Description and choice data for the domain "Marijuana"

Description of the choice domain 16, `Marijuana`

The prompt question and the universe of five response options in the choice domain `Marijuana` are as follows. The labels a, b, c, d and e were not displayed during the experiment and are indicated here to allow cross-referencing with data tables and visualizations below and results in the paper.

% Marijuana

This question elicits policy preferences.

> Which one of the following marijuana policies would you choose?
> - Possession by, and sales to adults are both legal; sales to minors are illegal.
> - Possession by, and sales to adults are both illegal but neither is a criminal offense; sales to minors are a criminal offense.
> - Possession is illegal but not criminal; all sales are a criminal offense.
> - Possession and sales are criminal offenses, with a small number of medical exceptions.
> - Possession and sales are criminal offenses, without exception.

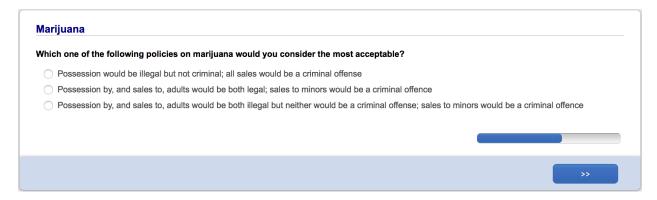The following figure is a screenshot from the actual experiment, with one of the 26 possible menus for this domain.

Marijuana

Which one of the following policies on marijuana would you consider the most acceptable?

○ Possession would be illegal but not criminal; all sales would be a criminal offense

○ Possession by, and sales to, adults would be both legal; sales to minors would be a criminal offence

○ Possession by, and sales to, adults would be both illegal but neither would be a criminal offense; sales to minors would be a criminal offence

Figure 1: Screenshot for domain Marijuana

Menu A	Choice counts					Choice proportions				
	$N_A(a)$	$N_A(b)$	$N_A(c)$	$N_A(d)$	$N_A(e)$	$\hat{P}_A(a)$	$\hat{P}_A(b)$	$\hat{P}_A(c)$	$\hat{P}_A(d)$	$\hat{P}_A(e)$
$\{a,b\}$	30	10	-	-	-	0.750	0.250	-	-	-
$\{a,c\}$	30	-	10	-	-	0.750	-	0.250	-	-
$\{b,c\}$	-	29	11	-	-	-	0.725	0.275	-	-
$\{a,b,c\}$	27	8	5	-	-	0.675	0.200	0.125	-	-
$\{a,d\}$	27	-	-	13	-	0.675	-	-	0.325	-
$\{b,d\}$	-	23	-	17	-	-	0.575	-	0.425	-
$\{a,b,d\}$	22	8	-	10	-	0.550	0.200	-	0.250	-
$\{c,d\}$	-	-	15	26	-	-	-	0.366	0.634	-
$\{a,c,d\}$	27	-	4	9	-	0.675	-	0.100	0.225	-
$\{b,c,d\}$	-	23	5	12	-	-	0.575	0.125	0.300	-
$\{a,b,c,d\}$	22	4	5	9	-	0.550	0.100	0.125	0.225	-
$\{a,e\}$	35	-	-	-	6	0.854	-	-	-	0.146
$\{b,e\}$	-	22	-	-	18	-	0.550	-	-	0.450
$\{a,b,e\}$	20	9	-	-	11	0.500	0.225	-	-	0.275
$\{c,e\}$	-	-	32	-	8	-	-	0.800	-	0.200
$\{a,c,e\}$	28	-	8	-	4	0.700	-	0.200	-	0.100
$\{b,c,e\}$	-	24	11	-	5	-	0.600	0.275	-	0.125
$\{a,b,c,e\}$	26	6	2	-	6	0.650	0.150	0.050	-	0.150
$\{d,e\}$	-	-	-	34	6	-	-	-	0.850	0.150
$\{a,d,e\}$	23	-	-	11	6	0.575	-	-	0.275	0.150
$\{b,d,e\}$	-	22	-	14	4	-	0.550	-	0.350	0.100
$\{a,b,d,e\}$	25	2	-	10	3	0.625	0.050	-	0.250	0.075
$\{c,d,e\}$	-	-	18	14	8	-	-	0.450	0.350	0.200
$\{a,c,d,e\}$	21	-	8	6	5	0.525	-	0.200	0.150	0.125
$\{b,c,d,e\}$	-	14	6	15	5	-	0.350	0.150	0.375	0.125
$\{a,b,c,d,e\}$	21	4	2	8	5	0.525	0.100	0.050	0.200	0.125

Table 1: Observed choice counts and proportions.

Choice data for domain 16, Marijuana

Table 1 shows choice counts and choice proportions for this choice domain. For each menu A and each object $x \in \{a,b,c,d,e\}$, $N_A(x)$ is the number of participants who chose object x from menu A and $\hat{P}_A(x)$ is the corresponding proportion of participants who chose x from A. When $x \notin A$, a dash is displayed.

The following figure displays choice proportions for all doubleton and tripleton menus in Barycentric coordinates. See a full description of this graphical representation in the paper. Each panel shows choice proportions for all doubleton and tripleton menus of a different tripleton subset of $\{a,b,c,d,e\}$. The downward-pointed (blue) triangle shows the set of ternary choice proportions that are compatible with regularity and the three binary choice proportions, on the corresponding tripleton. The upward-pointed (red) triangle shows the set of ternary choice proportions compatible with the multiplicative inequality and the three binary choice proportions.