ELIAS MARKSTEDT

PERSONAL INFORMATION

Born in Sweden, 21 Jul 1984

email elias.markstedt@gu.se

website www.gu.se/eliasmarkstedt

CURRENT POSITION

PregDem Postdoc/Deputy P.I. and project manager

2024 Department of Political Science, University of Gothenburg (UGOT)

ACADEMIC EMPLOYMENT

LORE Survey/database manager

Development and implementation of survey-based social science research in the Swedish Citizen Panel, Laboratory of Opinion Research (LORE), the SOM Institute, UGOT (survey-embedded experiments, panel studies) in political science, psychology, economics, sociology, media and communication, public health, biology.

SOM Research assistant

2011–2013 Producing a pooled cross-section survey dataset (the Cumulative SOM Dataset), survey methodological papers, and reports at the SOM Institute, UGOT.

EDUCATION

Ph.D., Department of Political Science. Dissertation: *Pregnancy and politics* – *On the gender gap in political knowledge, attitudes, and participation* (defence date: 12 April, 2024).

2011–2012 Master of Arts (Political Science), UGOT. Thesis: *Polling accuracy of vote intentions in Sweden using different weighting and sampling strategies*

2007–2010 Bachelor of Arts (Political Science), UGOT. Thesis: *Measuring party consideration* sets – A comparison between three operationalizations.

PEER-REVIEWED PUBLICATIONS

Naurin, E., **Markstedt**, E., Schneider, M., Lizotte, M.-K & Stolle, D. The effects of parental leave on public opinion. *Politics & Gender*.

Olander, P., Berglin, L., Naurin, E., **Markstedt, E.**, Lindén, K., Sengpiel, V., Stolle, D. & Elden, H. The impact of exclusion due to COVID-19 restrictions on partners' satisfaction with Swedish hospital postnatal ward care: A multi-methods approach. *Birth*.

Zheng, L., Naurin, E., **Markstedt, E.**, Olander, P., Elden, H. & Lindén, K. (2023). A longitudinal dyadic study of six leisure activities in Swedish couples during the transition to parenthood. *Sex Roles*, 312, 115362.

Naurin, E., Stolle, D. & **Markstedt**, E. (2023). The effect of pregnancy on engagement with politics. *American Political Science Review.*, 117 (1), 311–317.

Zheng, L., Naurin, E., **Markstedt, E.**, Olander, P., Lindén, K., Sengpiel, V., Stolle, D. & Elden, H. (2022). Expectant parents' emotions evoked by

pregnancy: A longitudinal dyadic analysis of couples in the Swedish Pregnancy Panel. *Social Science & Medicine*.

- Naurin, E., **Markstedt**, E., Stolle, D., Enström, D., Wallin, A., Andreasson, I., ... & Sengpiel, V. (2021). Pregnant under the pressure of a pandemic: A large-scale longitudinal survey before and during the COVID-19 outbreak. *European Journal of Public Health*, 31(1), 7–13.
- Markstedt, E., Wängnerud, L., Solevid, M. & Djerf-Pierre, M. (2021). The subjective meaning of gender: How survey designs affect perceptions of femininity and masculinity. *European Journal of Politics and Gender*, 4(1), 51-70.
- Naurin, E., **Markstedt**, E., Stolle, D., Elden, H. & Sengpiel, V. (2021). Does transition to parenthood affect gender traits? The effect of pregnancy on perceived female and male traits. *European Journal of Politics and Gender*, 4(1), 135–150.
- Solevid, M., Wängnerud, L., Djerf-Pierre, M. & **Markstedt**, E. (2020). Gender gaps in political attitudes revisited: the conditional influence of non-binary gender on left–right ideology and GAL-TAN opinions. *European Journal of Politics and Gender*, 4(1), 93–112.
- Lindgren, E., **Markstedt**, E., Martinsson, J. & Andreasson, M. (2020). Invitation timing and participation rates in online panels: Findings from two survey experiments. *Social Science Computer Review*, 38(2), 225-244.
- 2017 Krouwel, A., Kutiyski, Y., van Prooijen, J. W., Martinsson, J. & **Markstedt, E.** (2017). Does extreme political ideology predict conspiracy beliefs, economic evaluations and political trust? Evidence from Sweden. *Journal of Social and Political Psychology*, 5(2), 435–462.
- 2014 Stenport, A. W., **Markstedt**, E. & Crain, M. (2014). Charting and challenging digital media convergence practice and rhetoric through longitudinal media population surveys. *Convergence*, 20(2), 140–156.

