

Topic.1	Topic.j...	Topic.m
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Valence.1
Valence.i...
Valence.n



$(w(t_1), d_{t1}(o_1))$	$(w(t_j), d_{tj}(o_1))$	$(w(t_m), d_{tm}(o_1))$
$(w(t_1), d_{t1}(o_i))$	$(w(t_j), d_{tj}(o_i))$	$(w(t_m), d_{tm}(o_i))$
$(w(t_1), d_{t1}(o_n))$	$(w(t_j), d_{tj}(o_n))$	$(w(t_m), d_{tm}(o_n))$
User.u subjective model		