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# Profitability Analysis of Tata Group of Companies

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Abstract: The study examines the profitability position of Tata group of companies for the period of 10 years. Profitability means ability to make profit for all the business activities. My study is based on secondary data. The study analyzes the profitability of the company with the help of mean, ratios, correlation, and regression analysis.

Keywords: Tata Group, Profitability, Mean, Ratios, 10 Years.

#### I. INTRODUCTION

Finance has become very much important for all the business activities. No business or firm can run without finance. The value of the firm may be considered by taking financial decisions of aspects like profitability and risk finance is the life blood of every business concern. Profitability means ability to make profit for all business, firms and companies. The main process of financial performance is to ascertain the company's current and past condition and also to provide some picture about its future condition. The company cannot run without making any profit for a long period of time. In India, the most of business are under the control of the families. The family business is very popular in India. India has 108 publicly- listed companies are concerned by family – owned business. India has ranked third in list of family – owned business. In family business, the company is controlled and owned by members of single family. Most of the corporate business are run by family concern such as Tata, Ambanis, Brila, Mahindra, Wadia's, Mittals, Godrej, Ranbaxy etc. in a developed economy, the global reach business are undergoing changes and the successful business models. The study has been made about Tata group of companies (Family business) Tata group is one of the global enterprise. The Tata group was established in the year 1868, founded by Jamsetji Tata. It was operated in more than 100 countries. It has focusing on new technologies and innovative business in India and all over the world. Tata group has been operated in more than 150 companies in seven business sectors.

#### II. OBJECTIVES OF THE STUDY

- To study the profitability position of Tata group of companies.
- > To make suggestions for growth and development of the company.

## III. SAMPLE DESIGN

In this study around 10 companies under the family business of Tata group companies. From the Tata group the selected companies for the purpose of research are Tata Chemicals Limited, Tata Metaliks Limited, Tata Tele Services Limited, Tata Consultancy Services, Tayo Rolls Limited, Tata Projects Limited, Tata Coffee Limited, Tata Motors Limited, Tata Steels Limited, Tata Power Limited.

#### IV. DATA COLLECTION AND STUDY PERIOD

In the research study, all the secondary data has been collected from Company's annual report, Journals, Capital line and Websites. The study was covered under the period of 10 years from 2007-2008 to 2016-2017.

#### V. ANALYSIS OF THE STUDY

The data has been collected, analyzed and interpreted to evaluate the financial performance of a Tata group of companies with the help of analyzing standard financial tools. Mean, Ratio Analysis, Correlation Analysis, Regression Analysis.

#### VI. REVIEW OF LITERATURE

- 1. Behzad pagheh (2015) investigated an analytical study of profitability position of tata motors. It indicates the firm has increase and its biggest status. The firm has to reduce the expenses will increase the profitability.
- 2. Priyanka and Manoj kumar (2017) examained the financial analysis as the determinant of profitability in Indian automobile industry The result shows that there is no significant relationship in terms of long term debt and dividend per share.
- 3. Saaikala and balakrishnan (2015) focused that the comparative financial performance about Tata steel and sail steel companies. They analyzed and show the result as both the industries provides an opinion of liquidity position of the company.

#### VII. FINDINGS

#### RATIO ANALYSIS

Ratio analysis is one of the tool for using financial analysis. Ratios are expressed in systematic terms between figures. It is a tools and techniques of analysis and interpret the financial statements. Ratios help in taking various decisions. It helps in determining the company's financial strength and weakness. The ratio can be calculated with the help of company's financial statement, only a few ratios can be calculated in the objectives of analysis.

