

# ReadMe for Dataset SSPS-4



## Transition State Clustering: Unsupervised Swimming Stroke Phase Segmentation with Wearable Motion Capture

Link: <https://pan.baidu.com/s/1tQEzqX1DcG3vik1BzCgxCQ?pwd=6y5s>

Code: 6y5s

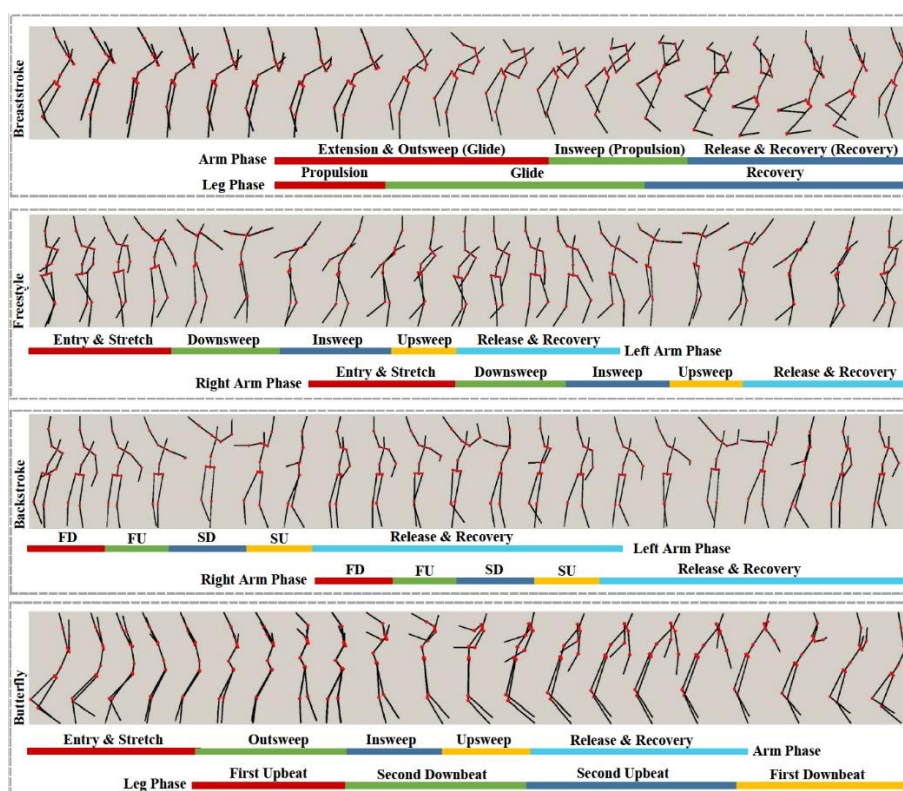
The DATA folder is the original data (with manually annotations), which includes subfile A and B. A represents the arm (Breaststroke and Butterfly) or left arm phase (Backstroke and Freestyle) of the four strokes, and B represents the leg (Breaststroke and Butterfly) or right arm phase (Backstroke and Freestyle) of the four strokes.

Way of naming: experimental subject\_stroke.m Examples: XXX\_BC.m XXX\_BF.m

The Feature folder is the feature data (with manually annotations), naming rules are the same as above.

Details in XX.m:

Dimension	1-35	36-95	96
items	posture feature	Inertial sensor data	label



Please feel free to change and use the data for review and academic purposes. If you have any questions, please contact us by: [wangjx@hebut.edu.cn](mailto:wangjx@hebut.edu.cn); [jxxie20@fudan.edu.cn](mailto:jxxie20@fudan.edu.cn).

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