

Curriculum Vitae

Name: Maryam

Surname: Rahmati

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Academic Educations:

Educational Degree	University	Date
BSc in Statistics	Tehran University	2005 - 2009
MSc in Biostatistics	University of social welfare and rehabilitation sciencess	2010 - 2013
PhD in Biostatistics	Tehran University of Medical Sciences	2014 - 2020

Thesis's subject:

Educational Degree	Subject
BSc	Application of the logistics regression model in the analysis of factors affecting the increase in goiter .
MSc	Bayesian analysis of time to relapse in schizophrينيا patients using frailty models.
PhD	Joint modeling of recurrent events and terminal event using compound Poisson frailty model in Achalasia patients.

Professional experiences:

Academic Position	Date
Lecturer at University of social welfare and rehabilitation sciencess, Tehran, Iran	2012-2013
Lecturer at University of Applied Science and Technology, Tehran, Iran	2012-2015
Lecturer at Payam nour university, Tehran, Iran	2011-2015
Researcher at Reproductive Endocrinology Research Center	2015 up to now

Executive responsibilities and memberships:

1. Member of the Iranian Statistical Scientific Association
2. Member of the Iranian Biostatistics Scientific Association

Academic Awards:

1. Member of the office of talent
2. First rank of MSc course in Biostatistics
3. First rank of Ph.D. course in Biostatistics

Educational activities:**Teaching theoretical courses:**

1. Research method
2. Mathematical statistics 1,2
3. Sampling methods 1,2
4. Statistical methods
5. Quality control

Training internship and practical courses:

1. SPSS software
2. SAS software

Teaching in workshops:

1. Research methods, 2014
2. Advanced Search Workshop, 2016

Participation in retraining courses and workshops:

1. research methods in Scientific Resources, 2014
2. Methodology of Bayesian Approach in Science and Engineering, 2015
3. How to Design a Basic Scientific Project, 2015
4. How to Design a Clinical Trial, 2015
5. Meta – Analysis, 2015
6. Improving communication skills: Why? And how ?, 2015
7. R workshop, 2015
8. Meta Analysis Workshop using STATA, 2016
9. R Workshop, Preliminary Level, 2016
10. R Workshop, advanced Level, 2016
11. Simulation with R, 2016
12. Teaching Methods Workshop, 2018
13. Bayesian analysis of cross-sectional and longitudinal data with counting response, 2017

Published papers (Persian):

1. Nazarpour S, Ramezani Tehrani F, **Rahmati M**, Azizi F. Gestational diabetes incidence in women with subclinical hypothyroidism and euthyroid women. *The Iranian Journal of Obstetrics, Gynecology and Infertility*. 2022;25(2):13-24.
2. Farahmand M, Ramezani Tehrani F, **Rahmati M**, Azizi F. Relationship between Age at Menarche and Menstrual Irregularities in Reproductive Age. *Journal of Mazandaran University of Medical Sciences*. 2021 Sep 10;31(200):90-8.
3. نظرپور، دکتر سیما، رضانی تهرانی، دکتر فهیمه، سیمبر، دکتر معصومه، رحمتی مریم، عزیزی، دکتر فریدون. بررسی فراوانی آنتی‌بادی تیروئید پراکسیداز مثبت و عوامل مرتبط با آن طی دوران بارداری در زنان باردار مراجعه کننده به Sep مراکز تحت پوشش دانشگاه شهید بهشتی در سال ۹۵-۱۳۹۲. *مجله زنان، مامایی و نازایی ایران*. 2018 Sep 23;21(7):20-8.
4. **Rahmati M**, Rahgozar M, Bakhshi E, Farzaneh N, Fadaei F, Cheraghi L. Applying accelerated failure time frailty model using Bayesian approach to identify some risk factors of time to relapses in schizophrenia patients. *Koomesh*. 2014;15(3).

