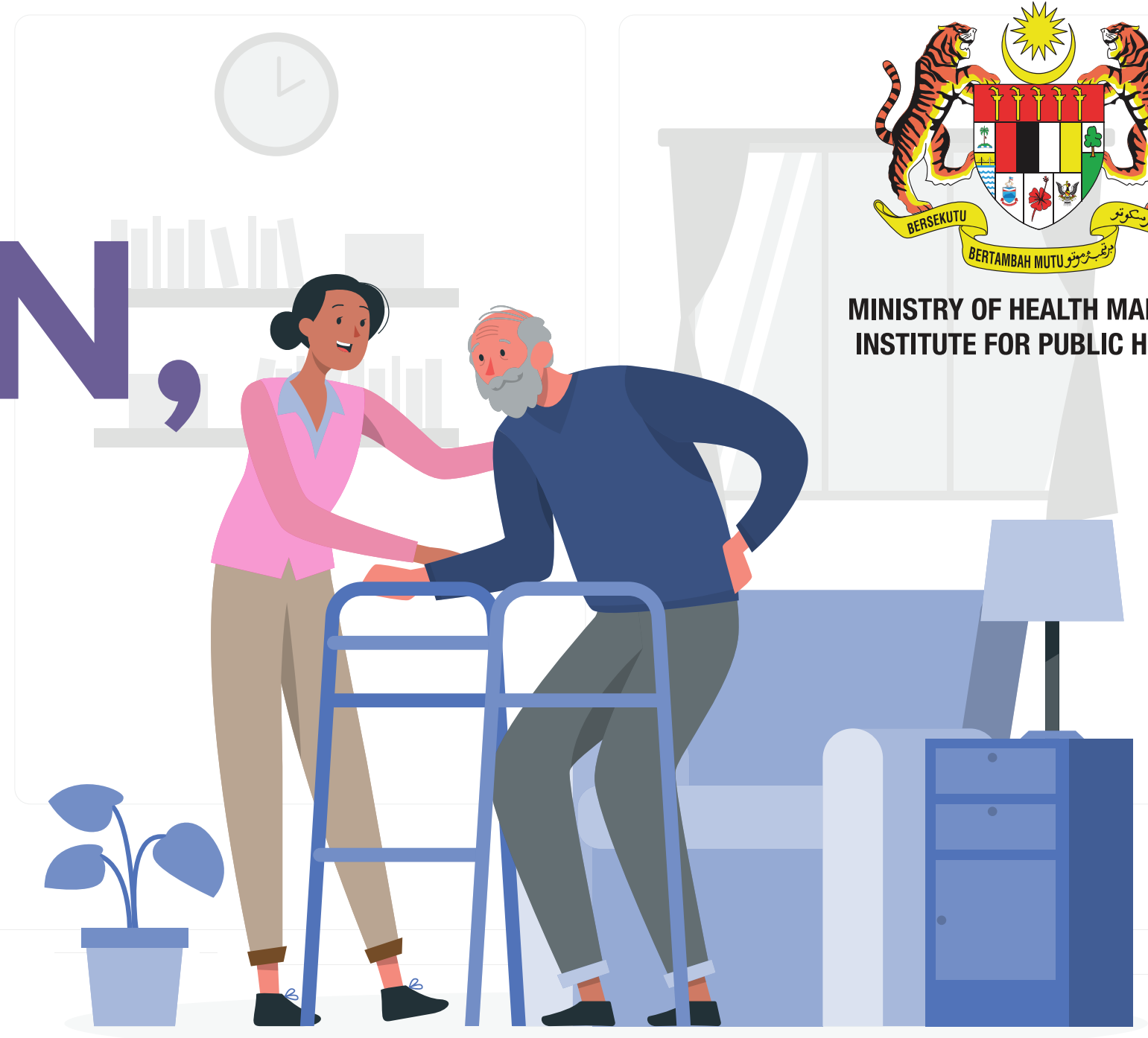


# RESEARCH TREND ON STROKE CAREGIVER BURDEN, A BIBLIOMETRIC ANALYSIS



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## INTRODUCTION

- Stroke caregivers often experience burdens due to their caregiving responsibilities.
- Understanding this burden is crucial for developing effective interventions and support strategies.
- This study aims to provide a comprehensive overview of global research on stroke caregiver burden.

