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Analysis of Quality of Life in Parkinson's Disease Caregivers: A Quantitative Research Study

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BACKGROUND

- Researchers indicated that healthcare practitioners often do not realize the burdens of caregivers since their focus is solely on the patient (Turney et al., 2017).
- Caregiver burden is often untreated and can take a toll on the client due to the unmet needs of the caregiver leading to reduced QOL (Henry et al., 2020; Schuller et al., 2017).
- Researchers indicate a direct relationship in QOL between caregivers and persons with Parkinson's. **This relationship is as follows:** as the caregivers' QOL decreases, the individual with Parkinson's QOL also decreases (Lageman et al., 2018; Schuller et al., 2017).

PROBLEM

- There is a gap in the literature understanding the relationship between Parkinson's disease symptoms and caregiver occupational performance resulting in decreased quality of life, health, and well-being among caregivers (Henry et al., 2020; Turney et al., 2017).

PURPOSE

- The purpose of this quantitative research type project is to analyze the relationship between Parkinson's disease symptoms and caregiver occupational performance to improve caregiver quality of life, health, and well-being (Henry et al., 2020).

FRAMEWORK & ASSESSMENTS USED

Theoretical Framework:

1. Model of Human Occupation (MOHO)

Assessment Tool:

1. Parkinson's Disease Questionnaire-Carer (PDQ-C)

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METHODS

- A quantitative research design was used to analyze occupational performance of caregivers & severity of Parkinson's symptoms in loved ones through a survey.
- Data was collected through a survey monkey distributed on social media platforms to recruit informal Parkinson's caregivers.

➤ Sampling & Recruitment

- Convenience & snowball sampling used
- **Inclusion criteria:** Informal caregivers of PD between 18- and 95-years old.

- Survey open for 45 days

- 91 participants

- 15 min duration to complete the survey

➤ Survey monkey consists of:

- Informed consent (1st few pages)
- PDQ-C inputted into survey for Q's 2-5

➤ Research Q's:

- 1. Is there a relationship between caregiver rating of severity of loved ones w/ Parkinson's symptoms & caregiver score on the PDQ-C?
- 2. Is there a relationship between caregiver rating of severity of loved ones w/ Parkinson's symptoms & caregiver rating on social participation?

