

## **COMPARATIVE OF SIGNIFICANT RELATIONS OF INFORMATION AND COMMUNICATION TECHNOLOGIES INDICATORS AND ASSOCIATED TO WITH HOLDING RATES, COMPLETION RATES, GRADUATION, WORK INTEGRATION, AND SATISFACTION INDICATORS IN PUBLIC UNIVERSITIES IN MEXICO**

**FABIOLA RAMIRO MARENTES<sup>1</sup>, JOSÉ LUIS ARCOS VEGA<sup>2</sup>,  
MANUEL DE JESÚS LARA SALAZAR<sup>3</sup> & MARCELA BARRERAS HERNÁNDEZ<sup>4</sup>**

<sup>1,2,4</sup>Universidad Politécnica de Baja California, Calle de la claridad SN,  
Col. Plutarco Elías Calles, Mexicali, Baja California, Mexico

<sup>3</sup>Universidad Autónoma de Sinaloa, Prolongación Josefa Ortiz de Domínguez S/N,  
Cd Universitaria, Culiacán Rosales, Sinaloa, Mexico

### **ABSTRACT**

Comparative correlation analysis of 2015 and 2017 of information and communication technology indicators and indicators associated with academic results in higher education public institutions. Method: quantitative, non-experimental, cross-sectional, correlative. The objective to compare the significant relations between the indicators of education programs that incorporate the environment telematics and sustainable development in their programs, with indicators of graduation, withholding rates, completion efficiency, work integration, and graduates and employer satisfaction. We analyzed 58 state public universities that presented their Education Quality Strengthening Program of the Ministry of Public Education in 2015 and 2017; these were also processed in the statistical package for social sciences (SPSS), obtaining the correlation coefficients, Pearson  $r$ . The results showed relations under 0.5 on both years.

**KEYWORDS:** TIC, Academic Results, PFCE, Public Universities & Higher Education