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Appendix. This table provides a list of which mode each subject chose for each of the 26 Southampton Hand Assessment Procedure tasks, where 0 represents voluntary opening (VO) mode and 1 represents voluntary closing mode. “Average” column indicates the average percentage of time VO mode was selected by each task. “Average” row indicates average percentage of time VO mode was chosen by each user.

Table. Subject preference for each Southampton Hand Assessment Procedure (SHAP) task. 0 = voluntary opening mode and 1 = voluntary closing mode.

SHAP Task	ND1	ND2	ND3	ND4	ND5	TR1	TH1	Average (%)
Abstract, light spherical	1	1	0	1	0	0	1	57
Abstract, light tripod	0	0	0	0	1	1	0	29
Abstract, light power	0	1	1	1	1	1	1	86
Abstract, light lateral	0	0	0	0	0	0	1	14
Abstract, light tip	1	1	0	1	0	0	1	57
Abstract, light extension	1	1	0	0	0	1	1	57
Abstract, heavy spherical	1	1	1	0	1	0	1	71
Abstract, heavy tripod	1	1	1	0	1	0	0	57
Abstract, heavy power	1	1	1	1	1	0	1	86
Abstract, heavy lateral	1	1	1	1	1	0	1	86
Abstract, heavy tip	1	1	1	0	0	0	0	43
Abstract, heavy extension	1	1	0	0	1	1	0	57
Coins	0	0	1	0	0	0	1	29
Button Board	0	1	0	1	1	1	1	71
Food Cutting	0	0	0	0	0	1	0	14
Page Turning	0	0	1	0	1	0	0	29
Jar Lid	1	1	1	1	1	1	1	100
Jug Pour	0	0	1	1	1	1	1	71
Carton Pour	0	1	1	1	1	1	1	86
Full Jar	1	1	0	1	0	1	1	71
Empty Tin	1	1	1	0	1	1	1	86
Tray	0	1	0	1	1	1	1	71
Key	1	1	1	1	1	1	0	86
Zipper	1	1	1	1	1	1	1	100
Screw	0	0	0	1	1	0	0	29

Door Handle	1	0	0	1	1	0	1	57
Average (%)	58	69	54	58	69	54	69	62

ND = nondisabled subject, TH = subject with transhumeral amputation, TR = subject with transradial amputation.