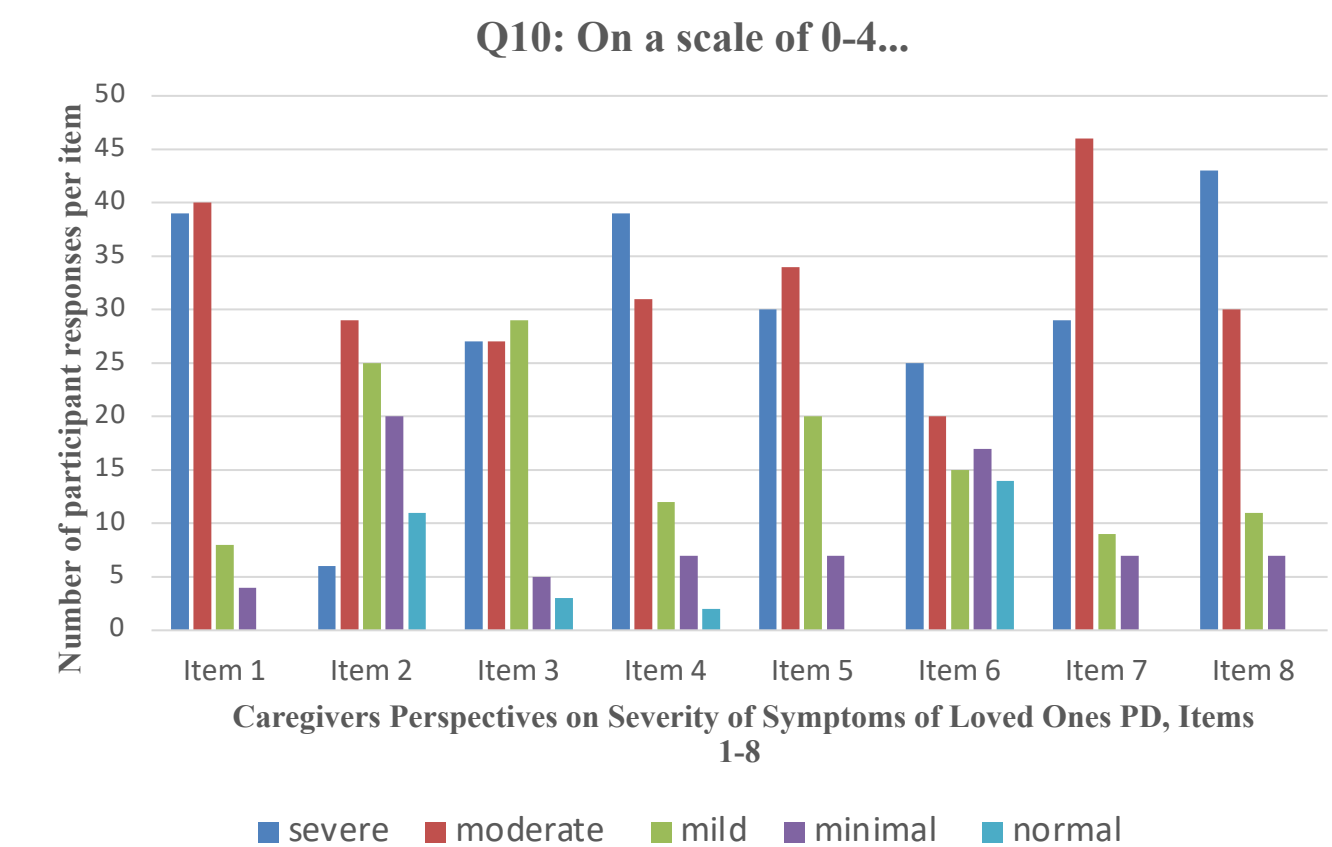
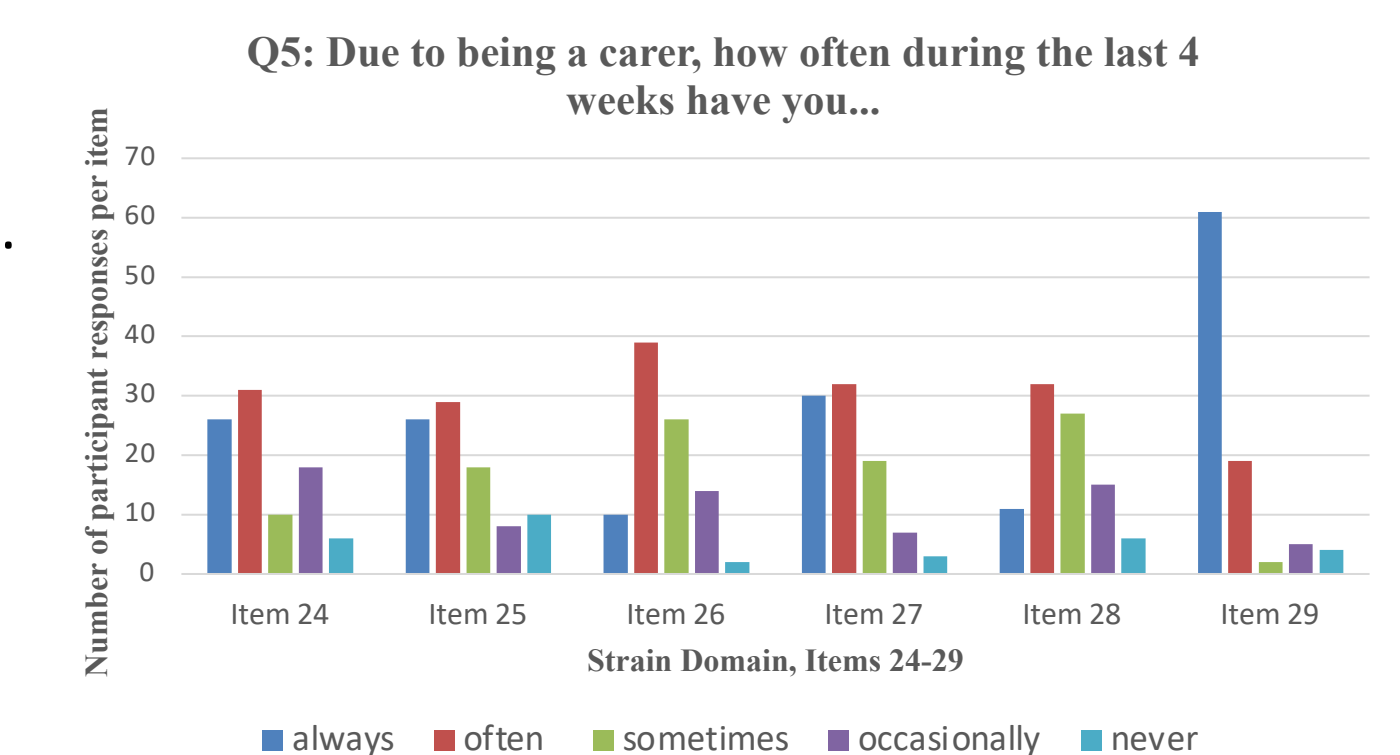
