## **SDC1: The ACBC Experiment**

Due to the adaptive nature of the ACBC task, the survey taken by each participant varied considerably based on their stated preferences. This supplement describes the three basic steps of the task and provides sample screenshots of each step.

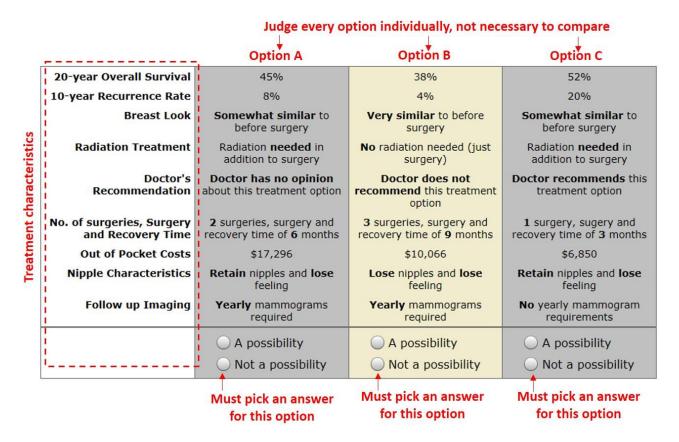
## Step 1 – Selection of "ideal" option to help narrow down sample space. This task is restricted to factors where there may not be a clear "ideal" choice.

Please imagine that you were recently diagnosed with early stage breast cancer. In addition to receiving chemotherapy, your physician has told you that you have several options for the surgical treatment of your breast cancer.

Please select the responses to each feature below that best describes your "ideal situation" when undergoing a surgical treatment for breast cancer.

Treatment Characteristic	Select your "ideal" option	
Breast Look	Select Level	
Doctor's Recommendation	Select Level	
Follow up Imaging	Select Level	

Step 2 – Screening Tasks (15 total) to help narrow down to identify participant "must have" or "deal breaker" attributes



**Step 3 – Choice tournament task to finalize rankings** 

		Option A Com	opare Com  Option B ←	opare Option C
Treatment characteristics	20-year Overall Survival	38%	38%	38%
	10-year Recurrence Rate	1 4% 1	4%	4%
	Breast Look	Not similar to before surgery	Not similar to before surgery	Somewhat similar to before surgery
	Radiation Treatment	Radiation <b>needed</b> in addition to surgery	Radiation <b>needed</b> in addition to surgery	Radiation <b>needed</b> in addition to surgery
	Doctor's Recommendation	Doctor recommends this treatment option	<b>Doctor recommends</b> this treatment option	Doctor recommends this treatment option
	No. of surgeries, Surgery and Recovery Time	1 surgery, sugery and recovery time of 3 months	2 surgeries, surgery and recovery time of 6 months	1 surgery, sugery and recovery time of 3 months
	Out of Pocket Costs	\$6,850	\$4,356	\$10,066
	Nipple Characteristics	Retain nipples and keep feeling	<b>Retain</b> nipples and <b>keep</b> feeling	Retain nipples and keep feeling
	Follow up Imaging	Yearly mammograms required	Yearly mammograms required	Yearly mammograms required
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Choose 1 of these 3 treatment options by clicking here