

## A LITERATURE STUDY ON QUALITY OF HUMAN LIFE

Shah Gunjan Bharatbhai\*

---

**Abstract: -**

Human qualities are something that cannot always be taught. Quality of life (QOL) should be understood as a multidimensional concept covering multiple aspects of human life. The challenge of getting a multidimensional definition lies in finding a definition that enables main factors such as health, mental, financial, social, education. Rationale behind this study is to detect the weak point that the respondent has, at which parameter the person is poor, so he can improve on the respective parameter that he is suffering from. Logistic regression displayed the degree of happiness of the person influenced from the above five parameters and will show the weak point of the respective one.

**Key words: QOL, logistic regression, degree of happiness, influence**

---

\* Shrimad Rajchandra Institute of Management and Computer Application, Maliba Campus, Gopal Vidyanagar, Bardoli-Mahuva Road, Tarsadi, Mahuva, Surat, Gujarat, INDIA

**Introduction:**

According to plato and Aristotle,” quality of life is not new, for a discussion of what constitutes wellbeing or happiness that is quality of life only”. However, over the past three decades, the concept of quality of life has increasingly become a focus for research and application in the fields of education and special education, health care (physical and behavioural), social services (disabilities and aging), and families. One requirement is to maintain modest human desire and another is to change the evaluation of *quality of life* from an economically based perspective to a *quality of life* that is based on a *degree of happiness*. Both the *quality of life* and the *degree of happiness* should be based on the qualitative aspects of the human heart and spirit, which are difficult to measure and have thus been avoided in modern society as a source of change. Here, we generalised tried to justify the quality of human life using main features of any person those are health, mental, financial, social, education. Health majorly includes medical care, health security insurance, prevalence of disease, affordable access to quality health care, environment quality of residence etc. Mental majorly includes emotional experience, comfort, liveability, etc. Financial includes employment category, standard of living, properties, average salary, expanses, and minimal pay etc. Social includes freedom from discrimination, freedom of movement, equal protection to the law, political and religious freedom etc. Education includes quality and availability of education, scope of undertaken subject, satisfaction with the undertaken subject, market competition etc.

**Literature review:**

According to pal (1996), quality of life is measured in a variety of contexts. Factors considered are both qualitative and quantitative. Many local, national and international organizations conduct surveys and psychological tests to determine an individual or society’s quality of life for different purposes.

According to søren ventegodt, jørgen hilden, and joav merrick, comprehensive as the integrative quality-of-life measures the purpose in life, and the farther reaches of the human spirit. Philosophical solution to the existential core perspective is to add deep quality-of-life dimensions like “the meaning of life” and “biological order” to the well-known dimensions of subjective and objective quality of life.

According to ed diener and eunkook suh, indicators assess three philosophical approaches to well-being that are based, respectively, on normative ideals, subjective experiences, and the

ability to select goods and services that one desires. The strengths and weaknesses of the various approaches are reviewed. Each approach to measuring the quality of life contains information that is not contained in the other measures.

According to shuichi yamamoto and victor s. Kuwahara (2005) demonstrated three aspects, (1) to preserve important ecosystems and systems of life maintenance, (2) to conserve genetic diversity, and (3) to utilize biological species and ecosystems through sustainable methods. After recognizing the quality of the person through manual process. Improving the quality of life in many cases and for a vast majority of people has thus far meant to become materially and economically rich. One requirement is to maintain modest human desire and another is to change the evaluation of quality of life from an economically based perspective to a quality of life that is based on a degree of happiness.

According to frey and stutzer (2002), although the average income per capita had increased from us\$11,000 to us\$27,000 in the united states from 1946 to 1996, the number of people surveyed who were happy had not increased significantly during the same period. Similar results were found in japan where although the average income had steadily increased to five or more times from 1958 to 1991, the degrees of happiness did not change.

According to wimberly(2010), quality of life (QOL) can be defined in many ways, making its measurement and incorporation into scientific study difficult. As illness and its treatment affect the psychological, social and economic wellbeing, as well as the biological integrity, of individuals, any definition should be all encompassing while allowing individual components to be delineated. This allows the impact of different disease states or interventions on overall or specific aspects of QOL to be determined.

Deniel goleman(1995) in a book entitled emotional intelligence says that it is the lack of application of intelligence to emotions that makes one lonely, depressed, angry, untruly, prone to worry, impulsive and aggressive, he called this ability as emotional intelligence. The term “emotional intelligence” was coined by salovery & mayer in 1990.

Denial goleman describes EI as “abilities such as being able to motivate oneself and persist in the face of frustrations; to control impulse and delay gratification; to regulate one’s mood and keep

distress from swamping the ability to think; to emphasize and to hope.” Therefore EI is an ability to examine one’s thought and soul and it direct leads to quality of life.

**Aims / objectives:**

- Develop a statistical equation for measuring quality of human life.

**Theoretical framework:**

- I used logistic regression technique for determining the equation of the quality of human life.
- Separate equation has been created for each parameter for measuring them individually.

**Logistic regression Model:**

Logistic regression has some properties. Dependent variable must be dichotomous here. Independent may have any data measurement scale.

