



Searching more or less: The impact of value range on search behavior



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We search for...















Searching more when the decision is more important?



- An anecdotal evidence:
 - What I've learned from 10 years of selling wedding dresses? (Caroline Burstein, The Guardian): many women search for a wedding dress more than they searched for a groom...

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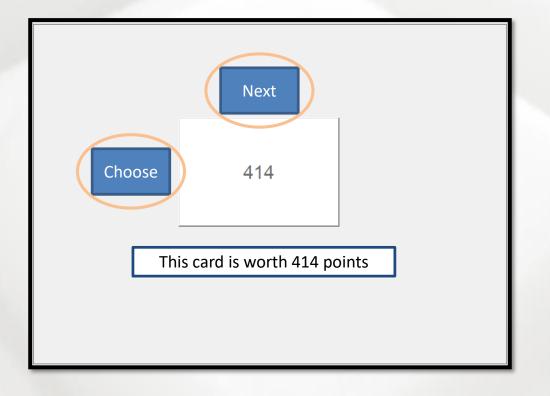


- Do people actually search *less* in more important decisions?
- In real life, importance is difficult to measure, the cost of searching alternatives is varying and not always clear and also the variance of options value is changing...
- Rephrasing the question: Do people search less in higher value environments? (given the same variance of options value and the same search cost)



Lab experiments:

• The secretary problem with absolute values



A pre-registered lab experiment:

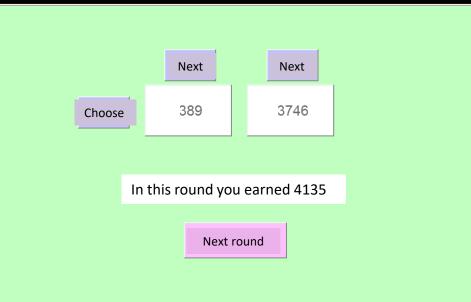
- The secretary problem with absolute values
 - High value environment N~(4000,200)
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- 30 rounds in each environment

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- 4 groups (40 participants in each)
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 - Mixed
 - Simultaneous

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Mean amount of search

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Low Values High Values

SIMULTANOUS

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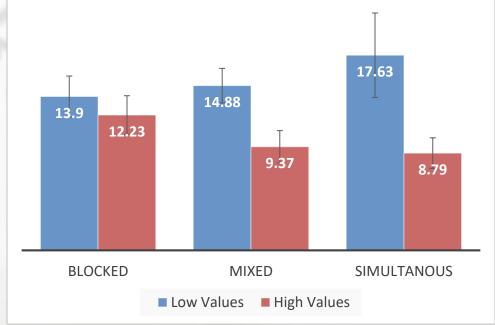
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Mean amount of search



Summary:

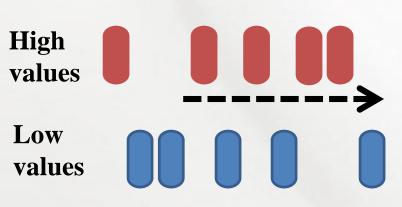
- People search *less* in *higher* values environments when alternating between different search environments
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Summary:

- People search *less* in *higher* values environments when alternating between different search environments
- This bias is reduced and sometimes even reversed when decisions are made repeatedly in the same value environment.

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- Why?
 - Diminishing sensitivity to higher values
 - Fixed threshold:



Good luck in your searches!

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