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Decision making generalized by a cumulative probability weighting function

Lindomar Soares dos Santos, Natália Destefano, Alexandre Souto Martinez



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Highlights

- A new cumulative probability weighting function for the discount process is proposed.
- This function is based on q -logarithms and q -exponentials.
- It is assumed individuals behave similarly in the face of probabilities and delays.
- This proposition retrieves consecrated cases and models of psychophysical perception.
- The new functional form is supported by phenomenological models.

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