Here, Happiness of the person will be simply categorized into yes or no and rest of the variable in the other side may use likert scale for their satisfaction.

$$\text{Max Z} = B1 * x1 + B2 * x2 + B3 * x3 + B4 * x4 + B5 * x5$$

Researcher here conveyed that

**Happiness of the person=**

$$B1 * \text{Health} + B2 * \text{Mental} + B3 * \text{financial} + B4 * \text{social} + B5 * \text{educational}$$

For Determining the value of each parameter mentioned above,

<b>Health</b>	<b>Mental</b>	<b>Financial</b>
=	=	=
<i>Medical care</i>	<i>Emotional experience</i>	<i>Employment category</i>
+	+	+
<i>Health security Insurance</i>	<i>comfort</i>	<i>standard of living</i>
+	+	+
<i>Prevalence of disease</i>	<i>Liveability</i>	<i>properties</i>
+		+
<i>Environment quality of residence</i>		<i>Average salary</i>
		+
		<i>Expanses</i>
		+
		<i>minimal pay</i>

<i>Education</i>	<i>social</i>
=	=
<i>Quality of education</i>	<i>freedom from discrimination</i>
+	+
<i>Availability of education</i>	<i>freedom from movement</i>
+	+
<i>scope of undertaken Subject</i>	<i>equal protection to the law</i>
+	+
<i>Satisfaction with the undertaken subject</i>	<i>political freedom</i>
+	+
<i>market competition</i>	<i>religijs freedom</i>

Separate equation can be made like:

$$\text{Max } Z = B1 \cdot x1 + B2 \cdot x2 + B3 \cdot x3 + B4 \cdot x4$$

Researcher here conveyed that

$$\text{Health} = B1 \cdot \text{medical care} + B2 \cdot \text{Health security insurance} + B3 \cdot \text{Prevalence of disease} + B4 \cdot \text{Environment}$$

Likewise we can design equation for every parameters.

### Conclusive Remark: -

For determining the values of each parameter shown above, separate models were developed for determining the values and final values will be carry forwarded to master equation to recognize the degree of happiness. Each parameter has impact on quality of human life directly at some extent. Through this method i can measure the quality of human life and can detect the one's weak parameters. This may suggest one's to improve upon the limitation that he or she has.

Different persons have different perceptions for quality of human life. Each has different definitions for the quality. Here researcher has bifurcated quality of human life into main 5 factors discussed above. Major limitations is to identify the priority and determining the benchmark of happiness. Each has different priorities, some may give important to education and some may give more important to finance. So we may not satisfy the respondents by giving exact measurement of happiness but approximate answer may be delivered to them. Benchmark of quality is the toughest job to recognize for any researcher. This may be done through cluster sampling. Each cluster consist different categorized people like poor person, rich person, educated person and final conclusion can be made. Through this we can measure the standard

using statistics and can be applied to the logistic equation described above. Through this researcher can decide the benchmark of the quality and will intimate the result.

Psychology is one of the biggest factor in measuring the quality of human life. Psychologist may exhibit you the nature of the person and even can decide the benchmark of standard of happiness to the person. Ultimately it can been seen the degree of happiness and attitude by the physic of person. Any researcher may use this equation for their further use this in the context of person's human quality by quantifying this factors of happiness of each parameter of happiness.

### **Bibliography:**

#### **Books**

1. Goleman, d. (1995). Emotional intelligence: why it can matter more than iq. New York: bantam books
2. Goleman, d. (1998). Working with emotional intelligence, new York: bantam books

#### **Website:**

1. [http://icta.uab.cat/etnoecologia/docs/\[74\]-qol\\_esee2011.pdf](http://icta.uab.cat/etnoecologia/docs/[74]-qol_esee2011.pdf)
2. [http://web.yonsei.ac.kr/suh/file/measuring%20quality%20of%20life\\_economic,%20social,%20and%20subjective%20indicators.pdf](http://web.yonsei.ac.kr/suh/file/measuring%20quality%20of%20life_economic,%20social,%20and%20subjective%20indicators.pdf)
3. [http://www.ageingresearch.group.shef.ac.uk/pdf/qol\\_review\\_complete.pdf](http://www.ageingresearch.group.shef.ac.uk/pdf/qol_review_complete.pdf)
4. <http://journal-archieves19.webs.com/517-522.pdf>
5. [http://jaqm.ro/issues/volume-4,issue-4/pdfs/rova\\_mano.pdf](http://jaqm.ro/issues/volume-4,issue-4/pdfs/rova_mano.pdf)
6. [http://www.stiglitz-sen-fitoussi.fr/documents/capability\\_approach.pdf](http://www.stiglitz-sen-fitoussi.fr/documents/capability_approach.pdf)
7. <http://www.time.com/time/health/article/0,8599,1808049,00.html> (price of human life)
8. [http://www.iop.or.jp/1020/yamamoto\\_kuwahara.pdf](http://www.iop.or.jp/1020/yamamoto_kuwahara.pdf)
9. [http://www.livskvalitet.org/pdf/qol\\_methodology\\_i\\_\(methadological\\_framework\).pdf](http://www.livskvalitet.org/pdf/qol_methodology_i_(methadological_framework).pdf)
10. <http://howtorelievestresseasily.com/quality-of-life-2/how-do-you-define-quality-of-life>
11. <http://repository.tamu.edu/bitstream/handle/1969.1/2771/etd-tamu-2004b-heed-church.pdf?sequence>
12. <http://sapiens.revues.org/169>
13. [http://web.yonsei.ac.kr/suh/file/measuring%20quality%20of%20life\\_economic,%20social,%20and%20subjective%20indicators.pdf](http://web.yonsei.ac.kr/suh/file/measuring%20quality%20of%20life_economic,%20social,%20and%20subjective%20indicators.pdf)
14. [http://www.ehow.com/how\\_5003150\\_measure-quality-life.html](http://www.ehow.com/how_5003150_measure-quality-life.html)
15. <http://camo.ici.ro/journal/vol9/v9b7.pdf>