Pure Essential Oil vs. Blend: Word Recall Memory **Strategies**

Presenter: Victoria Anders

- Participants using the elaboration memory strategy will recall more words on a paired-association memory task than participants using the repetition memory strategy. Participants in a room with the Motivate essential oil blend will recall more words on a paired-association
- nemory task than participants in a room with the pure eppermint essential oil.

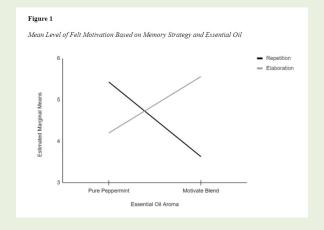
- cognitive performance more than pure peppermint oil.

 Peppermint was perceived more intense and pleasant



Students using elaborative rehearsal recall more words than those using repetition.

Pure oil is more pleasant and intense than the blend, but the perception of felt motivation with oils depends on the complexity of the processing strategy.





DEPARTMENT OF PSYCHOLOGY, CRIMINAL JUSTICE AND SOCIOLOGY

Mean Words Recalled on a Paired-Association Memory Task

Essential Oil	and the same of th				
	Repetition		Elaboration		
	M	SD	M	SD	
Pure Peppermint	6.00	1.12	12.00	1.33	
Motivate Blend	5.88	1.05	11.67	0.99	

Table 2

Mean Intensity and Pleasantness Perceptions of Essential Oil Aroma				
Condition	Manipulation Checks			
	Intensity	Pleasantness		
	M (SD)	M (SD)		
Peppermint, Repetition	3.43 (1.51)	6.00 (0.82)		
Peppermint, Elaboration	4.60 (0.89)	6.20 (0.84)		
Motivate, Repetition	3.25 (1.67)	4.25 (1.91)		
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