Study Motivation: Review Of 58 Research Papers

Lambok P. Sagala

Forestry Vocational School of Pekanbaru, Jl. Suka karya/ Simpang Kualu, Pekanbaru-Riau, Indonesia
Correspondance; Email: lambok.sagala@gmail.com

Abstract

The importance of study motivation has encouraged many stakeholders to conduct evaluation on many issues related to study motivaton. This research was done to see how far evaluation of study motivation has been implemented. The result of this research is expected to be a guideline for the further study. Fifty-eight research papers which were available online used as references. The research found that most of the researchers used likert scale measurement for data collection; data collection used sampling method; most of the researches location are located in West Java province, and students were the main object of the research. There are 3 researches related to study motivation done in Riau Province. This research also revealed that less study done in vocational schools level and the measurement mostly done uncompletely as they have not accommodated all aspects related to motivation (e.g. the research object only limited to students).

Keywords: Study motivation, vocational school, review.

Introduction

One of the key successes in education implementation is study motivation. Motivation is like an engine which will push the students to reach the target. The motivation will encourage the stakeholders to develop innovation and effort to reach their goal. On one hand, in learning process, motivation to achieve satisfied result will stimulate teacher and students work together to achieve the expected academic result. On the other hand, less motivation will negatively affect study result.

The importance of study motivation in education has motivated society to conduct evaluation on issues related to study motivation. The author found that there are more than 50 researches related to study motivation which can be assessed online (available in Bahasa Indonesia). Those researches focus not only information on study motivation level but also many others aspects related to study motivation for example factors influencing study motivation and how to improve it. This paper will provide the result of literature review of previous studies/researches. Beside as a knowledge sources, the result of this research will give a overview on how far the research on study motivation has been done. This information could be used as a guideline for further study.

The objectives of this research are to answer the following questions:
1. How the study motivation was measured
2. How the study motivations research was done at vocational school level and at Riau province
3. What aspects were discussed by the researchers
4. Evaluation of the existing researches

Method

This research used 58 researches related to study motivation. These researches were gained from internet and used many resources. Some of the data found from journals. Tabel 1 shows the summary of each research. For research object, A means students, B teacher, C students and parents, D parents, teacher, and headmaster, E students and teacher. Education level 1 means basic school, 2 Junior High School, 3 High school and equivalent, 4 university/institution.

Results

The results of the research are:
1. Focus of the research consists of 4 main parts; the role of study motivation (27); factors affecting study motivation (24); how to improve study motivation (7); and how to analyze study motivation (1). According to these researches, study motivation play a vital role in improving achievement/performance/study result (26) and attitude (1).
2. The researches related to factors affecting study motivation include: knowledge (1); method/learning strategy (4); study behavior (1); study environment

(2); family (7); anxieties (1); perception on study method (1); self regulation (1); factors affecting motivation (3); online game (1); work or not (1); inteligence (1). The ways to improve study motivation implemented by researches are: team teaching (1); group guidance (1); quantum learning learning method (1); peer (1); integration approach (1); group discussion model (1); and journal implementation (1)

3. Research location are in 19 provinces, West Java (15); Jakarta (9); East Java (5); Riau (3); North Sumatera (3); Aceh (3); West Java (2); South Sulawesi (2); West Sumatera (2); Central Sulawesi (2); North Sulawesi (2); Lampung (2); East Kalimantan (2); Yogyakarta (2); South Sulawesi (1); Bali (1); Jambi (1); West Kalimantan (1); Banten (1).

4. Research subject are: students (51); teacher (1); students and parents (3); parents, teacher, headmaster (1); students and teacher (3)

5. The researches were done at various education levels, those are primary school (8); Junior School (10); High School/Vocational School (22); and university (19). Out of 22 researches done at high school/vocational, 6 of them done at vocational school. Most of the papers (52 out of 54 papers) agree that there is a positive relationship between study motivation and study result, achievement, attitude, motivation improvement effort. On the other hand, 2 other researches revealed that motivation has no significan relation with anxiety level and employement status.

6. Besides motivation, other factors affecting study achievement are study environment, role of parenting style, learning strategy, learning method, presence, emotional intelligence, discipline, interest, IQ, study source, implemented learning model, environmental condition, maturity, teacher performance.