BOOKS AND CHAPTERS IN EDITED BOOKS

- Markstedt, E. On the gender gap in political knowledge, attitudes, and participation. Gothenburg Studies in Politics 182. Ph.D. Thesis.
- Markstedt, E., Naurin, E., & Wallin, A. Vilka politiska förslag tycker mammor och pappor är viktigast? [Which political proposals do mothers and fathers think are most important?] In Ulrika Andersson, Anders Carlander, Marie Grusell & Patrik Öhberg (eds). *Ingen anledning till oro* (?). Göteborgs universitet: SOM-institutet, 429–433.

SELECTED WORKS IN PROGRESS

Markstedt, E. [*Manuscript*]. "Women in the media environment and the gender gap in political knowledge."

Markstedt, E., Naurin, E. & Olander, P. [*Manuscript*]. "Changing political knowledge during pregnancy, childbirth, and early parenthood."

Markstedt, E. [*Manuscript*]. "How pregnancy shapes views of the state and welfare state policies."

Markstedt, E. Stolle, D., Frödin Gruneau, M. & Naurin, E. [*Manuscript*]. "Navigating parenthood: Policy preferences from pregnancy to postpartum — A three-wave panel study in Sweden."

Markstedt, E. Stolle, D., Frödin Gruneau, M. & Naurin, E. [*Manuscript*]. "Health effects on political behavior."

Broms, R. & Markstedt, E. [Manuscript]. "Local information capacity in Sweden".

Bäckstedt, F., Markstedt, E. & Oscarsson, H. [Manuscript]. "Knowledge effects on the vote revisited."

Bäckstedt, F., **Markstedt**, E., Nygren Greus, S., & Oscarsson, H. [*Manuscript*]. "Public opinion had it been better informed: Estimating the effects of political knowledge."

Zheng, L., Olander, P., **Markstedt, E.** & Naurin, E. [*Manuscript*]. "Who wants a biological child? A systematic review".

DATASETS

Original datasets

The GenVis Dataset - Comparative Gender & Media Visibility (2025).

Estimates of proportion women in the media based on media searches 1990–2024 (Factiva and Retriever's Media Archive) based on politicians' names from an original data collection, the EveryPolitician dataset, and WhoGov (N=204,184). $N_{country}=47,\,N=3,781$ (V1). Role: Original idea, data collection, documentation, data management. Data and documentation available at https://osf.io/sxnwr/.

PregDem

The Pregnancy Panel at SU/Östra (2022). One face-to-face recruitment survey and six panel waves 2019–2022. N=6,940 pregnant women and their partners. Role: Survey design, implementation of recruitment methodology, data collection, documentation, data management. With Petrus Olander, Lucy Zheng, and Elin Naurin (PI)

Pregnancy in the Swedish Citizen Panel (SCP) (2020). 13 panel waves 2014–2019 sampled from the larger SCP, an omnibus online panel. N=4,634 pregnant women and partners of pregnant women, and 29,432 nonpregnant respondents. Role: Survey design, implementation, data collection, documentation, data management. With Elin Naurin (PI)

The SOM Institute

The SOM Institute Cumulative National Dataset 1986–2012. Role: Harmonization of all datasets, documentation. N=80,046. With Johan Martinsson, Henrik Ekengren Oscarsson, Sören Holmberg, and Lennart Weibull (PI).

The SOM Institute Cumulative West Sweden Dataset 1990–2012. Role: Harmonization of all datasets, N=80,046. With Johan Martinsson, Henrik Ekengren Oscarsson, Sören Holmberg, and Lennart Weibull (PI).

ADMINISTRATIVE ROLES

Deputy principal investigator and project manager in the Gothenburg Research Program on Pregnancy and Politics: Department of Political Science University of Gothenburg (Dec 2023–Ongoing).

Survey manager in the Gothenburg Research Program on Pregnancy and Politics: Department of Political Science University of Gothenburg (Jan 2018–2023). Design, implementation, coordination, surveillance, and data management of a seven-wave survey data collection – the Swedish Pregnancy Panel. Included recruitment of 7,000 pregnant women and their partners at Östra Sahlgrenska University Hospital in Gothenburg, Sweden.

