

Assessing the impact of ICT use on PISA scores

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The aim of this paper is to assess whether the use of ICT has an impact on student performances. We did find a positive and significant effect of computer use on student performance. This effect, however, is not the same for all students. For a same level of computer use, male students with more educational resources and with wealthy, white-collar parents tend to get higher performance. This finding suggests that complementary skills are necessary to reach the full benefits from computer use. It also implies that policies to promote ICT use among students will be effective if they are supported by measures to improve complementary skills among low-performance students.