

# Agreement between nursing home caregivers' observations of residents' depression, well-being and quality of life

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# Agreement between nursing home caregivers' observations of residents' depression, well-being and quality of life

## Objective

To assess the agreement between caregivers' observations of depression, well-being and quality of life in nursing home residents with and without dementia

## Background

- Nursing home caregivers commonly act as proxies for resident outcomes
- Studies assessing the agreement between caregivers' observations are scarce
- Limited attention has been paid to reporting agreement indexes stratified by the level of residents' cognitive functioning

## Dataset

- Observer-reported scores for depression, well-being, and quality of life
- Two caregivers (registered nurse or certified nurse assistant) evaluated 81 residents of 21 nursing homes

## Agreement coefficients

- **Items:** Gwet's AC1 or AC2
- **Scales:** ICC(1,1) & ICC(1,2)
- **Classification:** Altman's benchmark scale membership probabilities (Cum. Prob. of > .95)

## Estimates and confidence intervals



## N items per classification level

	Poor	Fair	Moderate	Good	Very good
Total sample	3	9	8	2	0
No to mild cogn. decline	3	7	9	3	0
Moderate to severe cogn. decline	13	5	3	1	0

## Conclusion

- Limited agreement between caregivers' observations, especially concerning residents with moderate to severe cognitive decline
- Practitioners and researchers should be aware of these challenges when using and interpreting observer-reported outcomes
- Future research should explore why observer-reported scores may differ between caregivers, especially concerning residents with dementia

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