## **BI / read / 11**

BI 1	query	BI / read / 11
BI 2	title	Friend triangles
BI 3 BI 4 BI 5 BI 6 BI 7 BI 8 BI 9 BI 10 BI 11 BI 12 BI 13	pattern	Country name = \$country isPartOf City isLocatedIn personA: Person knows knows.creationDate in [\$startDate, \$endDate] personC: Person
BI 14 BI 15 BI 16 BI 17 BI 18 BI 19 BI 20	description	<ul> <li>For a given \$country, count all the distinct triples of Persons such that:</li> <li>personA is friend of personB,</li> <li>personB is friend of personC,</li> <li>personC is friend of personA,</li> <li>and these friendships were created in the range [\$startDate, \$endDate].</li> <li>Distinct means that given a triple t<sub>1</sub> in the result set R of all qualified triples, there is no triple t<sub>2</sub> in R such that t<sub>1</sub> and t<sub>2</sub> have the same set of elements.</li> </ul>
	params	1\$countryLong StringSelected from the largest Countries (India, China)2\$startDateDateSelected from a 30-day interval towards the end of the simulation time3\$endDateDateSelected to yield around a 100-day interval
	result	1 count 64-bit Integer A
	limit	n/a
	CPs	2.3, 2.5, 3.2