KBody: Balanced monocular whole-body estimation
Supplementary Material

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https://klothed.github.io/KBody

1. Qualitative Results

Figs. 1 to 25 present 112 qualitative result comparisons between the presented KBody method (rightmost - \textit{	extcolor{pink}{pink}}) the optimization-based SMPLify-X \textsuperscript{2} (leftmost - \textit{	extcolor{lightgreen}{light green}}), and the single-shot models PyMAF-X \textsuperscript{3} (middle left - \textit{	extcolor{purple}{purple}}) and SHAPY \textsuperscript{1} (middle right - \textit{	extcolor{green}{green}}), focusing on pose and shape capturing respectively.

References


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Figure 1. Left-to-right: SMPLify-X [2] (light green), PyMAF-X [3] (purple), SHAPY [1] (green) and KBody (Ours).
Figure 2. Left-to-right: SMPLify-X [2] (light green), PyMAF-X [3] (purple), SHAPY [1] (green) and KBody (Ours).
Figure 3. Left-to-right: SMPLify-X [2] (light green), PyMAF-X [3] (purple), SHAPY [1] (green) and KBody (Ours).
Figure 4. Left-to-right: SMPLify-X [2] (light green), PyMAF-X [3] (purple), SHAPY [1] (green) and KBody (Ours).
Figure 5. Left-to-right: SMPLify-X [2] (light green), PyMAF-X [3] (purple), SHAPY [1] (green) and KBody (Ours).
Figure 7. Left-to-right: SMPLify-X [2] (light green), PyMAF-X [3] (purple), SHAPY [1] (green) and KBody (ours).
Figure 8. Left-to-right: SMPLify-X [2] (light green), PyMAF-X [3] (purple), SHAPY [1] (green) and KBody (ours).
Figure 10. Left-to-right: SMPLify-X [2] (light green), PyMAF-X [3] (purple), SHAPY [1] (green) and KBody (ours).
Figure 11. Left-to-right: SMPLify-X [2] (light green), PyMAF-X [3] (purple), SHAPY [1] (green) and KBody (Ours).
Figure 12. Left-to-right: SMPLify-X [2] (light green), PyMAF-X [3] (purple), SHAPY [1] (green) and KBody (ours).
Figure 15. Left-to-right: SMPLify-X [2] (light green), PyMAF-X [3] (purple), SHAPY [1] (green) and KBody (pink).
Figure 16. Left-to-right: SMPLify-X [2] (light green), PyMAF-X [3] (purple), SHAPY [1] (green) and KBody (Ours).
Figure 17. Left-to-right: SMPLify-X [2] (light green), PyMAF-X [3] (purple), SHAPY [1] (green) and KBody (Ours).
Figure 20. Left-to-right: SMPLify-X [2] (light green), PyMAF-X [3] (purple), SHAPY [1] (green) and KBody (Ours).
Figure 22. Left-to-right: SMPLify-X [2] (light green), PyMAF-X [3] (purple), SHAPY [1] (green) and KBody (Ours).
Figure 23. Left-to-right: SMPLify-X [2] (light green), PyMAF-X [3] (purple), SHAPY [1] (green) and KBody (Ours).
Figure 27. Left-to-right: SMPLify-X [2] (light green), PyMAF-X [3] (purple), SHAPY [1] (green) and KBody (pink).