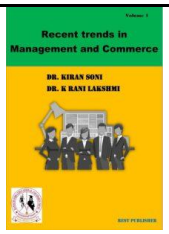
Recent trends in Management and Commerce
Vol: 1(2), 2020
REST Publisher
ISBN: 978-81-936097-6-7
Website: http://restpublisher.com/book-series/rmc/



Performance of Transport Companies using SPSS Statistical Analysis

Gavade Deepak Murlidhar
SSt College of Arts and Commerce, Maharashtra, India.
Email: deepakgavade@sstcollege.edu.in

Abstract

A transport company is a from place-to-place A carrier of goods is the firm, which is the production value Important in the chain. Our content Effective, accurate and safe We have been able to confirm that there is We are doing everything. A transport company is from one place to another Carrying goods An entity is, it produces value Important in the chain. Our content Effective, accurate and safe We have been able to confirm that there is We are doing everything. Incidentally, on our website Inappropriate comment while browsing If you find it, let us know Use this form to let us know, We'll deal with that soon. Forgot your password Take it back. Transport Sector is people or things Provides moving services A variety of companies, as well Transport infrastructure. Technical Technically, transportation is Global industry classification of Industry as per Standard (GICS). is a subgroup. Department of Transport Logistics and Aviation, Airlines, Sea, Road and Rail and Transport Infrastructure It has many industries including These industries include aviation and Logistics, Airlines, Seaways, Railways, Trucks, Airport services, roads and Railways and Ports and of maritime services are divided into subsidiary industries. Except for railroads, in Code Now airlines, Trucks, Shipping, Delivery services and logistics are included. Oil prices A major factor in transportation is, Because the cost of raw materials is generally high Affects transportation costs.

Keywords: Transport Companies, SPSS analysis.

Introduction

A transport company is Its own for transportation or leased vehicles Delivery or consignment or air express services Any company that offers indicates. Transportation services are provided by the air, rail, truck, and water transportation industries, along with ground passenger, pipeline, postal, courier, and courier transport services, as well as warehousing and storage services.Transport in India Corporations are the global economy Much depends, a constant and A healthy economy is productive Publications, commodity trading, leisure Time travel activities and consumers and increase business spending can Fuel and Labour Some expenses are fixed like cost, To run the transport business smoothly, Every individual is the global economy To be strong Focus on activities. Economy in buying large companies and provide comprehensive services Enjoy the ability. local or serving regional areas Small companies by doing Can compete. American industry Fragmented: 50 largest companies 40 percent of the industry revenue create with transportation services Large scale industries are aviation companies, trucking, railroads, Water transport, transport and land Passenger transport and pipeline dealing with sectors like transport. Other services include scenic and Tourist transport, Operations of the air and sea ports, the postal service, couriers, and warehousing and storageTransportation support activities such as storage including DHL its reliable services And because of the reliability factor It has been ranked first in the country. DHL air transport, road transport, By sea transport and rail Provides fast delivery services. Demand for transportation services When more, its Impact Transportation Companies Quarterly reflected in the reports. Low A lot of energy costs transport To drive the stock price of companies Become a factor, but Influence can also be modified.

Transport Companies

Competition of transport companies Benefits include human resources To understand the impact, a systematic approach is required and For internal and external factors Attention should be paid. of the company A strategy in the internal environment While conducting analysis, labor Strengths and weaknesses related to relationships and external environmental factors Determination is important. Any The success of the company is the employee Management and strategic business Objectives depend on the ways in which they are coordinated [1]. The transport sector has long been a CO2 emitter and consequently climate As a key contributor to change Approved, but this To reduce emissions in the field Attempts were not very successful. This Within efforts, public transport Organizations are social, environmental and ecological Pure to maximize benefits By implementing products To improve management practices are trying These procedures CO2 of transport emissions In order to reduce, traffic To promote greater equality, Consumer's well-being and lifestyle They also help improve quality. To pursue these goals Learned from attempts One of the lessons is from transportation To stabilize CO2 emissions, Behavioral changes are essential [2]public transportation providers certain structural, institutional, and