WORKSHOPS & CONFERENCES ORGANIZED

PregDem 2025 Coding Workshop, University of Gothenburg, Arken Spa & Hotel, Sweden. Mar 23–25, 2025.

Role: Organizer and Chair

2025

Description: Organized and chaired a multidisciplinary coding workshop with midwives, obstetricians, neonatologists, and political scientists (15 participants) aiming at creating an expert coded dataset of metacodes for all diagnosis and procedure codes in the Pregnancy Registers.

2024 PregDem 2024 Workshop, University of Gothenburg, Jonsered Mansion, Sweden. September 19, 2024.

Role: Organizer and Chair

Description: Organized and chaired a workshop focusing on the intersection of pregnancy, politics, and policy research (9 participants). Coordinated speakers, managed discussions, and facilitated participant engagement.

TEACHING EXPERIENCE

As of November 2025, I have accumulated a total of 1,400 hours of teaching
experience, 1,181 hours excluding thesis supervision.

2025 Academic writing, Institutions and Actors in Democracy (Introductory Course)
(SK1113)
Lecturer.

Social science research methods for social studies teachers grades 7–9 (L9So85)

Course coordinator, lecturer, seminar leader, and examiner.

Bachelor's thesis course for social studies teachers grades 7–9 (L9SH2A) Examiner.

2022, 2024— Preparatory thesis writing for social studies teachers grades 10–12 (LGSH2G) Course coordinator (2022, 2025), lecturer, seminar leader, and examiner.

2022 Social science research methods for social studies teachers grades 7–9 (L9SH45) Lecturer, seminar leader, and examiner.

2022 Preparatory thesis writing for social studies teachers grades 7–9 (L9SH2G) Lecturer, supervisor, an examiner.

2020–2021 Thematic in-depth study (preparatory thesis writing course for political science; SK1223)

Seminar leader and supervisor.

2021–2022 Governance systems, organization, and assessment for teachers grades 4–6/after-school programs (L6K21G/LRK21G)

Seminar leader and examiner.

2019–2021 Governance systems, organization, and assessment for teachers grades 7–9/10–12 (L9K2oG/LGK2oG)

Seminar leader and examiner.

Thesis supervision, 14 in total. Bachelor's theses: 7 in Political science, 3 in the Teacher education program, 1 in European Studies, 1 in Midwifery; Master's theses: 1 in Political science, 1 in Midwifery, 1 in Biology.

HIGHER EDUCATION COURSES TAKEN

2019	Teaching and Learning in Higher Education 1: Basic Course (PIL101).
	University of Gothenburg.

2021 ECPR Virtual Winter School – Structural Equation Modelling: An Introduction Instructor: Bart Meuleman.

2020 NTNU Trondheim – Media, Opinion and Political Behavior Instructor: Shanto IYENGAR.

2020 ECPR Winter School – Panel Data Analysis

Instructor: Andrew L1.

2019 Teaching and Learning in Higher Education 1: Basic Course (PIL101). University of Gothenburg.

2015 Statistics Sweden Summer school – *Hard to survey populations* Instructors: Roger Tourangeau and Steven Heeringa.

AWARDS AND GRANTS

2022 · Contributor – *Swedish Research Council.* 5,100,000 SEK for Pregnant under the pressure of a pandemic. Understanding why maternal and delivery healthcare varied in Sweden during the COVID-19 pandemic and assessing effects of variation on mother and child. Main applicant: Elin Naurin, together with Sophia Brismar Wendel, Anna Hagman, Kerstin Petersson, Verena Sengpiel, and Dietlind Stolle.

2022 · Contributor – *Knut and Alice Wallenberg Foundation*. 8,750,000 SEK for Prolongation grant for Elin Naurin's 2017 Wallenberg Academy Fellows. Project: The Politics of Pregnancy.

2018 · Winner – Survey statistician of the year (Årets surveystatistiker), Statistikfrämjandet/Surveyföreningen

2017 · Nominee – MarC Awards, Newcomer of the year (Årets nykomling). Price is given by SMIF, SÖK, SMUF, ESOMAR, SURVEYFÖRENINGEN och Statistikfrämjandet (Swedish survey associations)

CONFERENCE AND WORKSHOP PARTICIPATION

As presenter

"The impact of health problems during pregnancy on political participation and attitudes: evidence from the Swedish Pregnancy Panel" (co-authored with Dietlind Stolle, Moa Frödin Gruneau, Elin Naurin, and Verena Sengpiel). EPSA, Madrid, Jun 26–28, 2025.

