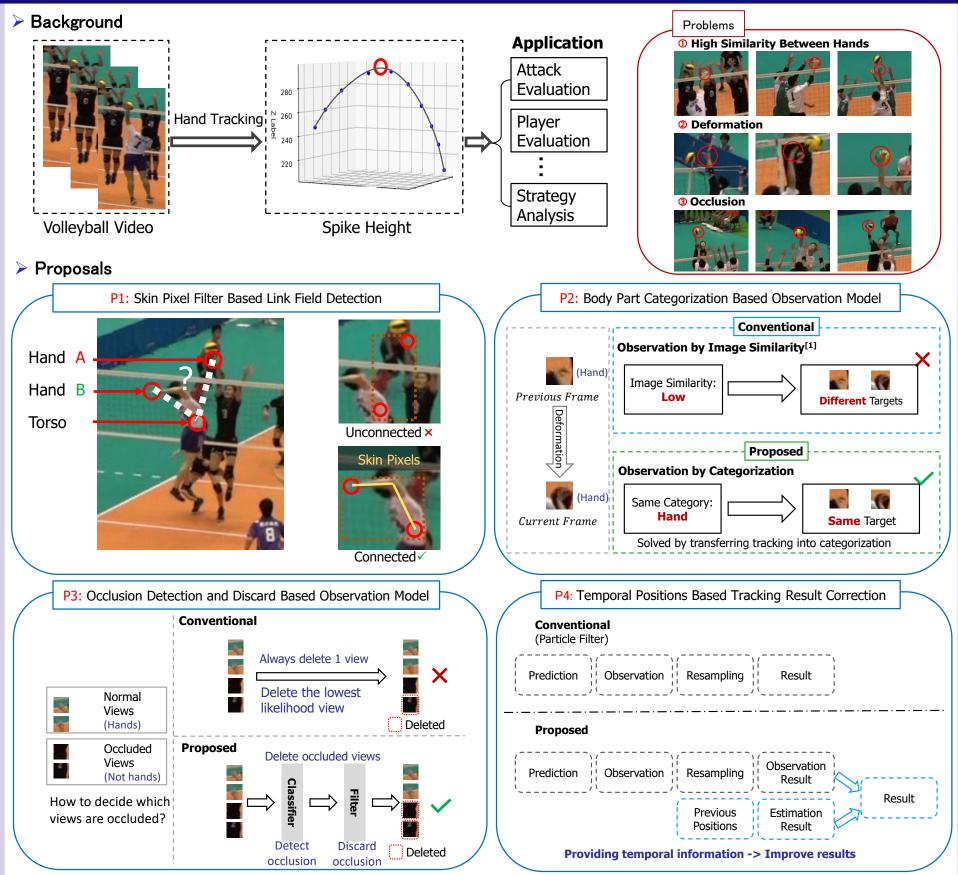
Body Part Categorization Based Tracking with Correction by Temporal Positions for Volleyball Spike Height Analysis

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Experiment result

Test Method	Success Rate	Average Error of Spike Height
Basic Framework	34.69% (68/196)	16.39cm
P1	45.41% (89/196)	14.16cm
P1+P2	75.51% (148/196)	11.73cm
P1+P2+P3	84.18% (165/196)	8.47cm
P1+P2+P3+P4	93.37% (183/196)	5.96cm

Conclusion By 4 proposals, the success rate increases to 93.37%, and the average height error is 5.96cm.