7. In general, there are 2 techniques used for selecting respondent, sensus (14) and sampling (36). For sampling, respondent selection used simple random sampling (8); judgement sampling (1); exhaustive sampling (1); purposive sampling (8); accidental sampling (3); systematic random sampling (1); cluster random sampling (4); proportional random sampling (3); proportional stratified random sampling (1); sampling (1) cluster stratified random sampling (2); non probability sampling (1); multistage sampling (1); proportional sampling (1)

8. Data collection instrument used likert/frequency scale (23); questionnaire(21); interview and observation (1); observation and questionnaire (1); dichotomous (4); questionnaire (2); likert, interview, and daily journal (1); and 6 other researches are unavailable

9. Data processing used Analysis of Variance, Correlation Analysis, Regression, analisis univariate dan bivariate, and desciptively

Discussion

In social science, Likert scale is popular data collection instrument for data related to opinion/personal for example attitude, image, and opinion (Wu, 2007). Likert scale is also the most widely used for the research related to motivation. This can be seen from the data provided in point 3. One of the models which mostly used as a reference for motivation measurement is ARCD model developed by Keller. This model was developed to understand the study motivation effect on learning processes, and to identify and effectively solve problems related to study motivation (Keller, 1987). Questionnaire developed with ARCS used 5 *point likert scale* (Suzuki, et al, 2010). Motivation indicator developed by Abin Syamsudin M (2007) also used *likert scale* (Hamdu dan Agustina, 2011). Kislenko (2008) said that there are 3 aspects related to *Likert scale concept,* those are *Likert scale* also known as *a Likert* (*summated*) *scale*, *Likert item*, and *likert type item*. Furthermore, Kislenko (2008) said that there is no mutual agreement related to statistics method used for processing Likert data. This can be seen from data processing methods which are different from one research with the other. The same thing also applies to *likert type item.* Clason and Dormody (1994) investigated 95 agricultural education journals and analyzed response to *likert type item*. The result showed that 54 % data analyzed descriptively, 13% with *non parametric* and 32 % with *parametric method*. This shows that there are many ways to analyze *Likert-type items*.

Besides above mentioned factors, Fernald and Fernald (1999) in Garliah and Nasution (2005) mentioned that factors influencing study motivation include family and culture, self actualization, gender, recognition, and achievement. Martono and Sulistiowati (2012) said that study motivation is a function of intrinsic factor, teacher quality, weight of course material, lecture method, condition and atmorphere of class room, and library facilities. Sardiman (1994) in Unwanullah mentioned that developing study motivation can be done by using various method, those are: (1) assessment, (2) gift , (3) competition, (4) *Ego-involvement*, (5) conducting test, (6) give the result, (7) give praise, (8) punishment, (9) passion to study, (10) interest and, (11) acknowledged objective.

Conclusion

According to research paper review, likert scale is the most frequently used in study motivation data collection. The research related to motivation at vocational school level which focuses on Riau province is still limited. Research focus is still partial and has not touched overall aspects related to motivation. For example, the research could be done

to see how far students, parents, teacher, influence study motivation and to know the relationship between overall aspect of motivation and study motivation.This shows that assessment on study motivation is still widely opened.

Table 1 Summary of Research Result.

No	Study Focus	Object	Level	Location	Number of Responden (Collection Technique	Method	Analysis Technique
1	Motivation and Teacher Performance	B	3	Pekanbaru	327 (Random)	Likert scale	Correlation analysis and Regression analysis
2	Motivation and Achievement	A	1	Tasikmalaya (West java)	26 (Total sampel)	Likert scale	Deskriptif Korelasi Uji koefisien determinasi
3	Motivation and Attitude	A	4	Salatiga (Central Java)	73 (Judgemental Sampling)	Likert scale	Partial Correlation Analysis/ Analisis korelasi parsial
4	Knowledge and Study Motivation	A	4	Jakarta	84 (Sensus)	Likert scale	Uji korelasi Pearson Product Moment dan Independent sample test
5	Learning Method and Achievement Motivation	A	4	Surakarta (Central Java)	118 (Exhaustive sampling)	Angket	Analysis of variance dua jalan
6	Learning Behaviour and Achievement Motivation	A	4	Semarang	96 (Purposive sampling)	Likert scale	Regresi Linier Berganda Koefisien determinasi
7	Leaning Envrionmenta dn Achievement Motivation	A	3	Keboan (East Java)	30 (Aksidental sampling)	--	Analisis Regresi Linier Berganda
8	Improving Motivation by Team Teaching	A	3	Kebumen (Central Java)	40 (In class research)	Angket	Deskriptif Analisis varians
9	Improving Motivation by Group Guidance	A	3	Semarang	10 (Purposive sampling)	Angket	Analisis Deskriptif (Persentase)
10	Influence of achievement motivation and Role of Parents on Achievement	C	3	Jakarta	82 (Purposive Sampling)	Likert scale	Analisis korelasi sederhana (korelasi product moment dan koefisien korelasi ganda)
11	Influence of Learning Method by Controlling Students Achievement Motivation	A	4	Pekalongan (West Java)	114 (Sensus)	--	Covariant analysis (ancova 1 line)/ analisis kovariant satu jalur
12	Motivation and Learning Strategy on Ability	A	2	Denpasar	160 (systematic random sampling)	Likert scale	Korelasi, korelasi sederhana dan berganda
13	Motivation and Presence on Grade	A	4	Purwokerto (Central Java)	162	Likert scale	Analisis deskriptif, uji prasyarat analisis, uji asumsi klasik, dan analisis regresi berganda, dan uji hipotesis