## METHOD

- Bibliometric Analysis was used to:
  - Identify research trends
  - Identify influential publication
  - Map the Thematic Map
- Software: "bibliometrix" package in R and RStudio
- Dataset & Syntax:

DOI [10.5281/zenodo.10038895](https://doi.org/10.5281/zenodo.10038895)

## CONCLUSION

- Steady increase of research activities in the area
- Crucial topic that merits further research related to quality healthcare, rehabilitation medicine and public health.
- Need for collaboration and networking to improve research capability, especially among LMICs.



## RESULTS

### Between 1995 & 2022

- 147 publications
- 99 sources
- 646 authors
- Annual Growth
  - Overall 12.1%
  - 1995-2011 7.1%
  - 2011-2022 19.9%

### Most Influential Authors (Total 4 articles each)

- Grabowska-Fudala B
- Jaracz K
- van den Bos GA

### Supplementary

DOI [10.5281/zenodo.10038895](https://doi.org/10.5281/zenodo.10038895)

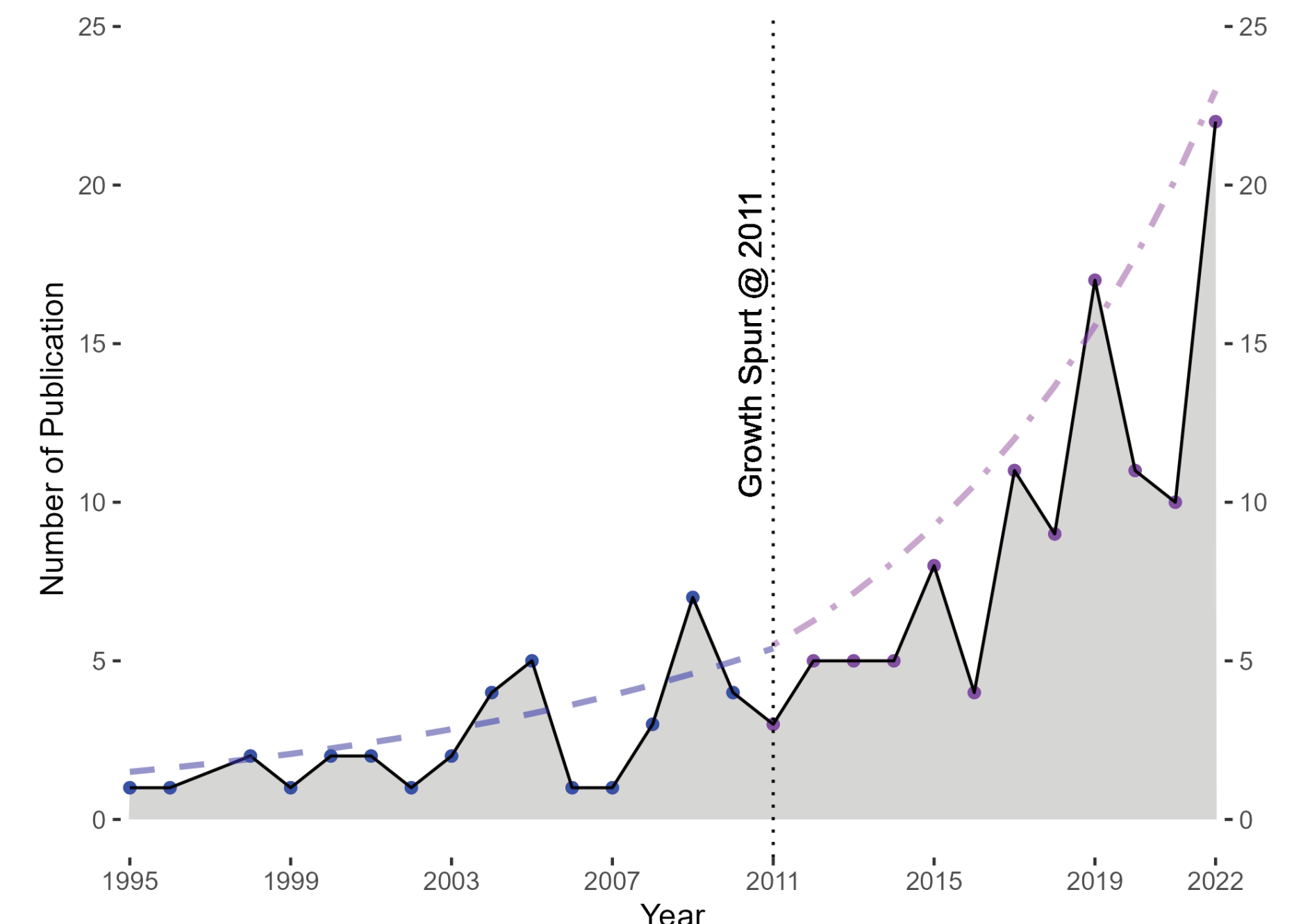


Figure 1: Annual Output of Research

Table 1: Most Influential Publications

Top Cited Articles					Top Average Cited Per Year				
Rank	Title	Author	Year	Number Cited	Rank	Title	Author	Year	Average Cited per Year
1	A Population-Based Assessment of The Impact and Burden of Caregiving for Long-Term Stroke Survivors	Anderson CS, Linto J, Stewart-Wynne EG	1995	433	1	Poststroke Spasticity: Sequelae and Burden on Stroke Survivors and Caregivers	Zorowitz RD, Gillard PJ, Brainin M	2013	16.55
2	Determinants Of Caregiving Burden and Quality of Life in Caregivers of Stroke Patients	McCullagh E, Brigstocke G, Donaldson N, Kalra L	2005	312	2	Determinants Of Caregiving Burden and Quality of Life in Caregivers of Stroke Patients	McCullagh E, Brigstocke G, Donaldson N, Kalra L	2005	16.42
3	Impact Of Botulinum Toxin Type A On Disability and Carer Burden Due to Arm Spasticity After Stroke: A Randomised Double-Blind Placebo-Controlled Trial	Bhakta BB, Cozens JA, Chamberlain MA, Bamford JM	2000	277	3	A Population-Based Assessment of The Impact and Burden of Caregiving for Long-Term Stroke Survivors	Anderson CS, Linto J, Stewart-Wynne EG	1995	14.93