**GROSS PROFIT RATIO** 

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Rupees in crores

YEAR	TATA	TATA	TATA	TCS	TAYO	TATA	TATA	TATA	TATA	TATA	TOTAL
	CHEMICALS	METALICS	TELE		ROLLS	PROJECTS	COFFEE	MOTORS	STEELS	POWER	
	LTD	LTD	SERVICE		LTD	LTD	LTD	LTD	LTD	LTD	INDUSTRY
			LTD								AVERAG
2007-08	32.35	11.8	18.40	29.87	6.699	6.21	16.58	11.31	40.20	21.22	19.50
2008-09	9.846	-14.90	14.90	24.80	-9.01	6.03	13.02	7.508	34.04	19.83	10.60
2009-10	14.32	6.42	10.80	29.68	-5.952	8.07	18.75	11.03	33.16	24.28	15.10
2010-11	12.05	3.44	35.60	31.56	-18.60	9.44	20.14	7.554	37.16	23.25	16.20
2011-12	12.37	-9.62	1.04	36.88	-25.08	8.34	23.09	5.428	32.44	26.32	11.10
2012-13	12.40	-4.45	-2.42	34.08	-8.222	4.24	24.40	4.451	24.81	21.51	11.10
2013-14	8.384	4.12	1.80	38.08	-34.56	5.39	25.92	3.046	27.91	23.96	10.40
2014-15	10.38	10.90	-0.15	35.26	-38.51	6.67	23.89	-3.78	25.14	25.34	9.51
2015-16	12.10	12.30	3.41	35.87	-111.10	4.46	17.50	6.146	21.09	20.77	2.26
2016-17	17.36	13.30	-57.7	34.14	-180.10	4.59	26.24	-	-	-	-140
AVERAGE	14.16	3.34	2.56	33.02	-42.44	6.35	20.95	5.27	27.6	20.65	9.14

#### INTERPRETATION

It is fluctuating in all the companies. The average ratio of the individual company is high in case of Tcs and low in case of Tayo rolls ltd.

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The overall company average is high in case of, Tata chemicals ltd, Tcs, Tata coffee ltd, tata steels ltd, Tata power ltd and low in case of all other companies.

			OPERATING RATIO Rupees in crores					es			
YEAR	TATA CHEMICALS LTD	TATA METALICS LTS	TATA TELE SERVICE	TCS	TAYO ROLLS LTD	TATA PROJECTS LTD	TATA COFFEE LTD	TATA MOTORS LTD	TATA STEELS LTD	TATA POWER LTD	TOTAL INDUSTRY AVERAGE
2007.00	405.52	277.20	LTD	227.00	116,000	12700.0	122.22	62.021	25.552	20.4.12	1445.2
2007-08	405.53	275.30	-6.64	227.88	116.088	12789.9	132.33	63.031	75.557	394.12	1447.3
2008-09	192.17	-588.10	-8.412	237.35	-163.16	2916.54	99.946	31.106	83.852	416.46	321.77
2009-10	178.69	180.10	-15.71	189.99	-112.38	6552.1	171.53	70.214	568.71	395.55	817.88
2010-11	160.31	90.75	2.6302	255.99	-296.69	8864.69	295.34	57.088	715.62	396.70	1054.2
2011-12	230.20	-72.31	-27.28	371.16	-55.763	7639.51	422.79	195.73	689.35	49.287	944.27
2012-13	252.46	-43.53	-34.72	432.38	-35.419	4191.6	502.36	52.893	521.20	43.176	588.24
2013-14	171.13	30.81	-28.65	943.22	-41.172	4836.54	571.42	65.075	660.09	40.201	724.87
2014-15	250.36	66.77	-31.47	983.15	-27.571	4627.16	54.368	-1229	662.86	37.352	539.38
2015-16	261.44	443.90	-18.33	1171.3	-1528.7	3085.93	34.652	60.774	504.52	28.528	404.41
2016-17	271.84	458.90	-120.5	1200.7	-808.48	5489.38	74.534	-	-	-	656.63
AVERAGE	237.41	84,26	-28.91	601.31	-295,32	6099,34	235,93	-63.33	448.18	180.14	749.90

### INTERPRETATION

It is fluctuating in all the companies. The average ratio of the individual company is high in case of Tata tale service ltd and low in case of Tata metaliks ltd.

The overall company average is high in case of, Tata tele service ltd, Tcs, tata steels ltd, Tata power ltd, Tata steels ltd, Tata coffee ltd and low in case of all other companies.