No	Title			Location	Sample	Instrument	Analysis
14	Motivation and Method on Learning result	A	2	Kendal (Central Java)	116 (sensus)	Angket	Analisis regresi linear berganda
15	Motivation and Learning result	A	4	Jambi	40 (In Class Room Research)	--	Deskriptif
16	Learning Motivation and Emotional Inteligence on Study result	A	3	Palopo (South Sulawesi)	72 (Cluster random sampling)	Angket	Analisis regresi linier dan korelasi sederhana dan ganda
17	Role of Family in Improving Achievement	D	1	Sambas (West Kalimantan)	50 (purposive sampling)	Interview and Observation	Reduction and display data
18	Relationship Between Anxiety and Study Motivation	A	2	Padang	85 (random sampling)	Likert scale	Deskriptif korelasion "The Spearman Rank Order Coefficient Correlation"
19	Improving Mathematical Communication and Motivation Using quantum learning method	A	2	Lhokseumawe	2 kelas (random sampling)	Angket	Statistik deskriptif berupa rata-rata skor
20	Improving Motivation Through Peer Study	A	3	Pekanbaru	65	Angket	Gain Motivasi
21	Relationship between Self Regulation and Achievment looked from metacognition, motivation, and behavior	A	4	Tadulako (Southeast Sulawesi)	59 (cluster random sampling)	Likert scale	Analisis Korelasi
22	Social Status Influence on Study Motivation	A	2	Kabila, Gorontalo (North Sulawesi)	54 (Proportional Random Sampling)	Angket	Uji regresi sederhana
23	Relationship Between Parenting Style, Study Motivation, and Discipline and Achievemnt	A	3	Wonogiri (Central Java)	45 (Total sampel)	Angket	Regresi linier berganda
24	Relationship Between Perception on Study Methdod and Study Motivation	A	3	Pangkalan Kerinci	153 (sampel jenuh)	Likert scale	Analisis regresi sederhana
25	Relationship Between Self regulation and Achievement Motivation	A	3	Semarang	74 (Cluster random sampling)	Likert scale	Analisis regresi sederhana
26	Influence of IQ and Motivation towards Study Result	A	3	Rawamangun	110 (Proporsional random sampling)	Angket	Korelasional > regresi
27	Improving motivation Using Integration Approach	E	3	Kudus (central Java)	PTK	Skala likert, wawancara, jurnal harian	Deskriptif
28	Factors Influencing Motivation	A	4	Jakarta	129 (Cluster stratified random sampling)	Likert scale	Deskriptif dan korelasi spearman
29	Interest and Motivation in Improving Study Result	A	2	Jakarta	137	Angket	Deskriptif
30	Relationship between Inteligence and	A	4	Jakarta	30	Likert scale	Regresi dan korelasi

