

brief:

The authors present a method for multicriteria ABC analysis called Joint Criteria Matrix along with some application examples.

Joint Criteria Matrix method

According to this method, items are classified according to two distinct criteria (usually concurrent), and then a matrix is used for reclassification.

useful:

The authors present a good and detailed explanation for the ABC analysis method as well as a detailed explanation of several alternative criteria used for ranking the importance of inventory items: obsolescence, lead times, substitutability, repairability, criticality and commonality.

extension:

? present an extensive comparative study of the application of Joint Criteria Matrix method in a company in the service sector and in a company in the manufacturing sector.

References

- Benito E. Flores and D. Clay Whybark. Multiple criteria abc analysis. *International Journal of Operations & Production Management*, 6(3): 38–46, 1986. doi: <https://doi.org/10.1108/eb054765>.
- Benito E. Flores and D. Clay Whybark. Implementing multiple criteria abc analysis. *Journal of Operations Management*, 7(1):79–85, 1987. doi: [https://doi.org/10.1016/0272-6963\(87\)90008-8](https://doi.org/10.1016/0272-6963(87)90008-8). Special Combined Issue.