



Supplement 4. Correlation between motor-evoked potential/somatosensory-evoked potential (MEP/SEP) improvement rates and the change of the Ashworth scores before and after operation in the intraoperative neurophysiologic monitoring (IOM) improvement group. (A) There was no relationship between the MEP improvement rates in the left tibialis anterior (TA) and the change of the Ashworth scores before and 3 days after operation. (B) There was no relationship between the MEP improvement rates in the left abductor hallucis (AH) and the change of the Ashworth scores before and 3 days after operation. (C) There was no relationship between the SEP improvement rates in the left side and the change of the Ashworth scores before and 3 days after operation. (D) There was no relationship between the MEP improvement rates in the right TA and the change of the Ashworth scores before and 3 days after operation. (E) A positive relationship was noted between the MEP improvement rates in the right AH and the change of the Ashworth scores before and 3 days after operation. (F) There was no relationship between the SEP improvement rates in the right side and the change of the Ashworth scores before and 3 days after operation. (G) There was no relationship between the MEP improvement rates in the left TA and the change of the Ashworth scores before and 1 year after operation. (H) There was no relationship between the MEP improvement rates in the left AH and the change of the Ashworth scores before and 1 year after operation. (I) There was no relationship between the SEP improvement rates in the left side and the change of the Ashworth scores before and 1 year after operation. (J) There was no relationship between the MEP improvement rates in the right TA and the change of the Ashworth scores before and 1 year after operation. (K) A positive relationship was noted between the MEP improvement rates in the right AH and the change of the Ashworth scores before and 1 year after operation. (L) There was no relationship between the SEP improvement rates in the right side and the change of the Ashworth scores before and 1 year after operation.