

## Education

1. Ph.D (Population Studies), 2023, **International Institute for Population Science, Mumbai, India.**
2. M.Phil (Population Studies), 2016, **International Institute for Population Science, Mumbai, India.**
3. Master of Population Studies, 2015, **International Institute for Population Science, Mumbai, India.**
4. M.Sc (Statistics), 2012, **North Eastern Hills University, Shillong, India.**
5. B.Sc (Statistics), 2010, **St Anthony's College, Shillong, India.**

## Area of Research Interest

Maternal and Child health, Child Nutrition, Disease Spatial Clustering, Diabetes, Hypertension, Ageing and health, Malaria and Meteorological conditions, Northeast India.

## Research Papers Published.

1. **Strong P Marbaniang.**, Chungkham Holendro Singh. (2024). Latent class of multidimensional dependency in community-dwelling older adults: evidence from the longitudinal ageing study in India. *BMC Geriatrics* 24 (1): 203. <http://dx.doi.org/10.1186/s12877-024-04813-9>
2. **Strong P Marbaniang.**, Ratna Patel., Pradeep Kumar., Shekhar Chauhan., Shobhit Srivastava (2022). Hearing and Vision difficulty and sequential treatment among older adults in India. *Scientific Report* 12(1), 19056. <https://doi.org/10.1038/s41598-022-21467-y>
3. Shobhit Srivastava., Shekhar Chauhan., Ratna Patel ., **Strong P Marbaniang.**, Pradeep Kumar., Preeti Dhillon., Neelanjana Pandey (2022). Exposure to Pornographic Content Among Indian Adolescents and Young Adults and Its Associated Risks: Evidence from UDAYA Survey in Bihar and Uttar Pradesh. *Archives of Sexual Behavior*. <https://doi.org/10.1007/s10508-022-02411-7>
4. Shekhar Chauhan., Pradeep Kumar., **Strong P Marbaniang.**, Shobhit Srivastava., Ratna Patel. (2022). Prevalence and predictors of anaemia among adolescents in Bihar and Uttar Pradesh, India. *Scientific Report* 12(1), 8197. <https://doi.org/10.1038/s41598-022-12258-6>
5. **Strong P Marbaniang.**, Hemkothang Lhungdim., Chungkham Holendro Singh. (2022). Identifying the latent classes of modifiable risk behaviours among diabetic and hypertensive individuals in North Eastern India: a population-based cross-sectional study. *BMJ Open* 12:e053757. <http://dx.doi.org/10.1136/bmjopen-2021-053757>
6. **Strong P Marbaniang.**, Chungkham Holendro Singh., Hemkothang Lhungdim. (2022). A Structured Additive Modeling of Diabetes and Hypertension in Northeast India. *PLoS One*. <https://doi.org/10.1371/journal.pone.0262560>
7. **Strong P Marbaniang.**, Hemkothang Lhungdim., Himanshu Chaurasia. (2022). Effect of maternal height on the risk of caesarean section in singleton births: evidence from a large-scale survey in India. *BMJ Open* 12(1), e054285. <http://dx.doi.org/10.1136/bmjopen-2021-054285>

8. Chungkham Holendro Singh., **Strong P Marbaniang.**, Pralip Kumar Narzary. (2021). "Childhood Anaemia in India: an application of a Bayesian geo-additive model". *BMC Pediatrics* 21, 529. <https://doi.org/10.1186/s12887-021-03008-0>
9. Ratna Patel., **Strong P Marbaniang.**, Shobhit Srivastava., Pradeep Kumar., Shekhar Chauhan. (2021). Why women choose to deliver at home in India: a study of prevalence, factors, and socio-economic inequality. *BMC Public Health*. 21(1),1785. <https://doi.org/10.1186/s12889-021-11779-5>
10. Shobhit Srivastava., Shekhar Chauhan., Ratna Patel., **Strong P Marbaniang.**, Pradeep Kumar. (2021). Banned by the law, practiced by the society: The study of factors associated with dowry payments among adolescent girls in Uttar Pradesh and Bihar, India. *PLoS One* 16(10), e0258656. <https://doi.org/10.1371/journal.pone.0258656>
11. **Strong P Marbaniang.**, Hemkothang Lungdim., Shekhar Chauhan., Shobhit Srivastava. (2021). Interaction of multiple risk factors and population attributable fraction for type 2 diabetes and hypertension among adults aged 15–49 years in Northeast India. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*. 15(5). <http://doi.org/10.1016/j.dsx.2021.102227>.
12. **Strong P Marbaniang.**, Hemkothang Lungdim., Brijesh Yadav., Vinit K Yajurvedi. (2021). Overweight/obesity risks and prevalence of diabetes and hypertension in North Eastern India: An analysis using seemingly unrelated probit model. *Clinical Epidemiology and Global Health*. 11, 1-8. <https://doi.org/10.1016/j.cegh.2021.100764>.
13. Balasaheb Bansode., **Strong P Marbaniang.**, Jang Bahadur Prasad. (2021). Risk factors of diabetes and hypertension among women in Karnataka. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*. 15(4), 1-5. <https://doi.org/10.1016/j.dsx.2021.05.012>.
14. Shekhar Chauhan., Pradeep Kumar., **Strong P Marbaniang.**, Shobhit Srivastava., Ratna Patel., Preeti Dhillon. (2021). Examining the predictors of use of sanitary napkins among adolescent girls: A multi-level approach. *Plos One*. 16(4), e0250788. <https://doi.org/10.1371/journal.pone.0250788>.
15. Ratna Patel., **Strong P Marbaniang.**, Shobhit Srivastava., Pradeep Kumar., Shekhar Chauhan., David J Simon. (2021). Gender differential in low psychological health and low subjective well-being among older adults in India: With special focus on childless older adults. *Plos One*. 16(3), e0247943. <https://doi.org/10.1371/journal.pone.0247943>.
16. Prem Shankar Mishra., N. Pautunthang., **Strong P Marbaniang.**, Anushree K.N. (2021). Geographical divide led inequality in accessing maternal healthcare services between hills and valley regions of Manipur state, India. *Clinical Epidemiology and Global Health*. 11, 1-7. <https://doi.org/10.1016/j.cegh.2021.100744>.
17. Pradeep Kumar., Shobhit Srivastava., Shekhar Chauhan., Ratna Patel., **Strong P Marbaniang.**, Preeti Dhillon. (2021). Associated factors and socio-economic inequality in the prevalence of thinness and stunting among adolescent boys and girls in Uttar Pradesh and Bihar, India. *Plos One*. 16(2), e0247526. <https://doi.org/10.1371/journal.pone.0247526>.

