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(RCA)

RCA

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(WTO)

(UNIDO)

(ISIC)

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- 1. United Nations Industrial Development Organisation.**
 - 2. World Trade Organization.**
 - 3 . International Standard Industrial Code.**

$$IV_i = \left[\left(\frac{v_i}{v_T} \right)_t / \left(\frac{v_i}{v_T} \right)_0 \right]^{1/n} \quad ()$$

t

: i
: t
: n

: V
: T
: O
: IV

IV_i

()

(

Y X

$X_m \dots X \quad X \quad X \quad X : (X)$

$Y_m \dots Y \quad Y \quad Y \quad Y : (Y)$

i

m t

X_i

$Y_i (V_i / T)$

Y

X

ISIC

t

(

Y X

$$\cos \theta = \frac{X'Y}{\sqrt{X'X} \sqrt{Y'Y}} \quad ()$$

$$\theta = \text{Arc cos} \frac{X'Y}{\sqrt{X'X} \sqrt{Y'Y}} \quad ()$$

n *

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$$\cos \theta = \frac{\sum_{i=1}^n X_i Y_i}{\sqrt{\sum_{i=1}^n X_i^2} \sqrt{\sum_{i=1}^n Y_i^2}} \quad ()$$

$$\theta = \text{Arc cos} \frac{\sum_{i=1}^n X_i Y_i}{\sqrt{\sum_{i=1}^n X_i^2} \sqrt{\sum_{i=1}^n Y_i^2}} \quad ()$$

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1. Domestic Resource Cost (DRC)

$$RCA_{ai} = (X_{ai} / X_{ae}) / (X_{ad} / X_{ae}) = X_{ai} / X_{ad} \quad ()$$

:

:X

:d

: i

$$RCA = (X_{ai} / X_{ac}) / (X_{mi} / X_{mc}) \quad ()$$

: X_{ai}

: X_{ac}

: X_{mi}

: X_{mc}

(

$$RCA_{ai} = (X_{ai} / X_{ti}) / (X_{aw} / X_{tw}) \quad ()$$

:

X_{ai}

X_{aw}

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1. Liesner

2. Bela, Ballasa, "Trade Liberalization and Revealed Comparative Advantage", The Manchester School Of Economic And Social Studies, Vol. 33, 1965, pp. 99-123.

Balassa, Bela, "Revealed Comparative Advantage Revisited: An Analysis of Relative export shares of the industrial countries, 1953-71", The Manchester School of Economic and Social Studies, 1977.

3. Thomas I. Vallrath

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$$\begin{aligned}
 & \text{RCA}_{ai} = \text{NI}_{ai} = (\text{PI}_{ai} - \text{NI}_{ai}) \\
 & \text{NI}_{ai} = T_{ai} (Y_i / Y_w) \cdot (Q_{aw}) \\
 & \text{PI}_{ai} = Q_{ai} (Y_i / Y_w) \cdot (Q_{aw})
 \end{aligned}
 \quad \begin{array}{l}
 \text{(PI)} \\
 \text{(NI)} \\
 () \\
 () \\
 ()
 \end{array}$$

Y_w Y_i
 T_{ai} Q_{aw}

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1. Thomas L. Vallrath, "A theoretical Evaluation of Alternative trade Intensity Measures of Revealed Comparative Advantage", *Welsh Wirtschaftliches. Archive*, Vol. 127. 2, 1991, pp. 265-280.

2 . H . Boon.

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		1379	1378	1377	1379	1378	1377		
0/9764	0/9733	39/54	39/53	42/89	507922	502799	351446		15
0/9700	0/8795	9/72	12/74	14/29	124872	161994	117099		17
0/9335	0/8961	0/47	0/74	0/65	6019	9412	5336	...	18
0/9474	0/9218	9/94	9/82	12/69	127694	124899	104000	...	20
1/0211	1/2893	10/49	10/83	4/90	134786	137784	40119		21
0/9260	1/1160	0/48	0/49	0/35	6175	6222	2834		22
1/0319	0/9489	2/18	2/20	2/55	28034	28009	20927		24
0/9796	0/9773	1/56	1/18	1/67	20018	14985	13680		25
0/9915	1/0500	8/96	7/02	7/74	115127	89241	63440		26

		()			()				
		1379	1378	1377	1379	1378	1377		
1/0058	1/2584	3/44	2/50	1/73	44241	31818	14163		27

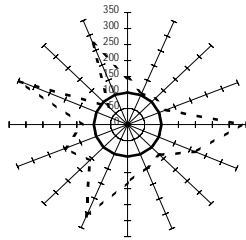
		()			()				
		1379	1378	1377	1379	1378	1377		
0/9877	1/0033	2/08	2/27	2/06	26720	28874	16878	...	28
0/9708	1/0843	2/75	2/98	2/16	35334	37880	17681		29
0/9790	0/9483	1/53	1/73	1/79	19611	21979	14668		31
1/0450	1/3011	1/49	0/99	0/68	19186	12566	5556		34
0/9913	0/7925	0/55	0/83	1/10	7037	10529	9019		35
0/9671	1/2043	4/81	4/15	2/75	61749	52794	22549	...	36
		100	100	100	1284525	1271785	819395		

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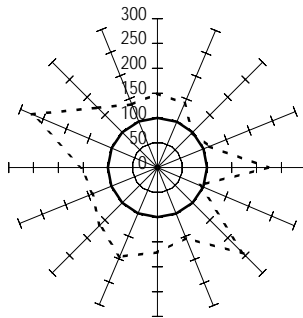
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(1)



(2)



$$RCA_i = \frac{\frac{i}{\dots}}{\frac{i}{\dots}} \quad ()$$

RCA

RCA

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$$RCA = IV_i$$

$$RCA = IV_i$$

$$SIV_i = \frac{IV_i - 1}{1 + IV_i} \quad ()$$

$$SRCA = \frac{RCA - 1}{1 + RCA} \quad ()$$

$$() (+)$$

$$SRCA = SIV_i$$

$$SIV_i$$

$$SRCA$$

$$SIV_i$$

$$()$$

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$$SRCA = SIV_i$$

SIV_i

SRCA

	SRCA	SIV _i	RCA	IV _i	ISIC
-	0/512	-0/01 3	3/096	0/973	
-	0/258	-0/06 4	1/696	0/879	
-	-0/18 5	-0/05 5	0/687	0/896	
-	0/886	-0/04 1	16/56 2	0/922	
+	0/694	0/126	5/527	1/289	
-	-0/34 5	0/055	0/486	1/116	
-	-0/76 7	-0/02 6	0/132	0/949	
-	-0/40 8	-0/01 1	0/420	0/977	
-	0/158	0/024	0/726	1/049	
-	-0/71 7	0/114	0/164	1/258	
-	-0/34 5	0/002	0/486	1/003	
-	-0/43 9	0/041	0/389	1/084	
-	-0/32 5	-0/02 6	0/508	0/948	
-	-0/83 4	0/131	0/09	1/301	
-	-0/10	-0/11	0/814	0/792	

	2	5			
+	0/757	0/093	7/245	1/204	

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SRCA SIVi

SIVi

SRCA

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