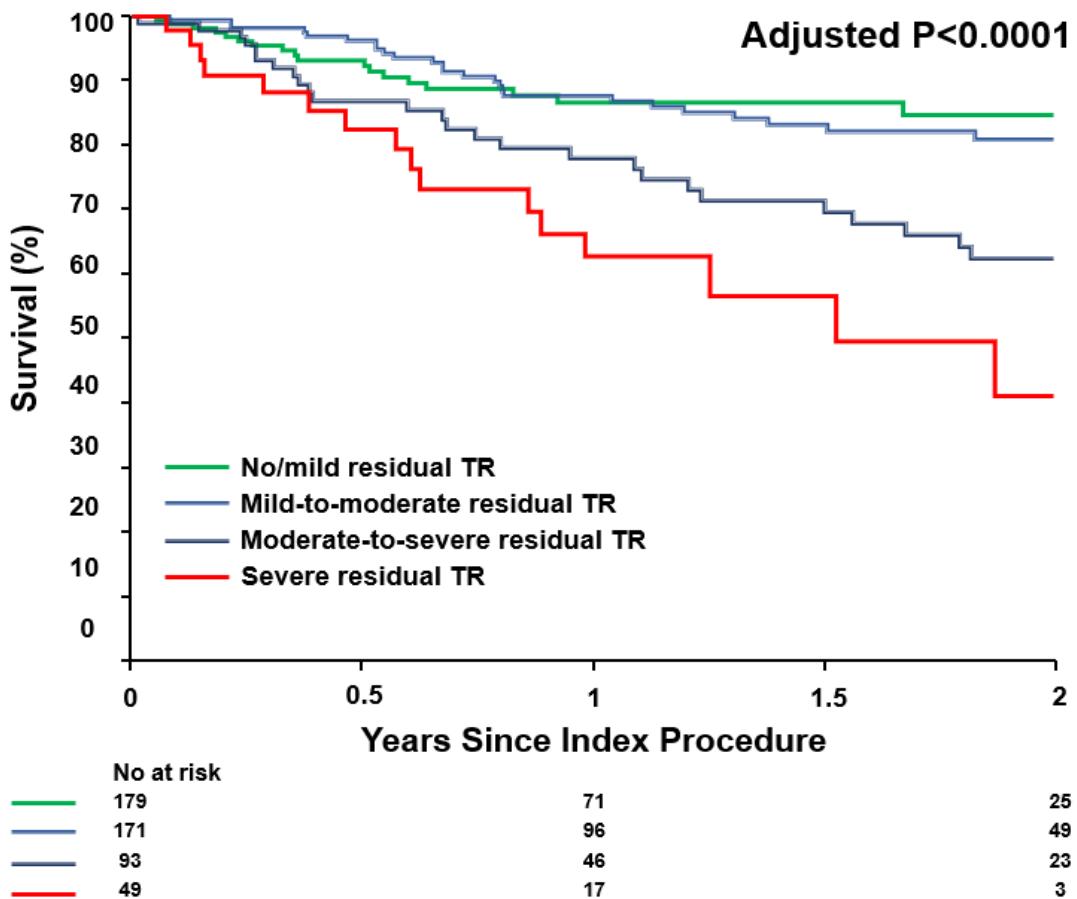


SUPPLEMENTARY FILES

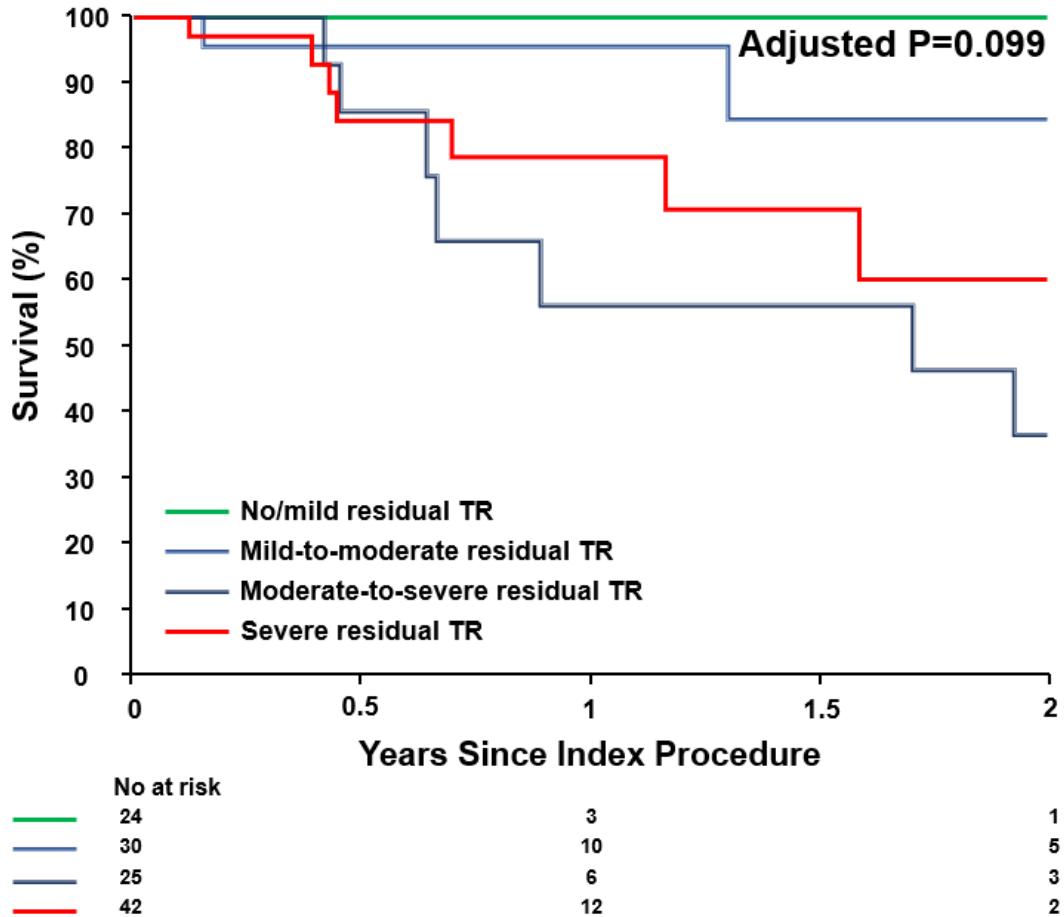
FIGURE S1. Survival according to residual TR grade and type of repair.

The figure displays Kaplan-Meier curves showing survival at 2 years after transcatheter tricuspid valve repair according to the degree of residual tricuspid regurgitation (TR) at discharge assessed based on a 4-grade scheme (no/mild in green, mild-to-moderate in light blue, moderate-to-severe in dark blue, and severe TR in red) (A) in patients who underwent a transcatheter edge-to-edge tricuspid valve repair intervention and (B) in patients who underwent another type of transcatheter tricuspid valve repair intervention (mostly annuloplasty). The adjusted mean restricted survival time P value is provided.

A.



B.



Supplementary Appendix. TRIGISTRY - List of investigators

Nina Ajmone-Marsan (Department of Cardiology, Leiden University Medical Center, Leiden, The Netherlands),
Hannes Alessandrini (Department of cardiology, Asklepios clinic Sankt Georg, Hamburg, Germany),
Luigi Badano (Department of Cardiology, Istituto Auxologico Italiano, IRCCS, Milan, Italy; Department of Medicine and Surgery, University of Milano-Bicocca, Milan, Italy),
Philipp Bartko (Department for Internal Medicine II, Cardiology, Medical University of Vienna, Vienna, Austria),
Jeroen Bax (Department of Cardiology, Leiden University Medical Center, Leiden, The Netherlands),
Baptiste Bazire (Department of Cardiology, Centre Cardiologique du Nord, Saint-Denis, France),
Giovanni Benfari (Cardiovascular disease department, Mayo Clinic, Rochester, MM, USA; Section of Cardiology, Department of Medicine, University of Verona, Italy),
Jordan Bernick (Cardiovascular Research Methods Center, University of Ottawa Heart Institute, Ottawa, Canada),
