Figure showing Effort and MAV measures for Maintained Effort and Occluded Effort across Force and Hand Opening conditions.

Legend: Stim_10, Stim_20, Stim_30, Stim_40

(c) Effort / Force
Stim_10 (n=36): s=0.849, p < 0.001***
Stim_20 (n=36): s=0.942, p < 0.001***
Stim_30 (n=36): s=0.911, p < 0.001***

(d) MAV / Force
Stim_10 (n=36): s=0.556, p = 0.074
Stim_20 (n=36): s=0.520, p = 0.178
Stim_30 (n=36): s=0.321, p = 0.470

(a) Effort / Hand Opening
Stim_20 (n=69): s=1.000, p < 0.001***
Stim_30 (n=69): s=0.998, p < 0.001***
Stim_40 (n=69): s=1.218, p < 0.001***

(b) MAV / Hand Opening
Stim_20 (n=69): s=−0.107, p = 0.775
Stim_30 (n=69): s=0.261, p = 0.457
Stim_40 (n=69): s=0.870, p = 0.085

(g) Effort / Force
Stim_10 (n=36): s=−0.151, p = 0.006**
Stim_20 (n=36): s=−0.058, p = 0.389
Stim_30 (n=36): s=−0.089, p = 0.260

(h) MAV / Force
Stim_10 (n=36): s=0.207, p = 0.218
Stim_20 (n=36): s=0.171, p = 0.458
Stim_30 (n=36): s=−0.028, p = 0.926

(e) Effort / Hand Opening
Stim_20 (n=69): s=0.071, p = 0.556
Stim_30 (n=69): s=0.069, p = 0.579
Stim_40 (n=69): s=0.288, p = 0.073

(f) MAV / Hand Opening
Stim_20 (n=69): s=−0.181, p = 0.574
Stim_30 (n=69): s=0.187, p = 0.538
Stim_40 (n=69): s=0.796, p = 0.093

Y-axes: Maintained Effort: V' (% MFE); Occluded Effort (% MFE)
X-axis: Volitional Effort: V (% MFE)