

Benedetta Pongiglione

RESEARCHER

Health Economics and HTA

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Biography

Benedetta Pongiglione is a researcher in Health Economics & Health Technology Assessment (HTA) at the Knowledge Area Government, Health and Not for Profit of SDA Bocconi. Since 2018, she has been part of the Research Center on Health and Social Care Management (CERGAS).

Her primary research interests focus on studying the socio-structural determinants of health inequalities and the aging process, as well as understanding their causes and consequences. Her research activities employ demographic, statistical, epidemiological, and health economic approaches. Currently, she serves as the Principal Investigator for the DIFF project "Deploying Intersectionality Framework to study inequality among Frail older population," funded by Fondazione Cariplo. This project examines intersectionality to understand how various individual characteristics in the adult population lead to multiple vulnerabilities. She also collaborates on the PNRR Age-It project, specifically investigating the gap between the needs of the aging population and institutional responses.

Her research also extends to digital healthcare, particularly telemedicine and its effectiveness in treatment adherence, the use of mobile applications, and the assessment of their impact on the management of chronic conditions.

At SDA Bocconi, Benedetta has been involved in various research projects, including the European project COMED focused on evaluating medical devices and the use of real-world data for cost and effectiveness analysis. She has also worked on the TELIOT project funded by Fondazione Cariplo on telemedicine and adherence, and a Sanofi-funded project on the hospital impact of influenza. Author of numerous scientific articles, her works have been published in journals such as Social Science & Medicine, the International Journal of Epidemiology, the Journal of Clinical Epidemiology, PlosOne, Population Studies, Population Space and Place.

Benedetta received the 'Bradford-Hill Prize' for the best Ph.D. thesis in methodological research in epidemiology or biostatistics. Her study published in the International Journal of Health Technology Assessment (2021) on real-world data for evaluating medical devices received the Egon Jonsson Award in 2022. She has obtained the national scientific qualification for an associate professorship in Demography and Social Statistics since 2021.

Benedetta got her Master's degree in Economics and Social Sciences from Bocconi University, participated in the European Doctoral School of Demography program, and obtained a Ph.D. in Epidemiology and Population Health from the London School of Hygiene and Tropical Medicine.

Teaching domains

Real-World Data and Real-World Evidence

Health Inequalities

Survival Analysis

Determinants of Health and Health Expenditure

ARTICLES IN SCHOLARLY JOURNALS

FATTORE G., BOBINI M., MEDA F., PONGIGLIONE B., BALDINO L., GANDOLFI S., CONFALONIERI L., PROIETTO M., VECCHIA S., CAVANNA L.

Reducing the burden of travel and environmental impact through decentralization of cancer care

Health Services Management Research, 2024

PONGIGLIONE B., CARRONE F., ANGELUCCI A., MAZZIOTTI G., COMPAGNI A.

Patient characteristics associated with the acceptability of teleconsultation: a retrospective study of osteoporotic patients post-COVID-19

BMC Health Services Research, 2023, vol.23, no. 1, pp.230

ANGELUCCI A., PONGIGLIONE B., BERNASCONI S., CARRONE F., MAZZIOTTI G., COSTANTINO M. L., ALIVERTI A., COMPAGNI A.

A participatory process to design an app to improve adherence to anti-osteoporotic therapies: A development and usability study

Digital Health, 2023, vol.9

PONGIGLIONE B., TORBICA A.

How real can we get in generating real world evidence? Exploring the opportunities of routinely collected administrative data for evaluation of medical devices

Health Economics, 2022, vol.31, no. S1, pp.25-43

KLEIN P., BLOMMESTEIN H., AL M., PONGIGLIONE B., TORBICA A., DE GROOT S.

Real-world evidence in health technology assessment of high-risk medical devices: Fit for purpose?

Health Economics, 2022, vol.31, no. S1, pp.10-24

MÖLLENKAMP M., PONGIGLIONE B., RABBE S., TORBICA A., SCHREYÖGG J.

