

CURRICULUM VITAE **Davide Paolo Bernasconi**

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PERSONAL INFORMATION

Family name: Bernasconi

Name: Davide Paolo

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EDUCATION AND TRAINING

- March 2015: Doctoral Degree in Epidemiology and Biostatistics (mark: Excellent), Department of Health Sciences, University of Milano-Bicocca, Monza.
The research project was focused on methods for predictions in survival analysis with application to childhood leukemia.
The thesis (in English) was entitled “Dynamic prediction in survival analysis with binary non-reversible time dependent treatment indicator” and was written under the supervision of Prof. Laura Antolini and Prof. Maria Grazia Valsecchi.
During these years I also had the chance to follow several courses (23) on statistical methodology held by national and international academic statisticians.
From April to July 2013 I visited the Department of Medical Statistics and Bioinformatics at the Leiden University Medical Center (Netherlands) to work with Prof. Hein Putter on my PhD research project.
- November 2010: Master Degree in Biostatistics and Experimental Statistics (mark: 110/110 cum laude), Faculty of Statistical Sciences, University of Milano-Bicocca, Milano.
The training was directed to give abilities of planning, management, analysis, interpretation and statistical evaluation of experimental studies, surveys and observational systems for monitoring and surveillance in the fields of human health.
The thesis (in Italian) was entitled “Analisi statistica di uno studio epidemiologico sull’associazione tra polimorfismi genetici e manifestazioni cliniche della tubercolosi” and was written under the supervision of Prof. Mario Comelli (University of Pavia).
- November 2008: Bachelor Degree in Statistics and Information Management (mark: 105/110), Faculty of Statistical Sciences, University of Milano-Bicocca, Milano.
The education received was oriented to provide solid mathematical, statistical and IT skills to guide information management: specifically, orientation of access to data, their synthesis and analysis and their use in decision-making processes.
The thesis (in Italian) was entitled “Valutazione dell’efficacia dei dipartimenti di salute mentale della Lombardia: un modello longitudinale” and was written under the supervision of Prof. Piergiorgio Lovaglio (University of Milano-Bicocca).

RESEARCH AND PROFESSIONAL EXPERIENCE

- November 2021 – present: Assistant Professor (RTDb) at the School of Medicine and Surgery, University of Milano-Bicocca, Monza.
- July 2021 – present: affiliated research statistician to ASST Grande Ospedale Metropolitano Niguarda, Milano.
- May 2020 – present: Member of the Academic Board of the PhD course in "Data Science in Medicine and Nutrition (DASMEN)", Humanitas University.
- March 2019 – October 2021: Researcher in tenure-track (RTDa) at the School of Medicine and Surgery, University of Milano-Bicocca, Monza.
- January 2017 – present: Member of the Società Italiana di Statistica Medica per l'epidemiologia Clinica (SISMEC).
- January 2014 – present: Member of the International Biometric Society (IBS), Italian Region.
- January 2011 – present: Member of the Center of Biostatistics for Clinical Epidemiology (later to become Bicocca Bioinformatics Biostatistics and Bioimaging Centre - B4), University of Milano-Bicocca, Monza.
- January 2015 – February 2019: Post-doctoral fellow at the Department of Health Sciences (later renamed School of Medicine and Surgery), University of Milano-Bicocca, Monza.
- January 2012 – December 2014: PhD student in Epidemiology and Biostatistics, Department of Health Sciences, University of Milano-Bicocca, Monza.
- January 2011 - December 2011: Project contract worker at “Monza e Brianza per il Bambino e la sua Mamma” foundation, S. Gerardo Hospital, Monza.

The research work carried out during this period was focused on the statistical analysis of registry data from the database of the Departments of Obstetrics and Gynecology, Neonatology and Pediatrics of the San Gerardo Hospital, Monza.

RESEARCH ACTIVITY

The research activity consisted so far in the application of statistical methods to clinical study designs, data collection, data analysis, interpretation of results and draft of manuscripts and was carried out within scientific projects in collaboration with national and international research centers. In particular, advanced skills and expertise were developed in the building and validation of statistical regression-based and machine learning prognostic models involving biomarkers.

