of digital measures (maps/pictographs)	Association of digital measures (pictograph) to personally important symptoms and impacts delineated in the map	• Association with most bothersome symptom = 4 • Association with somewhat bothersome symptom = 3 • Association with less bothersome symptom = 2 • Association with symptom that is present but not bothersome = 1 • Association with symptom that is not present but important = 0 • Perceived as not relevant or not capturing a personal symptom of early PD = 888
4	Content coding: relevance of digital measures (interview transcripts)	Standardized content validity questions assessing perceived relevance of digital measures to personally important symptoms	• "Yes" = perceived as relevant to personally important symptoms • "No" = perceived as not important to personally important symptoms • "Qualified" = ambiguous answer (e.g., yes if certain conditions are met, otherwise no)