

PREFACE

Praise to God Almighty who I believed in Jesus Christ, who accompany every step in life, including in education so that writer can finish this skripsi. The title of this skripsi is “The Difference Of Students' Mathematical Representation Ability By Using Problem Based Learning And Inquiry Based Learning On The Topic Of Statistics In Grade VIII SMP Negeri 1 Tanjung Morawa”. This skripsi was arranged to satisfy the requirement to obtain the Degree of Sarjana Pendidikan from Faculty Mathematics and Natural Science in State University of Medan.

During the process of the writing of this skripsi, the writer received support from various parties. Special thanks go to Mr. Dr. Edy Surya, M.Si as my skripsi supervisor who has provided guidance, direction, and advice to the perfection of this skripsi. Thanks are also due to Prof. Dr. Asmin, M.Pd, Dr. Mulyono, M.Si and Pardomuan N.J.M Sinambela, S.Pd, M.Pd as author's examiners who have provided input and suggestion from the planning to the completion of the preparation of the research of this skripsi. Thanks are also extended to Prof.Dr.Hasratuddin, M.Pd as academic supervisor and then thank you so much for all author's lecturer in FMIPA Unimed.

Thanks to Mrs.Arwidah Parinduri, S.Pd. as principle of SMP Negeri 1 Tanjung Morawa, Mrs. Duena Maritha Sihotang, S.Pd as mathematics teacher and all teachers, staffs and also the students in grade VIII-1 and VIII-2 SMP Negeri 1 Tanjung Morawa who have helped writer conducting the research.

Most special thanks to my beloved parents, Togar Pandapotan Simbolon and Megawati br. Situmorang, who take care of me from since I was born, who always be there for me, who pray days and nights and giving me motivation and all i need in finishing this skripsi. Big thanks to my beloved sister Rame Novayanti Simbolon and my brother in law Fernando Cay Hasibuan, my brother Andreas Maraden Simbolon, my nephew Kevin and my niece Revita for giving

support even moral or material and all my family for all pray, motivation, and support until the end of my study.

This Skripsi was compiled from the strength, spirit, and endless friendship ever given by author's best partner Febby, Bella, Aisyah, Mutiara, Aida, Windy, Rahima, Ariyanto, Bowo, Adi, and Rudi. Thanks to my big family in Bilingual Mathematics Education 2012, Dessy, Friska Simbolon, Friska Elvita, Rani, Satoto, and Dilla for sadness and happiness in the class. For all partner of PPLT Unimed Bilingual 2016 of SMA Negeri 2 Balige, for my senior and junior in mathematics department, my students SPECTRO 24th generation when author was doing practice in SMA Negeri 2 Balige, thanks for the support and motivation to finish my study. Thanks for every one who cannot be mentioned one by one who support and motivate the author.

This skripsi, of course, has its own advantages and limitations. Building critics and suggestions are needed to improve the quality for this skripsi. The best wish is that this skripsi is useful for those who use this skripsi now and future.

Medan, April 2017

Author,

Erika Agustina Simbolon

