

Exploring Health and Function Using the Canadian Longitudinal Study on Aging

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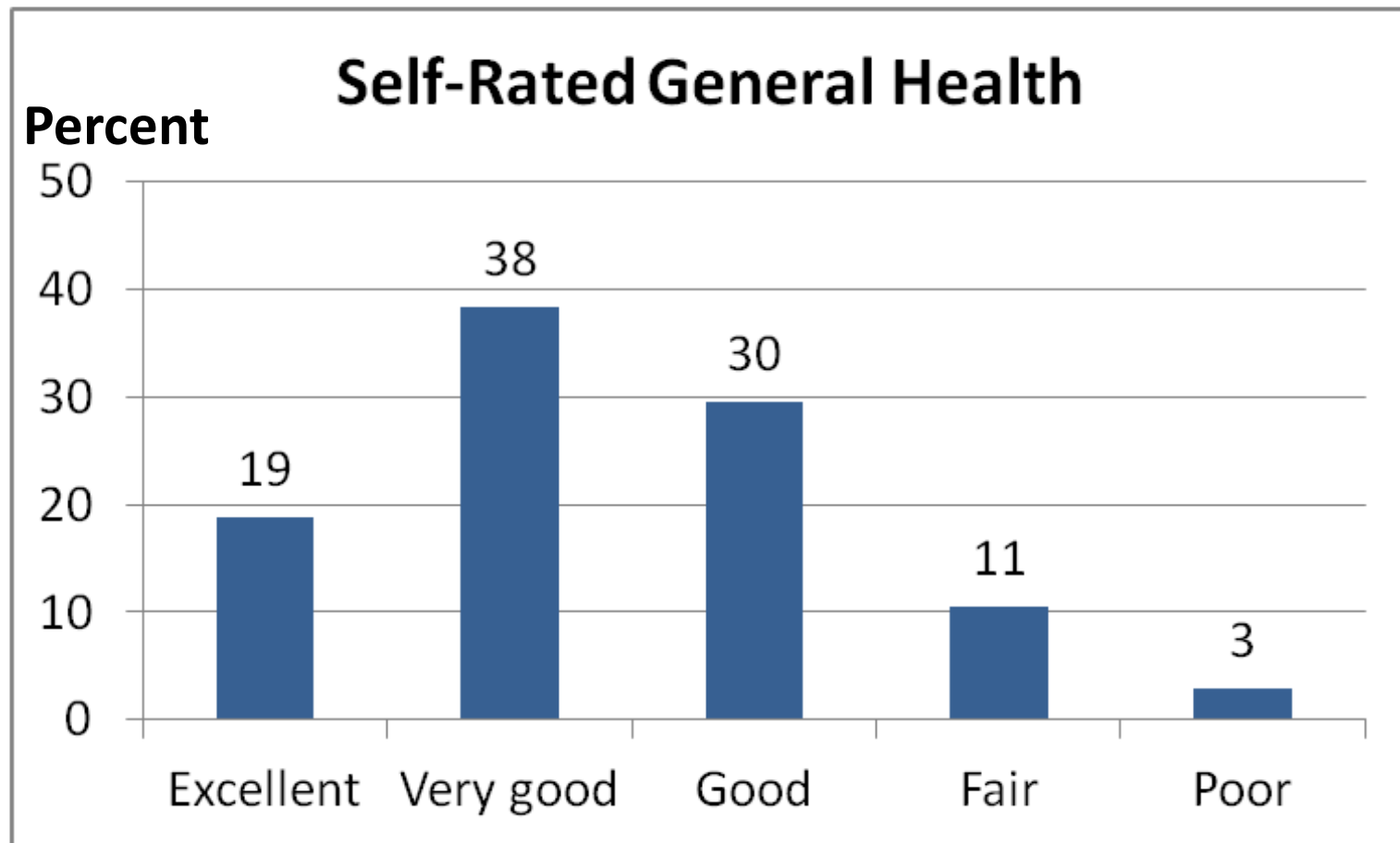


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Canadian Longitudinal Study on Aging
Étude longitudinale canadienne sur le vieillissement