economic variables They may be high level, which justifies subsidies. promotion Cost-based methods are preferable. More predominates is based compensation. Historically, public transportation via bus Community-level consideration is given before rail transportation There was a public local train with responsibility for Federal State Railways. Regionalization to 16 federal states underwent change in 1994. On public transportation, the low cost coverage is around 40%, with bus service performing somewhat better than train service. combining bus and rail transportation extremely regulated especially regional transportation It's challenging to obtain bus licenses[3]. Transport companies mostly In Enterprise Security Management (OSM) Not paying attention. In OSM By focusing on their Driving at work In improving the safety of persons A large and often Unused road safety There is a possibility. In European countries Road traffic in Firms are often small, However, time, financial resources and of efficiency in road safety Basically limited resources have of the present article Main objective is small road OSM for transport companies Formulating strategy [4]. In the context of joint order sharing, For partnership transport companies Improve load transitions between Ability based Suggest a technique. The problem studied is as follows Let's describe. N independent transportation Organizations I to each mi There are customer orders, They are in a specific place to be taken or should be abandoned. partnership Inter-company order A sequence of transfers Its purpose is to identify [5]. In transport companies State of 3PL Development Issues of sources based on criteria Analysis is done. Brief According to evaluation scores, 3PL Service improvement opportunities, Criteria affect the list. The order of priority is each of points given for the criterion based on numbers This is their importance Expressed as a percentage. of experts Following the survey, received Assessment tools are statistical are processed systematically. Pairwise Comparative method is used [6]. For developing countries, Organizations Importance of Logistics Recognizing and accepting, the last few Much attention has been paid to this area over the years have started paying. Transportation It is very important for companies, Because of the naval structure, personnel, and supervisors in subsystems It is crucial to think about. Because they are in demand for the position of a logistics provider, the transport businesses have a positive impact on performance, correct for rapid and high-quality decision making.Occur because they are necessary Low quality service Be sure to check the cost [7]. Provide transportation services Passenger transportation for companies The sector makes high demands. Increasing competition in the environment Unfavorable changes in the European Union Regulations are being introduced gradually Additional charges as a result Deployed infrastructure Automobiles and parking spots Train Stations and Bus Stops both complementary servicesConsumer expectations on delivery A growing wireless network Availability, introduction of electronic ticketing as well as basic transportation Postulates travel time, Convenience, cost and safety Implementation is transportation Organizational performance of organizations Strive to achieve [8]. Current job, work climate Perception, educational level and age variables of directly One's social responsibility at work Whether it affects perspective Considering, leading CSR What can affect attitudes Marz to understand that Expanding the model. North American By Energy Transport Corporation of employed frontline personnel A case based on survey The study is presented. This study To poll a sample population Improved survey tool and uses the method [9]. records, "professional secrets" and their daily work Upgradable tools and Advice on inventions How taxi drivers by They share tacit knowledge. 2011 to 2013 Among the taxi drivers till the beginning Knowledge transfer was rare The results are easy revealed; au contraire Starting in 2013, Blogs, social on smartphones Networks and Communication For rapid deployment of applications Thanks, available tools and Exchange of knowledge The opportunities increased dramatically [10]. Transportation in various countries and Manage transport companies of rules and regulations Because of that, strategic alliances Transport historically An internationalizing for companies The reason is for transportation abroad To access domestic networks need to Hence, transportation Companies, usually other transportation Strategic alliances with companies They have a history of making, growing and breaking [11]. As founders of companies in the area of many travel agencies To assess the cities in Choice of transport companies were made. Prepared Based on the analysis results, Large Czech cities and Traffic in cities Organizations in the mass travel system of various modes of transport in Use less of the mixture We have achieved efficiency We consider The Czech capital of Prague Only one transport company Runs the tunnel, ie, Of this type of public transport Specific in terms of warranty It works with requirements. Nevertheless, Its inclusion in the analysis is total did not affect the results, so Sec of the Republic's transportation businesses the assessment of economic performance When performing, we may function as a cohesive team[12]. Accurate to potential customers and easily accessible information The investment to deliver is almost In all industries An important for companies Policy has become instrumental. Generally scheduled services Providing public transport Companies are no exception because Better information is public for consumers Typical of transport journeys Reduces costs. This general Charges at cost, at bus stop Or the waiting time at the train station costs and than desired Early or late Arrival Schedule Includes late fees [13]. By quoting the Charter, In the case of international services, Delays or will be done abroad Company for customer services in which no liability is assumed That is expressly stated However, it works internationally A modern transport company At the customer service level Related foreign traffic Collaborate with companies. The agent may have explained to the caller [14]. Public transport services Stakeholder involvement in delivery Also for a transport company and to its various stakeholders What level of relationships is required between is the main stakeholder, the passenger Necessary to meet requirements. As a result, better for travelers To provide service, municipal government, public transportation company, and state road maintenance service the connections betweenvery important. General In managing transport companies Government Institutions and Municipalities that play an important role It must be stressed. administrative Group influence and municipality From budget to organization By subsidizing, the key As partners, legal instruments and State by regulations and municipalities Organizations influence them. So, public transport companies Keep this uniqueness in mind while managing It is very important to have [15]. The business owners of these companies Formulating development strategies To increase the value of the company by What supports that value is trying And they also run Want to know. In this investigation, of firms that deliver goods via road a nonmonetary factor that influences value Financial drivers and drivers Identified as the most significant after analysis. Methodological strategy and service proposed

improving stakeholders and quality Increasing the degree of fulfilmentIn addition, investors of the company Increasing attractiveness and overall Increasing business sustainability By companies their Helps manage resources [16]. Transport companies, of course, ecological or financial and Their handling of the economic situation have their own specifications. A Economics of transport company Status, changing circumstances Determine such future corporate development, and analysis should be done to make predictions. There are many different methods for analysis, and artificial neural networks are a very interesting and practical tool. Using this, Sec Transport operated in the Republic Cluster analysis of firms The aim of this article is to [17]. Urban public transport Firms are sustainable cities In the concept of logistics can make a significant contribution. Urban public transport of customers about companies Opinion and satisfaction is theirs With increased use of services may be related. Urban Preference for public transport of private car transport Reduces usage,it is durable. connected to the pillar of the environment. offered to clients The calibre of the service is [18]. All traffic in the model Firms also reduce returns to scale. Cumulative of earnings for scale Rating is 0.9. Businesses, government-run organisations, and for nationalisedThe values are 0.8, 0.96 and 0.9 respectively. Regarding technological change Up to, of the companies in the sample Technical for all three groups We notice the backlash. Cumulative of technological backwardness The annual rate is 3.7 percent Other things not changing, year because oftechnological lag Expenditure growth rate Government transport Units operated by departments Maximum, 9.1 percent, and Fewer nationalised units, 2.4%, while it is 3.7 percent for businesses[19]. of our mobile ticket protocol Strength is each other For two untrusted companies Cheap and embodied by a wide range of devices took Proximity Ticket This is one way to do it Provides, it is a good protection Confirm the position, described earlier Solves common problems. Existing infrastructure approx Keeping unchanged, local SE owners of transport companies A very expensive partnership Unburdening and of current smartphone users First the corresponding percentage Instant delivery from day one [20]

Number of Vehicles: Therefore, the fourth criterionvehicle maintenance costsis the most crucial. The second is the most significant: Staffing costs for transportation A related sixth criterion is the third most significant criterion, followed by the number of runtimes connected to the number of drivers, which takes fourth place, and fifth in terms of total kilometres, compared to the other criteria. Following that, total cars occupied by number takes sixth position, Seventh place overall at the same time Occupied by fuel costs per kilometer.

