







# Research

## of Event label on Twitter datasets

Finally, we annotated the source tweets by referring to the labels of the events they are from. We first turned the label of each event in Twitter15 and Twitter16 from binary to quaternary according to the veracity tag of the article in rumor debunking websites (e.g., [snopes.com](http://snopes.com), [Emergent.info](http://Emergent.info), etc). Then we labeled the source tweets by following these rules: 1) Source tweets from unverified rumor events or non-rumor events are labeled the same as the corresponding event's label; 2) For a source tweet in false rumor event, we flip over the label and assign true to the source tweet if it expresses denial type of stance; otherwise, the label is assigned as false; 3) The analogous flip-over/no-change rule applies to the source tweets from true rumor events.

Ma, Gao, and Wong 2017

	<b>True</b> This rating indicates that the primary elements of a claim are demonstrably true.
	<b>Mostly True</b> This rating indicates that the primary elements of a claim are demonstrably true, but some of the ancillary details surrounding the claim may be false.
	<b>Mixture</b> This rating indicates that a claim has significant elements of both truth and falsity to it such that it could not fairly be described by any other rating.
	<b>Mostly False</b> This rating indicates that the primary elements of a claim are demonstrably false, but some of the ancillary details surrounding the claim may be true.
	<b>False</b> This rating indicates that the primary elements of a claim are demonstrably false.
	<b>Unproven</b> This rating indicates that insufficient evidence exists to establish the given claim as true, but the claim cannot be definitively proved false. It is used for claims for which there is little or no affirmative evidence, but for which declaring them to be false would require the difficult (if not impossible) task of proving a negative or accurately discern someone else's thoughts and motivations.

<https://www.snopes.com/fact-check-ratings/>

<div>Unverified</div>	<div>APPLE</div> <div>Claim: Samsung will supply application processors for Apple Watch</div> <div>Originating Source: <a href="http://businesskorea.co.kr">businesskorea.co.kr</a> Added Nov 26</div>
<div>True</div>	<div>VIRAL</div> <div>Claim: A man in England is wanted by police for slapping people who sneeze in public</div> <div>Originating Source: <a href="http://newsandstar.co.uk">newsandstar.co.uk</a> Added Mar 23</div>
<div>False</div>	<div>VIRAL</div> <div>Claim: Doctors confirmed the first case of death by genetically modified food</div> <div>Originating Source: <a href="http://worldnewsdailyreport.com">worldnewsdailyreport.com</a> Added Mar 9</div>

<http://www.emergent.info/>