4	The Burden of Caregiving in Partners of Long-Term Stroke Survivors	Scholte Op Reimer WJM, De Haan RJ, Rijnders PT, Limburg M, Van Den Bos Gam	1998	233	4	A Systematic Review of Caregiver Burden Following Stroke	Rigby H, Gubitz G, Phillips S	2009	13.87
5	Caregiver's Burden of Patients 3 Years After Stroke Assessed by A Novel Caregiver Burden Scale	Elmståhl S, Malmberg B, Annerstedt L	1996	231	5	Addressing The Burden of Stroke Caregivers: A Literature Review	Camak DJ	2015	11.89
6	Stroke Patients' Informal Caregivers: Patient, Caregiver, And Service Factors That Affect Caregiver Strain	Bugge C, Alexander H, Hagen S	1999	209	6	Roles Of Changing Physical Function and Caregiver Burden on Quality of Life in Stroke: A Longitudinal Dyadic Analysis	Pucciarelli G, Vellone E, Savini S, Simeone S, Ausili D, Alvaro R, Lee CS, Lyons KS	2017	11.86
7	A Systematic Review of Caregiver Burden Following Stroke	Rigby H, Gubitz G, Phillips S	2009	208	7	Relationship Between the Anxiety/Depression and Care Burden of The Major Caregiver of Stroke Patients	Hu P, Yang Q, Kong L, Hu L, Zeng L	2018	11.67
8	Caregiver Burden and Health-Related Quality of Life Among Japanese Stroke Caregivers	Morimoto T, Schreiner AS, Asano H	2003	208	8	Impact Of Botulinum Toxin Type A On Disability and Carer Burden Due To Arm Spasticity After Stroke: A Randomised Double Blind Placebo Controlled Trial	Bhakta BB, Cozens JA, Chamberlain MA, Bamford JM	2000	11.54
9	Poststroke Spasticity: Sequelae and Burden on Stroke Survivors and Caregivers	Zorowitz RD, Gillard PJ, Brainin M	2013	182	9	Caregiver Burden and Health-Related Quality of Life Among Japanese Stroke Caregivers	Morimoto T, Schreiner AS, Asano H	2003	9.9
10	Instruments For Assessing the Burden of Informal Caregiving for Stroke Patients in Clinical Practice: A Comparison Of CSI, CRA, SCQ And Self-Rated Burden	Van Exel NJA, Scholte Op Reimer WJM, Brouwer WBF, Van Den Berg B, Koopmanschap MA, Van Den Bos GAM	2004	169	10	Caregiver Burden and Emotional Problems in Partners of Stroke Patients at Two Months and One Year Post-Stroke: Determinants and Prediction	Kruihof WJ, Post MWM, Van Mierlo ML, Van Den Bos GAM, De Man-Van Ginkel JM, Visser-Meily JMA	2016	9.88