18. Pradeep Kumar., Shobhit Srivastava., Shekhar Chauhan., Ratna Patel., **Strong P Marbaniang.**, Preeti Dhillon. (2021). Factors associated with gynaecological morbidities and treatment-seeking behaviour among adolescent girls residing in Bihar and Uttar Pradesh, India. *Plos One*. 16(6), e0252521. <https://doi.org/10.1371/journal.pone.0252521>.
19. Boishali Saikia., **Strong P Marbaniang.**, Pradeep Kumar., Preeti Dhillon. (2021). Changing pattern of tobacco consumption and quitting behavior in Northeast India. *Journal of Substance Use*. <http://dx.doi.org/10.1080/14659891.2021.1875068>.
20. **Strong P Marbaniang.** (2020). Women Care and Practices in the Management of Childhood Diarrhea in Northeast India. *Child Care in Practice*. 1-13. <https://doi.org/10.1080/13575279.2020.1812534>.
21. Chungkham Holendro Singh., Harihar Sahoo., **Strong P Marbaniang.** (2020). Birth interval and childhood undernutrition: Evidence from a large-scale survey in India. *Clinical Epidemiology and Global Health*. 8(4), 1189-1194. <https://doi.org/10.1016/j.cegh.2020.04.012>.

#### **Details of Book Chapters Publications.**

1. **Strong P Marbaniang.**, Laishram Ladusingh. (2018). Meteorological Conditions and Malaria Cases-Study in the Context of Meghalaya. *In Issues on Health and Healthcare in India: Focus on the North Eastern Region*. 379-393. [https://doi.org/10.1007/978-981-10-6104-2\\_21](https://doi.org/10.1007/978-981-10-6104-2_21).

#### **Conferences, Seminars, Workshops attended**

- Workshop on “**Hands-on Analysis of Periodic Labour Force Survey (PLFS) data using STATA software**”, Organized by VART Research, Mumbai, India (2024)
- Workshop on “**Capacity Building Workshop on Statistics and Data Analysis using SPSS software**”, Organised by Department of Statistics and IQAC, Shillong, India, (2024).
- Training on “**Understanding and Analyzing Research Data with “R” Programming**”, Organized by VART Research, Mumbai, India (2023)
- Workshop on “**Sampling Techniques & Sample Size Determination**”, Organized by VART Research, Mumbai, India (2022).
- **International Population Conference (IPC)** organized by the International Union for the Scientific Study of Population (IUSSP), Hyderabad, India, (2021).
- 50th Golden Jubilee Conference of IASP on **Population and Development in India, 1971-2021: Progress and Way Forward**. Organized by IASP, India, (2021).
- National Seminar on “**Problems and Prospects of Socio-economic Development and Demographic Issues of Scheduled Tribes of North-East India**” organized by the Department of Geography, Bodoland University, Assam, (2021).
- International Seminar on “**Pandemic and Population Dynamics**” organized by the International Institute for Population Sciences, Mumbai, (2021).

- ***“Korean Statistics-United Nations Population Fund Summer Seminar on Population”***, Busan, South Korea (2019). (*Analysis of Demographic data with GIS Technology*)
- ***“National Seminar on Statistics Big Data and Data Science”***, organized by the Department of Statistics, North Eastern Hills University, Shillong, (2019).
- ***“International Conference on Recent Advances in Statistics and Data Science for Sustainable Development”***, organized by the Department of Statistics, Utkal University, Bhubaneswar,(2019).
- ***“Workshop on Modern Regression Methods Using R”***, Utkal University, Bhubaneswar, (2019).
- ***“Asian Population Association Conference”***, Shanghai University, China, (2018).

#### **Country Visited.**

- China, Republic of South Korea.

#### **Professional Membership.**

- Life member, Indian Association for Social Science and Health (IASSH)
- Member, International Union for Scientific Study of Population (IUSSP)
- Member, Asian Population Association (APA)