Spillover effects and other determinants of medical device uptake in the presence of a medical guideline: An analysis of drug-eluting stents in Germany and Italy

Health Economics, 2022, vol.31, no. S1, pp.157-178

RABBE S., MÖLLENKAMP M., PONGIGLIONE B., BLOMMESTEIN H., WETZELAER P., HEINE R., SCHREYÖGG J.

Variation in the utilization of medical devices across Germany, Italy, and the Netherlands: A multilevel approach

Health Economics, 2022, vol.31, no. S1, pp.135-156

PONGIGLIONE B., PLOUBIDIS G., DOWD J. B.

Older adults in the US have worse cardiometabolic health compared to England

The Journals of Gerontology: Series B, May, 2022, vol.77, no. Supplement_2, pp.167-176

PACCAGNELLA O., PONGIGLIONE B.

Depression deterioration of older adults during the first wave of the COVID-19 outbreak in Europe

Social Science & Medicine, April, 2022, vol.299, pp.114828

MOSTAFA T., NARAYANAN M., PONGIGLIONE B., DODGEON B., GOODMAN A., SILVERWOOD R. J., PLOUBIDIS G. B.

Missing at random assumption made more plausible: evidence from the 1958 British birth cohort

Journal of Clinical Epidemiology, 2021, vol.136, pp.44-54

PONGIGLIONE B., TORBICA A., BLOMMESTEIN H., DE GROOT S., CIANI O., WALKER S., DAMS F., BLANKART R., MOLLENKAMP M., KOVÁCS S., TARRICONE R., DRUMMOND M.

Do existing real-world data sources generate suitable evidence for the HTA of medical devices in Europe? Mapping and critical appraisal

International Journal of Technology Assessment in Health Care, 2021, vol.37, no. 1, pp.e62

PONGIGLIONE B., TORBICA A., GALE C. P., TAVAZZI L., VARDAS P., MAGGIONI A. P.

Patient, hospital and country-level risk factors of all-cause mortality among patients with chronic heart failure: Prospective international cohort study

Plos One, 2021, vol.16, no. 5, pp.e0250931

PONGIGLIONE B., TORBICA A., GUSMANO M. K.

Inequalities in avoidable hospitalisation in large urban areas: retrospective observational study in the metropolitan area of Milan

BMJ, 2020, vol.10, no. 12, pp.e042424

PONGIGLIONE B.

L'arrivo del nuovo Coronavirus nell'era delle malattie croniche degenerative

Mecosan, 2020, no. 113, pp.195-200

PONGIGLIONE B., KERN M. L., CARPENTIERI J. D., SCHWARTZ H. A., GUPTA N., GOODMAN A.

Do children's expectations about future physical activity predict their physical activity in adulthood?

International Journal of Epidemiology, 2020, vol.49, no. 5, pp.1749-1758

JIVRAJ S., GOODMAN A., PONGIGLIONE B., PLOUBIDIS G. B.

Living longer but not necessarily healthier: The joint progress of health and mortality in the working-age population of England

Population Studies, 2020, vol.74, no. 3, pp.399-414

FLUHARTY M. E., HARDY R., PLOUBIDIS G., PONGIGLIONE B., BANN D.

Socioeconomic inequalities across life and premature mortality from 1971 to 2016: findings from three British birth cohorts born in 1946, 1958 and 1970

Journal of Epidemiology and Community Health, 2020

FITZSIMONS E., PONGIGLIONE B.

The impact of maternal employment on children's weight: Evidence from the UK

SSM – Population Health, 2019, vol.7, pp.100333

PONGIGLIONE B., FITZSIMONS E.

Overweight and obesity in childhood and adolescence: findings from the UK Millennium Cohort Study, up to age 14

Longitudinal and Life Course Studies, 2019, vol.10, no. 1, pp.27-49

PONGIGLIONE B., PLOUBIDIS G. B., DE STAVOLA B. L.