The main clinical fields of interest were: gynecology and obstetrics, neonatology, radiology, abdominal and hepatic surgery, liver transplantation, liver and biliary diseases, infectious diseases, cardiology, neurology and COVID-19.

This was paralleled with the development of novel statistical methodology with particular focus on the following aspects:

- Survival analysis in the presence of time-dependent treatments
- Competing risks survival analysis and multi-state models
- Evaluation of the performance of clinical risk predictors
- Joint modeling of longitudinal and time-to-event data
- Causal inference methods in observational studies to estimate the marginal treatment effect in the presence of confounding and dependent censoring

TRAINING-RESEARCH PERIODS IN FOREIGN INSTITUTIONS

- April-July 2013: Visiting PhD student at the Leiden University Medical Center (supervisor: Prof. Hein Putter)
- August-September 2016: visiting fellow at the University of Copenhagen (supervisor: Prof. Per Kragh Andersen)

TEACHING ACTIVITY

- School of Medicine and Surgery, University of Milano-Bicocca:
 - 2012 - present: Tutoring activity to medical students for the thesis about statistical aspects
 - 2013 - 2020: Instructor for the Module of Medical Statistics in the Course of Methodology of Health-social Analysis, Master degree program in Nursing and Obstetrical Sciences
 - 2013 - 2020: Lecturer for the Module of Statistics for Research in the Course of Obstetrical-Gynecologic and Neonatal Research, Bachelor degree program in Obstetrics
 - 2015 - 2017: Teaching Assistant for the Course of Medical Statistics, Master degree program in Dentistry
 - 2017: Lecturer of the Course on Basic Statistical methods for Medical Doctoral Students
 - 2018: Lecturer of the Course on Statistical Methods for Analysis of Biological Data for Lab Technicians
 - 2019: Lecturer for the Course of Medical Statistics, Master degree program in Medicine and Surgery
 - 2019 – 2022: Lecturer for the Course “Clinical trials: design and statistical analysis of data”, Master di II livello in Ricerca e Sviluppo Preclinico e Clinico dei Farmaci
 - 2020 – 2022: Lecturer for the Course “Innovation, research and development of healthcare”, Master di II livello in Management per le funzioni di coordinamento delle professioni sanitarie
- 2012, 2016, 2018, 2020: Teaching Assistant of the course Statistical Methods for Survival Analysis, Master in Epidemiology, University of Torino
- 2016: Teaching Assistant of the course Statistical Methods for Survival Analysis, University of Sofia, Bulgaria
- 2017: Instructor of Statistics in the course Facing the Challenges of Global Health held at the Public Health Laboratory Ivo de Carneri, Pemba Island, Zanzibar
- 2018 – 2022: Lecturer of the course Introduction to Statistics with R, interdisciplinary courses of the Doctoral School of University of Milano-Bicocca
- 2019, 2021 – 2022: Lecturer for the Module of Big Data in Health Care in the course of Data Science Lab in Medicine, Master degree program in Data Science, Department of Informatics, System and Communication, University of Milano-Bicocca
- 2021 – 2022: Lecturer for the course of Biostatistics, Master degree program in Biology, Department of Biotechnology and Biosciences, University of Milano-Bicocca

COMPETITIVE GRANTS

- Owner of 2015-NAZ-0095 – Triennial Fellowship (2015-2017) funded by FIRC (Fondazione Italiana per la Ricerca sul Cancro). Title of the project: “Survival analysis in cancer data in the presence of treatment switches and withdrawals”.
- Member of research group (PI: Prof. Maria Grazia Valsecchi) of 2017-NAZ-0446 PRIN – Progetti di Rilevante Interesse Nazionale 2017 funded by M.I.U.R. (Ministero dell'Istruzione, dell'Università e della Ricerca). Title of the project: “Innovative Statistical methods in biomedical research on biomarkers: from their identification to their use in clinical practice”.