Published Papers (English)

1. Farahmand M, **Rahmati M**, Azizi F, Behboudi Gandevani S, Tehrani FR. The impact of endogenous estrogen exposure duration on fracture incidence; a longitudinal cohort study. *The Journal of Clinical Endocrinology & Metabolism*. 2022 May 4.
2. Ramezani Tehrani F, Behboudi-Gandevani S, Farzadfar F, Hosseinpanah F, Hadaegh F, Khalili D, Soleymani-Dodaran M, Valizadeh M, Abedini M, **Rahmati M**, Bidhendi Yarandi R. A cluster randomized non-inferiority field trial of gestational diabetes mellitus screening. *The Journal of Clinical Endocrinology & Metabolism*. 2022 Mar 25.
3. Dovom MR, Noroozadeh M, Mosaffa N, Piryaei A, Zadeh-Vakili A, Aabdollahifar MA, **Rahmati M**, Farhadi-Azar M, Tehrani FR. Maternal exposure to D-galactose reduces the ovarian reserve in female rat' s offspring later in life. *International Journal of Endocrinology and Metabolism*. 2022 Apr 30;20(2).
4. Mahboobifard F, **Rahmati M**, Ramezani Tehrani F. A single cut-off value of anti-Müllerian hormone should not be used for the diagnosis of PCOS in all reproductive-aged women. *Human Reproduction*. 2022 Mar;37(3):621-2.
5. Mahboobifard F, **Rahmati M**, Amiri M, Azizi F, Tehrani FR. To what extent does polycystic ovary syndrome influence the cut-off value of prolactin? Findings of a community-based study. *Advances in Medical Sciences*. 2022 Mar 1;67(1):79-86.
6. Ramezani Tehrani F, Behboudi-Gandevani S, Farzadfar F, Hosseinpanah F, Hadaegh F, Khalili D, Soleymani-Dodaran M, Valizadeh M, Abedini M, **Rahmati M**, Bidhendi Yarandi R. A Cluster Randomized Noninferiority Field Trial of Gestational

- Diabetes Mellitus Screening. *The Journal of Clinical Endocrinology & Metabolism*. 2022 Mar 25.
7. Nazarpour S, Ramezani Tehrani F, **Rahmati M**, Azizi F. Gestational diabetes incidence in women with subclinical hypothyroidism and euthyroid women. *The Iranian Journal of Obstetrics, Gynecology and Infertility*. 2022;25(2):13-24.
 8. Noroozadeh M, **Rahmati M**, Behboudi-Gandevani S, Ramezani Tehrani F. Maternal hyperandrogenism is associated with a higher risk of type 2 diabetes mellitus and overweight in adolescent and adult female offspring: a long-term population-based follow-up study. *Journal of endocrinological investigation*. 2022 Jan 19:1-0.
 9. Farhadi-Azar M, Behboudi-Gandevani S, **Rahmati M**, Mahboobifard F, Pouya EK, Tehrani FR, Azizi F. The Prevalence of Polycystic Ovary Syndrome, Its Phenotypes and Cardio-Metabolic Features in a Community Sample of Iranian Population: Tehran Lipid and Glucose Study. *Frontiers in endocrinology*. 2022;13.
 10. Fazlollahi N, Anushiravani A, **Rahmati M**, Amani M, Asl-Soleimani H, Markarian M, Jiang AC, Mikaeli J. Safety and Efficacy of Graded Gradual Pneumatic Balloon Dilation in Idiopathic Achalasia Patients: A 24-Year Single-Center Experience. *Archives of Iranian Medicine*. 2021 Dec 1;24(12):862.
 11. Amiri M, **Rahmati M**, Farahmand M, Azizi F, Tehrani FR. Age at natural menopause in women with a history of chronic diseases: A population-based cohort study. *Maturitas*. 2021 Nov 20.
 12. Mahboobifard F, **Rahmati M**, Niknam A, Rojhani E, Momenan AA, Azizi F, Tehrani FR. Impact of Polycystic Ovary Syndrome on Silent Coronary Artery Disease and Cardiovascular Events; A Long-term Population-based Cohort Study. *Archives of Medical Research*. 2021 Nov 22.
 13. Nazarpour S, Ramezani Tehrani F, **Rahmati M**, Amiri M, Azizi F. Effects of isolated maternal hypothyroxinemia on adverse pregnancy outcomes. *Archives of Gynecology and Obstetrics*. 2021 Sep 5:1-9. DOI: 10.1007/s00404-021-06226-0.
 14. Naz MS, **Rahmati M**, Azizi F, Tehrani FR. Risk of chronic kidney disease in women with a history of preterm delivery: Tehran Lipid and Glucose Study. *Journal of Nephrology*. 2021 Jul 3:1-9. <https://doi.org/10.1007/s40620-021-01103-0>.
 15. **Rahmati M**, Rezanejad Asl P, Mikaeli J, Zeraati H, Rasekhi A. Compound Poisson frailty model with a gamma process prior for the baseline hazard: accounting for a cured fraction. *Journal of Applied Statistics*. 2021 Jul 6:1-5.
 16. Farahmand M, Ramezani Tehrani F, **Rahmati M**, Azizi F. Relationship between Age at Menarche and Menstrual Irregularities in Reproductive Age. *Journal of Mazandaran University of Medical Sciences*. 2021 Sep 10;31(200):90-8.
 17. Farahmand M, Khomamid MB, **Rahmati M**, Azizi F, Tehrani FR. Aging and changes in adiposity indices: the impact of menopause. *Journal of Endocrinological Investigation*. 2021 Jul 13:1-9. <https://doi.org/10.1007/s40618-021-01616-2>

