



Fig. S5. Comparisons of Brunnstrom stage and Fugl-Meyer assessment (FMA) score of different segments of upper limbs between the N30 somatosensory evoked potential (N30 SEP) absent and N30 SEP present groups among the patients with N20 SEPs present. Normalization was within subject such that the FMA scores were normalized to the mean value of the N30 absent group and so on. The normalized values of shoulder-elbow FMA, wrist-finger FMA, upper-limb Brunnstrom stage and hand Brunnstrom stage were compared between the N30 SEP absent group and the N30 SEP present group. In N30 SEP present patients, all of the motor function assessment scores of different upper limb segments except hand Brunnstrom stage were higher than those in N30 SEP absent patients ($p < 0.05$). Purple dots and green squares represent the different N30 SEP status groups and correspond to the mean. The 2 bars indicate the standard deviation (SD). Mean control: the ordinate indicates values expressed as a multiple of the mean value from N30 SEP absent subjects. * $p < 0.05$.