	Achievement Motivation and Academic Achievement					
31	Relationship between Parents Attention and Motivation	C	2	Padang	81 (proportinal stratified random sampling)	Likert scale	Analisis deskriptif korelasional yaitu analisis Pearson Product Moment (Pearson Correlation)
32	Relationship between Achievement Motivation and Perception on Parenting Style and Study Motivation	A	4	Surabaya	105 (accidental sampling)	Likert scale	Multiple regression
33	Motivasi orangtua dan prestasi	A	3	Bandar Lampung	35 (purposive random sampling)	Observasi, questioner	Korelasi Product Moment
34	Influence of online game on motivation	A	1	Samarinda ilir (East Java)	79 (purposive sampling)	Likert scale	Corelation Product Moment Pearson
35	Influence of Study Environment and Achievement Motivation	A	3	Yogyakarta	60 (purposive sampling)	Angket	Analisis regresi
36	Motivation and Study Result	A	2	Jakarta	39 (sampling)	Likert scale	Korelasi
37	Relationship between Study Motivation and Academic Achivement	A	4	Mojokerto (East Java)	(70) simple random technique sampling	Likert scale	Correlational analytic methods
38	Motivation and Study Result	A	3	Makassar	44 (Total Sampel)	Angket dan dokumentasi	Analisis Inferensial dengan menggunakan analisis korelasi parsial dan regresi ganda
39	Factors influencing Study Motivation	A	4	Aceh	42 (Accidental sampling)	Dichotomous	Distribusi frekuensi
40	Influence Study Motivation and Study Achievement	A	1	Tasikmalaya (West Java)	26	Likert scale	Koefisien korelasi dan uji koefisien determinasi
41	Role of Parenting Style on Achievement Motivation	A	4	Medan	100 (Cluster stratified random sampling)	Kuisioner	Analisis of variance
42	Motivation, Study Attitude, and Study Source and Students Achievement	A	3	Metro (Lampung)	59 (proportionally random sampling	--	Correlation coefficient
43	Influence of Learning Strategy and Achievement Motivation	A	3	Medan	62	Angket	Analisis varians (ANAVA)
44	Motivation Difference between employed and unemployed students	A	4	Samarinda	120 (non pribability sampling)	Angket	*Komparatif kuantitatif*
45	Improving Study result through Motivation and Learning Model	A	2	Gunung Sitoli	PTK	Likert scale	

46	Influence of Realistic Mathematic Learning toward Study result viewed from Study Motivation	A	1	Ciputat, Tangerang	60 (Multistage sampling)	Dichotomous	Two-way anova
47	Parent motivastion, discipline, environmental condition toward academic achievement	C	4	Klaten (Central Java)	40 (Random sampling)	Dichotomous	Analisis kolerasi, dan analisis regresi ganda.
48	Analyzing motivation factors using Lisrel program	A	2	Sukoharjo (Central Java)	120	Angket Motivasi	
49	Relationship between Parents Support and Motivation	A	1	Kawangkoan Kalawat (North Sulawesi)	117 Sensus/Total Sample	Likert Scale	Analisa univariat dan analisa bivariat
50	Improving Study result through Model Group Investigation	E	1	Ampana (Northeast Sulawesi)	15 (Sensus) PTK	--	
51	Motivation and Achievement	A	4	Kediri (East Java)	88 (Simple random sampling)	Kuisioner	Analyzed statistically using "Spearman's Rho" untuk menganalisis hubungan antar variable
52	Influence of Journal Implementation on Motivation	A	3	Blitar (East Java)	78	Angket	
53	Motivation and Achievement	A	3	Makassar	32 (random sampling)	Angket/kuisioner	
54	Inteligence Level and Achivement Motivation	A	3	Jakarta	180	Likert	Analisis regresi berganda
55	Motivation and Achievement	A	1	Kulon Progo (Yogyakarta)	120 (Cluster Sampling dan Random Sampling)	Angket	Analisis regresi linier sederhana
56	Motivation and Achievement	A	4	Kudus (Central Java)	35 (Purposive sampling)	Angket	Analisis korelasi sederhana
57	Study Motivation and Teacher Performance towards Achievement	E	3	Jakarta	50 (Simple random sampling)	--	Analisis regresi berganda
58	Factors related to Motivation	A	4	Aceh	51 Proposional sampling	Dichotomous	Uji Chi-Square

References

Agustina, L., Hamdu, G. 2011. Pengaruh Motivasi Belajar Siswa Terhadap Prestasi Belajar IPA di Sekolah Dasar (Studi Kasus terhadap Siswa Kelas IV SDN Tarumanagara Kecamatan Tawang Kota Tasikmalaya). *Jurnal Penelitian Pendidikan* Vol. 12 No. 1, April 2011

