

# Benedetta Pongiglione

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RESEARCHER

**Health Economics and HTA**

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## Biografia

Benedetta Pongiglione è ricercatrice di Health Economics & HTA presso la Knowledge Area Government, Health and Not for Profit della SDA Bocconi. Dal 2018 fa parte del Centro di Ricerca sulla Gestione dell'Assistenza Sanitaria e Sociale (CERGAS).

I suoi principali interessi di ricerca riguardano lo studio dei determinanti socio-strutturali delle disuguaglianze in salute e nel processo di invecchiamento, e la comprensione delle loro cause e conseguenze. La sua attività di ricerca utilizza approcci demografici, statistici ed epidemiologici e li combina con quelli dell'economia sanitaria. Attualmente, è Principal Investigator del progetto DIFF “Deploying Intersectionality Framework to study inequality among Frail older population” finanziato da Fondazione Cariplo, che studia il fenomeno dell'intersezionalità per comprendere come diverse caratteristiche individuali nella popolazione adulta conducano a multiple fragilità. Collabora anche al progetto PNRR Age-It, in particolare indagando il divario tra i bisogni della popolazione che invecchia e le risposte istituzionali.

La sua attività di ricerca è anche rivolta alla sanità digitale, in particolare telemedicina e la sua efficacia nell'aderenza alle terapie e l'utilizzo di applicazioni mobili e valutazione dell'impatto sulla gestione delle patologie croniche.

Presso SDA Bocconi, Benedetta ha svolto numerosi progetti di ricerca, tra cui il progetto europeo COMED focalizzato sulla valutazione dei dispositivi medici e l'utilizzo di dati real-world per analisi di costo ed efficacia; il progetto TELIOT finanziato da Fondazione Cariplo su telemedicina e aderenza; e un progetto finanziato da Sanofi sull'impatto ospedaliero dell'influenza. Autrice di numerosi articoli scientifici, i suoi lavori sono stati pubblicati su Social Science & Medicine, the International Journal of Epidemiology, the Journal of Clinical Epidemiology, PlosOne, Population Studies, Population Space and Place.

Benedetta ha vinto il premio di miglior tesi di Dottorato 'Bradford-Hill Prize', per la ricerca metodologica in epidemiologia o biostatistica. Il suo studio pubblicato nell' International Journal of Health Technology Assessment (2021) sui real-world data per valutare i dispositivi medici ha ricevuto il Premio Egon Jonsson nel 2022. È in possesso dell'abilitazione scientifica nazionale per professore associato in Demografia e Statistica Sociale dal 2021.

Benedetta ha conseguito la Laurea Specialistica in Economia e Scienze Sociali presso l'Università Bocconi, ha partecipato al programma European Doctoral School of Demography e ha ottenuto un dottorato in Epidemiology and Population Health presso la London School of Hygiene and Tropical Medicine.

## Ambito di insegnamento

## ARTICOLI SU RIVISTA SCIENTIFICA

FATTORE G., PONGIGLIONE B., VEZZOSI L.

**Excess hospitalizations and in-hospital mortality associated with seasonal influenza in Italy: a 11-year retrospective study**

BMC Infectious Diseases, 2024, vol.24, no. 1, pp.227

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, Febbraio, 2024, pp.38308403

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, Maggio, 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, Aprile, 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

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## CURATELE DI OPERE COLLETTANEE

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

**Pathways to Health**

Springer, , 2019

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## CONTRIBUTI IN VOLUME, CAPITOLI O SAGGI SCIENTIFICI

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 (a cura di), 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 (a cura di), Springer, chap. 4, pp.79-97, 2019

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## 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, Italia*

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, Norvegia*

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, Francia*

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, Italia*

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, Italia*

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, Germania*

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, Svizzera*

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, Stati Uniti d'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, Italia*

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, Italia*

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, Italia*

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, Belgio*

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, Gran Bretagna*

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, Gran Bretagna*

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, Gran Bretagna*

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, Sud 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, Gran Bretagna*

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## Grants & Premi

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

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