SCIENTIFIC AWARDS

- 2018: Winner of the “Giovani Ricercatori” award of the Società Italiana di Statistica Medica e Epidemiologia Clinica (SISMEC)
- 2018: Winner of the “Giovani Talenti” award (third place ex-aequo) in the field of Medical Sciences of the University of Milano-Bicocca

- Best oral presentation in the contributed sessions dedicated to young researchers (age ≤ 35 years) at the 13th Virtual Conference of the Italian Region of the International Biometric Society (IBS), 20-24-29 September 2021.

LANGUAGE

Italian (native), English

SCIENTIFIC PUBLICATIONS

<https://boa.unimib.it/browse?authority=rp02808&type=author>

H index=12, citations=536, articles=68
(source: March 2022)

Famularo, S., Donadon, M., Cipriani, F., Giuliante, F., Ferri, S., Celsa, C., Ferrero, A., Foschi, F.G., Baiocchi, G.L., Biasini, E., Campani, C., Valle, R.D., Pellizzaro, F., Baroni, G.S., Raimondo, G., Mega, A., Chiarelli, M., Maestri, M., Gasbarrini, A., Jovine, E., Grazi, G.L., Rapaccini, G.L., Ruzzenente, A., Morisco, F., Sacco, R., Memeo, R., Crespi, M., Antonucci, A., Bernasconi, D.P., Romano, F., Griseri, G., Aldrighetti, L., Torzilli, G., Trevisani, F., ITA.LI.CA Group and HE.RC.O.LE.S. Group

Hepatectomy Versus Sorafenib in Advanced Nonmetastatic Hepatocellular Carcinoma: A Real-life Multicentric Weighted Comparison

(2022) *Annals of surgery*, 275 (4), pp. 743-752.

Gerussi, A., Verda, D., Bernasconi, D.P., Carbone, M., Komori, A., Abe, M., Inao, M., Namisaki, T., Mochida, S., Yoshiji, H., Hirschfield, G., Lindor, K., Pares, A., Corpechot, C., Cazzagon, N., Floreani, A., Marzioni, M., Alvaro, D., Vespasiani-Gentilucci, U., Cristoferi, L., Valsecchi, M.G., Muselli, M., Hansen, B.E., Tanaka, A., Invernizzi, P.

Machine learning in primary biliary cholangitis: A novel approach for risk stratification

(2022) *Liver International*, 42 (3), pp. 615-627.

Bernasconi, D.P., Antolini, L., Rossi, E., Blanco-Lopez, J.G., Galimberti, S., Andersen, P.K., Valsecchi, M.G.

A causal inference approach to compare leukaemia treatment outcome in the absence of randomization and with dependent censoring

(2022) *International journal of epidemiology*, 51 (1), pp. 314-323.

Lapadula, G., Bernasconi, D.P., Soria, A., Valsecchi, M.G., Bonfanti, P.

Beware of Biases in Observational Studies on Anti-Spike Monoclonal Antibodies

(2022) *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*, 74 (2), p. 363.

Giani, A., Veronesi, V., Bertoglio, C.L., Mazzola, M., Bernasconi, D.P., Grimaldi, S., Gualtierotti, M., Magistro, C., Ferrari, G.

Multidimensional evaluation of the learning curve for laparoscopic complete mesocolic excision for right colon cancer: a risk-adjusted cumulative summation analysis

(2022) *Colorectal Disease*, .

Centonze, L., De Carlis, R., Vella, I., Carbonaro, L., Incarbone, N., Palmieri, L., Sgrazzutti, C., Ficarelli, A., Valsecchi, M.G., Iacono, U.D., Lauterio, A., Bernasconi, D., Vanzulli, A., De Carlis, L.

From LI-RADS Classification to HCC Pathology: A Retrospective Single-Institution Analysis of Clinico-Pathological Features Affecting Oncological Outcomes after Curative Surgery

(2022) *Diagnostics*, 12 (1), art. no. 160, .

Ughi, N., Bernasconi, D.P., Del Gaudio, F., Dicuonzo, A., Maloberti, A., Giannattasio, C., Tarsia, P., Puoti, M., Scaglione, F., Beltrami, L., Colombo, F., Bertuzzi, M., Bellone, A., Adinolfi, A., Valsecchi, M.G., Epis, O.M., Rossetti, C., on behalf of the Niguarda COVID Working Group

Trends in all-cause mortality of hospitalized patients due to SARS-CoV-2 infection from a monocentric cohort in Milan (Lombardy, Italy)

(2022) *Journal of Public Health (Germany)*, .

