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- II. , 1969
- III. , 1960
- IV. , 1972
- V. , 1867
- VI. , 1936
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(1784/1912, . 158)

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(1897)

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(2013, § 6.2):
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Rao (1993, . 337)

[x],

... (Fisher 1951, . 36 – 37).

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[...]

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Statistical Digests.

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Graham Wallas,

[. § 11].

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Urban Dynamics (1969).

[12]

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4. I. 1662 .
- 12, 2, 14:13.
5. Freudenthal (1961, p. xi)
- 6.
7. Bäderker 1832 .
Whitaker – 1868 .

8. Nordenmark (1929) 1749 .
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 (1961). . . .
14. , , , ,
15. , . (2003b, . 33 – 36).
 (2013, . 16, . 9)
16. (Quetelet 1846, . 169):
17. ,
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W. F. Maunder.

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1888 – 1889 .

Fleetwood (1707).

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Souls, - , 1440 1460 . All
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8. Gian Rinaldo Carli (1720 – 1795),

(1746)

[?], [?]

$$I_2 = \frac{1}{n} \sum (p_1/p_0). \quad (2)$$

$n -$ (= 3?).

9. , Dutot

(1913) XVIII . W. C. Fisher []

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[1050(50)1650, 1675, 1700, 1720, 1740(10)1790, 1795 1800 . 26 144, 238 562 1600, 1700 1800 .]

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16. Young (1812, .67) , [] ,

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17. (1812)

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(1812, . 134)

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21. 1831], (Lowe 1822)

22. .9

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$$I_3 = \sum (p_1/q_0) \div \sum (p_0/q_0). \quad (3)$$

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$$I_4 = \sum (p_0/q) \div \sum (p_1/q), \quad (4)$$

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Scrope,
 (1833a).

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1856 .,

(Cross 1837),
Aberdeen Herald.

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34. 1, 2, 3 6 ; 7 -
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35. 5
(1864; 1871); Drobisch (1871); Paasche (1874; 1878⁷).

(3).

$$I_5 = \sum(p_1/q_1) \div \sum(p_0/q_1). \quad (5)$$

36. (3) (5)

$$I_T [\quad],$$

Irwing Fisher (1927)

$$I_3 \quad I_5$$

$$I_6 = \sqrt{\frac{\sum(p_1q_0) \sum(p_1q_1)}{\sum(p_0q_0) \sum(p_0q_1)}}. \quad (6)$$

$$I_7 = \frac{\sum[p_1(q_1 + q_0)]}{\sum[p_0(q_1 + q_0)]}. \quad (7)$$

37.

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(§ 23),

Palgrave (1886)

$$I_8 = \frac{\sum p_1 q_1 (p_1/p_0)}{\sum (p_1 q_1)} \quad (8)$$

39. 1900 .

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Chambers Enc.

Frisch (1939).

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3. 1785 . (1751 – 1801)
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7. 1900 . ?
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(ratio chart,

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[49, . 190; 50, . 101; 56],

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[?] [32, 42, . 657].

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Funkhauser [16] [17]
J. Lond. Stat. Soc. 1841 .
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P. A. Dufau 1840 . 1805 . Jacques Peuchet
Carl Knies,

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Funkhauser

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Boulton & Watts (

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[1; 10, . 15, . 1300 – 1301; 42, . 3, . 116 –
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Tomahawk, .
Anticipation,
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Galignani's Messenger. 1806 .

Edinburgh Review

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Gentlemen's Magazine
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[5]:
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[51, . 15 – 16, 57, 298].

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London Economist,

(, 1836 – 1843)

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[57, . 203]:

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Merchant's Magazine (7, 8 9).

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[15, . 690]

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[51, . 4 – 11, 22 – 28; 57,
. 174; 33, . 15].
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Praed, Mackworth & Babbage. 1811 .
- 1814 . 1817 .
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- [10, . 1, . 776 – 778; 12, . 2, 374; 42, . 1, .
75 – 77].