	OPERATING PROFIT RATIO Rupees in crores												
YEAR	TATA CHEMICALS LTD	TATA METALICS LTD	TATA TELE SERVICE	TCS	TAYO ROLLS LTD	TATA PROJECTS LTD	TATA COFFEE LTD	TATA MOTORS LTD	TATA STEELS LTD	TATA POWER LTD	TOTAL INDUSTRY LTD		
			LTD										
2007-08	33.29	13.88	28.52	29.89	6.6994	7.13	20.87	12.80	44.93	24.15	22,22		
2008-09	12.13	-11.1	30.55	24.84	-9.01	6.63	17.19	10.70	40.16	24.33	14.65		
2009-10	18.13	10.29	26.13	29.72	-5.952	8.58	21.05	14.60	40.55	30.20	19.33		
2010-11	15.23	5.815	51.33	31.62	-18.60	9.92	22.70	10.50	43.06	29.84	20.14		
2011-12	15	-6.91	22.06	36.93	-25.08	9.10	24.53	7.67	38.12	32.33	15.37		
2012-13	14.83	-2.08	19	34.15	-8.222	5.08	25.16	7.55	29.72	28.64	15.38		
2013-14	10.52	6.42	22.49	38.11	-34.56	6.30	26.68	6.99	32.28	33.96	14.92		
2014-15	12.23	13.94	22.35	35.37	-38.51	8.87	25.23	0.66	29.87	38.04	14.81		
2015-16	14.72	15.72	26.41	35.88	-111.10	6.65	18.64	9.64	24.91	33.88	7.537		
2016-17	20.81	16.09	-10.3	34.15	-180.10	6.70	27.33	-	-	-	-8.53		
AVERAGE	16.69	6.21	23.85	33.07	-42.44	7.5	22.94	8.11	32.36	27.54	13.58		

#### INTERPRETATION

It is fluctuating in all the companies. The average ratio of the individual company is high in case of Tata steels ltd and low in case of Tayo rolls ltd.

The overall company average is high in case of, Tata tele service ltd, Tcs, tata steels ltd, Tata power ltd, Tata chemicals ltd, and Tata coffee ltd and low in case of all other companies.

NET PROFIT RATIO Rupees in crores												
YEAR	TATA CHEMICAL S LTD	TATA METALIC S LTD	TATA TELE SERVIC E LTD	TCS	TAYO ROLL S LTD	TATA PROJECT S LTD	TATA COFFE E LTD	TATA MOTOR S LTD	TATA STEEL S LTD	TATA POWE R LTD	TOTAL INDUSTRY AVERAGE	
2007-08	23.5	6.75	-7.365	24.6 5	3.0278	3.22	8.20	7.11	23.85	14.65	10.80	
2008-09	5.41	-14.80	-8.22	20.9 6	-10.15	3.05	5.97	3.98	21.36	12.66	4.02	
2009-10	8.03	4.36	-14.40	24.3 8	-9.066	4.82	9.77	6.40	20.17	13.13	6.76	
2010-11	6.45	1.74	2.219	25.8 6	-22.82	5.87	13.7	3.85	23.36	13.49	7.38	
2011-12	7.34	-8	-20.80	28.8 1	-38.05	5.13	15.5	2.29	19.73	13.66	2.56	
2012-13	7.67	-6.31	-25.01	26.4	-19.03	2.36	15.7	0.67	13.25	10.66	2.64	
2013-14	5.02	3.32	-20.51	28.5 7	-49.41	2.72	16.4	0.98	15.37	11	1.34	

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2014-15	6.33	7.62	-21.27	26.1	-47.72	2.80	14.8	-13	15.41	12.25	0.34
				7							<u> </u>
2015-16	8.10	8.08	-12.06	26.8	-124.4	1.42	9.14	0.55	12.83	8.749	-6.10
				7							
2016-17	11.10	8.23	-87.18	25.5	-196.5	1.85	17.9	-	-	-	-22
				2							
AVERAG	8.90	1.10	-21.46	25.8	-51.41	3.32	12.7	1.28	16.53	11.03	0.78
E				2							

#### INTERPRETATION

It is fluctuating in all the companies. The average ratio of the individual company is high in case of Tcs and low in case of Tata rolls ltd.

The overall company average is high in case of all companies except Tayo rolls and Tata steels ltd.

#### RETURN ON INVESTMEN RATIO

#### Rupees in crores

YEAR	TATA CHEMICALS	TATA METALICS	TATA TELE	TCS	TAYO ROLLS	TATA PROJECTS	TATA COFFEE	TATA MOTORS	TATA STEELS	TATA POWER	TOTAL INDUSTRY
	LTD	LTD	SERVICE LTD		LTD	LTD	LTD	LTD	LTD	LTD	AVERAGE
2007-08	26.58	36.185	62.69	40.97	13.428	25.08	7.225	25.90	17.16	10.70	26.60
2008-09	11.71	-340.40	43.33	34.93	-18.63	26.33	6.157	8.19	17.24	10.60	-20
2009-10	10.15	51.036	44.72	37.17	-14.72	39.11	8.889	15	13.65	8.84	21.40
2010-11	8.617	20.456	-8.09	38.66	-63.58	36.25	13.67	9.05	14.62	8.38	7.80
2011-12	11.89	-74.51	45.64	44.16	-67	24.70	17.24	6.41	12.82	9.90	3.12
2012-13	12.12	-81.34	36.75	39.27	-74.07	12.14	17.86	1.58	9.17	8.36	-1.80
2013-14	7.649	36.536	23.80	41.94	-131.60	12.44	17.65	1.74	10.49	7.27	2.79
2014-15	10.56	44.342	20.73	42.4	-130.20	10.78	14.97	-32	9.659	6.42	-0.20
2015-16	8.239	113.36	8.99	35.49	46.166	6.709	8.307	1.05	6.954	4.82	24
2016-17	7.822	56.014	39.88	30.32	19.626	10.83	15.52	ı	-	-	18
AVERAGE	11.53	-13.84	31.84	38.53	-42.06	20.44	12.75	3.70	11.18	7.53	8.16

