

3D RECONSTRUCTION BY PARAMETERIZED SURFACE MAPPING — SUPPLEMENTARY MATERIAL —

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More qualitative results

An complete example of an input image sequence (of 5 views) from ShapeNetCoco, with the produced reconstructions, is shown on Figure 1, Figure 2 and Figure 3.

We also provide more qualitative results for each category of the ShapeNetCoco dataset on Figures 4, 5 and 6.



Fig. 1. Complete plane Example. Top: Input sequence of 5 images. Bottom: our reconstruction (left). XNOCS' (right)

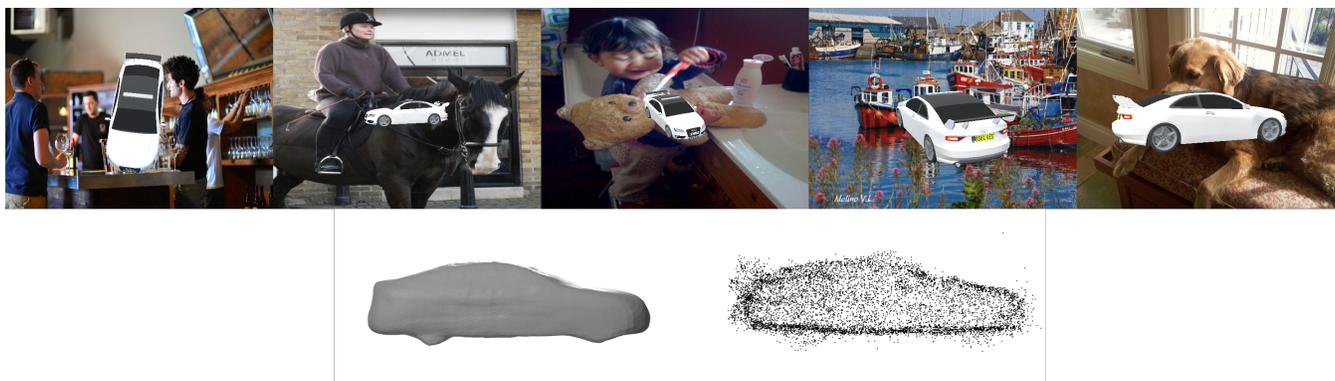


Fig. 2. Complete car Example. Top: Input sequence of 5 images. Bottom: our reconstruction (left). XNOCS' (right)



Fig. 3. Complete chair Example. Top: Input sequence of 5 images. Bottom: our reconstruction (left). XNOCS' (right)