Ajirna, R., Usman., S. 2013. Faktor - Faktor Yang Berhubungan Dengan Motivasi Belajar Mahasiswi D3 Kebidanan Tingkat III STIKES U'budiyah Banda Aceh. *Karya Tulis Ilmiah STIKes U'Budiyah Banda Aceh*

Aliah, N. 2013. Faktor - Faktor Yang Mempengaruhi Motivasi Belajar Mahasiswa Diploma Kebidanan STIKES U'budiyah Sigli

Andartari, Susanti, S., Andriani, V. 2013. Pengaruh Kemampuan Intelektual (IQ) Dan Motivasi Belajar Terhadap Hasil Belajar Siswa Pada Mata Pelajaran Akuntansi Pada SMA Labschool Rawamangun. *Jurnal Pendidikan Ekonomi Dan Bisnis* VOL.1 NO.1

Andriani NS, H. 2011. Hubungan Motivasi Belajar Dan Prestasi Akademik Mahasiswa S1 - Keperawatan Sekolah Tinggi Ilmu Kesehatan Dian Husada Mojokerto. *Jurnal Keperawatan* – Volume 01 / Nomor 01 / Januari 2011 – Desember 2011

Angela. 2013. Pengaruh Game Online Terhadap Motivasi Belajar Siswa Sdn 015 Kelurahan Sidomulyo Kecamatan Samarinda Ilir. *Ejournal Ilmu Komunikasi*, 2013, 1 (2): 532-544

Anggi, I. 2013. Pengaruh Status Sosial Ekonomi Orang Tua Terhadap Motivasi Belajar Siswa Kelas Vii Smp Negeri 1 Kabila Kab.Bonebolango. *Jurnal Penelitian Program Sudi Pendidikan Ekononomi*. Universitas Negeri Gorontalo.

Apranadyanti, N. 2010. Hubungan Antara Regulasi Diri Dengan Motivasi Berprestasu Pada Siswa Kelas X SMK Ibu Kartini Semarang. Ringkasan Penelitian. Universitas Diponegoro.

Arini, N.K.S. 2012. Pengaruh Tingkat Intelegensi Dan Motivasi Belajar Terhadap Prestasi Akademik Siswa Kelas Ii Sma Negeri 99 Jakarta

Aris, M.,F. 2010. Pengaruh penerapan jurnal belajar terhadap motivasi belajar siswa SMK Negeri I Udanawu Blitar. Perpustakaan Digital. Universitas Negeri Malang. http://library.um.ac.id

Aritonang, K. T. 2008. Minat dan Motivasi dalam Meningkatkan Hasil Belajar Siswa. *Jurnal Pendidikan Penabur* - No.10/Tahun ke-7/Juni 2008

Astuti, Wiji, W., Sukardi, FX., Partono. 2012. Pengaruh Motivasi Belajar Dan Metode Pembelajaran Terhadap Hasil Belajar IPS Terpadu Kelas VIII SMP PGRI 16 Brangsong Kabupaten Kendal. *Economic Education Analysis Journal* 1 (2) (2012)

CB, Y. W. I. 2007. Pengaruh Motivasi Berprestasi dan Peran Orangtua dengan Prestasi Belajar Siswa SMU Tarakanita I. *Jurnal Ilmiah Tarakanita* Vol 2:2 (Hal.176)

Clason, D.L., Dormody, T.J. 1994. Analyzing Data Measured by Individual Likert-Type Items. *Journal of Agricultural Education* Volume 35, No. 4.

Dariyo, A. 2004. Pengetahuan Tentang Penelitian dan Motivasi Belajar Pada Mahasiswa. *Jurnal Psikologi* Vol. 2 No. 1, Juni 2004

Darkasyi, M., Johar, R., Ahmad, A. 2014. Peningkatan Kemampuan Komunikasi Matematis dan Motivasi Siswa dengan Pembelajaran Pendekatan *Quantum Learning* pada Siswa SMP Negeri 5 Lhokseumawe. *Jurnal Didaktik Matematika* 1: 1

Daud, F. 2012. Pengaruh Kecerdasan Emosional (EQ) dan Motivasi Belajar terhadap Hasil Belajar Biologi Siswa SMA 3 Negeri Kota Palopo. *Jurnal Pendidikan Dan Pembelajaran*, VOLUME 19, NOMOR 2

Ekawarna dan Irwan. 2010. Motivasi Dan Hasil Belajar Pada Mata Kuliah Permodalan Koperasi Melalui Aplikasi Model Kognitif Gagne. *Makara, Sosial Humaniora, Vol. 14, No. 1, Juli 2010: 17-24*

Febriany, R., Yusri. 2013. Hubungan Perhatian Orangtua Dengan Motivasi Belajar Siswa Dalam Mengerjakan Tugas-Tugas Sekolah. *Konselor | Jurnal Ilmiah Konseling* Vol 2:1. Hal 8-16.