#### INTERPRETATION

It is fluctuating in all the companies. The average ratio of the individual company is high in case of Tata metaliks ltd and low in case of Tata tele service ltd.

The overall company average is high in case of, Tata tele service ltd, Tcs, tata projects ltd, Tata coffee ltd, Tata chemicals ltd, and low in case of all other companies.

#### RETURN ON EQUITY CAPITAL RATIO

# Rupees in crores

YEAR	TATA CHEMICALS LTD	TATA METALICS LTD	TATA TELE SERVICE LTD	TCS	TAYO ROLLS LTD	TATA PROJECTS LTD	TATA COFFEE LTD	TATA MOTORS LTD	TATA STEELS LTD	TATA POWER LTD	TOTAL INDUSTRY AVERAGE
2007-08	405.53	275.3	-6.64	2279	116.088	1279	132.12	526.3	75.557	394.12	547.61
2008-09	192.17	-588	-8.412	2374	-163.16	291.65	99.786	194.8	83.852	416.46	289.25
2009-10	178.69	180.1	-15.71	1900	-112.38	655.21	171.25	392.6	568.71	395.55	431.4
2010-11	160.31	90.75	2.6302	2560	-296.69	886.47	294.86	285.5	715.62	396.7	509.6
2011-12	230.2	-72.3	-27.28	3712	-55.763	763.95	422.11	195.7	689.35	492.87	635.04
2012-13	252.46	-43.5	-34.72	4324	-35.419	419.16	501.55	47.3	521.2	431.76	638.36
2013-14	171.13	30.81	-28.65	9432	-41.172	483.65	570.5	51.96	660.09	402.01	1173.3
2014-15	250.36	66.77	-31.47	9832	-27.571	462.72	543.68	-736	662.86	373.52	1139.6
2015-16	261.44	443.9	-18.33	11713	-1528.7	308.59	346.52	34.49	504.52	285.28	1235.1
2016-17	271.84	458.9	-120.5	12007	-808.48	548.94	745.34	-	-	-	1310.3
Average	237.41	84.26	-28.91	6013	-295.32	609.93	382.77	99.24	448.18	358.83	790.95

#### INTERPRETATION

It is fluctuating in all the companies. The average ratio of the individual company is high in case of Tcs and low in case of Tata tele service ltd.

The overall company average is high in case of Tcs, and low in case of all other companies.

		EA	RNINGS	PER SH	ARE		Rupees in	crores			
YEAR	TATA CHEMICA LS LTD	TATA METALI CS LTS	TATA TELE SERVIC E LTD	TCS	TAYO ROLL S LTD	TATA PROJEC TS LTD	TATA COFFE E LTD	TATA MOTOR S LTD	TATA STEEL S LTD	TATA POWE R LTD	TOTAL INDUSTR Y AVERAG
											E
2007-08	405.53	275.30	-6.64	227.8 8	116.08 8	12789.9	132.33	63.031	75.557	394.12	1447.3
2008-09	192.17	-588.10	-8.412	237.3 5	- 163.16	2916.54	99.946	31.106	83.852	416.46	321.77
2009-10	178.69	180.10	-15.71	189.9 9	- 112.38	6552.1	171.53	70.214	568.71	395.55	817.88
2010-11	160.31	90.75	2.6302	255.9 9	- 296.69	8864.69	295.34	57.088	715.62	396.70	1054.2
2011-12	230.20	-72.31	-27.28	371.1 6	- 55.763	7639.51	422.79	195.73	689.35	49.287	944.27
2012-13	252.46	-43.53	-34.72	432.3 8	- 35.419	4191.6	502.36	52.893	521.20	43.176	588.24
2013-14	171.13	30.81	-28.65	943.2 2	- 41.172	4836.54	571.42	65.075	660.09	40.201	724.87
2014-15	250.36	66.77	-31.47	983.1 5	- 27.571	4627.16	54.368	-1229	662.86	37.352	539.38
2015-16	261.44	443.90	-18.33	1171. 3	- 1528.7	3085.93	34.652	60.774	504.52	28.528	404.41
2016-17	271.84	458.90	-120.5	1200. 7	- 808.48	5489.38	74.534	-	-	-	656.63
AVERAG E	237.41	84.26	-28.91	601.3	295.32	6099.34	235.93	-63.33	448.18	180.14	749.90