Maloberti, A., Ughi, N., Bernasconi, D.P., Rebora, P., Cartella, I., Grasso, E., Lenoci, D., Del Gaudio, F., Algeri, M., Scarpellini, S., Perna, E., Verde, A., Santolamazza, C., Vicari, F., Frigerio, M., Alberti, A., Valsecchi, M.G., Rossetti, C., Epis, O.M., Giannattasio, C., Niguarda Covid-19 Working Group
Heart rate in patients with sars-cov-2 infection: Prevalence of high values at discharge and relationship with disease severity
(2021) *Journal of Clinical Medicine*, 10 (23), art. no. 5590, .

Tamini, N., Gianotti, L., Darwish, S., Petitto, S., Bernasconi, D., Oldani, M., Uggeri, F., Braga, M., Nespoli, L.
Do preoperative transfusions impact prognosis in moderate to severe anaemic surgical patients with colon cancer?
(2021) *Current Oncology*, 28 (6), pp. 4634-4644.

Famularo, S., Donadon, M., Cipriani, F., Ardito, F., Iaria, M., Carissimi, F., Perri, P., Dominioni, T., Zanello, M., Conci, S., Molfino, S., D'Acapito, F., Germani, P., Ferrari, C., Patauner, S., Pinotti, E., Sciannamea, I., Garatti, M., Lodo, E., Troci, A., Delvecchio, A., Floridi, A., Bernasconi, D.P., Fumagalli, L., Chiarelli, M., Memeo, R., Crespi, M., Zanus, G., Zimmiti, G., Antonucci, A., Zago, M., Frena, A., Griseri, G., Tarchi, P., Ercolani, G., Baiocchi, G.L., Ruzzenente, A., Jovine, E., Maestri, M., Grazi, G.L., Valle, R.D., Giuliani, F., Aldrighetti, L., Romano, F., Torzilli, G., Costa, G., Ciulli, C., Giani, A., Ratti, F., Bellobono, M., Cremaschi, E., Valsecchi, M.G., De Peppo, V., Calabrese, F., DeSario, G., Lazzari, G., Cucchetti, A., Cosola, D., Percivale, A., Ciola, M., Montuori, M., Frassani, S., Manzoni, A., Salvador, L., Pennacchi, L., Corleone, P., Conticchio, M., Memeo, R., HE.RC.O.LE.S. Group
The Impact of Postoperative Ascites on Survival After Surgery for Hepatocellular Carcinoma: a National Study
(2021) *Journal of Gastrointestinal Surgery*, 25 (11), pp. 2823-2834.

Squillace, N., Bernasconi, D.P., Lapadula, G., Soria, A., Sabbatini, F., Colella, E., Rossi, M., Tamburini, A.M., Leone, B.E., Brenna, A., Malandrin, S., Cavallero, A., Di Lucia, A., Braga, M., Bonfanti, P.
HPV 16 and 18 contribute to development of anal dysplasia in HIV infection irrespective of gender and sexual orientation
(2021) *HIV Medicine*, 22 (9), pp. 860-866.

Alberti, P., Bernasconi, D.P., Cornblath, D.R., Merkies, I.S.J., Park, S.B., Velasco, R., Bruna, J., Psimaras, D., Koeppen, S., Pace, A., Dorsey, S.G., Argyriou, A.A., Kalofonos, H.P., Briani, C., Schenone, A., Faber, C.G., Mazzeo, A., Grisold, W., Valsecchi, M.G., Cavaletti, G., on behalf of the CI-PeriNomS group
Prospective evaluation of health care provider and patient assessments in chemotherapy-induced peripheral neurotoxicity
(2021) *Neurology*, 97 (7), pp. E660-E672.