"Health effects on political behavior" (co-authored with Dietlind Stolle, Moa Frödin Gruneau, Elin Naurin, and Verene Sengpiel). GEPOP Workshop, Nääs Fabriker, Sweden, Feb 4–5, 2025.

"Policy preferences from pregnancy to postpartum" (co-authored with Dietlind Stolle, Moa Frödin Gruneau and Elin Naurin). EPSA, Cologne, Germany, 4–6 Jul, 2024.

"Navigating parenthood: policy preferences from pregnancy to postpartum" (co-authored with Dietlind Stolle, Moa Frödin Gruneau and Elin Naurin). ECPR Joint Sessions of Workshops, Leuphana University, Lüneburg, Germany, 25–28 Mar, 2024.

"Navigating parenthood: policy preferences from pregnancy to postpartum" (co-authored with Dietlind Stolle and Elin Naurin). GEPOP Workshop, Nääs Fabriker, Sweden, Feb 6–7, 2024.

"Using AI to create media system measures." Life after ChatGPT: Impact of generative AI on the social sciences. Mixed methods for analyzing communication (MiMac) workshop at Böttö, Jun 13, 2023.

"The gender gap in political knowledge: Mothers, media, and missing role models." AFS general research seminar series, 80% dissertation seminar, Department of Political Science, University of Gothenburg, Sweden, Oct 13, 2022.

"Changing political knowledge during pregnancy, childbirth, and early parenthood." The European Conference on Politics and Gender (ECPG) in Ljubljana, Jul 6–8, 2022.

"The media environment and the gender gap in political knowledge." The European Conference on Politics and Gender (ECPG) in Ljubljana, Jul 6–8, 2022.

"Women in the media environment and the gender gap in political knowledge." Politics & Gender Workshop, University of Gothenburg, Feb 23, 2022.

"The effects of pregnancy, childbirth, and early parenthood on the gender gap in political knowledge. A large scale longitudinal survey" (co-authored with Elin Naurin). APSA, Seattle, Sep 30–Oct 3, 2021 (online).

"The subjective meaning of gender – How survey designs affect perceptions of femininity and masculinity" (co-authored with Lena Wängnerud, Maria Solevid and Monika Djerf-Pierre). FemQuant, Sep 6, 2021.

"The subjective meaning of gender – How survey designs affect perceptions of femininity and masculinity" (co-authored with Lena Wängnerud, Maria Solevid and Monika Djerf-Pierre). European Survey Research Association (ESRA) Virtual. Jul 9, 2021.

"The effects of pregnancy, childbirth, and early parenthood on the gender gap in political knowledge. A large scale longitudinal survey" (co-authored with Elin Naurin). EPSA Virtual, Jun 24–25, 2021.

"Media systems and the gender gap in political knowledge." MPSA, Chicago, US, Apr 14–18, 2021.

"Media systems and the gender gap in political knowledge." GEPOP seminar series, 50% dissertation seminar. University of Gothenburg, Sweden, Nov 17, 2020.

"How pregnancy shapes views of the state and welfare state policies" (presenter; co-authored with Elin Naurin and Dietlind Stolle. The European Conference on Politics and Gender (ECPG) conference in Amsterdam, Jul 4–6, 2019.

"Measuring gender identity? Subjective reasoning as experimental treatment on gender characteristics self-placement" (co-authored with Maria Solevid, Lena Wängnerud and Monika Djerf-Pierre). Gender Diversity in Survey Research workshop, University of Gothenburg, Jun 11–12, 2018

"How good is 'Good?' Experimental studies of individual interpretations of response options in Likert-type scales using VAS as evaluation tool" (co-authored with Elina Lindgren. The 2018 Spring Event on Survey Methodology, Gothenburg, Sweden, May 8, 2018.

"Accuracy of vote intention measurements using different weighting strategies." The 2015 Spring Event on Survey Methodology, Gothenburg, Sweden, May 5, 2018.

