

**sub-category**

topic2-sub2  
topic2-sub1  
topic1-sub3  
topic4-sub2  
topic2-sub3  
topic1-sub2  
topic4-sub3  
topic3-sub2  
topic1-sub4  
topic4-sub4  
topic3-sub1  
topic1-sub1  
topic4-sub1

0 2 4 6 8 10 12 14 16 18

**frequency**