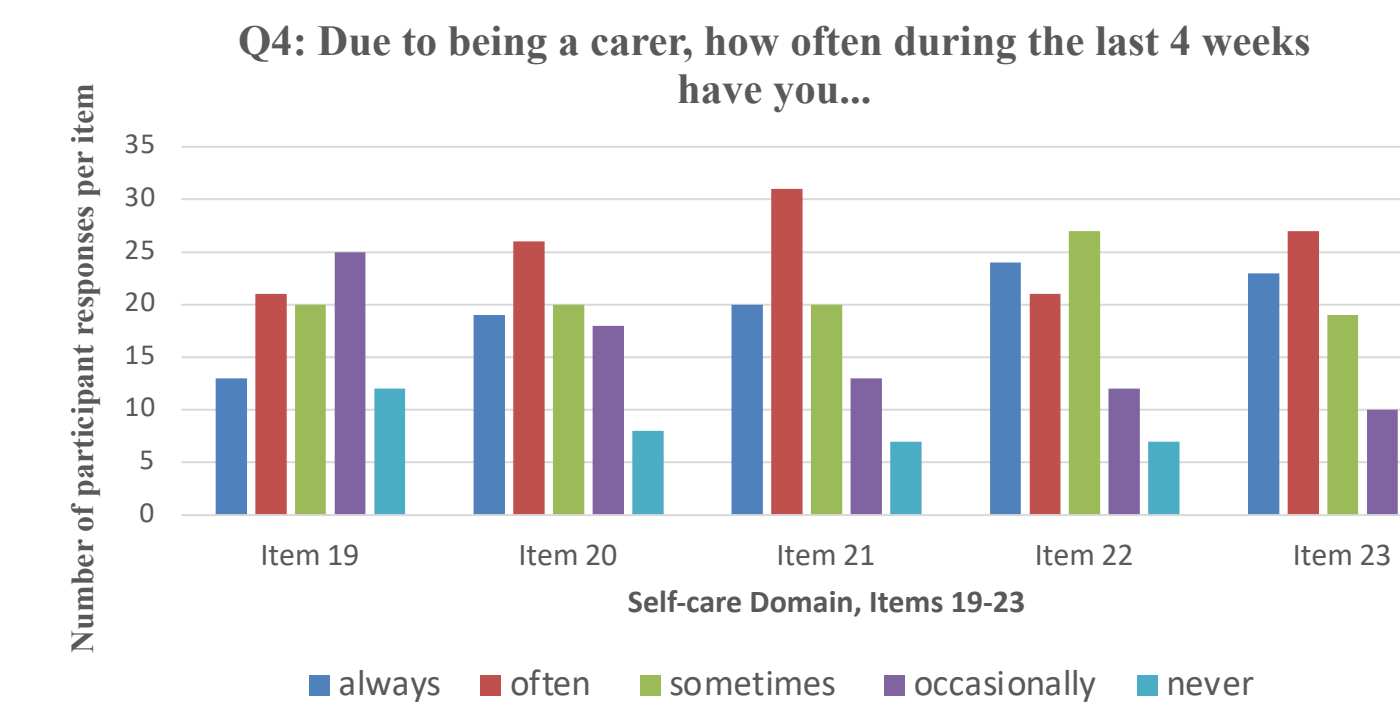