"How good is 'Good?' Two experimental studies of individual interpretations of response options in Likert-type scales using VAS as evaluation tool" (co-authored with Elina Lindgren and Johan Martinsson). General Online Research (GOR) conference, Cologne, Germany, Mar 15–17, 2018.

"Quantifying the quantifier – Methodological coding of questionnaires for meta-analysis" (co-authored with Frida Vernersdotter). The VOD seminar (Val, Opinion, Demokrati/Elections Opinion Democracy), May 6, 2014.

"Investigating the effects of questionnaire design and question characteristics on respondent fatigue" (co-authored with Frida Vernersdotter). AAPOR Annual Conference, Boston, May 16–19, 2013.

As co-author

"Local information capacity in Sweden." (co-authored with Rasmus Broms). EPSA, Cologne, Germany, 4–6 Mar, 2024.

"Bridge over troubled data: Municipal legibility in Sweden." (co-authored with Rasmus Broms). Quality of Government internal conference, Oslo, Jan 29–31, 2024.

"Knowledge effects on the vote revisited." (co-authored with Felix Bäckstedt, Kristoffer Ahlström-Vij, and Henrik Oscarsson). SWEPSA Annual Meeting 2023 at the University of Gothenburg, Oct 4–6, 2023.

"Covid restrictions, political trust and satisfaction with welfare services: Evidence from the Swedish Pregnancy Panel" (co-authored with Petrus Olander, Elin Naurin, and Lucy Zheng). CES conference in Lisbon, Jul 29–31, 2022.

"Exkluderad på grund av pandemin: Partners nöjdhet med BB-vård före och under COVID-19-pandemin: en longitudinell enkätstudie" ([poster] co-authored with Lisa Berglin, Petrus Olander, Elin Naurin, Karolina Linden, Helen Elden, Elias Markstedt, Lucy Zheng, and Verena Sengpiel). State of the Art Covid-19, Nov 24–25, 2021.

"Pregnant under the pressure of a pandemic: a large-scale longitudinal survey before and during the COVID-19 outbreak" ([poster] co-authored with Elin Naurin, Dietlind Stolle, Daniel Enström, Anton Wallin, Ingrid Andreasson, Birgitta Attebo, Ottilia Eriksson, Klara Martinsson, Helen Elden, Karolina Lindén, and Verena Sengpiel). State of the Art Covid-19, Online (Sweden), Dec 15–16, 2020.

"The effect of pregnancy on engagement with politics. Towards a model of the political consequences of the earliest stages of parenthood" (co-authored with Elin Naurin and Dietlind Stolle). ECPR, Innsbruck, Austria, Aug 26–28, 2020.

"How pregnancy shapes views of the state and welfare state policies" (co-authored with Elin Naurin and Dietlind Stolle). The first Nordic Workshop on Political Behavior, Gothenburg, Sweden, Feb 27–28, 2020.

"The effect of pregnancy on engagement with politics" (co-authored with Elin Naurin and Dietlind Stolle. GEPOP internal conference, Hjortviken, Hindås, Sweden, Feb 5–6, 2020.

"The effects of parental leave on public opinion" (co-authored with Elin Naurin, Monica Schneider, Mary-Kate Lizotte, and Dietlind Stolle). APSA in Washington, DC, Aug 29–Sep 1, 2019.

"Does transition to parenthood affect gender traits? The effect of pregnancy on perceived female and male traits" (co-authored with Elin Naurin, Dietlind Stolle, Helen Elden, Verena Sengpiel, and Karolina Lindén). Congress of the Nordic Federation of Midwives. Midwifery across borders. Harpa, Reykjavik, May 2–4 2019.

"The moderating effect of categorical and non-categorical gender on political attitudes: Evidence from Sweden" (co-authored with Lena Wängnerud, Maria Solevid and Monika Djerf-Pierre). APSA, Boston, Aug 30–Sep 2, 2018.

"The moderating effect of categorical and non-categorical gender on political attitudes: Evidence from Sweden" (co-authored with Maria Solevid, Lena Wängnerud and Monika Djerf-Pierre). Gender Diversity in Survey Research workshop, University of Gothenburg, Jun 11–12, 2018

"Does gender identity change during adulthood? The effect of pregnancy on perceived female and male traits" (co-authored with Elin Naurin and Dietlind Stolle). Gender Diversity in Survey Research, University of Gothenburg workshop, Jun 11–12, 2018.