Garliah, L., Nasution, F.K.S. 2005. Peran Pola Asuh Orang Tua Dalam Motivasi Berprestasi. *Psikologia* Volumen 1:1

Gunawan, MA. 2011. Pengaruh Metode Mengajar Dengan Mengontrol Motivasi Terhadap Prestasi Belajar. *Jurnal Universitas Pekalongan*

Gunadi, L., Hasugian, S., Suhartini., Sutrisna, M.Y., Setiawan, S.B., Manurung,E.F. 2012. Hubungan Antara Intelegensi Dan Motivasi Berprestasi Terhadap Prestasi Akademik (Survei : Pada Taruna Jurusan Nautika STIP). Sekolah Tinggi Ilmu Pelayaran

Hamdu, G., Agustina, L. 2011. Pengaruh Motivasi Belajar Siswa Terhadap Pestasi Belajar IPA di Sekolah Dasar (Studi Kasus terhadap Siswa Kelas IV SDN Tarumanagara Kecamatan Tawang Kota Tasikmalaya). *Jurnal Penelitian Pendidikan* Vol. 12 No. 1

Harefa, A.O. 2009. Upaya Peningkatan Hasil Belajar Melalui Motivasi Dan Model Pembelajaran Matematika Di Smp Swasta Masyarakat Damai Gunungsitoli

Hidayat, A.F. 2013. Hubungan Regulasi Diri Dengan Prestasi Belajar Kalkulus Ii Ditinjau Dari Aspek Metakognisi, Motivasi Dan Perilaku. *Jurnal Elektronik Pendidikan Matematika Tadulako, Volume 01 Nomor 01*

Hutapea, F. 2012. Pengaruh Strategi Pembelajaran Dan Motivasi Berprestasi Terhadap Hasil Belajar Membuat Hiasan Busana Siswa Smk Negeri 8 Medan. *Jurnal Tabularasa PPS Unimed* Vol.9 No.2

Karmawan, H., Supriadi, BSEP, D. 2012. Peranan Keluarga Dalam Meningkatkan Motivasi Belajar Siswa (Studi di SD Negeri 22 Mengkudu Kecamatan Teluk Keramat Kabupaten Sambas). *Jurnal Tesis PMIS-UNTAN-PSS-2012*

Keller, J.M. 1987. Development and Use of the ARCS Model of Motivational Design. *Journal of Instructional Development*.

Kholufudin, M. Y. 2010. Upaya Peningkatan Motivasi Belajar dan Hasil Belajar fisika Melalui Pembelajaran Model Team Teaching Pada Siswa Kelas XII IPA 2 SMAN 2 Kebumen ahun Pelajaran 2009-2010. Ringkasan Hasil Penelitian

Kislenko, K., Grevjolm, B. 2008. The Likert Scale Used In Research On Affect – A Short Discussion Of Terminology And Appropriate Analysing Methods.

Kristini, R.E., Mere, F.N. 2010. Hubungan Antara Motivasi Belajar Dengan Prestasi Akademik Pada Mahasiswa Prodi Keperawatan S1 Program A Angkatan I STIKES RS. Baptis Kediri. *Jurnal STIKES RS. Baptis* Volume 3, Edisi 1, Juli, 2010

Mappeasse, M. Y. 2009. Pengaruh Cara Dan Motivasi Belajar Terhadap Hasil Belajar Programmable Logic Controller (Plc) Siswa Kelas Iii Jurusan Listrik Smk Negeri 5 Makassar. *Jurnal MEDTEK*, Volume 1, Nomor 2,

Martono, S., Sulistiowati. 2012. Analisis Faktor-faktor yang mempengaruhi motivasi belajar mahasiswa (Studi kasus di STIKOM Surabaya).