Gerussi, A., Bernasconi, D.P., O'Donnell, S.E., Lammers, W.J., Van Buuren, H., Hirschfield, G., Janssen, H., Corpechot, C., Reig, A., Pares, A., Battezzati, P.M., Zuin, M.G., Cazzagon, N., Floreani, A., Nevens, F., Gatselis, N., Dalekos, G., Mayo, M.J., Thorburn, D., Bruns, T., Mason, A.L., Verhelst, X., Kowdley, K., van der Meer, A., Niro, G.A., Beretta-Piccoli, B.T., Marziani, M., Belli, L.S., Marra, F., Valsecchi, M.G., Lindor, K.D., Invernizzi, P., Hansen, B.E., Carbone, M., Italian PBC Study Group and the GLOBAL PBC Study Group
Measurement of Gamma Glutamyl Transferase to Determine Risk of Liver Transplantation or Death in Patients With Primary Biliary Cholangitis
(2021) *Clinical Gastroenterology and Hepatology*, 19 (8), pp. 1688-1697.e14.

Famularo, S., Donadon, M., Cipriani, F., Bernasconi, D.P., LaBarba, G., Dominioni, T., Iaria, M., Molfino, S., Conci, S., Ferrari, C., Garatti, M., Delvecchio, A., Troci, A., Patauner, S., Frassani, S., Cosimelli, M., Zanus, G., Giuliani, F., Jovine, E., Valsecchi, M.G., Grazi, G., Antonucci, A., Frena, A., Crespi, M., Memeo, R., Zimmiti, G., Griseri, G., Ruzzenente, A., Baiocchi, G., DallaValle, R., Maestri, M., Ercolani, G., Aldrighetti, L., Torzilli, G., Romano, F., Ciulli, C., Giani, A., Carissimi, F., Costa, G., Ratti, F., Cucchetti, A., Calabrese, F., Cremaschi, E., Lazzari, G., Franceschi, A., Segà, V., Conticchio, M., Pennacchi, L., Ciola, M., Sciannamea, I., De Peppo, V., HE.RC.O.LE.S. Group

Curative versus palliative treatments for recurrent hepatocellular carcinoma: a multicentric weighted comparison
(2021) *HPB*, 23 (6), pp. 889-898.

Torsello, B., de Marco, S., Bombelli, S., Chisci, E., Cassina, V., Corti, R., Bernasconi, D., Giovannoni, R., Bianchi, C., Perego, R.A.

Erratum: The 1ALCTL and 1BLCTL isoforms of Arg/Abl2 induce fibroblast activation and extra cellular matrix remodelling differently (*Biology Open* (2019) 8 (bio038554) DOI: 10.1242/bio.038554)
(2021) *Biology Open*, 10 (5), art. no. bio058751, .

Tamini, N., Bernasconi, D., Ripamonti, L., Bianco, G.L., Braga, M., Nespoli, L.

Clinical validation of the comprehensive complication index in colon cancer surgery
(2021) *Cancers*, 13 (7), art. no. 1745, .

Monaco, L., Gemelli, M., Gotuzzo, I., Bauckneht, M., Crivellaro, C., Genova, C., Cortinovis, D., Zullo, L., Ammoni, L.C., Bernasconi, D.P., Rossi, G., Morbelli, S., Guerra, L.

Metabolic parameters as biomarkers of response to immunotherapy and prognosis in non-small cell lung cancer (Nslc): A real world experience
(2021) *Cancers*, 13 (7), art. no. 1634, .

Barba, M., Frigerio, M., Manodoro, S., Bernasconi, D.P., Cola, A., Palmieri, S., Fumagalli, S., Vergani, P.

Postpartum urinary retention: Absolute risk prediction model
(2021) *LUTS: Lower Urinary Tract Symptoms*, 13 (2), pp. 257-263.

Barba, M., Bernasconi, D.P., Manodoro, S., Frigerio, M.

Risk factors for obstetric anal sphincter injury recurrence: A systematic review and meta-analysis
(2021) *International Journal of Gynecology and Obstetrics*, .

Lambicchi, L., Ornaghi, S., Dal Molin, G., Paterlini, G., Bernasconi, D.P., Moltrasio, F., Vergani, P.

Different antecedents and neonatal condition in neonatal arterial ischemic stroke and hypoxic-ischemic neonatal encephalopathy
(2021) *International Journal of Gynecology and Obstetrics*, .

