## **Description Of Additional Supplementary Data**

File Name: Supplementary Video.

**Description:** Experimental design: (Upper panel) 3D scene with the embedded avatar, as observed by a participant performing the virtual reality task. (Lower panel) Movements performed by a participant inside the MR scanner. Due to physical constraint (MR scanner magnetic field), this was filmed in a replicate of an MR scanner, like the one used for Experiment 1 and 3.