Number of Drivers: Drivers are always full Also the face of the team, often They are also being the voice. They are theirs They represent the teams for the fans, And their battles are on the way are encouraged. For each team There should be two drivers, Drivers are always full Both drivers by their teams to win Supported in every way. Our estimates are BLS, Census and Current employment data Checked against . For detailed research and analysis Then, Zippy's data science team Found: Present in USA 2,224,619 drivers are employed. 17.0% of all drivers are female, 83.0% are male.

Number of Operating Hours: The profitability ranking is third most crucial. The scale that indicates is the tenth. The fourth position will then move Fuel per totalkilometer Occupied by expenses, Fifth place overall drivers Occupied by number. This is Runtimes Number is followed by Total Transported Volume and Total distributions count. Total number of vehicles Ninth in total travelled 10th in kilometers has The CRITIC approach For the company TC1 and TC2, the weighted criteria valuescalculating separately, two Consider companies as well Weight of criteria withValues were calculated.

Vehicle Maintenance Cost: The most crucial standard for TC2 The profit is also affected by vehicle maintenance expenses and staffing costs for transport. Fourth most drivers are listed one kilometre away and present Fifth on the list of expenses is fuel. Locations Vehicle count overall and runtimes Same by number of occupied The number of distributions at the time occupied eighth position overall. Following below is the total distance travelled in kilometres and The final figure is the total amount of cargo moved. of two businesses weighted averages of the criteria If also noted together Maintenance of the vehicle is a significant factor. Costs are second only to staffing costs for the transportation industry.

Fuel costs Per Kilometers Traveled: In this fuel cost calculator, You have monthly operating expenses Check and compare. A Petrol, Diesel Or daily, monthly of CNG car and annual fuel costs Others of different fuel types Compare it to a car. unit or Petrol, Diesel or CNG price per litreAnd you from the vehicle Expected approximate mileage.

Transport Staff Costs: For total kilometers travelled In a comparison examination of this indicator's gasoline prices, Just go in. No discernible difference in value existed.However, of transport workers As for the costs, for companies A big difference between obvious. of Transport Staff A large difference in costs, Among others, of employed drivers Because of the large difference in numbers Affected. TC1 in 2016 Company 90% higher costs While having, the costs are huge The difference was recorded.

Total Number of Deliverie: worth of the criterion Only the decimal point separates the fourth position from the fifth, which is quite close. Distributions in total come in sixth. occupied by a lot of runtimes concurrently The digit is seven. The number of cars is followed by the number of drivers and the total distance travelled. The scoring system comes last.

Quantity Transported: seventh, eighth, and sixth Place-specific criteria weighting The differences between the fourth and fifth numbers are solely in the decimal place. Total automobiles come in sixth. The seventh and eighth positions are occupied by the number of drivers and the number of runs, respectively. In proportion to the overall volume of transportation In ninth position is the eighth scale, and in tenth place is the total number of deliveries, which represents the seventh dimension.

Kilometers Traveled: Compared to other factors, the overall number of miles travelled The quantity is five. Following that, the sixth-place total in terms of the number of cars was occupied. total weight moved and overall Deliveries made and revenue The linked requirement comes last.

Profit: 10th-scale indicator of profitability Obviously the most significant. Vehicle maintenance costs and the overall number of vehicles come next. It is second, respectively. In terms of total kilometres, fuel prices currently occupy the sixth spot. based on the number of drivers in use, fourth place, and fifth place. Occupied by the cost of the transportation personnel.

TABLE 1. Reliability Statistics

Reliability Statistics		
Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.505	.923	10

Table 1 shows the Cronbach's Alpha Reliability result. The overall Cronbach's Alpha value for the model is .505 which indicates 50% reliability. From the literature review, the above 92% Cronbach's Alpha value model can be considered for analysis.

TABLE 2. Reliability Statistic individual

Item-Total Statistics	
	Cronbach's Alpha if Item Deleted
Number of Vehicles	0.511
Number of Drivers	0.511
Number of Operating Hours	0.493
Vehicle Maintenance Costs	0.437
Fuel costs Per Kilometers Traveled	0.511
Transport Staff Costs	0.297
Total Number of Deliverie	0.511
Quantity Transported	0.502
Kilometers Traveled	0.552
Profit	0.44

Table 2 Shows the Reliability Statistic individual parameter Cronbach's Alpha Reliability results.Number of Vehicles 0.511, Number of Drivers 0.511, Number of Operating Hours 0.493,Vehicle Maintenance Costs0.437, Fuel costs Per Kilometers Traveled 0.511, Transport Staff Costs 0.297, Total Number of Deliverie 0.511, Quantity Transported 0.502, Kilometers Traveled 0.552, Profit 0.44 This indicates all the parameter can be considered for analysis.

TABLE 3. Descriptive Statistics

Descriptive Statistics													
	N	**Range**	**Minimum**	**Maximum**	**Sum**	**Mean**		**Std. Deviation**	**Variance**	**Skewness**		**Kurtosis**	
	Statistic	**Statistic**	**Statistic**	**Statistic**	**Statistic**	**Statistic**	**Std. Error**	**Statistic**	**Statistic**	**Statistic**	**Std. Error**	**Statistic**	**Std. Error**
Number of Vehicles	8	31	27	58	331	41.38	3.770	10.663	113.696	-.021	.752	-1.009	1.481
Number of Drivers	8	31	30	61	345	43.12	3.875	10.960	120.125	.138	.752	-.829	1.481
Number of Operating Hours	8	73000	73000	146000	833200	1.04E5	9173.078	25945.382	6.732E8	.116	.752	-.946	1.481
Vehicle Maintenance Costs	8	257401	248505	505906	3089020	3.86E5	3.551E4	100435.857	1.009E10	-.344	.752	-1.122	1.481
Fuel costs Per Kilometers Traveled	8	.25	.42	.67	4.09	.5112	.03136	.08871	.008	.951	.752	-.214	1.481
Transport Staff Costs	8	1265264	925000	2190264	1.E7	1.63E6	1.652E5	467169.043	2.182E11	-.682	.752	-.929	1.481
Total Number of Deliverie	8	1762	2168	3930	26204	3275.50	212.265	600.375	3.605E5	-.774	.752	.020	1.481