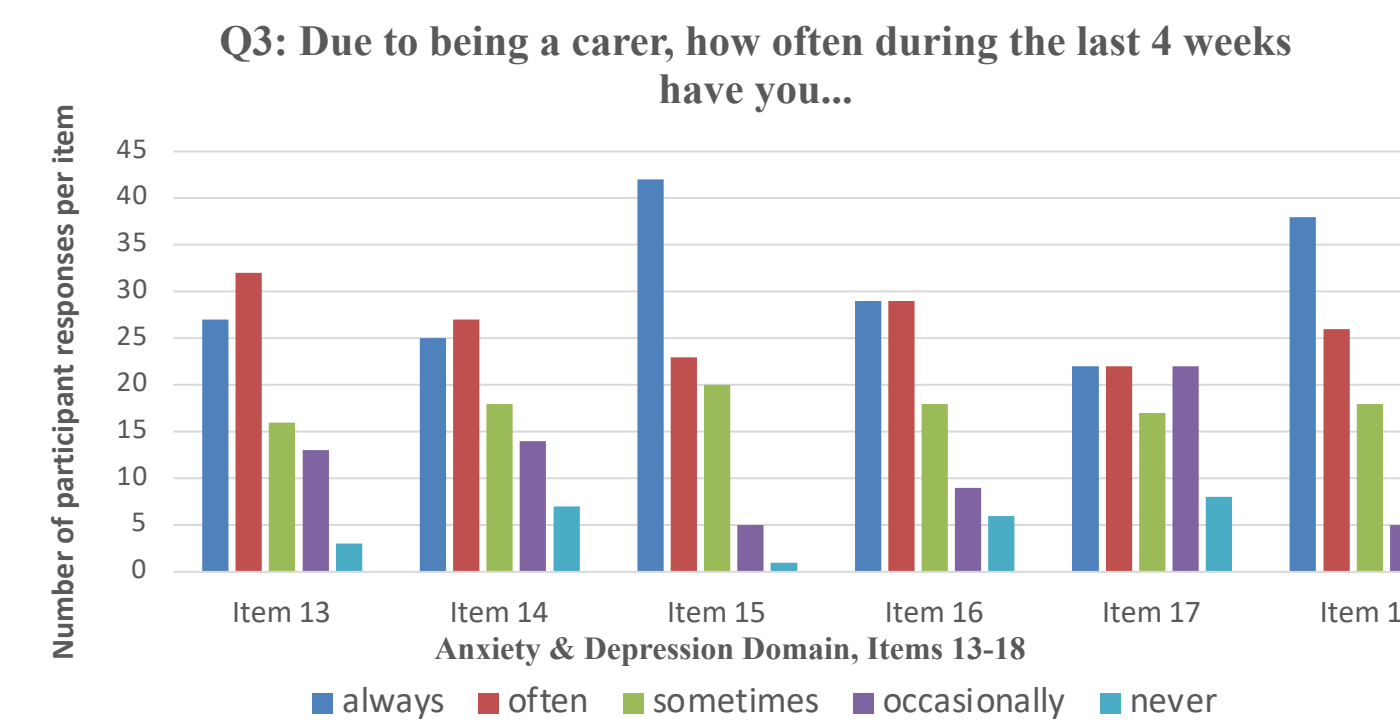
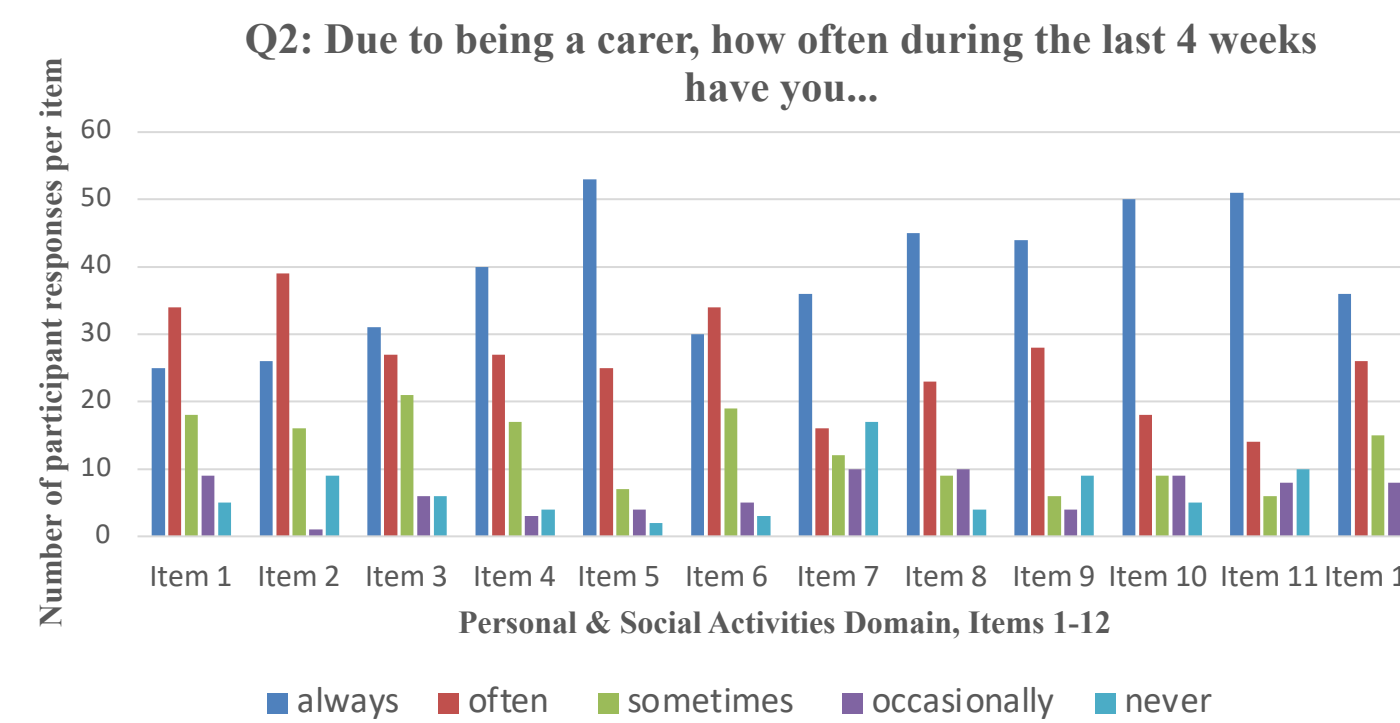
RQ1