18. Farahmand M, Ramezani Tehrani F, **Rahmati M**, Azizi F. Anthropometric Indices and Age at Natural Menopause: A 15-Year Follow-Up Population-Based Study. *International Journal of Endocrinology and Metabolism*. 2021 Oct 31;19(4).
19. Tehrani FR, **Rahmati M**, Mahboobifard F, Firouzi F, Hashemi N, Azizi F. Age-specific cut-off levels of anti-Müllerian hormone can be used as diagnostic markers for polycystic ovary syndrome. *Reproductive Biology and Endocrinology*. 2021 Dec;19(1):1-0. <https://doi.org/10.1186/s12958-021-00755-8>.
20. Behboudi-Gandevani S, Hedayati M, Mansournia MA, Nazemipour M, **Rahmati M**, Ramezani Tehrani F. The Association between Serum Concentration of Irisin, Glucose-dependent Insulinotropic Polypeptide and Body Mass Index among Women with and without Polycystic Ovary Syndrome. *International Journal of Endocrinology and Metabolism*. 2021 Dec 31(In Press).
21. Zahedi, M., Kazemian, E., Ramezani-Tehrani, F, **Rahmati M**. *et al*. Assessment of the simultaneous effect of hypothyroidism and thyroid autoimmunity with gestational diabetes on the incidence of type 2 diabetes. *BMC Endocr Disord* **20**, 150 (2020). <https://doi.org/10.1186/s12902-020-00627-z>.
22. Amiri M, Tehrani FR, **Rahmati M**, Firouzi F, Azizi F. Do trends of adiposity and metabolic parameters vary in women with different ovarian reserve status? A population-based cohort study. *Menopause*. 2020 Jun 1;27(6):684-92. <https://doi.org/10.1097/GME.0000000000001513>.
23. Amiri M, **Rahmati M**, Hedayati M, Nahidi F, Tehrani FR. Effects of oral contraceptives on serum concentrations of adipokines and adiposity indices of women with polycystic ovary syndrome: a randomized controlled trial. *Journal of Endocrinological Investigation*. 2020 Jul 17:1-4. <https://doi.org/10.1007/s40618-020-01349-8>.
24. **Rahmati M**, Mahmoudi M, Mohammad K, Mikaeli J, Zeraati H. Bayesian modelling of zero-inflated recurrent events and dependent termination with compound Poisson frailty model. *Stat*. 2020 Dec;9(1):e292. <https://doi.org/10.1002/sta4.292>.
25. Tehrani FR, Hashemi N, Montazeri SA, **Rahmati M**, Hatami H. Optimal reference values for insulin sensitivity indices in Iranian healthy females: a population-based study. *International Journal of Diabetes in Developing Countries*. 2020 Apr 21:1-6. <https://doi.org/10.1007/s13410-020-00814-7>.
26. Zarinara A, Zeraati H, Kamali K, Mohammad K, **Rahmati M**, Akhondi MM. The success rate and factors affecting the outcome of assisted reproductive treatment in subfertile men. *Iranian Journal of Public Health*. 2020 Feb;49(2):332. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7231713/>.
27. Behboudi-Gandevani S, Amiri M, **Rahmati M**, Soudmand SA, Azizi F, Tehrani FR. Preeclampsia and the Ten-Year Risk of Incident Chronic Kidney Disease. *Cardiorenal Medicine*. 2020;10(3):188-97. <https://doi.org/10.1159/000506469>.