Quantity Transported	8	35240	43360	78600	523810	6.55E4	4248.823	12017.487	1.444E8	-.762	.752	-.011	1.481
Kilometers Traveled	8	2976000	2880000	5856000	3.E7	4.23E6	3.555E5	1005452.563	1.011E12	.038	.752	-.556	1.481
Profit	8	534064	-205389	328675	1500505	1.88E5	6.418E4	181519.595	3.295E10	-1.708	.752	2.991	1.481
Valid N (listwise)	8												

Table 3 shows the descriptive statistics values for analysis N, range, minimum, maximum, mean, standard deviation.
Number of Vehicles, Number of Drivers, Number of Operating Hours, Vehicle Maintenance Costs, Fuel costs Per Kilometers Traveled, Transport Staff Costs, Total Number of Deliverie, Quantity Transported, Kilometers Traveled, Profit this also using.

TABLE 4. Frequency Statistics

Statistics											
		Number of Vehicles	**Number of Drivers**	**Number of Operating Hours**	**Vehicle Maintenance Costs**	**Fuel costs Per Kilometers Traveled**	**Transport Staff Costs**	**Total Number of Deliverie**	**Quantity Transported**	**Kilometers Traveled**	**Profit**
N	Valid	8	8	8	8	8	8	8	8	8	8
	Missing	0	0	0	0	0	0	0	0	0	0
Median		44.50	46.00	111000.00	405066.50	.4850	1777308.00	3368.50	67235.00	4416000.00	2.60E5
Mode		27[a]	30[a]	73000[a]	248505	.42[a]	925000[a]	2168[a]	43360[a]	2880000[a]	-2.E5[a]
Percentiles	25	30.50	31.00	75750.00	272591.75	.4425	1101656.25	2920.50	58410.00	3175000.00	1.02E5
	50	44.50	46.00	111000.00	405066.50	.4850	1777308.00	3368.50	67235.00	4416000.00	2.60E5
	75	47.75	49.00	119100.00	484623.25	.5900	1988201.75	3804.75	76095.00	4851000.00	3.12E5
a. Multiple modes exist. The smallest value is shown											

Table 4 Show the Frequency Statistics in Number of Vehicles, Number of Drivers, Number of Operating Hours, Vehicle Maintenance Costs, Fuel costs Per Kilometers Traveled, Transport Staff Costs, Total Number of Deliverie, Quantity Transported, Kilometers Traveled, Profit values are given.

Histogram Plot

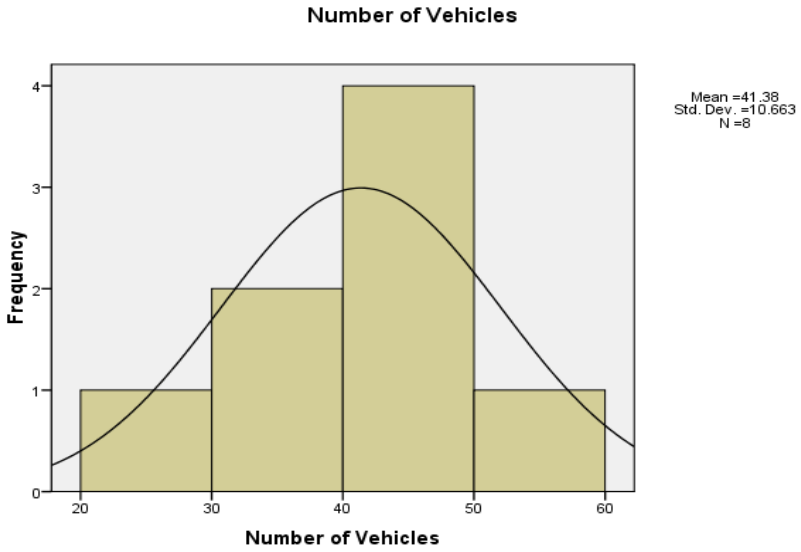


FIGURE 1. Number of Vehicles

Figure 1 shows the histogram plot for Number of Vehicles from the figure it is clearly seen that the data are slightly Right skewed due to more respondent chosen 3 forNumber of Vehicles except the 2 value all other values are under the normal curve shows model is significantly following normal distribution

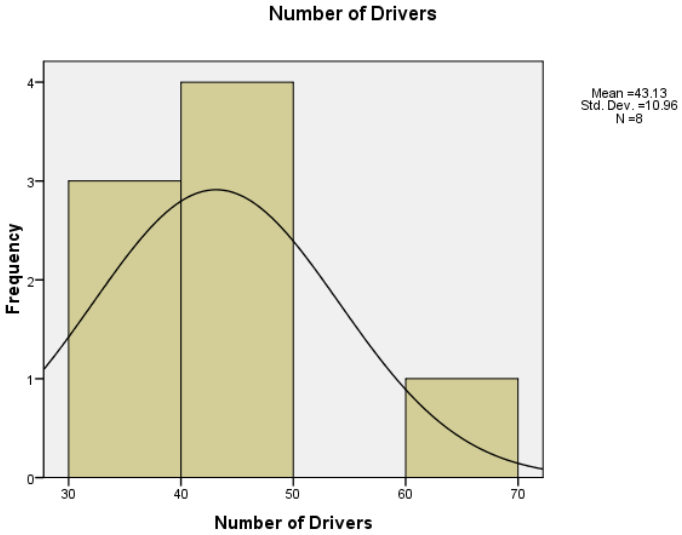


FIGURE 2. Number of Drivers

Figure 2 shows the histogram plot for Number of Drivers from the figure it is clearly seen that the data are slightly Right skewed due to more respondent chosen 2 forNumber of Drivers except the 1 value all other values are under the normal curve shows model is significantly following normal distribution