Giani, A., Cipriani, F., Famularo, S., Donadon, M., Bernasconi, D.P., Ardito, F., Fazio, F., Nicolini, D., Perri, P., Giuffrida, M., Pontarolo, N., Zanello, M., Lai, Q., Conci, S., Molfino, S., Germani, P., Pinotti, E., Romano, M., La Barba, G., Ferrari, C., Patauner, S., Manzoni, A., Sciannamea, I., Fumagalli, L., Troci, A., Ferraro, V., Floridi, A., Memeo, R., Crespi, M., Chiarelli, M., Antonucci, A., Zimmitti, G., Frena, A., Percivale, A., Ercolani, G., Zanusi, G., Zago, M., Tarchi, P., Baiocchi, G.L., Ruzzenente, A., Rossi, M., Jovine, E., Maestri, M., Valle, R.D., Grazi, G.L., Vivarelli, M., Ferrero, A., Giuliante, F., Torzilli, G., Aldrighetti, L., Gianotti, L., Romano, F., Ciulli, C., Braga, M., Ratti, F., Costa, G., Razionale, F., Russolillo, N., Marinelli, L., De Peppo, V., Cremaschi, E., Calabrese, F., Laureiro, Z.L., Lazzari, G., Cosola, D., Montuori, M., Salvador, L., Cucchetti, A., Franceschi, A., Ciola, M., Segal, V., Calcagno, P., Pennacchi, L., Tedeschi, M.

Performance of comprehensive complication index and clavien-dindo complication scoring system in liver surgery for hepatocellular carcinoma
(2020) *Cancers*, 12 (12), art. no. 3868, pp. 1-15.

Lapadula, G., Bernasconi, D.P., Bellani, G., Soria, A., Rona, R., Bombino, M., Avalli, L., Rondelli, E., Cortinovis, B., Colombo, E., Valsecchi, M.G., Migliorino, G.M., Bonfanti, P., Foti, G., for the Remdesivir-Ria Study Group

Remdesivir Use in Patients Requiring Mechanical Ventilation due to COVID-19
(2020) *Open Forum Infectious Diseases*, 7 (11), .

Famularo, S., Di Sandro, S., Giani, A., Bernasconi, D.P., Lauterio, A., Ciulli, C., Rampoldi, A.G., Corso, R., De Carlis, R., Romano, F., Braga, M., Gianotti, L., De Carlis, L.
Treatment of hepatocellular carcinoma beyond the Milan criteria. A weighted comparative study of surgical resection versus chemoembolization
(2020) *HPB*, 22 (9), pp. 1349-1358.

Degrade, L., Zanframundo, C., Bernasconi, D.P., Real, G., Garancini, M., Uggeri, F., Romano, F., Braga, M.
Futility of abdominal drain in elective laparoscopic splenectomy
(2020) *Langenbeck's Archives of Surgery*, 405 (5), pp. 665-672.

Bombelli, S., Meregalli, C., Grasselli, C., Bolognesi, M.M., Bruno, A., Eriani, S., Torsello, B., Marco, S., Bernasconi, D.P., Zucchini, N., Mazzola, P., Bianchi, C., Grasso, M., Albini, A., Cattoretto, G., Perego, R.A.
PKHhigh/CD133+/CD24- Renal Stem-Like Cells Isolated from Human Nephrospheres Exhibit In Vitro Multipotency
(2020) *Cells*, 9 (8), .

Gerussi, A., Halliday, N., Saffioti, F., Bernasconi, D.P., Roccarina, D., Marshall, A., Thorburn, D.
Normalization of serum immunoglobulin G levels is associated with improved transplant-free survival in patients with autoimmune hepatitis
(2020) *Digestive and Liver Disease*, 52 (7), pp. 761-767.

