

Comments on Bernheim & Rangel

- Idea of extending conventional choice-theoretic analysis is clever, but...
- Is the set of ancillary conditions:
 - one-dimensional?
 - ordinal?
 - continuous or discrete?
 - connected (as opposed to, say, multiple intervals)?

On applying these foundations

- Implications for econometric modeling?
- conceptual relation to testing non-nested hypotheses
- Link to examples of bounded rationality
 - Are distinct ‘ancillary conditions’ comparable?
 - Model of irrationality?
- How to deconstruct Y?

On mediating ‘choice reversals’: Example

- Row plays “matching pennies” against virtual or real opponent Col.
 - maybe a series of Cols, alternating L, R handedness
 - maybe alternating choices
 - maybe computer generated choices.
- Imagine Col plays in odd numbered periods, Row in even; let Col play “H” at first, and players best reply myopically thereafter.
 - Let d_1 represent periods $4n - 2$
 - Let d_2 represent periods $4n$

		Col	
		H	T
Row	H	1, -1	-1, 1
	T	-1, 1	1, -1

- In d_1 Row observes Col playing H and so plays H;
- In d_2 Col playing T and so plays T.

Would we want to “officiate” between these situations?

On using non-choice data

- Use of neuroscience to glean extra information... could similar ideas be obtained more directly?
- Data from areas on PC screen that are explored prior to experimental choices?
- Other existing ideas from clever experimentalists?