Levels of disability in the older population of England: Comparing binary and ordinal classifications

Disability and Health Journal, 2017, vol.10, no. 4, pp.509-517

PONGIGLIONE B., DE STAVOLA B. L., KUPER H., PLOUBIDIS G. B.

Disability and all-cause mortality in the older population: evidence from the English Longitudinal Study of Ageing

European Journal of Epidemiology, 2016, vol.31, no. 8, pp.735-746

PONGIGLIONE B., SABATER A.

The Role of Education at Young and Older Ages in Explaining Health Inequalities in Europe

Population, Space and Place, 2016, vol.22, no. 3, pp.255-275

SOMMARIVA S., PONGIGLIONE B., TARRICONE R.

Impact of chemotherapy-induced nausea and vomiting on health-related quality of life and resource utilization: A systematic review

Critical Reviews in Oncology/Hematology, 2016, vol.99, pp.13-36

PONGIGLIONE B., PLOUBIDIS G., DE STAVOLA B., KUPER H.

OP20 Using a latent disability structure to explain mortality among the older population

Journal of Epidemiology and Community Health, 2015, vol.69, no. Suppl 1, pp.A17.2-A18

PONGIGLIONE B., DE STAVOLA B. L., PLOUBIDIS G. B.

A Systematic Literature Review of Studies Analyzing Inequalities in Health Expectancy among the Older Population

Plos One, 2015, vol.10, no. 6, pp.e0130747

EDITED BOOKS

PLOUBIDIS G. B., PONGIGLIONE B., DE STAVOLA B., DANIEL R., BENOVA L., GRUNDY E., READ S. (EDS.)

Pathways to Health

Springer, , 2019

CONTRIBUTION TO CHAPTERS, BOOKS OR RESEARCH MONOGRAPHS

CIANI O., FEDERICI C. B., FURNARI A., PONGIGLIONE B., TARRICONE R.

Esiti di salute e performance del Servizio Sanitario Nazionale in *Rapporto OASI 2020*

CERGAS (Eds),Egea, chap. 7, pp.291-343, 2020

PLOUBIDIS G. B., PONGIGLIONE B.

Self-rated Health Over the Life Course: Evidence from the 1958 and 1970 British Birth Cohorts in *Pathways to Health*

George B. Ploubidis, Benedetta Pongiglione, Bianca De Stavola, Rhian Daniel, Lenka Benova, Emily Grundy, Sanna Read (Eds),Springer, chap. 4, pp.79-97, 2019

PROCEEDINGS/PRESENTATIONS

PONGIGLIONE B., TORBICA A.

Investigating suitability of real-world data for cost and outcome analysis of medical devices: the case of administrative data in Lombardy Region

Italian Health Economics Association (AIES), 26th Annual Conference, 2-3 December, 2021, Milano, Italy

PONGIGLIONE B., TORBICA A.

An empirical study on usability of real world data for cost and outcome analysis: the case of administrative data in Lombardy Region

EUHEA Conference (virtual), 9 July, 2020, Oslo, Norway

PONGIGLIONE B.

Avoidable hospitalization in Milan's metropolitan area: inequalities and comparison with OECD cities

12th European Public Health Conference, 20-23 November, 2019, Marseille, France

PONGIGLIONE B., TORBICA A., TARRICONE R.

Is autonomy good for our health? Investigation of regional inequalities in cancer mortality in Italy over 30 years

AIES (Italian Health Economics Association), 24th Annual Conference, 3-4 October, 2019, Pisa, Italy

TORBICA A., PONGIGLIONE B., CIANI O., PETRACCA F., FEDERICI C. B.

Pushing the Boundaries of Existing Methods for Cost and Outcome Analysis of Medical Technologies: First Results from H2020 EU Project COMED

AIES (Italian Health Economics Association), 24th Annual Conference, 3-4 October 2019, Pisa, Italy

FLUHARTY M., HARDY R., PLOUBIDIS G. B., BANN D., JOHNSON W., PONGIGLIONE B.