"Remember, remember Sep 14? Accuracy of vote recall and its effects on the quality of opinion polls" (co-authored with Per Oleskog Tryggvason. The 2018 Spring Event on Survey Methodology, Gothenburg, Sweden, May 8, 2018.

"The effect of pregnancy on political attentiveness" (co-authored with Elin Naurin and Dietlind Stolle). MPSA Chicago, Apr 5–8, 2018.

"Do voting aid applications affect electoral decision-making processes? Evidence from the 2014 Swedish General Election and the 2014 European Parliament Election" (co-authored with Valérie-Anne Mahéo and Johan Martinsson). MPSA, Chicago, Apr 6–9, 2017.

"Inward or outward: How pregnancy shapes political orientations" (co-authored with Elin Naurin and Dietlind Stolle). APSA, Philadelphia, PA, Sep 1–4, 2016.

"Response option order effects. Scale lengths and horizontal or vertical layout" (co-authored with Johan Martinsson). AAPOR Annual Conference, Hollywood, Florida, May 14–17, 2015.

INVITED TALKS AND PUBLIC OUTREACH

2025 · "När partnern stängs ute ökar stressen för nyblivna föräldrar," Popularized summary of peer-reviewed research. Published in *Jordemodern* (Jun, No. 4), the professional journal of the Swedish Association of Midwives. Co-authored with Elin Naurin and Karolina Lindén.

2024 · Presentation of dissertation and PregDem research for Rotary in Gothenburg, Sweden (Oct 24).

- 2024 · Presentation of my dissertation and the PregDem research for obstetricians at the Sahlgrenska University Hospital in Gothenburg, Sweden (Oct 15).
- 2024 · "Könsskillnader i politiken" (Political gender differences) Public presentation for the media on the gender gap in political attitudes at the annual SOM Institute seminar in Sweden at University of Gothenburg, main building (Mar 21).
- 2022 · "The effect of pregnancy on engagement with politics. Toward a model of the political consequences of the earliest stages of parenthood (co-authored with Elin Naurin and Dietlind Stolle). Talk at the SOM Institute, University of Gothenburg (Jun 13).
- 2021 · Public presentation of the link between pregnancy and political behavior on Culture Magazine Day (Tidskriftsdagen) at Gothenburg City Library (Nov 21).
- 2021 · Guest lecturer at Institute for European Urban Studies seminar series, Bauhaus University, Weimar in Germany Talk on survey design (Jun 18).
- 2020 · Qualtrics primer Introduction to the online web survey software Qualtrics at University of Gothenburg (Nov 27).
- 2017 · Presented web survey research to Statistics Sweden's user council on democracy statistics (Nov 5).
- 2016 · Created and held a course workshop in post-stratification weighting of survey data internally at the SOM Institute (Nov 14).
- 2013 · Presentation of the SOM Institute's survey methodological work at Statistikerträffen (the yearly Swedish Meeting of Statisticians), at the Department of Mathematical Sciences Chalmers University of Technology and University of Gothenburg, Sweden (Sep 18).

DEPARTMENTAL AND INTERNAL PRESENTATIONS

"We still don't know who wants a child: a systematic review of the fertility motivations literature" (co-authored with Lucy Zheng, Petrus Olander, and Elin Naurin). The SOM Institute, Gothenburg, Mar 27, 2025.

"We still don't know who wants a child: a systematic review of the fertility motivations literature" (co-authored with Lucy Zheng, Petrus Olander, and Elin Naurin). Gender and Politics workshop, Gothenburg, Feb 21, 2025.

"The gender gap in political engagement: Mothers, media, and missing role models." SOM Institute workshop, Nääs, Sweden, Oct 3–4, 2023.

"The gender gap in political knowledge: Mothers, media, and missing role models." HAS general research seminar series, Department of Journalism, Media and Communication, University of Gothenburg, Sweden (Nov 30, 2022).

"Measurements of knowledge questions in the Swedish Pregnancy Survey." PregDem Winter workshop, Gothenburg, Sweden, Dec 9, 2020.

"Measurements of knowledge questions in the Swedish Pregnancy Survey." PregDem Winter workshop Styrsö. Dec 11, 2019.

OTHER INFORMATION

Parental leave

January – August 2017

November 2018 – May 2019

November 11, 2025