

Appendix I. "Cognition and Behavior in Two-Person Guessing Games: An Experimental Study" by Miguel A. Costa-Gomes and Vincent P. Crawford

Table X. Selected R/TS Subjects' Information Searches and Assigned Types' Search Implications

		MouseLab box numbers		
		<i>a</i>	<i>b</i>	<i>p</i>
You ( <i>i</i> )		1	2	3
S/he ( <i>j</i> )		4	5	6

Types' Search Implications	
<i>L1</i>	{[4,6],2}
<i>L2</i>	{([1,3],5),4,6,2}
<i>L3</i>	{([4,6],2),1,3,5}
<i>D1</i>	{(4,[5,1], (6,[5,3]),2}
<i>D2</i>	{(1,[2,4]),(3,[2,6]),(4,[5,1]),(6,[5,3]),5,2}
<i>Eq</i>	{[2,5],4} if pr. tar.<1, {[2,5],6} if > 1

Subject	904	1716	1807	1607	1811	2008	1001	1412	805	1601	804	1110	1202	704	1205	1408	2002
Type(#rt.)	L1 (16)	L1 (16)	L1 (16)	L2 (16)	L2 (16)	L2 (16)	L3 (16)	L3 (16)	D1 (16)	D1 (16)	D1 (3)	D2 (14)	D2 (15)	Eq (16)	Eq (16)	Eq (15)	Eq (16)
Alt.(#rt.)																	
Est. style	late	often	early	often	early				early								
Game																	
1	123456 4623	146462 134646 23	462513	135462 1313	134446 5213*4 6	111313 131313 5423	462135 21364* 246231 52	146231 564623 1	154356 423213 2642	254514 36231	154346 5213	135464 2646*1 313	246466 135464 641321 342462 422646 124625 5*1224 654646	123456 363256 565365 626365 652651 452262 6526	123456 424652 562525 6352*4 65	123123 456445 632132 11	142536 125365 253616 361454 613451 213452 63
2	123456 4231	462462 13	462132 25	135461 354621 3	134653 125642 313562 52	131313 566622 333 223146	462135 642562 2562*6 2	462462 546231	514535 615364 23	514653 6213	515135 365462 3	135134 642163 451463 211136 414262 135362 *14654 6	123645 132462 426262 241356 462*13 524242 466135 6462	123456 525123 652625 635256 212554 146662 456 44526* 31	123456 244565 565263 212554 146662 654251 44526*	123456 456123 643524 1 3	143625 361425 142523 625656 3

Notes: The subjects' frequencies of making their assigned types' (and when relevant, alternate types') exact guesses are in parentheses after the assigned type. A \* in a subject's look-up sequence means that the subject entered a guess there without immediately confirming it.

**Table XI. Selected Baseline Subjects' Information Searches and Estimated Types' Search Implications**

MouseLab box numbers			
	<i>a</i>	<i>b</i>	<i>p</i>
<b>You (<i>i</i>)</b>	1	2	3
<b>S/he (<i>j</i>)</b>	4	5	6

Types' Search Implications	
<i>L1</i>	{[4,6],2}
<i>L2</i>	{([1,3],5),4,6,2}
<i>L3</i>	{([4,6],2),1,3,5}
<i>D1</i>	{(4,[5,1], (6,[5,3]),2}
<i>D2</i>	{(1,[2,4]),(3,[2,6]),(4,[5,1]),(6,[5,3]),5,2}
<i>Eq</i>	{[2,5],4} if pr. tar.<1, {[2,5],6} if > 1

Subject	101	118	413	108	206	309	405	210	302	318	417	404	202	310	315
<b>Type(#rt.)</b>	L1 (15)	L1 (15)	L1 (14)	L2 (13)	L2 (15)	L2 (16)	L2 (16)	L3 (9)	L3 (7)	L1 (7)	Eq (8)	Eq (9)	Eq (8)	Eq (11)	Eq (11)
<b>Alt.(#rt.)</b>								Eq (9)	Eq (7)	D1 (5)	L3 (7)	L2 (6)	D2 (7)		
<b>Alt.(#rt.)</b>								D2 (8)			L2 (5)		L3 (7)		
<b>Est. style</b>	early/late	early	late	early	early	early/late	early	early	early	early	early	early	early	early/late	early
<b>Game</b>															
<b>1</b>	146246 213	246134 626241 32*135	123456 545612 3463*	135642 3	533146 213	1352	144652 313312 546232 12512	123456 123456 213456 254213 654	221135 465645 213213 45456*	132456 465252 13242*	252531 464656 446531 641252 462121 3	462135 464655 645515 21354*	123456 254613 621342 *525 135462 426256 356234 131354 645	123126 544121 565421 *21545 4*	213465 624163 564121 325466
<b>2</b>	46213	246262 2131	123564 62213*	135642 3	531462 31	135263 1526*2 *3	132456 253156 456545 463123 156562 62	123456 465562 231654 456*2 54123	213546 566213 545463 21*266 54123	132465 132*46 2	255236 62*365 243563	462461 352524 261315 463562	123456 445613 255462 513565 23	123546 216326 231456 *62 3	134652 124653 656121
<b>3</b>	462*46	246242 466413 *426	264231	135642 53	535164 2231	135263	312456 5231*1 236545 5233** 513	123455 645612 3 563214 563214 523*65 4123	265413 232145 563214 563214	134652 1323*4	521363 641526 5263*6 52	462135 215634 *52 3	123456 123562 463213	123655 463213	132465 544163 *3625

*Notes:* The subjects' frequencies of making their apparent types' (and when relevant, alternate types') exact guesses are in parentheses after the assigned type. A \* in a subject's look-up sequence means that the subject entered a guess there without immediately confirming it.

