UnitusTI Best Practices: Data Acquisition Types (DATs)

Discrete Trial

- Number of trials is the same for each session
- Order of target is set in configuration
- New targets appear automatically
- Concurrent target percentages are collapsed and graphed as one data point
- Concurrent targets are mastered together
- Template target type is usually *label*

Tutorial video:

- DAT: Discrete Trial Data https://youtu.be/Gvt22D0kMu0

Probe

- Number of trials is the same for each session
- Order of targets is set in configuration
- Percentage correct is calculated for each target separately
- When one target is mastered, a new one automatically appears but targets that were not mastered remain in acquisition
- Data point is recorded for each target on the graph
- Data must be completed on all current target to record data
- Template target type is usually *label*

Tutorial video:

- DAT: Probe Data https://youtu.be/ps4n3hhvM9Q

Natural Environment (NET)

- A minimum number of trials can be set
- Trials can be added and deleted while the program is being run
- A minimum number of targets can be set to be displayed
- Targets can be added to the data page in any order
- Percentage correct calculated for each target separately
- Targets are mastered separately
- Data point is recorded for each target on the graph
- Template target type is usually *label*

Tutorial video:

- DAT: Natural Environment Data https://youtu.be/f1041nX42RQ

Frequency

- Target type in template must be set to "numeric"
- Optional count down timer
- Tally button counts up
- Template target type is *numeric*

Tutorial videos:

1. DAT: Frequency Data (Ascending) https://youtu.be/aM_Y-j5WLZQ
2. DAT: Frequency Data (Descending) https://youtu.be/oyTPZ3n44uw

Duration

- Target type in template must be set to "time"
- Timer counts up
- Timer can be stopped and restarted
- Template target type is *time*

Tutorial videos:

1. DAT: Duration Data (Ascending) https://youtu.be/J_gnejrJREc
2. DAT: Duration Data (Descending) https://youtu.be/kFcYKEilyrA

Interval

- Target type in template must be set to "time"
- Can be used for whole, partial or momentary time sampling
- Timer counts interval time
- Data points appear when each interval is complete
- Number of data points depends on total duration set in configuration as a target time
- Template target type is *time*

Tutorial video:

- DAT: Interval Data https://youtu.be/kFcYKEilyrA

Task Analysis	Rating Scale	Target Types

• Can be set as forward chain, backward chain, or total task in configuration
• Forward chain allows data to be taken from the first step to the last step only as steps are mastered
• Backward chain allows data to be taken from the last mastered step to the first step
• Total task allows data to be taken in any order
• Template target type is usually *label*
 	
Tutorial video:
• DAT: Task Analysis https://youtu.be/0XjBlu0y5r8
	• Scoring criteria must be set in template
	• Target type in the template does not matter, though label is recommended
	• Choose to track the number of prompts required while configuring the program – note that this cannot be changed once the program has been assigned
	• Template target type is usually *label*
	
	Tutorial video:
	• DAT: Rating Scale https://youtu.be/uo2zmxc-7Lg
		• LABEL allows you to use:
		  ◦ Discrete trial
		  ◦ Probe
		  ◦ NET
		  ◦ Task Analysis
		  ◦ Rating scale (if scoring criteria is present in template)
		• TIME allows you to use:
		  ◦ Duration
		  ◦ Interval
		  ◦ Discrete trial, probe, NET, rating scale
		• NUMERIC allows you to use:
		  ◦ Frequency
		  ◦ Discrete trial, probe, NET, rating scale