Miru., A. 2009. Hubungan Antara Motovasi Belajar Terhadap Prestasi Belajar. *Jurnal MEDTEK*, Volume 1, Nomor 1, April 2009

Muis, A. 2013. Pengaruh Motivasi Belajar Dan Kinerja Guru Terhadap Prestasi Belajar Siswa Pada Sekolah Menengah Atas Negeri 16 Jakarta

Muliani, E.S. 2013. Perbedaan Motivasi Belajar Antara Mahasiswa yang Bekerja dan Tidak Bekerja Pada Mahasiswa Universitas 17 Agustus 1945

Mustafa, M.N., dan Othman, N. 2010. The Effect of Work Motivation on Teacher's Work Performance in Pekanbaru Senior High Schools, Riau Province, Indonesia. *Jurnal Sosiohumanika 3(2) 2010*

Ni Luh Putri, Jayanti. 2012. Kontribusi Motivasi Belajar dan Strategi Belajar Bahasa terhadap Kemampuan Berbahasa Inggris Siswa Kelas Dua di SMP Dwijendra

Denpasar. *Jurnal Penelitian Pascasarjana Undiksha* Vol.1:1

Ningrum, B.N., Marruchan. 2013. Pengaruh Lingkungan Belajar dan Motivasi Belajar Terhadap Prestasi Belajar Mata Pelajaran Ekonomi Siswa Kelas XI di MAN Keboan Tahun Pelajaran 2012-2013. Sekolah Tinggi Keguruan dan Ilmu Pendidikan. Persatuan Guru Republik Indonesia. Jombang

Nugraheni, F. 2009. Hubungan Motivasi Belajar Terhadap Hasil Belajar Mahasiswa (Studi Kasus Pada Mahasiswa Fakultas Ekonomi UMK)

Nurhidayati, A. 2013. Pengaruh Metode Pembelajaran Dan Motivasi Belajar Terhadap Prestasi Belajar Asuhan Kebidanan Hamil Pada Mahasiswa prodi d-iii Kebidanan STIKES Kusuma Husada Surakarta.

Palupi, D.R., Wrastari, A.T. 2013. Hubungan Antara Motivasi Berprestasi dan Persepsi Terhadap Pola Asuh Orangtua Dengan Prestasi Belajar Mahasiswa Psikologi Angkatan 2010 Universitas Airlangga. Surabaya. *Jurnal Psikologi Pendidikan dan Perkembangan* Vol. 2, No. 01, April 2013

Poerwati, T. 2010. Pengaruh Perilaku Belajar dan Motivasi Terhadap Prestasi Akademik Mahasiswa Akuntansi di Universitas STIKUBANK (UNISBANK) Semarang. Fakultas Ekonomi Universitas STIKUBANK

Pramitasari, A., Indriana, Y., Ariati, J. 2011. Hubungan Antara Persepsi Terhadap Metode Pembelajaran Kontekstual Dengan Motivasi Belajar Biologi Siswa Kelas Xi Ipa Sman 1 Pangkalan Kerinci, Riau. *Jurnal Psikologi Undip Vol. 9, No.1,*

Pujadi, A. 2007. Faktor – Faktor Yang Mempengaruhi Motivasi Belajar Mahasiswa: Studi Kasus Pada Fakultas Ekonomi Universitas Bunda Mulia. *Business and Management Journal Bunda Mulia* Vol 3:2

Putra, Y. S. 2010. Hubungan Antara Motivasi Belajar dan Sikap Mahasiswa STIE AMA Salatiga Dalam Perkuliahan Dengan Stress Sebagai Variabel Kontrol. *Among Makarti*, Vol.3 No.5 Juli 2010

Rohim, A. 2009. Upaya Meningakatkan Motivasi Belajar Matematika Siswa Dengan Pendekatan Integrasi Matematika-Islam Melalui Model Pembelajaran Kooperatif Tipe STAD (Studi Kasus di Kelas XI IPA MA Nahdhatul Muslimin Undaan Kudus). *Skripsi*. Pendidikan Matematikan Universitas Islam Negeri Sunan Kalijaga Yogyakarta.

Sadewo, S., Yufrizal, H. 2011. Sikap, Motivasi Belajar dan Pemanfaatan Sumber Belajar Bahasa Inggris Siswa. *Jurnal Ilmiah ESAI* Volume 5, Nomor 1

Sampurnawati, E. 2014. Upaya Meningkatkan Motivasi Belajar Melalui Bimbingan Kelompok Pada Siswa. *Jurnal Ilmiah Pendidikan Bimbingan dan Konseling*.