- Q's #2, 3, 4, 5 (4 domains of the PDQ-C) & Q10 (caregivers' perspectives of the severity of the persons w/ PD symptoms) proved the RQ1 to be true.
- Q's #2-5 have a mean of 2.97, w/ a SD of 0.13.
- Q10 has a mean of 3.82, w/ a SD of 0.20.

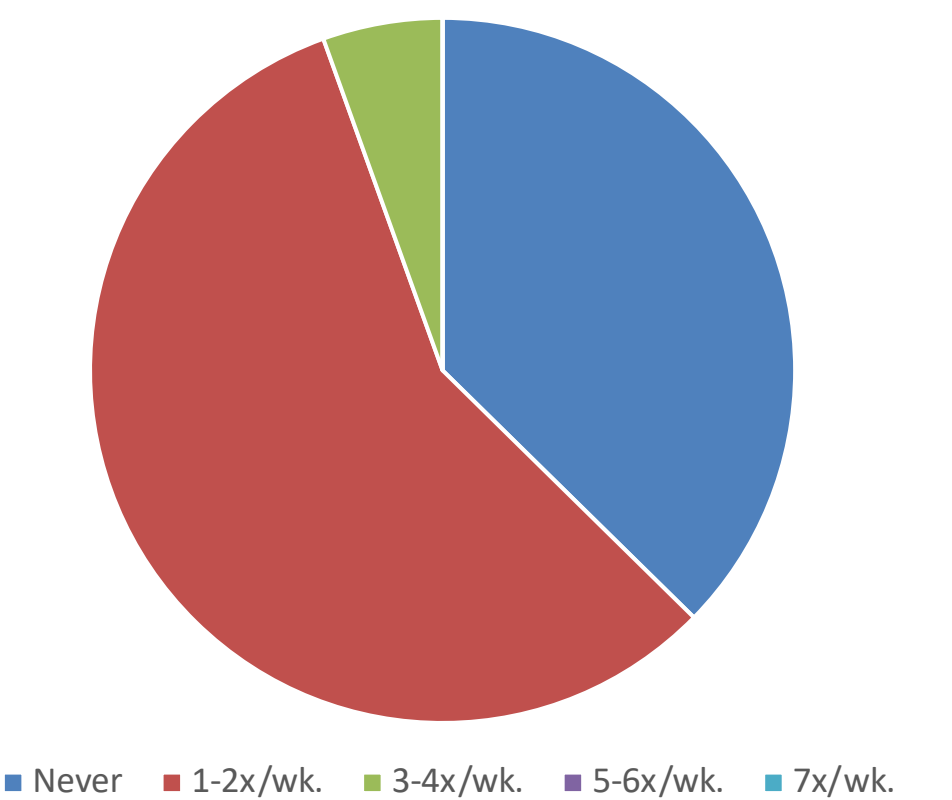
RQ2

- Q10 (see above) & item 2 of Q14 (caregivers' rating on involvement in social participation) proved the RQ2 to be true.
- Q14 has a mean of 1.68, w/ a SD of 0.57.

RESULTS



Q14, Item 2: Social Participation Responses



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