



# PREVALENCE OF FUNCTIONAL DISABILITY AND ASSOCIATED FACTORS IN OLD AGE: A POPULATION-BASED STUDY

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## Objective:

- Estimate the prevalence and associated factors of disability in 482 community-dwelling individuals, 80 years old and older in Uberaba and Rio de Janeiro Cities, Brazil.

## Methods:

- Cross-sectional observational study.
- Variables:
  - Independents: Sociodemographic data, health habits, functional capacity, falls and gait speed
  - Dependents: Basic (ADL) and Instrumental Activities of Daily Living (IADL)

## Results:

- Female: 70.7% ; widowers: 61.4%; average age: 85.36 (SD±5.05)
- Prevalence of disability for ADL: 31.5% IADL: 78.2%

## Conclusion:

- In very old individuals, the prevalence of functional dependence in basic e instrumental activities of daily living is very high.

Logistic regression model for variables associated with functional disability for ADL and IADL among old age.

Variables	ADL			IADL		
	OR	95%CI	p	OR	95%CI	p
<b>Education</b>						
without	0.799	0.40-1.58	0.521	5.06	1.14-22.46	<b>0.033</b>
<b>Income</b>						
Without Income	2.41	1.08-5.40	<b>0.032</b>	2.20	0.75-6.46	0.151
<b>Economic situation</b>						
Dissatisfied	0.72	0.43-1.18	0.199	3.21	1.75-5.76	<b>&lt;0.001</b>
<b>Housing Arrangement</b>						
Accompanied	2.12	1.18-3.79	<b>0.012</b>	1.19	0.70-2.01	0.509
<b>Perceived health</b>						
Negative	2.09	1.28-3.41	<b>0.003</b>	2.68	1.53-4.69	<b>0.001</b>
<b>Medications</b>						
5 or more	1.62	1.02-2.59	<b>0.043</b>	2.01	1.17-3.46	<b>0.011</b>
<b>Morbidities</b>						
	1.43	1.24-1.66	<b>&lt;0.001</b>	1.03	0.86-1.22	0.740
<b>Falls in the last year</b>						
Yes	1.23	0.79-1.94	0.355	1.88	1.09-3.22	<b>0.021</b>
<b>Fear of falling</b>						
	0.97	0.95-0.98	<b>&lt;0.001</b>	1.05	1.03-1.08	<b>&lt;0.001</b>