#### INTERPRETATION

It is fluctuating in all the companies. The average ratio of the individual company is high in case of tata projects ltd and low in case of Tayo rolls ltd.

The overall company average is high in case of Tata projects ltd and low in case of all other companies.

# VARIABLES ASSOCIATED WITH PROFITABILITY CORRELATION ANALYSIS

<b>VARIABLES</b>	BR	LEVERAGE	LIQUIDITY	TDC	WCTOR	DTOR	CI
COMPANY							
TATA	-0.690*	0.324	-0.44	-0.322	0.056	-0.202	0.102
CHEMICALSLTD	(0.027)	(0.361)	(0.331)	(0.365)	(0.877)	(0.575)	(0.780)
TATA	0.628	-0.841**	-0.580	0.486	0.177	0.355	-0.242
METALIKS LTD	(0.052)	(0.002)	(0.079)	(0.155)	(0.625)	(0.314)	(0.501)
TATA TELE	-0.714*	-0.402	0.025	0.302	0.190	0.474	-0.189
SERVICE LTD	(0.020)	(0.249)	(0.945)	(0.397)	(0.600)	(0.166)	(0.601)
TCS	0.037	0.291	-0.168	-0.456	-0.322	0.587	-0.615
	(0.919)	(0.414)	(0.644)	(0.185)	(0.365)	(0.075)	(0.059)
TAYO ROLLS	0.350	-0.781**	-0.617	0.189	-0.328	-0.663*	-0.665*
LTD	(0.3220	(0.008)	(0.057)	(0.601)	(0.355)	(0.037)	(0.036)
TATA	-0.754*	-0.623	-0.398	0.643*	-0.482	-0.398	-0.823**
PROJECTS LTD	(0.012)	(0.054)	(0.254)	(0.045)	(0.159)	(0.254)	(0.003)
TATA COFFEE	-0.908**	-0.753*	0.069	0.721*	0.214	-0.371	-0.860**
LTD	(0.000)	(0.012)	(0.851)	(0.019)	(0.554)	(0.292)	(0.001)
TATA MOTORS	0.027	-0.293	0.466	0.296	-0.538	0.396	-0.289
LTD	(0.942)	(0.412)	(0.175)	(0.406)	(0.109)	(0.257)	(0.418)
TATA STEELS	0.676*	0.941**	0.727*	0.625	0.056	0.819**	0.706*
LTD	(0.032)	(0.000)	(0.017)	(0.053)	(0.878)	(0.004)	(0.023)
TATA POWER	0.302	0.517	0.789**	0.884**	0.282	0.749*	0.412
LTD	(0.396)	(0.126)	(0.007)	(0.001)	(0.430)	(0.013)	(0.237)

<sup>\*\*</sup>significant @ 1% level

Figures in parenthesis are r<sup>2</sup> value d.f-2

#### INTERPRETATION

• The above table shows the results of correlation with respect to profitability of Tata group of companies

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• In case of tata chemicals ltd, the variables found correlated with business risk (-0.690) at 5% level and negative relations.

<sup>\*</sup> significant @ 5% level

- In case of tata metaliks ltd shows that only leverage (-0.841) is correlated negatively.
- Business risk (-0.714) are found to be negatively correlated in case of tata tele service ltd.
- There is no significant relations are correlated in case of tcs.
- Leverage (-0.781), debtors turnover (-0.663), capital intensity (-0.665) are found negatively correlated in case of tayo rolls ltd.
- In case of tata projects, business risk, total debt and capital intensity which all are found to be negatively correlated axcept total debt.
- In case of tata coffee ltd, there is a significant relations between business risk, leverage and capital intensity. Total debt is the highest value and positive relation.
- Tata motors ltd are found have no relations to be correlated.
- In case of tata steels ltd, business risk leverage, liquidity, debtors turnover and capital intensity are found to be
  positively correlated.
- Liquidity, total debt and debtor's turnover are found to be positively correlated in case of tata power ltd.

