technologically supported education creates greater initial costs, alongside with uncertain outcomes (Bown, 2013).

Despite the divided opinions, it can be concluded that the decision to move education to the domain of Cloud computing/services still depends on individual preferences and numerous contextual factors, especially in the developing regions (countries), where a noticeable digital divide is still present.

Due to the conducted statistical analysis through the pilot study realized at the University of Montenegro (UoM) and Mediterranean University (MU), it can be concluded:

(a) There is a **strong positive correlation** between the dependent variable *intention to adopt Cloud services in higher education*, and the following independent variables:

- Actual use of Cloud services (0.759);
- Organizational attribute: younger users (0.694);
- Usage factors: easy to use, easy to create new content and self-evaluation possibilities (0.648);
- Technical factor: data security (0.633);
- Organizational attribute: organizational culture (0.582);
- Innovation factors: compatibility with previous systems, advantages in comparison to previous systems and measurability of obtained results (0.476).

(b) On the other hand, there is a **strong negative correlation** between the dependent variable *intention to adopt Cloud services in higher education*, and the following independent variables:

- Organizational attribute: small organization (-0.602);
- Technological factor: technology obsolescence risk (-0.570);
- Economic factor: unpredictable return of investments (-0.483).

Further research work should be done to develop efficient approaches for the assessment of real needs, when it comes to providing access, adopting and deploying new ICT solutions for generating and distributing (new) knowledge. In other words, solutions that suit the individual needs and abilities of diverse educational entities should be sought in the regions (countries) with different geo-locations. The multidimensional nature of accepting ICT innovations brings with it different levels of acceptance, which cannot be explained exclusively by economic and technological factors, but must inevitably involve socio-cultural factors, as well. In developing countries these factors are significantly different from those in (highly) developed countries.

### References