28. Suri, Sh; Farhang Dehghan, S; Khodakarim, S; Moradi, N ; Salehi Sahlabadi, A; **Rahmati, M**; Ramezani Tehrani, F.
29. Relationship between exposure to Extremely Low Frequency (ELF) magnetic field and the level of some reproductive hormones among power plant workers. *Journal of Occupational Health*. 2020. <https://doi.org/10.1002/1348-9585.12173>.
30. Erfani H, **Rahmati M**, Mansournia MA, Azizi F, Montazeri SA, Shamsheersaz AA, Tehrani FR. Association between ovarian reserve and preeclampsia: a cohort study. *BMC pregnancy and childbirth*. 2019 Dec;19(1):1-8. <https://doi.org/10.1186/s12884-019-2578-y>.
31. Shisheghar F, Mirmiran P, **Rahmati M**, Tohidi M, Tehrani FR. Does a restricted energy low glycemic index diet have a different effect on overweight women with or without polycystic ovary syndrome?. *BMC endocrine disorders*. 2019 Dec 1;19(1):93. <https://doi.org/10.1186/s12902-019-0420-1>.
32. Bahri S, Tehrani FR, Amouzgar A, **Rahmati M**, Tohidi M, Vasheghani M, Azizi F. Overtime trend of thyroid hormones and thyroid autoimmunity and ovarian reserve: a longitudinal population study with a 12-year follow up. *BMC Endocrine Disorders*. 2019 Dec 1;19(1):47. <https://doi.org/10.1186/s12902-019-0370-7>.
33. Behboudi-Gandevani S, Tehrani FR, **Rahmati M**, Amiri M, Azizi F. Trend of various adiposity indices in women with and without history of gestational diabetes: a population-based cohort study. *BMC endocrine disorders*. 2019 Dec 1;19(1):24. <https://doi.org/10.1186/s12902-019-0348-5>.
34. Amiri M, Ramezani Tehrani F, **Rahmati M**, Amanollahi Soudmand S, Behboudi-Gandevani S, Sabet Z, Azizi F. Low serum testosterone levels and the incidence of chronic kidney disease among male adults: A prospective population-based study. *Andrology*. 2020 May;8(3):575-82. <https://doi.org/10.1111/andr.12728>.
35. Amiri M, Tehrani FR, **Rahmati M**, Behboudi-Gandevani S, Azizi F. Changes overtime in blood pressure of women with preeclampsia compared to those with normotensive pregnancies: a 15 year population-based cohort study. *Pregnancy hypertension*. 2019 Jul 1;17:94-9. <https://doi.org/10.1016/j.preghy.2019.05.007>.
36. Erfani H, **Rahmati M**, Mansournia MA, Azizi F, Montazeri SA, Shamsheersaz AA, Tehrani FR. 872: Age-specific anti-mullerian hormone (AMH) and preeclampsia: a 15-year cohort study. *American Journal of Obstetrics & Gynecology*. 2019 Jan 1;220(1):S568.
37. Minooe S, Ramezani Tehrani F, **Rahmati M**, Amanollahi Soudmand S, Tohidi M, Sabet Z, Azizi F. The association between serum total testosterone and progression of hyperglycemia: a 15-year prospective cohort study. *Andrology*. 2019 Mar;7(2):148-55. <https://doi.org/10.1111/andr.12568>.
38. Nazarpour S, Ramezani Tehrani F, Simbar M, **Rahmati M**, Azizi F. Frequency of positive thyroid peroxidase antibody and its related factors during pregnancy in pregnant women referring to the centers under coverage of Shahid Beheshti University

