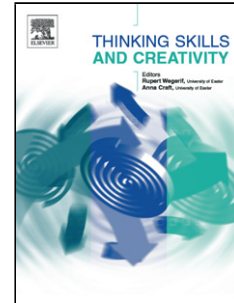


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**Creative and critical thinking:****Independent or overlapping components?**

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**Highlights**

- The abilities of thinking creatively and critically are considered to be the main cognitive competencies for our century. However, there are still doubts as to whether creativity and critical thinking are independent or complementary processes in distinct phases of creative problem solving. This paper investigated this question with Brazilian and Spanish using two different measures to assess creativity and critical thinking. The results obtained indicated there seems to be a relative differentiation and independence of creativity and critical thinking in cognitive performance, even if both constructs play small but complementary roles in different phases of creative problem solving. On conclusion, it is

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