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Title: Consensus modeling with cost chance constraint under uncertainty opinions

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RESEARCH HIGHLIGHTS:

- A group negotiation model with chance constrained programming of negotiation cost is proposed.
- Utility priority coefficient is introduced to ensure the DMs' satisfaction degree and causes budget range further.
- The multiple uncertain preferences are presented, including utility function and normal distribution characteristic.
- The model is illustrated with a numerical example based on China's Grains to Greens Program.

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