Famularo, S., Donadon, M., Cipriani, F., Ardito, F., Carissimi, F., Perri, P., Iaria, M., Dominioni, T., Zanello, M., Conci, S., Molfino, S., LaBarba, G., Ferrari, C., Germani, P., Patauner, S., Pinotti, E., Lodo, E., Garatti, M., Sciannamea, I., Troci, A., Conticchio, M., Floridi, A., Chiarelli, M., Fumagalli, L., Memeo, R., Crespi, M., Antonucci, A., Zimmiti, G., Zanusi, G., Zago, M., Frena, A., Tarchi, P., Griseri, G., Ercolani, G., Baiocchi, G.L., Ruzzenente, A., Jovine, E., Maestri, M., DallaValle, R., Grazi, G.L., Giuliante, F., Aldrighetti, L., Torzilli, G., Romano, F., Bernasconi, D.P., Ciulli, C., Giani, A., Costa, G., Ratti, F., Bellobono, M., Calabrese, F., Cremaschi, E., De Peppo, V., Cucchetti, A., Lazzari, G., Percivale, A., Ciola, M., Sega, V., Frassani, S., Del Vecchio, A., Pennacchi, L., Corleone, P., Cosola, D., Salvador, L., Montuori, M., HE.RC.O.LE.S. Group
Hepatocellular carcinoma surgical and oncological trends in a national multicentric population: the HERCOLES experience
(2020) *Updates in Surgery*, 72 (2), pp. 399-411.

Tassistro, E., Bernasconi, D.P., Rebori, P., Valsecchi, M.G., Antolini, L.
Modeling the hazard of transition into the absorbing state in the illness-death model
(2020) *Biometrical Journal*, 62 (3), pp. 836-851.

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Comparison of three therapeutic regimens for genotype-3 hepatitis C virus infection in a large real-life multicentre cohort
(2020) *Liver International*, 40 (4), pp. 769-777.

Ausili, D., Bernasconi, D.P., Rebori, P., Prestini, L., Beretta, G., Ferraioli, L., Cazzaniga, A., Valsecchi, M.G., Di Mauro, S.

Complexity of nursing care at 24 h from admission predicts in-hospital mortality in medical units: A cohort study
(2020) BMC Health Services Research, 20 (1), art. no. 181, .

Doni, D., Paterlini, G., Locatelli, A., Arnoldi, S., Magri, M.C., Bernasconi, D., Valsecchi, M.G., Tagliabue, P.E.
Effects of antenatal indomethacin on ductus arteriosus early closure and on adverse outcomes in preterm neonates
(2020) Journal of Maternal-Fetal and Neonatal Medicine, 33 (4), pp. 645-650.

Lapadula, G., Bernasconi, D.P., Bai, F., Focà, E., Di Biagio, A., Bonora, S., Castelli, F., Squillace, N., Bandera, A., Monforte, A.D., Migliorino, G.M., Gori, A.
Switching from efavirenz to rilpivirine improves sleep quality and self-perceived cognition but has no impact on neurocognitive performances
(2020) AIDS, 34 (1), pp. 53-61.

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Bernasconi DP, Rebora P, Valsecchi MG, Iacobelli S, Antolini L, Survival probability with time varying treatment: theoretical quantities and nonparametric estimators, VIII Congresso Nazionale della Società Italiana di Statistica Medica ed Epidemiologia Clinica, 16-19 Settembre 2015, Università di Torino, Torino, (contributed oral presentation).

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Bernasconi DP, Tassistro E, Rebora P, Valsecchi MG and Antolini A, Modeling the impact of time to the intermediate event in the illness-death model, 24-26th April 2018, 7th Survival Analysis for Junior Researchers, Leiden, The Netherlands, (contributed oral presentation).

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Bernasconi DP, Pacifico C, Antolini L, and Valsecchi MG, Comparison of propensity score based methods for estimating marginal hazard ratios with composite unweighted and weighted endpoints: simulation study and application to hepatocellular carcinoma, XI Congresso Nazionale della Società Italiana di Statistica Medica ed Epidemiologia Clinica, 15-17 September 2021, virtual conference, (contributed oral presentation).

Bernasconi DP, Tassistro E, Valsecchi MG and Antolini A, Non parametric “log rank type” tests to compare the hazard of mortality without or after transition to an intermediate event in a non markovian illness death model, 20-24-29 September 2021, XIII Conferenza della Società Italiana di Biometria (SIB), virtual conference, (contributed oral presentation, winner of young researcher competition).

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