















| Dimens                | ions of Quality   |
|-----------------------|---|
| Quality dimension     | Definition  |
| Performance           | A product's primary operating characteristics   |
| Features              | The 'bells and whistles' of products and services that supplement their basic functioning       |
| Reliability           | The probability of a product malfunctioning or failing within a specified time period           |
| Conformance           | The degree to which a product's design and operating characteristics meet established standards |
| Durability            | The amount of use one gets from a product before it deteriorates                                |
| Serviceability        | The speed, courtesy, competence, and ease of repair   |
| Aesthetics            | How a product looks, feels, sounds, tastes, or smells   |
| Perceived quality     | Reputation  |
| D. A. Garvin: Harvard | Business Review Vol.65 No.6, 1987   |

## Quality evaluation of refrigerators

|                   | Type of refrigerator |           |   |  |
|-------------------|----------------------|-----------|---|--|
| Quality dimension | Current              | Top comp. | Separate  |  |
| Performance       | Medium               | Good      | Good  |  |
| Features          | Medium               | Medium    | Medium  |  |
| Reliability       | High                 | Medium    | Medium  |  |
| Conformance       | Medium               | Medium    | Medium  |  |
| Durability        | Medium               | Medium    | Medium  |  |
| Serviceability    | Medium               | Bad       | Bad   |  |
| Aesthetics        | Good                 | Good      | Bad   |  |
| Perceived quality | Medium               | Good      | Good  |  |
|                   |                      |           | YUMの<br>山口大学大学院校修経営研究学<br>Yanagudi University Managument of Techn |  |

| Quality e                                    | evaluatio  | on of refrig         | jerators   |
|--|------------|----------------------|--|
|  |            | Type of refrigerator |  |
| Quality dimension                            | Current    | Top comp.            | Separate   |
| Performance                                  | Medium     | Good                 | Good   |
| Features                                     | Medium     | Medium               | Medium   |
| F The alternative types are highly evaluated |            | Medium               | Medium   |
|  |            | Medium               | Medium   |
|  | because of |                      | Medium   |
| their energy efficiency                      |            | Bad                  | Bad  |
| Aesthetics                                   | Good       | Good                 | Bad  |
| Perceived quality                            | Medium     | Good                 | Good   |
|  |            | ·                    | <u>山口大学大学時後間経営研究</u> 料<br><sup>1</sup> Tanagudi University Managurum tol Technol |

|                                | Type of refrigerator |           |          |
|--------------------------------|----------------------|-----------|----------|
| Quality dimension              | Current              | Top comp. | Separate |
| Performance                    | Medium               | Good      | Good     |
| Features                       | Medium               | Medium    | Medium   |
| Reli The alternative types are |                      | Medium    | Medium   |
|                                | espected             | Medium    | Medium   |
|                                | environmentally      |           | Medium   |
| Sel                            |                      |           | Bad      |
| Aestrotico                     | us design            | Good      | Bad      |
| Perceived quality              | Medium               | Good      | Good     |

| Quality e         | evaluatior   | n of re | friger | ators    |
|-------------------|--|---------|--------|----------|
|                   | Type of refrigerator   |         |        |          |
| Quality dimension | Current Top comp.  |         | p.     | Separate |
| Performance       | Medium   | Good    |        | Good     |
| Features          | Medium   | Medium  | 1      | Medium   |
| Reliability       | The separate type gets<br>a low evaluation<br>because<br>it is not compact |         |        | Medium   |
| Conformance       |  |         |        | Medium   |
| Durability        |  |         |        | Medium   |
| Serviceability    |  |         |        | Bad      |
| Aesthetics        | Good   | Good    |        | Bad      |
| Perceived quality | Medium   | Good    |        | Good     |
|                   |  | 1       | Y      |          |

|                   |                   | Type of refrigerator |          |
|-------------------|-------------------|----------------------|----------|
| Qualit            |                   | Top comp.            | Separate |
| Dorfo             | rnative types get | Good                 | Good     |
| Featu             | Decause           | Medium               | Medium   |
| Relia their       | maintenances      | Medium               | Medium   |
| Confe a           | re difficult      | Medium               | Medium   |
| Durability        | Medium            | Medium               | Medium   |
| Serviceability    | Medium            | Bad                  | Bad      |
| Aesthetics        | Good              | Good                 | Bad      |
| Perceived quality | Medium            | Good                 | Good     |