#### VARIABLES ASSOCIATED WITH PROFITABILITY REGRESSION ANALYSIS

VARIABLES	A	BR	LEVERAGE	LIQUIDITY	TDC	WCTOR	DTOR	CI	$\mathbb{R}^2$
COMPANY									
TATA	81.209	-18.710	-2.340	-3.406	-40.426	-0.296	-0.030	4.190	0.987
CHEMICALSLTD	(1.236)	(-4.252)*	(-0.089)	(-0.905)	(-0.710)	(-0.382)	(-0.362)	(0.550)	
TATA	220.100	29.253	-57.309	-56.103	-4.015	0.505	0.364	111.566	0.892
METALIKS LTD	(0.600)	(0.562)	(-2.005)	(-0.429)	(-0.990)	(0.417)	(0.165)	(0.220)	
TATA TELE	-128.358	-2.275	-5.934	307.246	-1.332	30.176	1.037	2.907	0.984
SERVICE LTD	(-0.926)	(-3.594)	(-1.796)	(4.812)*	(-1.196)	(4.537)*	(0.563)	(1.037)	
TCS	225.069	26.200	-294.023	-3.696	-1.994	0.285	0.170	-41.505	0.924
	(0.962)	(0.593)	(-1.061)	(-0.501)	(-0.979)	(0.107)	(1.372)	(-1.142)	
TAYO ROLLS	208.162	1.915	-14.129	-76.768	-0.069	1.897	-2.308	-10.597	0.985
LTD	(4.857)*	(0.185)	(-1.661)	(-1.562)	(-5.255)*	(1.033)	(-4.945)	(-0.345)	
TATA	-302.431	-9.739	242.514	6.977	3.582	-0.45	0.026	-76.159	0.971
PROJECTS LTD	(-2.879)	(-2.728)	(3.522)	(0.166)	(3.178)	(-1.835)	(0.141)	(-0.924)	
TATA COFFEE	-166.669	-17.009	187.544	0.666	2.688	-3.235	0.029	-31.434	0.988
LTD	(-1.546)	(-2.398)	(2.000)	(0.097)	(2.141)	(-1.186)	(0.304)	(-3.285)	
TATA MOTORS	-0.216	0.225	-31.662	-41.254	-0.018	-0.417	2.906	-9.801	0.963
LTD	(-0.036)	(0.304)	(-1.879)	(-1.936)	(-0.028)	(-2.052)	(3.642)	(-0.290)	
TATA STEELS	0.056	-12.694	45.197	-2.860	0.391	-0.016	0.057	-4.663	0.949
LTD	(0.023)	(-1.395)	(1.779)	(-0.910)	(1.113)	(-0.362)	(0.076)	(-0.736)	
TATA POWER	0.035	-2.713	9.913	1.388	0.162	-0.009	-0.037	-0.048	0.979
LTD	(0.035)	(-1.919)	(2.980)	(0.847)	(2.931)	(-0.383)	(-0.925)	(-0.027)	

<sup>\*\*</sup>significant @ 1% level

Figures in parenthesis are 't' value

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### The above table shows the result of regression co-efficient with respect to profitability of tata group of companies.

In case of Tata chemicals ltd, the variability business risk (-4.252) is found significant at 1% level and is negatively relation.

In case of Tata Tele service ltd the variables associated includes liquidity and working capital is found significant at 1% level and is positively relation.

In case of Tayo rolls ltd the variables associated includes total debt and debtors turnover is found significant at 1% level and is negatively relation.

 $R^2$  value of various companies taken for study shows that in all Tata group of companies, the variables selected determine profitability to the extent of above 95% except in Tata metaliks ltd where the level is 89%.

ROA= A +  $\beta_1$  BR<sub>+</sub>  $\beta_2$  LEVERAGE+  $\beta_3$  LIQUIDITY+  $\beta_4$  TDC+  $\beta_5$  WTOR+  $\beta_6$  DTOR +  $\beta_7$  CI+ E

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<sup>\*</sup> significant @ 5% level

#### VIII. CONCLUSION

Now India stands growing among the global economies. In a global economy family business is very important and increasing certain percentage of countries gross domestic product. The study found that profitability position is satisfied with all the companies except Tayo rolls ltd, Tata Tele service ltd and Tata power ltd.

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