Yohan Bohbot (Department of Cardiology, Amiens University Hospital, Amiens, France; UR UPJV 7517, Jules Verne University of Picardie, Amiens, France),
Manuel Carnero-Alcazar (Department of Cardiac Surgery, Hospital Clínico San Carlos, Madrid, Spain),
Vincent Chan (Department of Cardiac surgery, University of Ottawa Heart Institute, Ontario, Canada),
Augustin Coisne (Department of Clinical Physiology and Echocardiography – Heart Valve Clinic, CHU Lille, Lille, France; Institut Pasteur de Lille, U1011- EGID, Univ. Lille, Inserm, CHU Lille, Lille, France),
Juan Crestanello (Department of Cardiovascular Surgery, Mayo Clinic, Rochester, MM, USA)
Michele De Bonis (Vita-Salute San Raffaele University, Department of Cardiac Surgery, IRCCS San Raffaele Hospital, Milan, Italy),
Fabien Doguet (Department of Cardiology and Cardio-Vascular Surgery, CHU Charles Nicolle, Rouen, France),
Erwan Donal (Cardiology Department, LTSI UMR1099, INSERM, Université de Rennes-1, CHU de RENNES, Rennes, France),
Julien Dreyfus (Department of Cardiology, Centre Cardiologique du Nord, Saint-Denis, France),
Florian Eggenspieler (Cardiology Department, CHU Nancy-Brabois, Nancy, France),
Maurice Enriquez-Sarano (Minneapolis Heart Institute, Minneapolis, Minnesota, USA),
Andrea Eixerés-Esteve (Cardiac Surgery Department, Hospital 12 de Octubre, Madrid, Spain),
Rodrigo Estevez Loureiro (Interventional Cardiology Clinic, University Hospital Alvaro Cunqueiro, Vigo, Spain),
Damien Eyharts (Heart Valve Center, Toulouse University Hospital, Toulouse, France),
Neil Fam (Division of Cardiology, Toronto Heart Center, St. Michael's Hospital, Toronto, Ontario, Canada),
Michele Flagiello (Department of Cardiovascular Surgery and Transplantation, Louis Pradel