- of Medical Sciences, 2013-2016. The Iranian Journal of Obstetrics, Gynecology and Infertility. 2018;21(7):20-8.
39. Nazarpour S, Tehrani FR, **Rahmati M**, Minooe S, Simbar M, Noroozadeh M, Azizi F. Validation of Billewicz scoring system for detection of overt hypothyroidism during pregnancy. International journal of endocrinology and metabolism. 2018 Jul;16(3). <https://doi.org/10.5812/ijem.64249>.
 40. Nazarpour S, Ramezani Tehrani F, Simbar M, Tohidi M, Minooe S, **Rahmati M**, Azizi F. Effects of levothyroxine on pregnant women with subclinical hypothyroidism, negative for thyroid peroxidase antibodies. The Journal of Clinical Endocrinology & Metabolism. 2018 Mar;103(3):926-35. <https://doi.org/10.1210/jc.2017-01850>.
 41. Nazarpour S, Tehrani FR, Simbar M, Minooe S, **Rahmati M**, Mansournia MA, Azizi F. Establishment of trimester-specific reference range for thyroid hormones during pregnancy. Clinical biochemistry. 2018 Mar 1;53:49-54. <https://doi.org/10.1016/j.clinbiochem.2018.01.006>.
 42. Minooe S, Ramezani Tehrani F, **Rahmati M**, Mansournia MA, Azizi F. Prediction of age at menopause in women with polycystic ovary syndrome. Climacteric. 2018 Jan 2;21(1):29-34. <https://doi.org/10.1080/13697137.2017.1392501>.
 43. M. A. Mansournia, S. Minooe, F. Ramezani Tehrani, **M. Rahmati** & F. Azizi (2018) Authors'reply, Climacteric, 21:2, 196, <https://doi.org/10.1080/13697137.2018.1441824>.
 44. Minooe S, Tehrani FR, **Rahmati M**, Mansournia MA, Azizi F. Dyslipidemia incidence and the trend of lipid parameters changes in women with history of gestational diabetes: a 15-year follow-up study. Endocrine. 2017 Nov 1;58(2):228-35. <https://doi.org/10.1007/s12020-017-1413-3>.
 45. Minooe S, Tehrani FR, **Rahmati M**, Mansournia MA, Azizi F. Diabetes incidence and influencing factors in women with and without gestational diabetes mellitus: A 15 year population-based follow-up cohort study. Diabetes Research and Clinical Practice. 2017 Jun 1;128:24-31. <https://doi.org/10.1016/j.diabres.2017.04.003>.
 46. **Rahmati M**, Rahgozar M, Fadaei F, Bakhshi E, Cheraghi L. Identifying some risk factors of time to relapses in schizophrenic patients using Bayesian approach with event-dependent frailty model. Iranian journal of psychiatry. 2015 Apr;10(2):123.
 47. **Rahmati M**, Rahgozar M, Bakhshi E, Farzaneh N, Fadaei F, Cheraghi L. Applying accelerated failure time frailty model using Bayesian approach to identify some risk factors of time to relapses in schizophrenia patients. Koomesh. 2014 Apr 10;15(3):310-5.