Consumer Reory						
	7					
More complico	ted for f	ew ress	ons:—			
· Need to	impose	1 rationa	lity"	axiomi	on	
meference						
o Can't u	se oplimi	zation	techniq	yes on	prefeu	mels
Need to	wistrict	a u	tility_	fn	, ,	
· Consumer	problem	has for	ius i	n the	constra	rint
income	l'enbstitutio	n eff	ects.			
Widely used O normative	in econ	ronnies:				
O normative	ly usefu	l				
@ Positine	predictions					
3 widely	applicabl	e				
1 Jample /	parse 1	model				
Two approace	hes "					
1) Preference		Profes)			
2) Charces		roefere	nees			

Starting with (2): -Let X: (abstract) set of alternatines elements x & X are mutually exclusive A choice structure (B, CCO) às:-- B is a family of nonempty subsets of X - ((·) is a choice rule s.t. c(B) ⊆ B + $B \in \mathcal{B}$, $c(B) \neq \phi$ $X = \{x, y, \xi\}$ B = 8 (x, y 7, 8 x, 2 3 4 $C(\{x,y\}) = \{x\}, C(\{x,y,z\}) = \{x,z\}$ acceptable alternatives What are some "reasonable" restrictions on behaviour? · Weak Axiom of Revealed Preference (WARP) If for some B & B with x, y & B, we have x ∈ C(B), then for any other b' ∈ B with

 $x, y \in B'$, and $y \in C(B')$ we also have re CCB1). $X = \{a, b, c\}$ $\emptyset = \{\{a, b\}, \{a, b, c\}\}$ We observe ((fa,b,cz) = {b} WARP impues that c({a,by}) = 5by Why? Assume a & C({a, b3), then since 4 was chosen rehen b was available, me must have $a \in C(\{a,b,c\})$. Contradiction. $C\left(\left\{a,b\right\}\right) = \left\{b\right\}$ WARP implies C(\{a,b,c3\) = \{b3,\\$c3,\{b,c3\} (does not say anything about C) as