(1832; 1833, , 1835).

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Annual Reports

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[41, . 30 – 31],
(1910), :

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[, 1871 .,
[40, . 25 – 26; 22, . 65 – 70].

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[51, . 115 – 116]

1861 – 1871 .,

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1838 – 1854 . [57, . 137, 144, 147, 161, 219].

1840 – 1882 . 1847 .,
1855 – 1867 . 1871 – 1875 . [51, .
60 – 61, 95 – 96].

216 . 1864 .
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(, 1853;
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, 1867; , 1869; , 1872;

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D'Espine

[40, . 173,177; 14].

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[10, . 6, . 1090 –

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Medical Annual,
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British Annals of Medicine.

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Lancet,

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(*Reports*)

[49, .

76; 50, . 42].

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[51, . 69]:

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6. , 1820 – 1882

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[51, . 88].
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[32, . 32, . 365 – 366, 373] :
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[32, . 32, . 365 – 366, 373].

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Harrowly,

. *Annals* :

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[42, . 3, . 17 – 18].

[48, . 34, . xvii – xix].

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Economist, Wilson, Bagehot Palgrave.

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Morning Chronicle [48, . 34, . xvii – xix].

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Economist, Fortnightly Review, Pall Mall Gazette, Statist Times [33, . 367 – 368; 49, c. 176; 50, c. 93].

Thirsk

[?], Fire and Life

(). 1843 .

1846 .,

Agra Bank.

[39]. 1851 .

Globe Insurance

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Glynn, Mills & Co.,

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[10, . 14, . 352 – 354; 12, . 11, . 368 – 369]. 1861

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28 1862 . [30, . 173]:

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[9, . 32, . 157 – 159].

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1806 – 1860 . ; 1845 –

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[. . .].

¹⁸ [29, . 2 – 11].

[35, . 523 – 524; 53]

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. 203 – 204].

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[35, . 525 – 526; 53]

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[9 (1887), . 247 – 301;
(1888), . 181 – 232; (1889), . 133 – 164; (1890), . 485 – 488].

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1872 . [1772 .?].

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(*Nature*, 14

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Wesley C. Mitchell

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(. 31, 1868);

(. 41, 1878).

Annals

1870 .

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1868 – 1869 .

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 [31; 12, . 8, . 389 – 391] 1863 . ,
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 [10, . 10, . 811 – 815; 11 (1957), . 13,
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 pie chart, bar chart, bar graph :
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Eisenhart (1964)².

y_i

$$y_i = + x_i, i = 1; 2, \dots, n. \tag{1}$$

$\hat{}$, $\hat{}$,

$$y_i = \hat{} - \hat{x}_i = v_i,$$

$v_i -$

$$v_i = 0, \quad v_i = \min. \tag{2a, b}$$

(1)

. Eisenhart (1961).

$$v_{\max} = \min.$$

(Sheynin 1966)³.

1783 .

1789 . v_i

1805 . 1795 ., v_{max} .
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Dunnington (1955, . 68),
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Dunnington (1955, . 113) [, ,] .
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(Dunnington 1955).

: *J'aime mieux faire mûrir les choses* (

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$$x \cos \theta + y \sin \theta = p \quad (1)$$

$$y = mx + c$$

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(Reprint, .6, .72)

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- Kendall & Doig (1968, . 17)
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(Fishberg 1905 – 1907).

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London, 1888/1891, pp. 311 – 313, 324 – 329, 344 – 348

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VIII

Karl Pearson, Science and Monte Carlo.
Fortnightly Review, vol. 55, 1894, pp. 183 – 193

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(1894), . David (2001, . 226).
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6. (1777, § 18),
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10. (Bertrand 1888, p. XXII).
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13. $31 \frac{374}{48} = 653$
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15. $17 + 10 + 15 + 1 = 43$, 37.
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17. $15 \frac{292}{37} + 15 \frac{283}{37} = 30 \frac{575}{37}$. 799 $\frac{1}{39,27}$
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Francis Galton (,
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