

THREE-YEAR IMPACT FACTOR OF THE RUSSIAN SCIENTIFIC JOURNALS AND ITS CORRELATION WITH OTHER BIBLIOMETRIC INDICATORS

A.A. Sidorin

Plekhanov Russian University of Economics, Moscow, Russia

Abstract. Information on three-year impact factor of Russian scientific journals is considered using the data base of the Russian Index of Scientific Citation (RISC). A correlation analysis of three-year impact factor with other bibliometric indicators of the journals is performed. Very high linear correlation between three-year and two-year impact factors is revealed. The three-year impact factors are less than two year ones for the most part of the journals. Unexpected weak negative correlation of the three-year impact factor with the self-citation rate is observed. The results obtained are used to discuss some problems of practical application of some bibliometric indicators.

Keywords: scientific journals, bibliometric indicators, correlation analysis, three-year impact factor, two-year impact factor, self-citation rate, impact factor adjusted for self-citation.