Some Basic Statistics



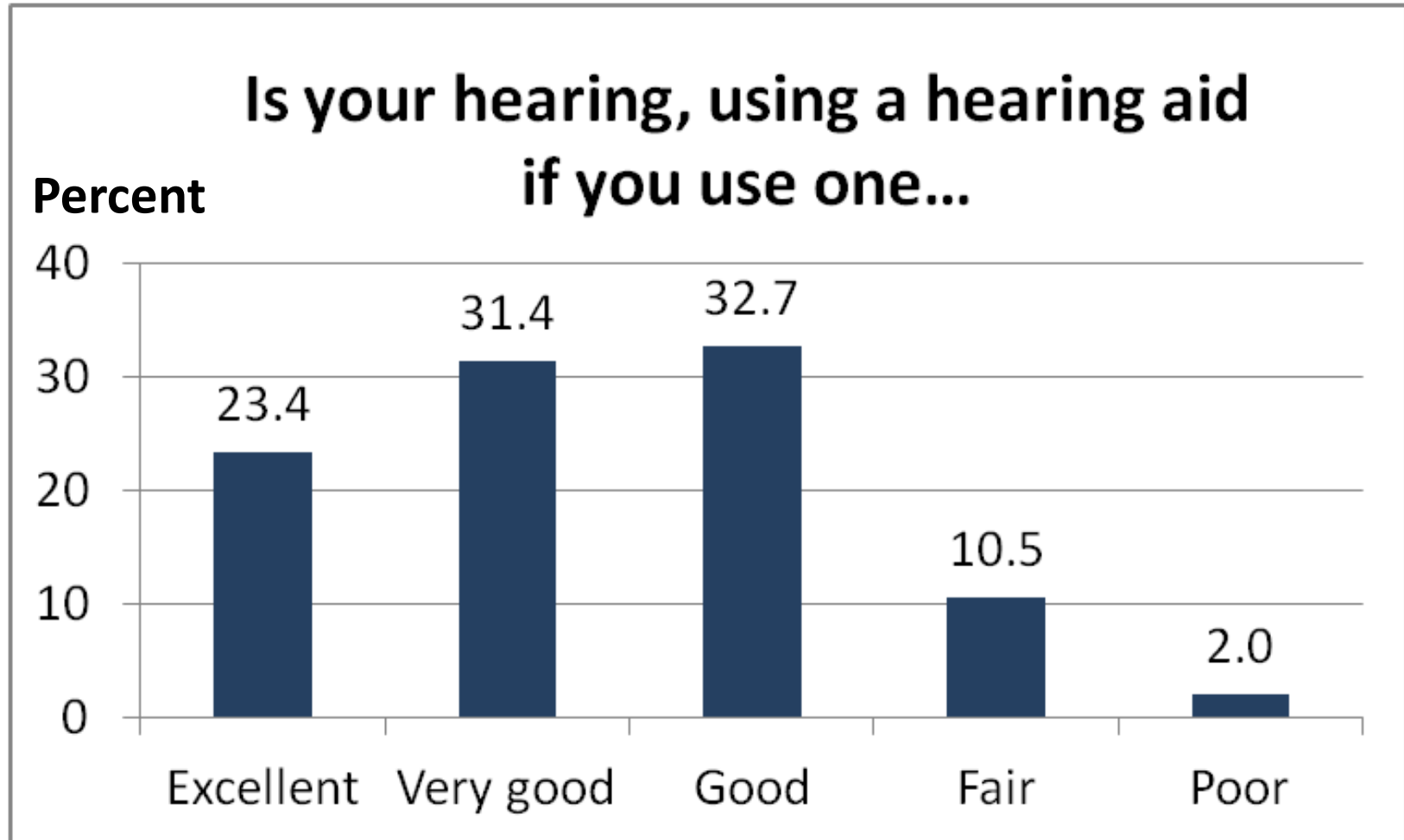
Some Basic Statistics

Chronic Conditions	%
Arthritis	38.9
High blood pressure or hypertension	38.2
Cataracts	24.9
Back problems excluding fibromyalgia and arthritis	24.5
Diabetes, borderline diabetes or high blood sugar	16.7
Cancer	15.4
Mood disorder	14.6