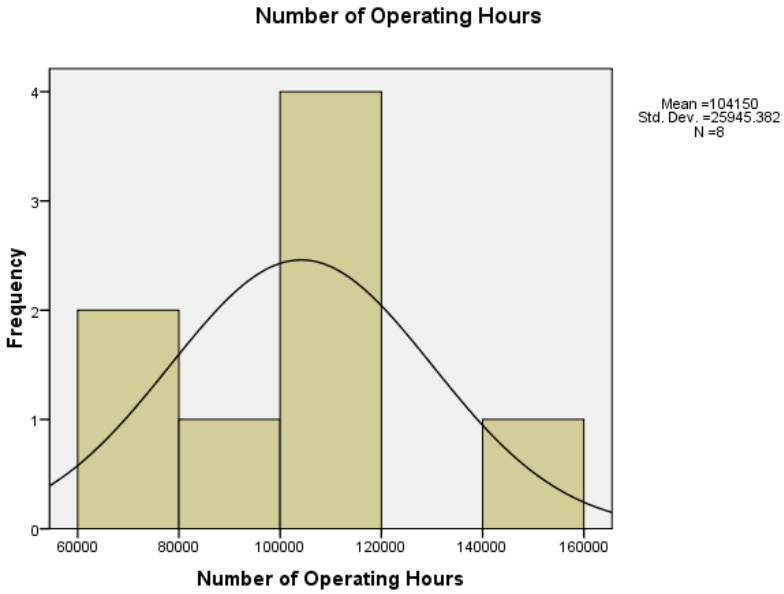


FIGURE 3. Number of Operating Hours

Figure 3 shows the histogram plot for Number of Operating Hours from the figure it is clearly seen that the data are slightly Right skewed due to more respondent chosen 3 forNumber of Operating Hours except the 2 value all other values are under the normal curve shows model is significantly following normal distribution

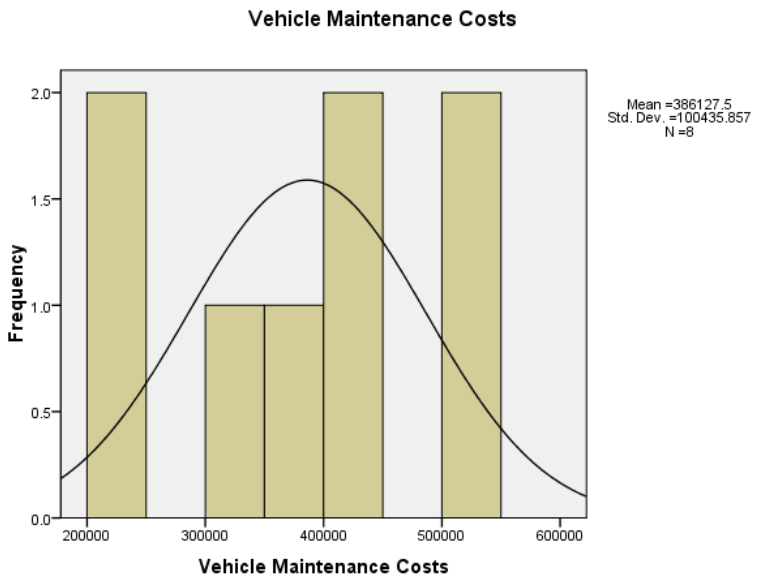


FIGURE 4. Vehicle Maintenance Costs

Figure 4 shows the histogram plot for Vehicle Maintenance Costs from the figure it is clearly seen that the data are slightly Right skewed due to more respondent chosen 4 forVehicle Maintenance Costs except the 3 value all other values are under the normal curve shows model is significantly following normal distribution

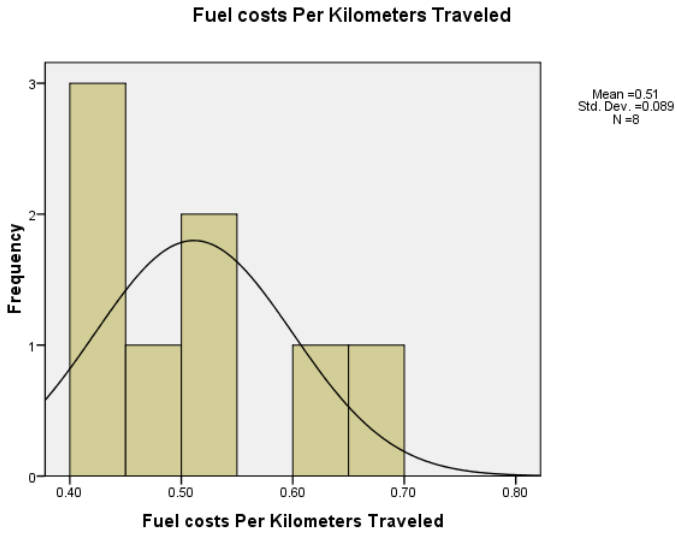


FIGURE 5. Fuel costs Per Kilometers Traveled

Figure 5 shows the histogram plot for Fuel costs Per Kilometers Traveled from the figure it is clearly seen that the data are slightly Right skewed due to more respondent chosen 1 forFuel costs Per Kilometers Traveled except the 2 value all other values are under the normal curve shows model is significantly following normal distribution

