This study explores whether demographic factors, such as children’s age, gender, and maternal education, are related to the maternal behaviours enacted to support children during problem-solving and to children’s skills for Self-Regulation of Learning (SRL). A number of studies have shown that children’s age and maternal education are linked to parental supportive behaviours during learning as well as to children’s SRL skills. Both direct and indirect links between the above factors have been reported. However, other studies report relations of maternal and child characteristics to specific children’s skills but not to others. The present study examined different maternal behaviours to support children during problem-solving and children’s actual SRL skills in two time phases. The participants were 35 mother-child pairs. Children’s age varied between 54 and 72 months old (boys=23). A series of visual-spatial and language tasks was administered. The participant children were examined individually but also in pairs with their mother. Structured observation and a micro-analytic approach were used to record maternal supportive behaviours and children’s SRL skills and cognitive performance. The findings from both research times showed that children’s age was significantly correlated with some of the maternal supportive behaviours and with almost all of the children’s SRL skills and cognitive performance. Children’s gender was not significantly associated with the variables examined. Concerning maternal education, it was significantly correlated with some of the children’s SRL skills and cognitive performance but only in research Time 1, whereas non-significant associations were detected with regard to maternal supportive behaviours. In conclusion, young children's age was the factor mostly associated with both maternal and children attributes within a frame of children’s regulation of learning. Research should further clarify the role of maternal education in maternal learning supportive behaviours and in children’s SRL skills.

This study is part of a dissertation that was partially supported by a scholarship from the State Scholarships Foundation (IKY) funded by the Action “Program for Granting Post Graduate Studies of Second Cycle” from resources of the Operational Program “Human Resources Development, Education and Lifelong Learning”, 2014-2020 co-funded by the European Social Fund and the Greek Public State.