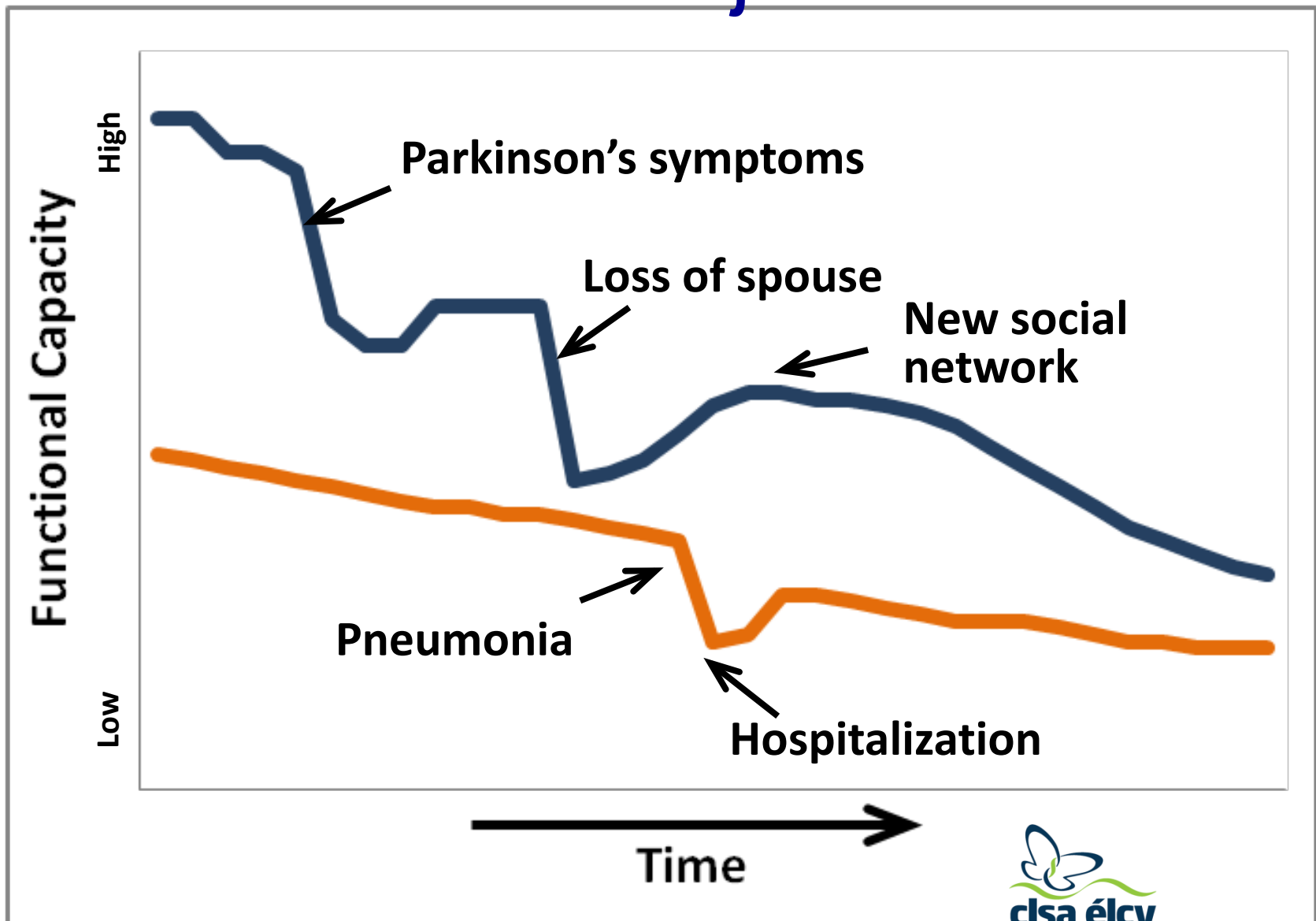
Some Basic Statistics

Function Measures	% Yes
Do you have any difficulty walking alone up and down a flight of stairs?	10.9
Do you have any difficulty walking 2 to 3 neighbourhood blocks?	9.0
Do you find it difficult to follow a conversation if there is background noise, such as TV, radio or children playing, even if using a hearing aid as usual?	37.7

Some Basic Statistics



Functional Trajectories



What Could I Look at Now?