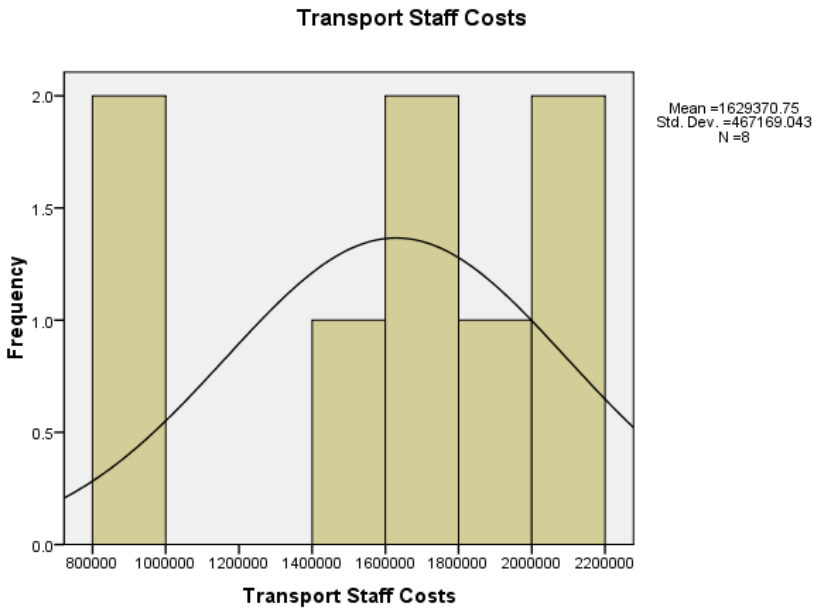


FIGURE 6. Transport Staff Costs

Figure 6 shows the histogram plot for Transport Staff Costs from the figure it is clearly seen that the data are slightly Right skewed due to more respondent chosen 3 forTransport Staff Costs except the 3 value all other values are under the normal curve shows model is significantly following normal distribution

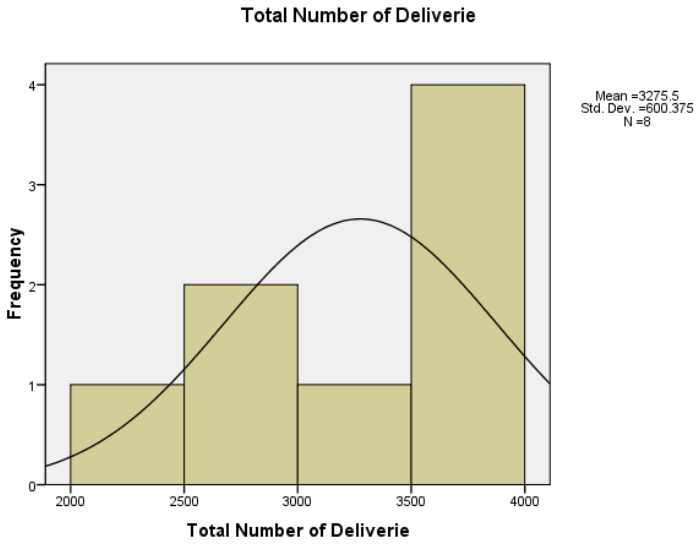


FIGURE 7. Total Number of Deliverie

Figure 7 shows the histogram plot for Total Number of Deliveriefrom the figure it is clearly seen that the data are slightly Bell Karo due to more respondent chosen 2 forTotal Number of Deliverieexcept the 2 value all other values are under the normal curve shows model is significantly following normal distribution

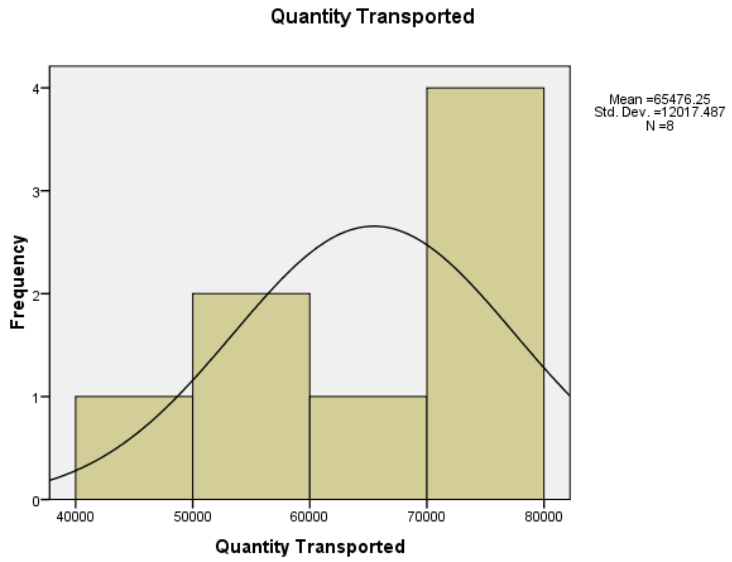


FIGURE 8. Quantity Transported

Figure 8 shows the histogram plot for Quantity Transported from the figure it is clearly seen that the data are slightly Bell Karo due to more respondent chosen 4 forQuantity Transported except the 2 value all other values are under the normal curve shows model is significantly following normal distribution

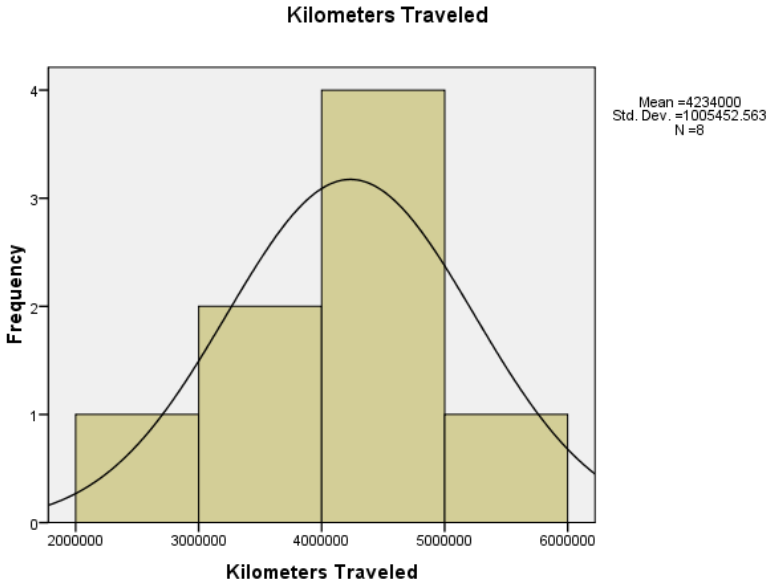


FIGURE 9. Kilometers Traveled

Figure 9 shows the histogram plot for Kilometers Traveled from the figure it is clearly seen that the data are slightly Right skewed due to more respondent chosen 3 forKilometers Traveled except the 2 value all other values are under the normal curve shows model is significantly following normal distribution