Socioeconomic Inequalities in Premature Mortality Across Adulthood from 1989 to 2016: Findings from Three British Birth Cohorts Born in 1946, 1958, and 1970

Society for Longitudinal and Life-course Studies (SLLS) Conference, 25 - 27 September 2019, Potsdam, Germany

PONGIGLIONE B., TORBICA A.

Real-World Evidence for Economic Evaluation of Medical Devices

International Health Economics Association (iHEA), World Congress on Health Economics, 13-17 July 2019, Basel, Switzerland

PONGIGLIONE B., HAMER M., BANN D., SULLIVAN A., PLOUBIDIS G.

Family Structure and Physical Activity: A Life Course Analysis

Population Association of America (PAA) - 2019 Annual Meeting, 10-13 April 2019, Austin, United States of America

PONGIGLIONE B., HAMER M., BANN D., SULLIVAN A., PLOUBIDIS G. B.

Family Structure and Physical Activity: A Life-Course Analysis

Society for Longitudinal and Life-course Studies (SLLS) Conference, 9-11 July 2018, Milano, Italy

PONGIGLIONE B., SCHWARTZ A. H., KERN M. L., GOODMAN A.

Predictors of Linguistic Features in Childhood Essays

Society for Longitudinal and Life-course Studies (SLLS) Conference, 9-11 July 2018, Milano, Italy

THEOCHARAKI F., TSOLI S., PONGIGLIONE B., PLOUBIDIS G. B., BENOVA L.

The Effects of the Economic Crisis on Population Health in Greece

Society for Longitudinal and Life-course Studies (SLLS) Conference, 9-11 July 2018, Milano, Italy

GOODMAN A., JIVRAJ S., PLOUBIDIS G. B., PONGIGLIONE B.

Living Longer but Not Necessarily Healthier: The Joint Progress of Health and Mortality in the Working Age Population in England

European Population Conference (EPC), 6-9 June, 2018, Brussels, Belgium

PONGIGLIONE B., HAMER M., BANN D., SULLIVAN A., PLOUBIDIS G.

Family structure and physical activity

60 Years of our Lives National Child Development Study (NCDS) Conference, 8-9 March 2018, London, Great Britain

PONGIGLIONE B., DODGEON B.

Maintaining representativeness by maximising the plausibility of the MAR assumption: Evidence from the 1958 British birth cohort

60 Years of our Lives National Child Development Study (NCDS) Conference, 8-9 March 2018, London, Great Britain

PONGIGLIONE B., CARPENTIERI J. D., SCHWARTZ H. A., KERN M. L., GOODMAN A.

Possible and actual selves: do children's expectations about future physical activity predict their adult activities?

60 Years of our Lives National Child Development Study (NCDS) Conference, 8-9 March 2018, London, Great Britain

PONGIGLIONE B., PLOUBIDIS G., DE STAVOLA B.

Disability-free life expectancy between 2002 and 2012 in England: trends differ across genders and levels of disability

International Union for the Scientific Study of Population (IUSSP), XXVIII International Population Conference, 29 October-3 November, 2017, Cape Town, South Africa

FITZSIMONS E., PONGIGLIONE B.

The Impact of Maternal Employment on Children's Weight

Society for Longitudinal and Life-course Studies (SLLS) Conference, 11-13 October 2017, Stirling, Great Britain

Grants & Honors

Egon Jonsson Award for the most outstanding paper published in 2020 in the International Journal of Technology Assessment in Health Care , 2021

Bradford-Hill Prize, Award for best PhD thesis relevant to methodological research in epidemiology or biostatistics – London School of Hygiene and Tropical Medicine , 2018

Best poster award, Research Degree Students' Poster Day, Faculty of Epidemiology and Population Health – London School of Hygiene and Tropical Medicine , 2016
