

				The same of the sa	SAME TO SERVE	
-		Degree	Clustering	Clareness	Betweenness	
Je	n	3	10	3/8	O O O	
	arry	3	1	3/8	0	
7	ene	3	1	3/8	0	
100	ail	4	1/2			
2000	da			1/2	18	
10000	_	2	0	9/16	20	
	lice	5	3/10	9/16	22	
	avid	2	1	9/23	0	
	arl	3	2/3	9/22	1/2	West
100	rank	3	2/3	9/22	1/2	
1	rnst	2	1	9/23	0	
100 10	1110	10			-21	
1	1=0	· 12 ejk:	V, Vx E	Ni, CjkE	Ell a measure to which no tend to cla	e of the dogre
e)			k; (k; -1)		to which n	odes in a graph
				P	tena to ca	Stel sofether
		"	where wi	= {V; ! eij	eEVejieE}	- set of
						neighbors
			K;	= N! = 90	eg (V;)	
			1 19		f G-undire	4-1
			0	_ 5° 2, '	+ Or- undire	crea
			0	7	P 0 1 - to	1
				(1, 1	f G-directe	d
	P				1 0	
	10	jk Vj.	VKENI, 62	KEEZ- the	e number of	eages
				bet	e number of ween neighbors	
	C: =-	2.3		Ch=4	2.8 = 1	
	9	3. X = 3			3.2 = 1	
					A. O	
C	2	3-1		Ca = 4	2.8 = 1	
	3	3 = 1			4.3 = 1 2	
_	2	0 - 0		Co =	2.3 3	
	6-2	1=0			5-4, 10	
	2	.4 _ ,		C =	2-2-2	
	4 2	1 = 1			3.2 = 3	
	2	-8 2		0 -	2.1 = 1	
(f = 2	$\frac{2}{2} = \frac{2}{3}$		6-	2.1 = 1	
	, 3	. 6				

(e) =
$$\frac{1}{N} \stackrel{?}{\searrow} \stackrel{?}{\searrow} \stackrel{?}{\searrow} \stackrel{?}{\longrightarrow} \stackrel{?}{\longrightarrow$$

Bob and Alice are the most central node according to the closeness centrality (have the highest coefficienty)

B(V) =
$$\frac{\sqrt{3}}{\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}} + \frac{\sqrt{3}}{\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}}$$

Where $\frac{\sqrt{3}}{\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}} + \frac{\sqrt{3}}{\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}} + \frac{\sqrt{3}}{\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}}$

Where $\frac{\sqrt{3}}{\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}} + \frac{\sqrt{3}}{\sqrt{3}} \frac{\sqrt{3}}{$

$$B(d) = \frac{0}{1} + \dots = 0$$

$$d = a d + d = e$$

$$B(c) = \frac{0}{1} + \frac{1}{2} + \frac{0}{1} + 0 = \frac{1}{2}$$

$$B(f) = \frac{0}{1} + \frac{1}{1} + 1 + 0 = \frac{1}{2}$$

$$B(e) = \frac{0}{1} + \dots = 0$$
Alice is the most central node according to the betweenness centrality (has the highest coefficient)