Title: Developing fuzzy short run individual X and Moving Range Control chart

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Abstract:
Fuzzy method represents process condition better than crisp data because fuzzy method can utilize to monitor ambiguous data and show rather than in-control or rather than out-of-control condition comparing before. In this investigation, we used standardized method for solve shortage data problem in short run control chart and it is tried to calculate fuzzy control limit for IX-MR control chart with triangular fuzzy method. On the other hand, more flexibility and sensitiveness should be added to them to get more information. Proposed methods utilize for gear and templates data.

Key words:
short run, fuzzy, control limit, individual, moving range.

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