

Motion sequences	Proposed	HACA	PCA-GMM
<i>Shallow Squats</i>	<b>0.93</b>	0.43	0.37
<i>Chair Stands</i>	<b>0.94</b>	0.42	0.33
<i>Buddha's Prayer</i>	<b>0.91</b>	0.43	0.35
<i>Cops &amp; Robbers</i>	<b>0.89</b>	0.39	0.32
<i>Abs in Knee Lifts</i>	<b>0.92</b>	0.40	0.39
<i>Lateral Stepping</i>	<b>0.87</b>	0.38	0.35
<i>Clapping</i>	<b>0.90</b>	0.44	0.41
<i>Punching</i>	<b>0.81</b>	0.39	0.33
<i>Line Stepping</i>	<b>0.88</b>	0.47	0.43
<i>Pendulum</i>	<b>0.85</b>	0.46	0.40
Average	<b>0.89</b>	0.42	0.37