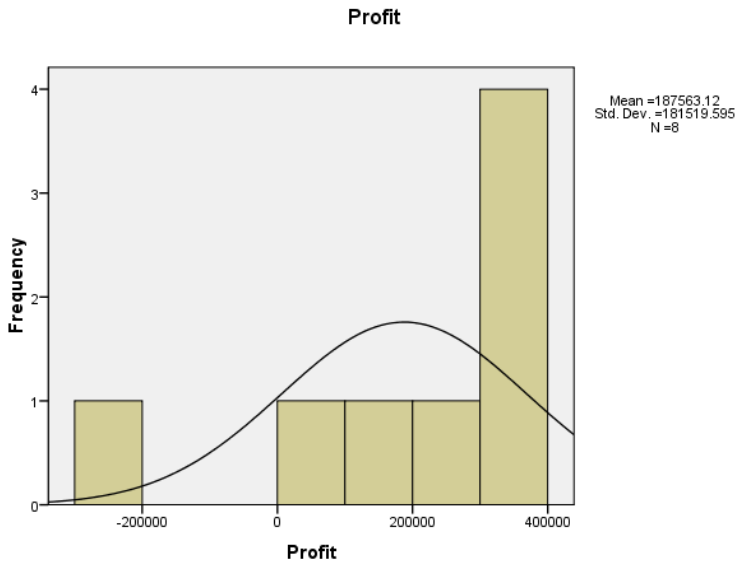


FIGURE 10. Profit

Figure 10 shows the histogram plot for Profit from the figure it is clearly seen that the data are slightly Bell Karo due to more respondent chosen 5 forProfit except the 3 value all other values are under the normal curve shows model is significantly following normal distribution

TABLE 6. Correlations

Correlations										
	Number of Vehicles	Number of Drivers	Number of Operating Hours	Vehicle Maintenance Costs	Fuel costs Per Kilometers Traveled	Transport Staff Costs	Total Number of Deliverie	Quantity Transported	Kilometers Traveled	Profit
Number of Vehicles	1	.993**	.996**	.824*	-0.514	0.504	.879**	.877**	.982**	0.337
Number of Drivers	.993**	1	.999**	.801*	-0.566	0.435	.832*	.830*	.989**	0.244
Number of Operating Hours	.996**	.999**	1	.805*	-0.568	0.446	.839**	.837**	.985**	0.257
Vehicle Maintenance Costs	.824*	.801*	.805*	1	-0.419	.729*	.886**	.885**	.823*	0.506
Fuel costs Per Kilometers Traveled	-0.514	-0.566	-0.568	-0.419	1	0.168	-0.146	-0.143	-0.487	0.48
Transport Staff Costs	0.504	0.435	0.446	.729*	0.168	1	.785*	.789*	0.49	.784*
Total Number of Deliverie	.879**	.832*	.839**	.886**	-0.146	.785*	1	1.000**	.854**	0.705
Quantity Transported	.877**	.830*	.837**	.885**	-0.143	.789*	1.000**	1	.852**	0.706
Kilometers Traveled	.982**	.989**	.985**	.823*	-0.487	0.49	.854**	.852**	1	0.298
Profit	0.337	0.244	0.257	0.506	0.48	.784*	0.705	0.706	0.298	1
**. Correlation is significant at the 0.01 level (2-tailed).										
*. Correlation is significant at the 0.05 level (2-tailed).										

Table 5 shows the Correlations Next the correlation between motivation parameters for Number of Vehicles for Number of Operating Hours is having highest correlation with Fuel costs Per Kilometers Traveled is having lowest correlation.Next the correlation between motivation parameters for Number of Drivers for Number of Operating Hours is having highest correlation with Fuel costs Per Kilometers Traveled is having lowest correlation. Next the correlation between motivation parameters for Number of Operating Hours for Number of Drivers is having highest correlation with Fuel costs Per Kilometers Traveled is having lowest correlation.Next the correlation between motivation parameters for Vehicle Maintenance Costs for Total Number of Deliverie is having highest correlation with Fuel costs Per

Kilometers Traveled is having lowest correlation.Next the correlation between motivation parameters for Fuel costs Per Kilometers Traveled for Transport Staff Costs is having highest correlation with Number of Operating Hours is having lowest correlation. Next the correlation between motivation parameters for Transport Staff Costs for Quantity Transported is having highest correlation with Kilometers Traveled is having lowest correlation.Next the correlation between motivation parameters for Total Number of Deliverie for Vehicle Maintenance Costs is having highest correlation with Fuel costs Per Kilometers Traveled is having lowest correlation. Next the correlation between motivation parameters for Quantity Transported for Total Number of Deliverie is having highest correlation with Fuel costs Per Kilometers Traveled is having lowest correlation. Next the correlation between motivation parameters for Kilometers Traveled for Number of Drivers is having highest correlation with Fuel costs Per Kilometers Traveled is having lowest correlation. Next the correlation between motivation parameters for Profit for Transport Staff Costs is having highest correlation with Fuel costs Per Kilometers Traveled is having lowest correlation.

