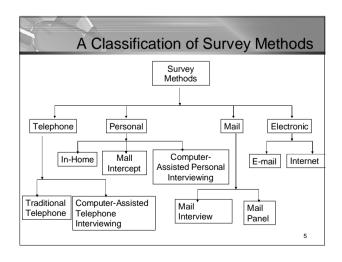
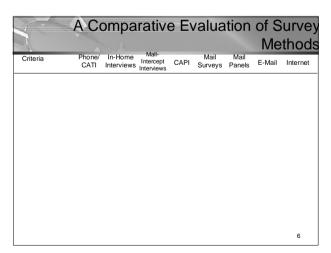




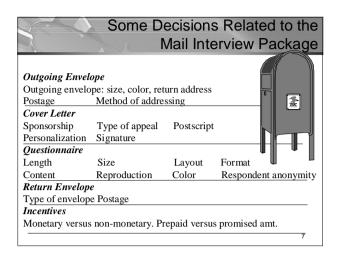
	Session Objectives
§ Survey Methods § Observation methods § Experimentation § Research proposal	
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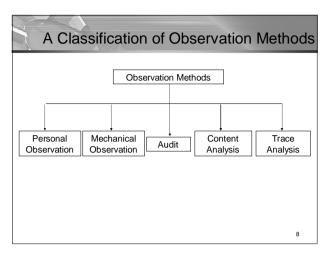
Criteria	Focus Groups	Depth Interviews	Projective Techniques
Degree of Structure     Probing of individual respondents	Relatively high Low	Relatively medium High	Relatively low Medium
Moderator bias	Relatively medium	Relatively high	Low to high
<ol> <li>Interpretation bias</li> </ol>	Relatively low	Relatively medium	Relatively high
5. Uncovering subconscious information	Low	Medium to high	High
6. Discovering innovative information	High	Medium	Low
<ol> <li>Obtaining sensitive information</li> </ol>	Low	Medium	High
<ol> <li>Involve unusual behavior or questioning</li> </ol>	No	To a limited extent	Yes
9. Overall usefulness	Highly useful	Useful	Somewhat useful





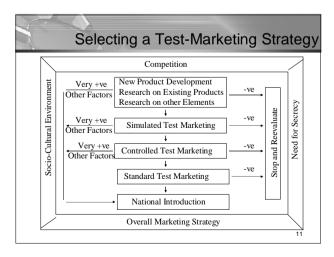
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Criteria  Personal Observation	7, 0011	nparative Evaluation of Observation				
Observation Observation Analysis Analysis Analysis  Degree of structure Low Low to high High High Medium Degree of disguise Medium Low to high Low High High Ability to observe High Low to high High Medium Low in natural setting Observation bias High Low Low Medium Medium Analysis Bias High Low Low Low Low Medium General remarks Most flexible Can be Expensive Limited to Method of			1		I.	/letnoas
Degree of disguise	Criteria	. 0.00	moonamoar	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Observation bias         High         Low         Low         Medium           Analysis Bias         High         Low to         Low         Low         Medium           General remarks         Most flexible         Can be         Expensive         Limited to         Method of	Degree of disguise Ability to observe	Medium	Low to high	Low	High	High
Constant of the Constant of Co	Observation bias		Low to		mounan	
	General remarks N	lost flexible		Expensive		
						9

A Compara	ative	Evalua	ation	of Survey
Met	hod	s for Int	terna	tional MR
Criteria Tele	phone	Personal	Mail	Electronic
High sample control	+	+	-	-
Difficulty in locating	+	-	+	+
respondents at home				
Inaccessibility of homes	+	-	+	+
Unavailability of a large	+	-	+	+
pool of trained interviewers				
Large population in rural areas	-	+	-	-
Unavailability of maps	+	-	+	+
Unavailability of current	-	+	-	+
telephone directory				
Unavailability of mailing lists	+	+	-	+
Low penetration of telephones	-	+	+	-
Lack of an efficient postal system	+	+	-	+
Low level of literacy	-	+	-	-
Face-to-face communication culture		+	-	-
Poor access to comps. & Internet	+	. +	?	-
Note: A (+) denotes an advantage, a	and a (-)	denotes a dis	advantage	Э.
				10



Factor	Laboratory	Field
Environment	Artificial	Realistic
Control	High	Low
Reactive Error	High	Low
Demand Artifacts	High	Low
Internal Validity	High	Low
External Validity	Low	High
Time	Short	Long
Number of Units	Small	Large
Ease of implementation	High	Low
Cost	Low	High

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## Validity in experimentation

- § Internal validity
- § External validity

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## Experimentation

- § After Only Design
- § Before After Design
- § Before After with Control Group
- § Four Group Six Study
- § After only with Control Group
- § Ex Post Facto Design
- § Randomized block design
- § Latin square design
- § Factorial design

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## Building Accord According to Personal Observation

Honda Motor Co. had a lot of complaints on their sporty, restyled Accord (not big enough for U.S. drivers, not stylish enough for the Japanese drivers). Being afraid to lose its market, Honda sent teams to visit U.S. families and observe how the Americans used their Honda Accords. By personal observation, the teams found out that the Americans like lots of compartments for storing maps and change. The teams also actually took U.S. road trips in Accord and in Ford Taurus and Toyota Camry as its rivals in midsize cars. The results of this observation study were used to design a new 1998 Accord for U.S. drivers which has 101.7 cubic feet for passenger space compared to 101.5 cubic feet for Ford Taurus and 97.9 cubic feet for Toyota Camry. Moreover, Accord also delivered higher customer value by cutting the price.

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## Research Proposal

- § Executive summary
- § Background
- § Problem definition / Objectives of the research
- § Approach to the problem
- § Research design
- § Field work / Data collection
- § Data analysis
- § Reporting
- § Appendices

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