

**Table S7.** Duration models selected for action classes

Class	$n$	Model	LL	$D$	$p$
Base	143	lognormal	-410.61	0.07	0.5254
COOK	9	weibull	-44.10	0.27	0.4367
CUT	7	gamma	-32.36	0.18	0.9512
DRINK	11	weibull	-21.55	0.21	0.6531
EAT	13	lognormal	-59.49	0.20	0.5962
FILL	21	weibull	-62.79	0.19	0.4025
MOVE	54	lognormal	-162.58	0.08	0.8349
PUT	162	lognormal	-355.67	0.15	0.0015
STAND_UP	7	weibull	-10.01	0.19	0.9153
TAKE	165	lognormal	-358.01	0.14	0.0027
WASH	49	gamma	-207.42	0.08	0.8985