

## Accepted Manuscript

Maximum probabilities, information, and choice under uncertainty

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PII: S0165-1765(18)30101-0

DOI: <https://doi.org/10.1016/j.econlet.2018.03.010>

Reference: ECOLET 7971

To appear in: *Economics Letters*

Received date: 11 February 2018

Revised date: 13 March 2018

Accepted date: 14 March 2018



Please cite this article as: Burghart D.R., Maximum probabilities, information, and choice under uncertainty. *Economics Letters* (2018), <https://doi.org/10.1016/j.econlet.2018.03.010>

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**\*Highlights (for review)**

- An Expected Utility-like model is proposed for choice under uncertainty.
- The model weights utilities by the maximum probability and an information term.
- Information depends on how much is known about probabilities.
- A probability triangle-like figure is introduced and used to explore the model.
- Applications to medical decision making and financial asset demand are explored.

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