Supplementary Figure 7: Simultaneous learning of two different force fields predicted from the partial overlap model. (a) Subjects were asked to learn rightward (blue) and leftward (red) velocity-dependent force fields presented alternately (‘combined’ learning). (b) They were also asked to learn the force fields presented alternately only for unimanual reaches (‘unimanual-only’ learning). (c, d) Measured changes in the lateral hand deviation (mean±s.e.m. of each trial during learning and washout phase and of each set of 12 trials during learning phase with catch trials across all subjects) for combined (c) and unimanual-only (d) conditions. Positive value indicates rightward hand deviation. (e) Change in the difference of lateral hand deviations between two force fields during learning phase (mean±s.e.m.). (f, g) Comparison of the learning effect (f) and the aftereffect (g) between combined and unimanual-only conditions. The values are mean±s.e.m. *P < 0.05