

LISTING BY FREQUENCY OF OCCURRENCE : BY LEVEL				
Obs. No.	Task No.	Freq. Occ.	Freq. Pred.	Problem description
11	3	7	10	Selected text before or after required word
9	2	6	11	Difficulty finding the move (arrow) cursor
2	1	5	2	Selected (and moved) text before or after required sentence (as well as sentence itself)
3	1	4	5	Did not select spaces before (or after) sentence
19	5	4	0	Switched Caps Lock on (while selecting chars to correct)
5	1	3	2	Cancelled (correct) sentence selection
12	3	3	1	Selected space before (or after) required word
13	3	3	1	Selected empty paragraph (marker) before (or after) required words
18	5	3	6	Selected too many or too few chars in word (adjacent to, or in, the chars to correct)
4	1	2	2	Under-selected sentence (first click in text)
8	2	2	2	Cancelled cell selection (clicked outside cells)
10	2	2	4	Dropped cell(s) in wrong place
17	5	2	0	Selected text before or after word to be corrected
1	1	1	4	Difficulty distinguishing required sentences from rest of text
6	1	1	7	Dropped (correct) sentence in wrong place (end/middle of sentence)
7	2	1	2	Over- or under-selected cells to move
14	3	1	0	Under-selected word
15	3	1	0	Cancelled word selection
16	3	1	4	Held down B key
20	5	1	0	Cancelled (characters within word) selection
21	5	1	0	Pressed UP/DOWN arrow keys
21	cnt	54	63	sum
<b>RULE</b>		Freq. O	Freq. Pred.	
22	4	6	12	Tried to use Command+B (on single or multiple cells, select or insertion mode)
25	6	6	16	Tried to use (shift+) arrow keys
24	6	5	8	Difficulty getting into insertion mode (in cell)
23	4	3	9	Did not find correct shortcut (Control+B or Command+Shift+B) without being prompted
26	6	3	5	Selected too many or too few chars in cell (adjacent to, or in, the chars to correct)
21	cnt	54	63	sum
<b>KNOWL</b>		Freq. O	Freq. Pred.	
30	7	7	6	Failed to accept Filter input (click out of cell; press <return> or <enter>; use tick box in formula bar)
29	7	3	1	Entered lower case filter criteria ('a', 'b')
39	7	3	0	Tried to move both Group and Score cells to middle table (after successful attempt)
33	7	2	0	Deleted previous result (target range) before subsequent attempt
34	7	2	0	Put second filter entry ('B') below 'A', not in place of 'A'
36	7	2	0	Appended re-selected (incorrect) range (source or target) to dialogue box field contents
37	7	2	7	Did not select 'Copy to Another Location' option (radio button) on attempt(s) subsequent to first
27	7	1	1	Could not find Data (--> Filter --> AutoFilter) menu
28	7	1	0	Selected menu item below Filter ('Form...')

Appendix I

Experiment 3 Problem Listing

31	7	1	9	Omitted column headings from list range selection (using in-sheet selection)
	7		0	Did not select or specify both Group and Score columns of list range
	7		0	Did not select all rows of list range (using in-sheet selection)
32	7	1	1	Selected (or typed in) one dialogue box range for another (Copy range for Criteria)
35	7		0	Clicked dialogue box OK before finished making selections (on subsequent attempt to the first)
38	7	1	0	Re-selected source ranges (List, Criteria, Copy to) on attempts subsequent to the first
40	7	1	0	Under- or over- selected successfully filtered scores (for move to middle table)
14 cnt		28	25 sum	
40 Cnt		105	138 Sum	