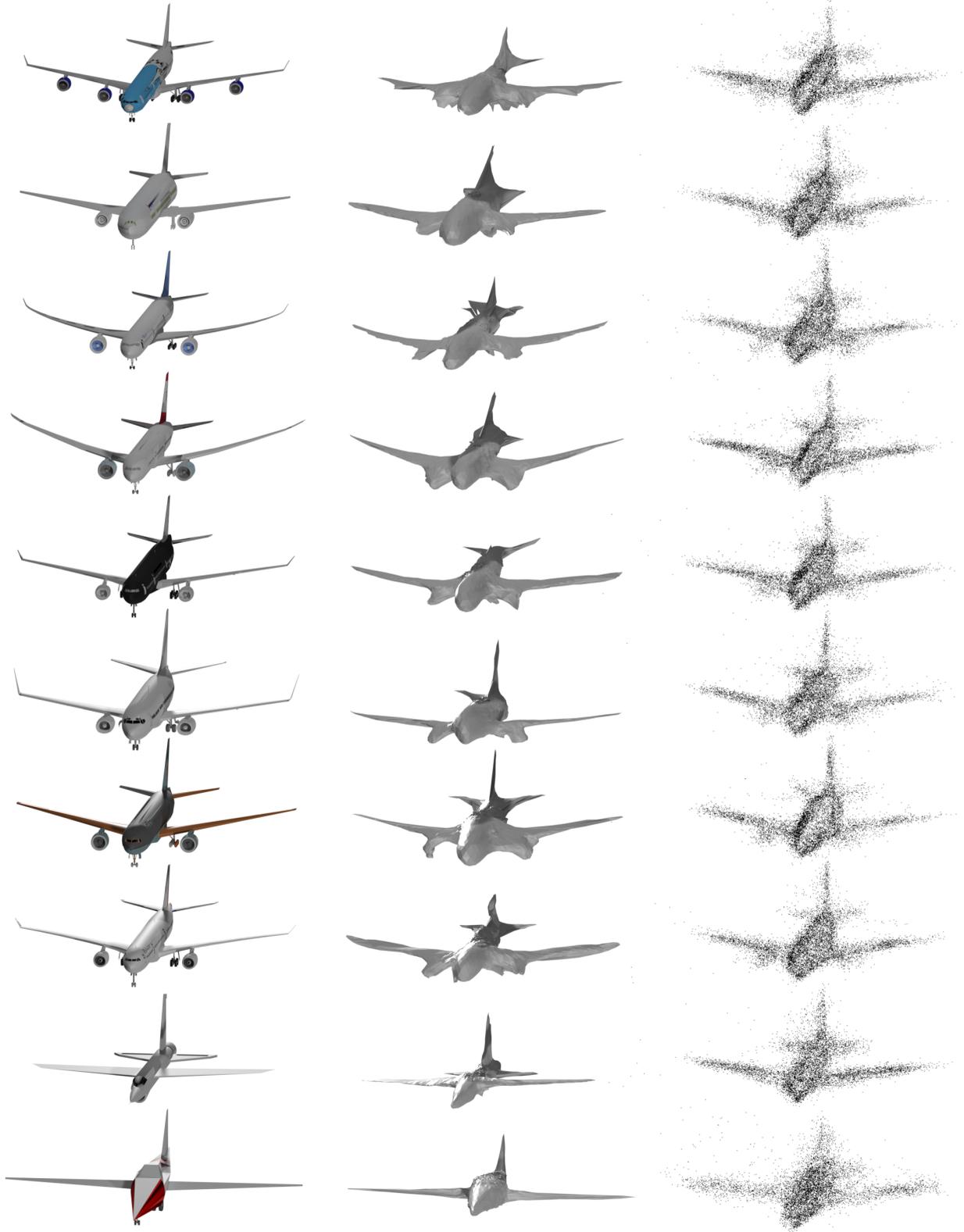


Fig. 4. Qualitative results (some ShapeNetCoco planes). Left: ground truth, center: ours, left: XNOCS