Cardiovascular Hospital, Claude Bernard University, Bron, France),

Xavier Galloo (Department of Cardiology, Leiden University Medical Center, Leiden, The Netherlands; Department of Cardiology, Free University Brussels (VUB), University Hospital Brussels (UZ Brussel), Brussels, Belgium),

Mara Gavazzoni (Department of Cardiology, Istituto Auxologico Italiano, IRCCS, Milan, Italy; Department of Medicine and Surgery, University of Milano-Bicocca, Milan, Italy),

Gilbert Habib (Cardiology Department, APHM, La Timone Hospital, Marseille France),

Rebecca Hahn (Division of Cardiology, Columbia University Medical Center-New York Presbyterian Hospital, New York, New York, USA),

Jörg Hausleiter (Medical Clinic and Polyclinic I, University Hospital of Munich, Munich, Germany),

Gregor Heitzinger (Department for Internal Medicine II, Cardiology, Medical University of Vienna, Vienna, Austria),

Dominique Himbert (Division of Cardiology, Bichat Hospital, Paris, France),

Christos Iliadis (Department for Internal Medicine III, Faculty of Medicine and University Hospital Cologne, Cologne, Germany)

Bernard Iung (Cardiology Department, Bichat Hospital, APHP, and INSERM LVTS U1148, Université de Paris, Paris France),

Fernando Juarez-Casso (Department of Cardiovascular Surgery, Mayo Clinic, Rochester, MM, USA),

Karl-Patrick Kresoja (Division of Cardiology, University Medical Center, Mainz, Germany),

Azeem Latib (Division of Cardiology, Montefiore Medical Center, New York, New York, USA),

Alexander Lauten (Department of General and Interventional Cardiology and Rhythmology, Helios Klinikum Erfurt, Germany),

Yoan Lavie-Badie (Heart Valve Center, Toulouse University Hospital, Toulouse, France),

Thierry Le Tourneau (CNRS, INSERM, l'institut du thorax, Université de Nantes, CHU de Nantes, Nantes, France),

Pascal Lim (Cardiology Department, Expert Valve Center, Henri Mondor Hospital, Créteil, France),

Edith Lubos (Department of Cardiology, University Heart and Vascular Center, Hamburg, Germany)

Philipp Lurz (Division of Cardiology, University Medical Center, Mainz, Germany),

Francesco Maisano (Cardiac Surgery and Heart Valve Center, Ospedale San Raffaele, University Vita Salute, Milano, Italy),

Yannick Mbaki (Cardiology Department, LTSI UMR1099, INSERM, Université de Rennes-1, CHU de RENNES, Rennes, France),

Hector Michelen (Department of Cardiovascular Medicine, Mayo Clinic, Rochester, Minnesota),

Thomas Modine (Department of Cardiology and Cardio-Vascular Surgery, Hôpital Cardiologique de Haut-Leveque, Bordeaux University Hospital, Bordeaux, France),

David Messika-Zeitoun (Department of Cardiology, University of Ottawa Heart Institute, Ottawa, Canada)