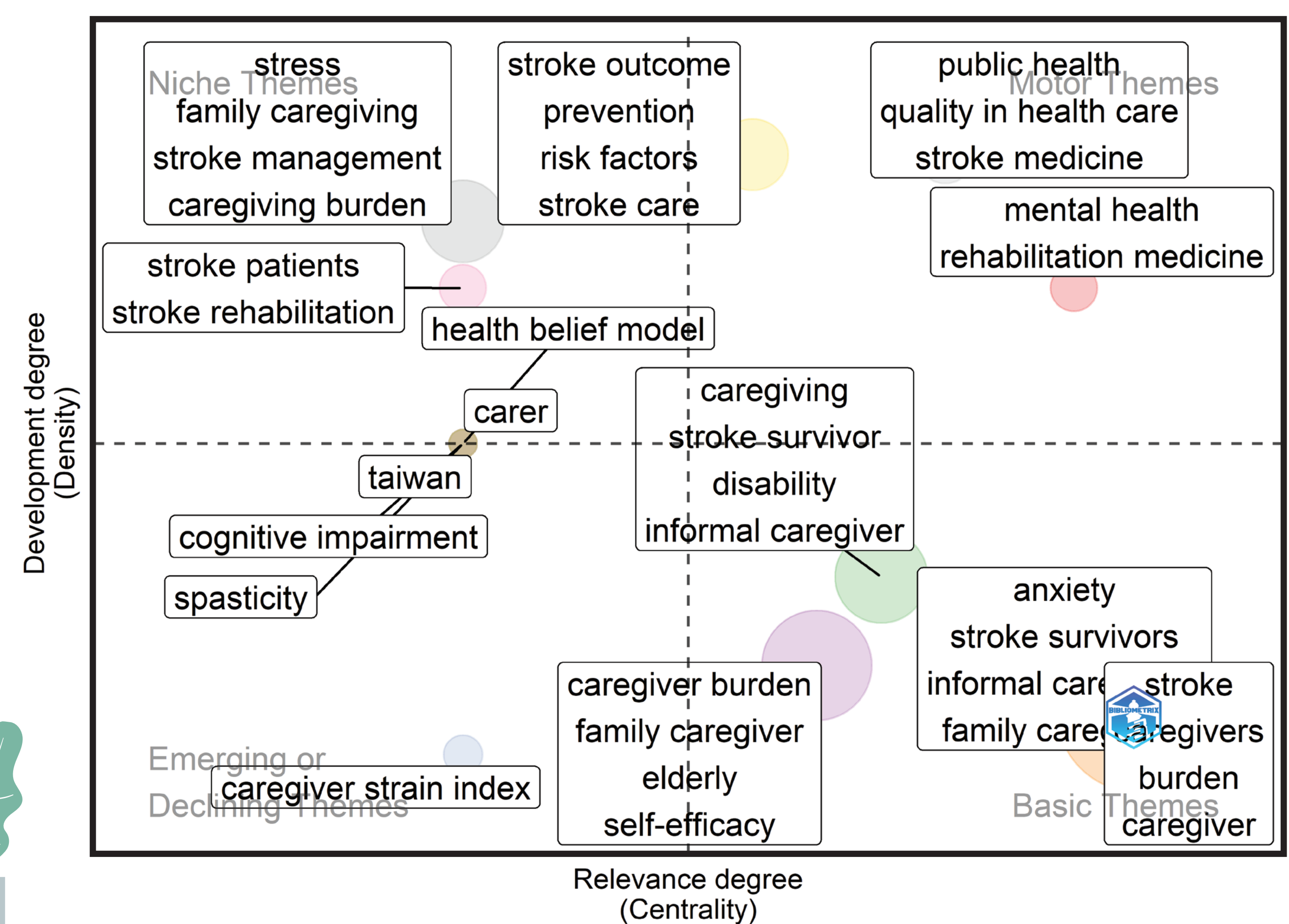


Figure 2: Thematic Map

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