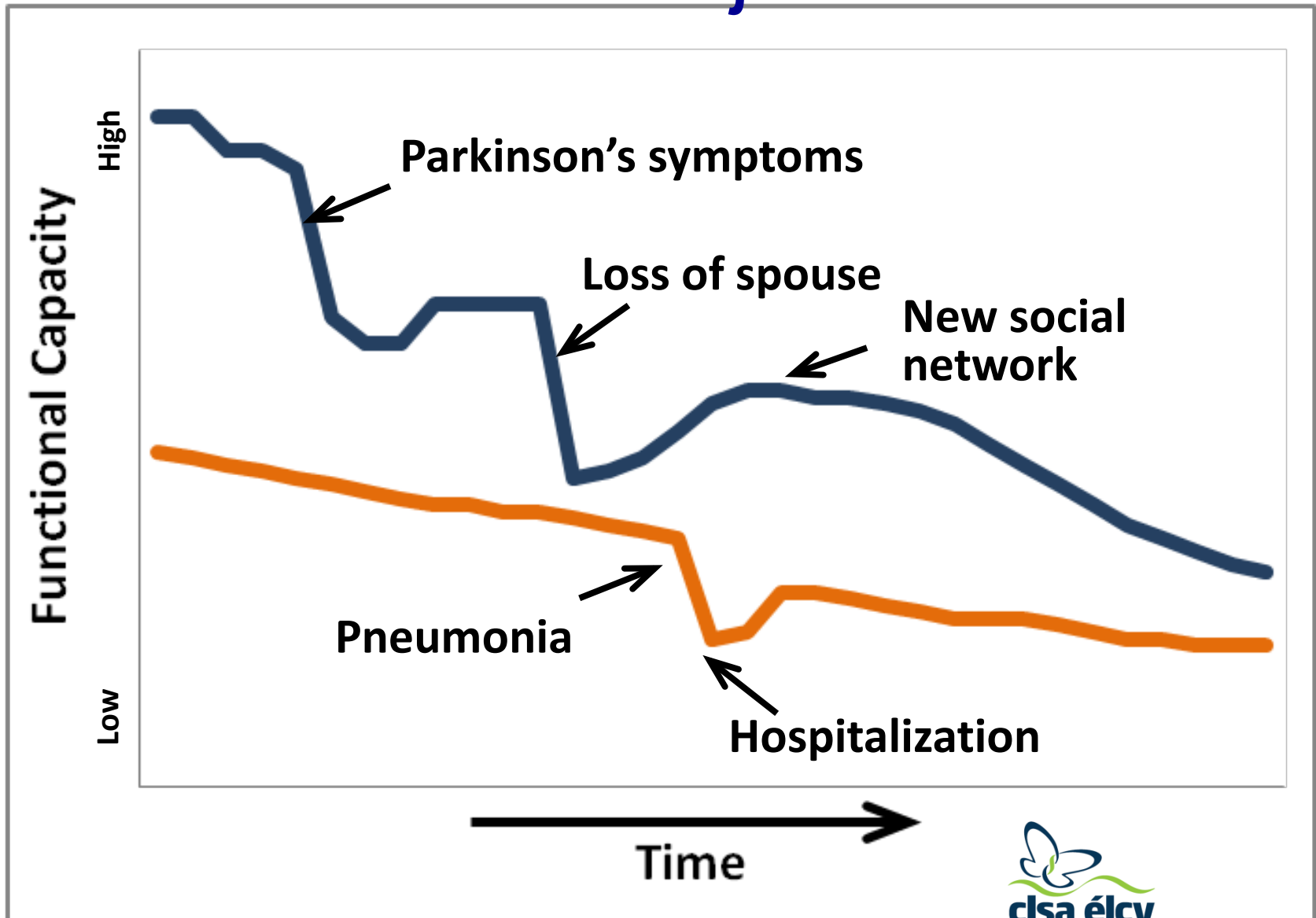
- What factors are associated with having specific health conditions or functional capacity?
- How is health and function associated with social participation and life satisfaction?
 - Across age groups, chronic conditions, socio-demographic factors
 - For certain sub-populations (e.g., 1.9% of sample self-identify as LGB(T); 12.8% of sample was born outside of Canada)



What Could I Look at Now?

- What factors moderate the relationship between chronic diseases and function?
 - E.g., income, social support network, ethnic background, co-morbidity?
- How is multi-morbidity related to function?
How is it related to health care use?

Functional Trajectories



What Could I Look at in the Future?

- What factors are related to the incidence of chronic conditions?
- What factors predict functional decline?
 - E.g., social environment, physical environment, socio-demographic factors, lifestyle

What Could I Look at in the Future?

- Trajectories and transitions
 - How do major life events (e.g., onset of disease, changing social network) impact health and functional trajectories?
 - What factors (e.g., medical, social) protect against functional decline or onset of specific chronic conditions?
 - How do trajectories play themselves out within and across subpopulations (e.g., age groups, ethnic groups)





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