Conclusion

The mode of transport is the people or with goods To distinguish between different ways of going The term used. Various Modes of transport are air, water and land transport is, In which rails or Trains, road and road Includes transportation. pipelines, Cable transport and Others including space transportation There are also methods. Human powered Transport and powered by animals Traffic sometimes Considered as their own mode, But does not fall into other categories. Generally, People, animals and other objects From one place to another Transport is used to move. Means of transport, on the other hand, Selectively animal, vehicle, Car, plane, ship, truck, train and more To carry people or goods Transport facilities used indicates. Every mode of transport Fundamentally different technology Contains the solution, and some more A separate environment is required. Every The system also has its own infrastructure, Vehicles, transport operators And there are functions. flight Companies, Railways, Trucker, Equipment and leasing and logistics Companies will also be represented Transport with industrial companies The sector is a highly diversified one. Term definition unless otherwise stated or unless the context otherwise requires, These terms are Swift Transport Company and its subsidiaries indicate Dow Jones Transportation Average (DJTA) is in the US 20 traffic that is traded The stock is a price-weighted average. of companies in the transport sector Performance, profitability of the company and cost of transport services Very sensitive to fluctuations. the Cronbach's Alpha Reliability result. The overall Cronbach's Alpha value for the model is .505 which indicates 50% reliability. From the literature review, the above 92% Cronbach's Alpha value model can be considered for analysis.

Reference

1. Batarlienė, Nijolė, Kristina Čižiūnienė, Kristina Vaičiūtė, Ingrida Šapalaitė, and AldonaJarašūnienė. "The impact of human resource management on the competitiveness of transport companies." *procedia Engineering* 187 (2017): 110-116.
2. Cruz, Isabel Silva, and Tally Katz-Gerro. "Urban public transport companies and strategies to promote sustainable consumption practices." *Journal of Cleaner Production* 123 (2016): 28-33.
3. Von Hirschhausen, Christian, and Astrid Cullmann. "A nonparametric efficiency analysis of German public transport companies." *Transportation Research Part E: Logistics and Transportation Review* 46, no. 3 (2010): 436-445.
4. Nævestad, Tor-Olav, BeateElvebakk, and Ross Owen Phillips. "The safety ladder: developing an evidence-based safety management strategy for small road transport companies." *Transport reviews* 38, no. 3 (2018): 372-393.
5. Verdonck, Lotte, A. N. Caris, KatrienRamaekers, and Gerrit K. Janssens. "Collaborative logistics from the perspective of road transportation companies." *Transport Reviews* 33, no. 6 (2013): 700-719.
6. Batarlienė, Nijolė, and AldonaJarašūnienė. "“3PL” Service Improvement opportunities in transport companies." *Procedia Engineering* 187 (2017): 67-76.
7. Stević, Željko, and Nikola Brković. "A novel integrated FUCOM-MARCOS model for evaluation of human resources in a transport company." *Logistics* 4, no. 1 (2020): 4.
8. Tubis, Agnieszka, and SylwiaWerbińska-Wojciechowska. "Balanced scorecard use in passenger transport companies performing at Polish market." In *TRANSBALTICA. Proceedings of the International Scientific Conference*, vol. 10, pp. 538-547. Vilnius Gediminas Technical University, Department of Construction Economics & Property, 2017.
9. Tubis, Agnieszka, and SylwiaWerbińska-Wojciechowska. "Balanced scorecard use in passenger transport companies performing at Polish market." In *TRANSBALTICA. Proceedings of the International Scientific Conference*, vol. 10, pp. 538-547. Vilnius Gediminas Technical University, Department of Construction Economics & Property, 2017.
10. Del Giudice, Manlio, Maria Rosaria Della Peruta, and Vincenzo Maggioni. "A model for the diffusion of knowledge sharing technologies inside private transport companies." *Journal of Knowledge Management* (2015).
11. Hertz, Susanne. "The dynamics of international strategic alliances: A study of freight transport companies." *International studies of management & organization* 26, no. 2 (1996): 104-130.
12. Vavrek, Roman, and JiříBečica. "Capital city as a factor of multi-criteria decision analysis—Application on transport companies in the Czech Republic." *Mathematics* 8, no. 10 (2020): 1765.
13. De Borger, Bruno, and MogensFosgerau. "Information provision by regulated public transport companies." *Transportation Research Part B: Methodological* 46, no. 4 (2012): 492-510.
14. Orthaber, Sara, and Rosina Márquez-Reiter. "“Talk to the hand”. Complaints to a public transport company." *Journal of Pragmatics* 43, no. 15 (2011): 3860-3876.
15. Susniene, Dalia, and Algirdas Jurkauskas. "Stakeholder approach in the management of public transport companies." *Transport* 23, no. 3 (2008): 214-220.

16. Liachovičius, Edvardas, Viktor Skrickij, and AskoldasPodviezko. "MCDM evaluation of asset-based road freight transport companies using key drivers that influence the enterprise value." *Sustainability* 12, no. 18 (2020): 7259.
17. Krulický, Tomáš. "Using Kohonen networks in the analysis of transport companies in the Czech Republic." In *SHS Web of Conferences*, vol. 61, p. 01010. EDP Sciences, 2019.
18. Chocholac, Jan, Dana Sommerauerova, JaroslavaHyrslova, Tomas Kucera, Roman Hruska, and Stanislav Machalik. "Service quality of the urban public transport companies and sustainable city logistics." *Open Engineering* 10, no. 1 (2020): 86-97.
19. Bhattacharyya, Arunava, Subal C. Kumbhakar, and Anjana Bhattacharyya. "Ownership structure and cost efficiency: A study of publicly owned passenger-bus transportation companies in India." *Journal of Productivity Analysis* 6, no. 1 (1995): 47-61.
20. Ceipidor, U. Biader, C. M. Medaglia, A. Marino, M. Morena, S. Sposato, A. Moroni, P. Di Rollo, and M. La Morgia. "Mobile ticketing with NFC management for transport companies. Problems and solutions." In *2013 5th International Workshop on Near Field Communication (NFC)*, pp. 1-6. IEEE, 2013.