Denisa Muraru (Department of Cardiology, Istituto Auxologico Italiano, IRCCS, Milan, Italy; Department of Medicine and Surgery, University of Milano-Bicocca, Milan, Italy),

Mohammed Nejjar (Department of Cardiology, Centre Cardiologique du Nord, Saint-Denis, France),
Georg Nickenig (Heart center University of Bonn, Germany),
Martin Nicol (Department of Cardiology, Centre Cardiologique du Nord, Saint-Denis, France),
Luis Nombela-Franco (Interventional Cardiology, Hospital Clínico San Carlos, Madrid, Spain),
Jean-François Obadia (Department of Cardiovascular Surgery and Transplantation, Louis Pradel Cardiovascular Hospital, Claude Bernard University, Bron, France),
Hazem Omran (Clinic for General and Interventional Cardiology/Angiology, Herz- und Diabeteszentrum NRW, Ruhr-University Bochum, Bad Oeynhausen, Germany),
Giovanni Pedrazzini (Division of Cardiology, Cardiocentro Ticino Institute, EOC, Lugano, Switzerland; Biomedical Faculty, Università della Svizzera Italiana (USI), Lugano, Switzerland),
Roman Pfister (Department for Internal Medicine III, Faculty of Medicine and University Hospital Cologne, Cologne, Germany)
Kerstin Piayda (CardioVascular Center Frankfurt, Frankfurt, Germany and Department of Cardiology and Angiology, Universitätsklinikum Gießen und Marburg, Gießen, Germany),
Fabien Praz (Department of Cardiology, Bern University Hospital, Inselspital, University of Bern, Bern, Switzerland),
Costin Radu (Department of Cardiac Surgery, AP-HP, Henri Mondor Hospital, Crêteil, France),
Kenza Rahmouni El Idrissi (Department of Cardiac surgery, University of Ottawa Heart Institute, Ottawa, Ontario, Canada),
Elisabeth Riant (Department of Cardiology, Centre Cardiologique du Nord, Saint-Denis, France),
Josep Rodés-Cabau (Quebec Heart and Lung Institute, Laval University, Quebec City, Quebec, Canada),
Volker Rudolph (General and Interventional Cardiology, Heart & Diabetes Center NRW, University Hospital of the Ruhr University Bochum, Bad Oeynhausen, Germany)
Tobias Ruf (Division of Cardiology, University Medical Center, Mainz, Germany),
Giulio Russo (Policlinico Tor Vergata, University of Rome, Rome, Italy),
Alessandra Sala (Vita-Salute San Raffaele University, Department of Cardiac Surgery, IRCCS San Raffaele Hospital, Milan, Italy),
Joachim Schofer (MVZ-Department for structural heart disease, Asklepios Clinic St Georg, Hamburg, Germany)
Christine Selton-Suty (Cardiology Department, CHU Nancy-Brabois, Nancy, France)
Thomas Senage (Department of Cardiac surgery, INSERM 1246, Université de Nantes, CHU de Nantes, Nantes, France),
Horst Sievert (CardioVascular Center Frankfurt CVC, Frankfurt, Germany),
Lukas Stolz (Medical Clinic and Polyclinic I, University Hospital of Munich, Munich, Germany),
Gilbert H. L. Tang (Department of Cardiovascular Surgery, Mount Sinai Health System, New York, New York, USA),
Maurizio Taramasso (HerzZentrum Hirslanden Zürich, Zürich, Switzerland),
Jacques Tomasi (Department of Cardiac Surgery, CHU de RENNES, Université de Rennes-1, Rennes, France),
Yan Topilsky (Department of Cardiology, Tel Aviv Medical Center, Sackler Faculty of

Medicine, Tel Aviv, Israel),

Christophe Tribouilloy (Department of Cardiology, Amiens University Hospital, Amiens, France; UR UPJV 7517, Jules Verne University of Picardie, Amiens, France),

Florence Viau (Cardiology Department, APHM, La Timone Hospital, Marseille France),

Ralph Stephan von Bardeleben (Division of Cardiology, University Medical Center, Mainz, Germany),

John Webb (St. Paul Hospital, Vancouver, British Columbia, Canada),

Marcel Weber (Heart Center University Hospital, Bonn, Germany),

George A. Wells (Cardiovascular Research Methods Center, University of Ottawa Heart Institute, Ottawa, Canada),

Stephan Windecker (Department of Cardiology, Bern University Hospital, Inselspital, University of Bern, Bern, Switzerland),

Jose Luis Zamorano (Cardiology Department, University Hospital Ramon y Cajal, Spain).