

15/1

$$\frac{1}{2} \left(\frac{1}{2} + \frac{1}{2} \right) = \frac{1}{2}$$

$$\frac{1}{2} \left(\frac{1}{2} + \frac{1}{2} \right) = \frac{1}{2}$$

$$B(1/2) = \int_0^1 x^2 dx = \frac{1}{3}$$

Intropy Yule p. 72

$$P_{ij} = \frac{1}{n} \sum_{k=1}^n x_k^i x_k^j$$

$$I = \frac{1}{n} \sum_{i=1}^n x_i^2$$

$$B(1/2) = \int_0^1 x^2 dx = \frac{1}{3}$$