Suwarto. 2013. Analisis Faktor Angket Motivasi Belajar Siswa dengan Program Lisrel dan Pemaknaannya. *Jurnal Pendidikan, Volume 22, Nomor 3 Nopember 2013*

Sumiati, Astuti, W.P., Kapile, C. 2014. Meningkatkan Motivasi Belajar Siswa Kelas IV SDN 2 Ampana Pada Mata Pelajaran PKn Melalui Penggunaan Model *Group Investigation. Jurnal Kreatif Tadulako Online* Vol. 2 No. 3

Suzuki, K., Nemoto, J., Goda, Y. 2010. Research Trends related to Keller's ARCS Model: A Review of Literature in Japan.

Tan, J.H., Ismanto, A.Y., Babakal, A. 2013. Hubungan Antara Dukungan Orang Tua Dengan Motivasi Belajar Pada Anak Usia Sekolah Kelas IV Dan V di SD Negeri Kawangkoan Kalawat. *Ejournal keperawatan (e-Kp)* Volume 1. Nomor 1. Agustus 2013

Udiyono. 2011. Pengaruh Motivasi Orang Tua, Kondisi Lingkungan Dan Disiplin Belajar Terhadap Prestasi Akademik Mahasiswa Pendidikan Matematika Universitas Widya Dharma Klaten Semester Gasal Tahun Akademik 2010/2011. *Magistra* No. 75 Th. XXIII Maret 2011

Unwanullah, A. 2010. Arti Pentingnya Motivasi. *Ejournal unirow* (2010)

U. S., Supardi. 2012. Pengaruh Pembelajaran Matematika Realistik Terhadap Hasil Belajar Matematika Ditinjau Dari Motivasi Belajar. *Cakrawala Pendidikan*, Juni 2012, Th. XXXI, No. 2

Usman, T. 2009. Hubungan Motivasi Orang Tua Dengan Prestasi Belajar Siswa Kelas II SMU Yayasan Pendidikan Budaya Bandar Lampung. *Jurnal Kependidikan Triadik,* April 2009 Volume 12, No. 1

Wibowo, S.A., Mustafidah, H., Wicaksono, A.P., Aryanto, D. 2013. Analisis Motivasi Belajar dan Kehadiran terhadap Nilai Kuliah Mahasiswa Menggunakan Teori Kuantifikasi *Fuzzy. Jurnal Informatika* Vol 2: 3

Winarno, B. 2012. Pengaruh Lingkungan Belajar Dan Motivasi Berprestasi Terhadap Hasil Belajar Siswa Kompetensi Keahlian Teknik Otomasi Industri Di Sekolah Menengah Kejuruan Negeri 2 Depok Yogyakarta. *Jurnal Skripsi*. Universitas Negeri Yogyakarta

Widowati, S.N.D. 2013. Hubungan Antara Pola Asuh Orang Tua, Motivasi Belajar, Kedewasaan Dan Kedisiplinan Siswa Dengan Prestasi Belajar Sosiologi Siswa Kelas Xi SMA Negeri 1 Sidoharjo Wonogiri. *Jurnal Penelitian Universitas Sebelas Maret*.

Wijaya, N. R. 2013. Hubungan Antara Motivasi Belajar Dengan Hasil Belajar Siswa Pada Mata Pelajaran PKN Di SMPN 77 Jakarta

Wu, Chien-Ho. 2007. An Empirical Study on the Transformation of Likert-scale Data to Numerical Scores. *Applied Mathematical Sciences*, Vol. 1, 2007, no. 58, 2851 – 2862

Yanti, S., Erlamsyah, Zikra. 2013. Hubungan Antara Kecemasan Dalam Belajar Dengan Motivasi Belajar Siswa. *Jurnal Ilmiah Konseling* vol 2: 1 (2013).

Yennita, Paramitha, S., Sahal, M. 2013. Peningkatan Motivasi Belajar Fisika Siswa Dengan Penerapan Strategi Pembelajaran Tutor Sebaya. http://ejournal.unri.ac.id/index.php/JP/article/download/1556/1531.

Yulianto, I. 2012. Pengaruh Motivasi Belajar Matematika Terhadap Prestasi Belajar Matematika Siswa Kelas V SD Gugus-II Kecamatan Pengasih Kabupaten Kulon Progo Tahun Pelajaran 2011-2012. *Skripsi*. Universitas Negeri Yogyakarta