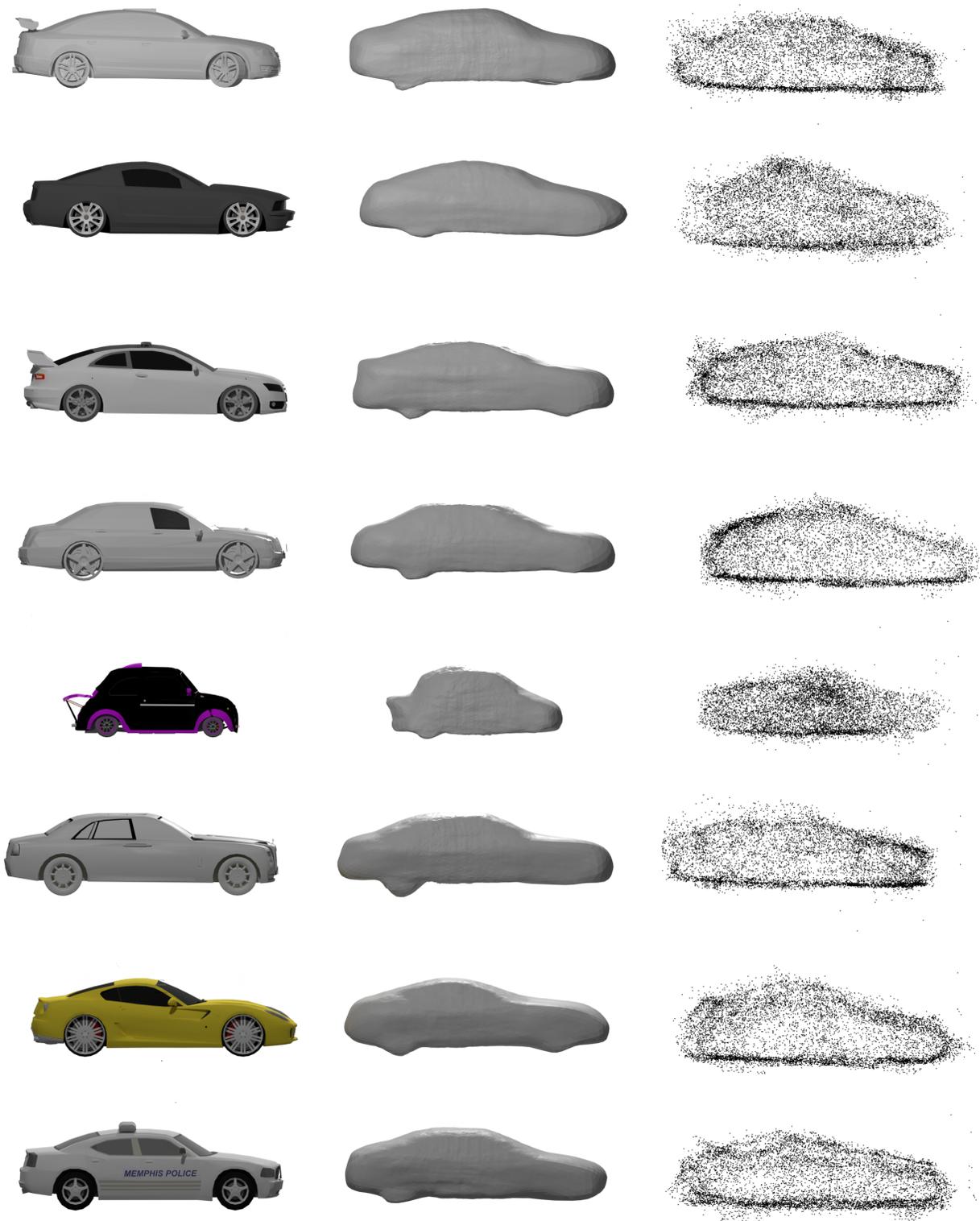


Fig. 5. Qualitative results (some ShapeNetCoco cars). Left: ground truth, center: ours, left: XNOCS

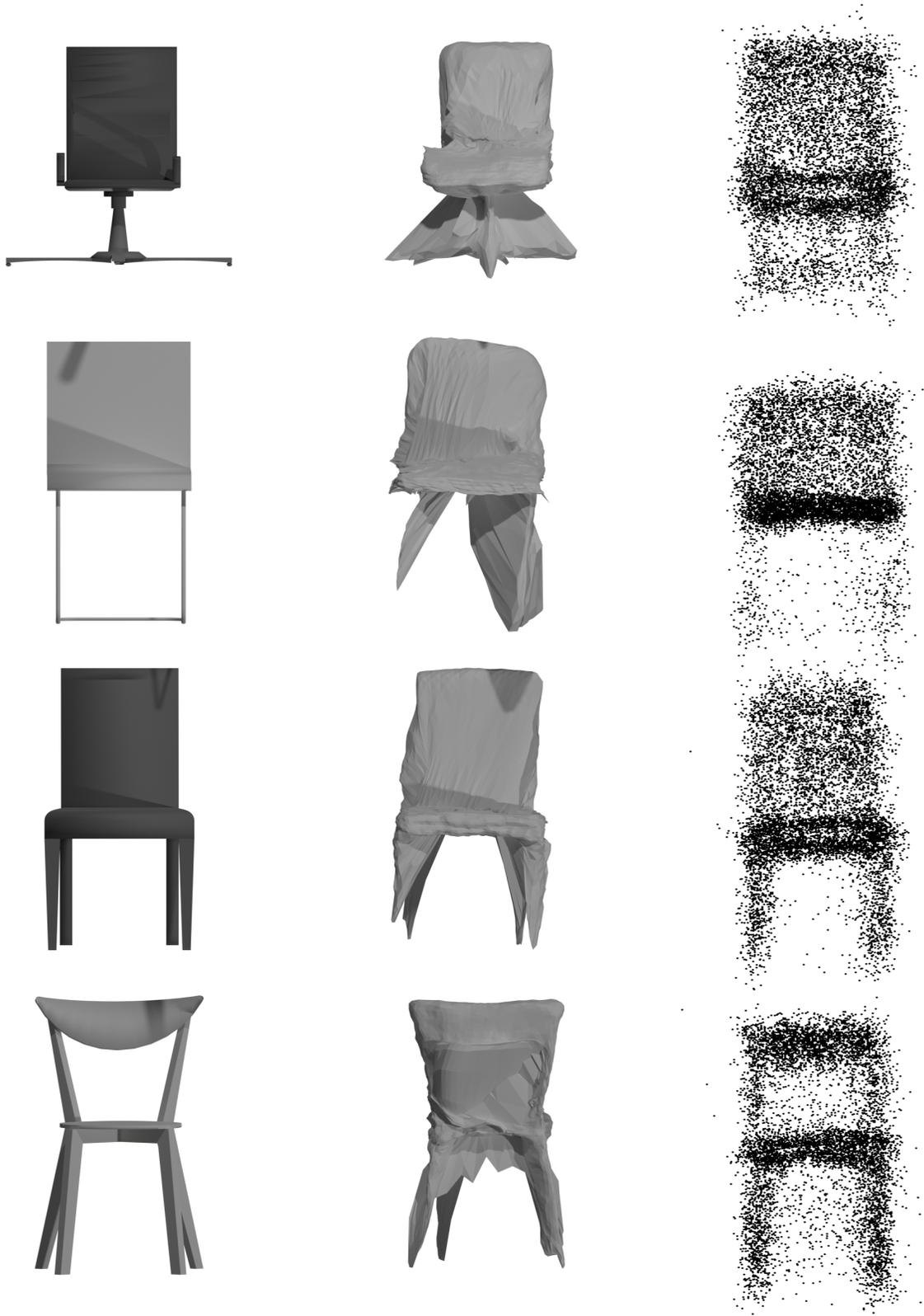


Fig. 6. Qualitative results (some ShapeNetCoco chairs). Left: ground truth, center: ours, left: XNOCS