

## Supplemental materials

# of “The Contribution of Motor Coordination, Visual Perception and Executive Function to the Development of 4-6 years old Chinese Preschoolers’ Visual Motor Integration Skills”

**Ying Fang,<sup>1</sup> Jingmei Wang,<sup>1</sup> Ying Zhang<sup>1</sup>, Jinliang Qin<sup>1</sup>**

<sup>1</sup> Hangzhou College of Early Childhood Teachers’ Education, Zhejiang Normal University, 310012, Hangzhou, China

1. The linear regression was used for the younger 4 years old (4 years to 4 years and 5 months), the elder 4 years old (4 years and 6 months to 4 years and 11 months), the younger 5 years old (5 years to 5 years and 5 months) and the elder 5 years old (5 years and 6 months to 5 years and 11 months). Tables are shown below.

TABLE 1: Motor coordination, visual perception predicting visual motor integration skills of the younger 4 years old children

Variable	<i>B</i>	SE	$\beta$
MC	0.54**	0.13	0.61
VP	0.20*	0.09	0.31

Note: MC=Motor Coordination; VP=Visual perception; the younger 4 years old = from 4 to 4 and 5months years old

\* $p<0.05$ ; \*\* $p<0.01$

TABLE 2: Motor coordination predicting visual motor integration skills of the elder 4 years old children

Variable	<i>B</i>	SE	$\beta$
MC	0.45**	0.13	0.56

Note: MC=Motor Coordination; the elder 4 years old = from 4 and 5months to 4 and 11 months years old

\*\* $p<0.01$

TABLE 3: Inhibitory control predicting visual motor integration skills of the younger 5 years old children

Variable	<i>B</i>	SE	$\beta$
IC	0.21*	0.10	0.38

Note: IC= inhibitory control; the younger 5 years old = from 5 to 5 and 5months years old

\* $p<0.05$

TABLE 4: Motor coordination predicting visual motor integration skills of the elder 5 years old children

Variable	<i>B</i>	SE	$\beta$
MC	0.42*	0.17	0.42

Note: MC=Motor Coordination; the elder 5 years old = from 5 and 5months to 5 and 11 months years old

\* $p < 0.05$

2. Figure 1: Mean standard score of VMI standard scores of children at five age groups

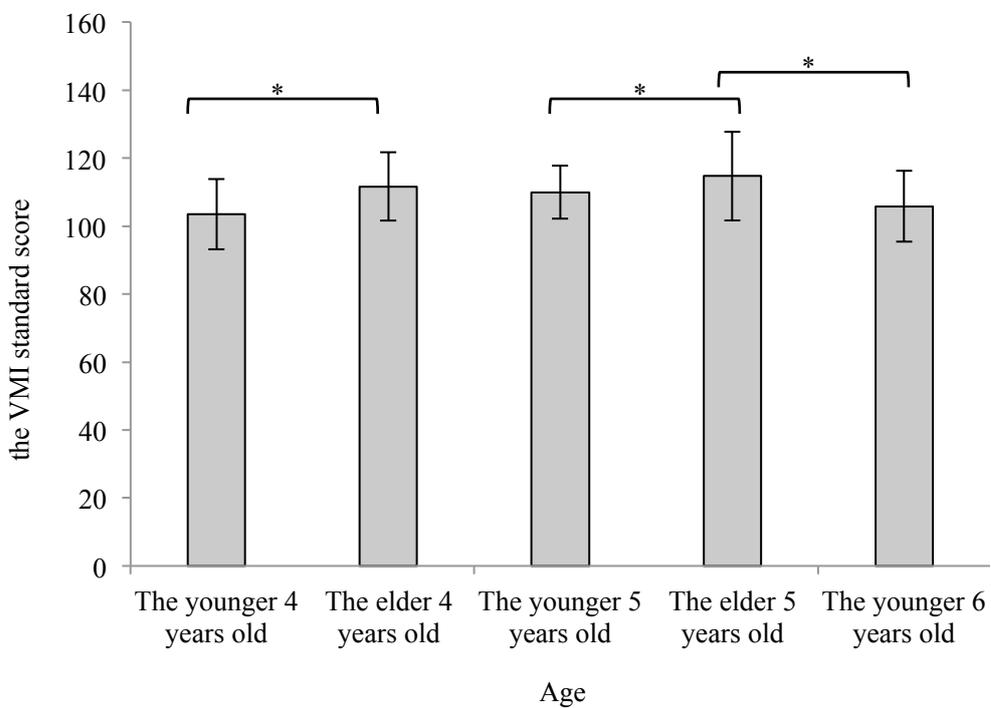


FIGURE1: Mean standard score of VMI standard scores of children at five age groups  
\* $p < 0.05$