

## BI / read / 17

BI 1	query	BI / read / 17			
BI 2	title	Information propagation analysis			
BI 3	pattern				
BI 4					
BI 5					
BI 6					
BI 7					
BI 8					
BI 9					
BI 10					
BI 11					
BI 12					
BI 13	desc.	<p>This query aims to identify instances of “information propagation” when a Person (person1) submits a Message (message1) with a given Tag (tag) to a Forum (forum1). This is read by other members of forum1, Persons person2 and person3. Some time later (specified by the delta parameter), these persons have a discussion with the same tag in a different Forum (forum2) where person1 is not a member. The discussion consists of a Message (message2) by person2 and a direct reply Comment (comment) by person3.</p> <p>Return IDs of person1 with the number of interactions their Messages (might have) caused.</p>			
BI 14					
BI 15					
BI 16					
BI 17	params	1	tag	Long String	Tags with a similar amount of Messages are selected
BI 18		2	delta	32-bit Integer	Measured in hours, selected to be between 8 and 16 hours.
BI 19	result	1	person1.id	ID	R
BI 20		2	messageCount	32-bit Integer	A
	sort	1	person1.id	↑	
	CPs	2.1, 2.3, 8.1			