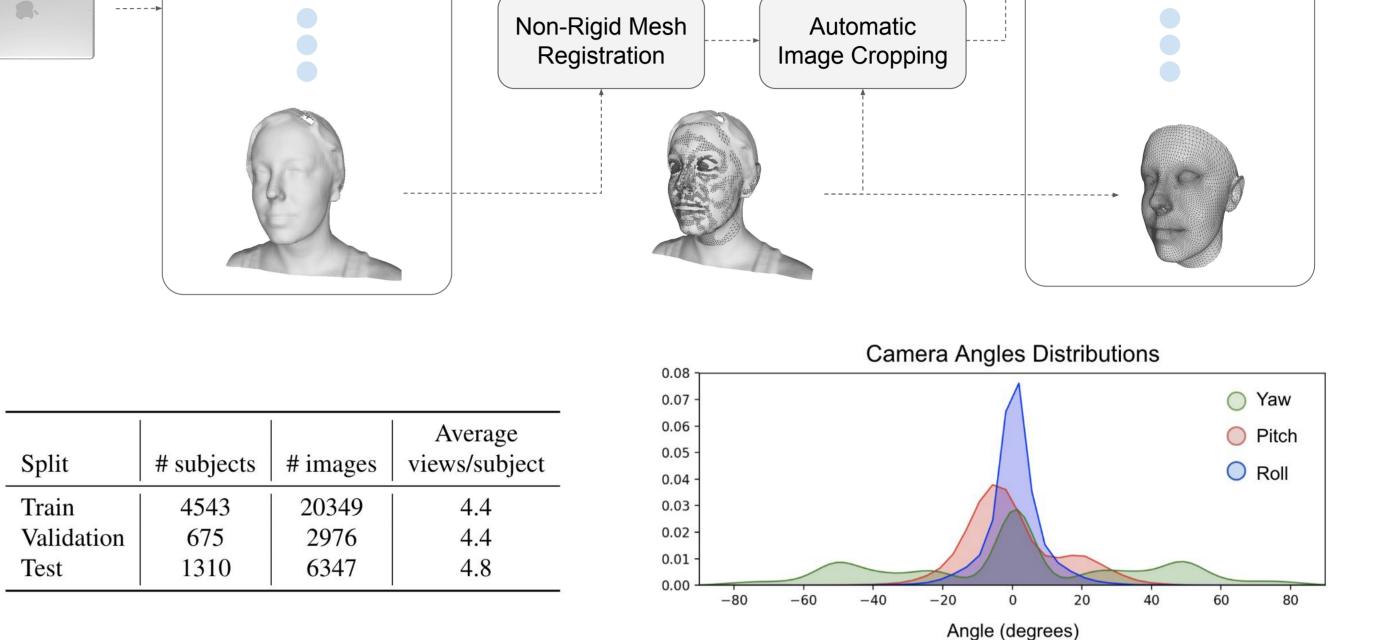




Video frames

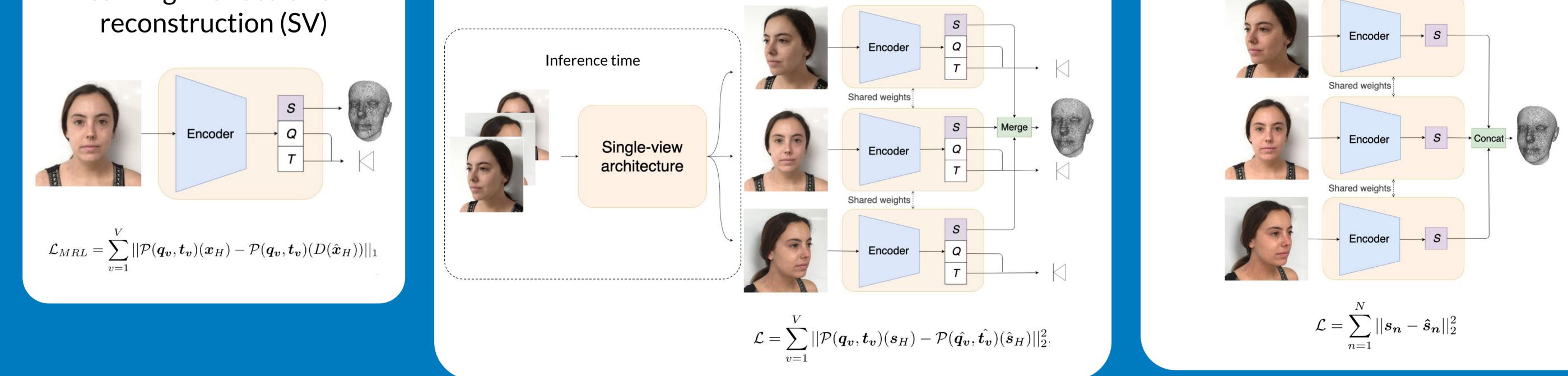
Which is the 3D facial geometry of the input subject?



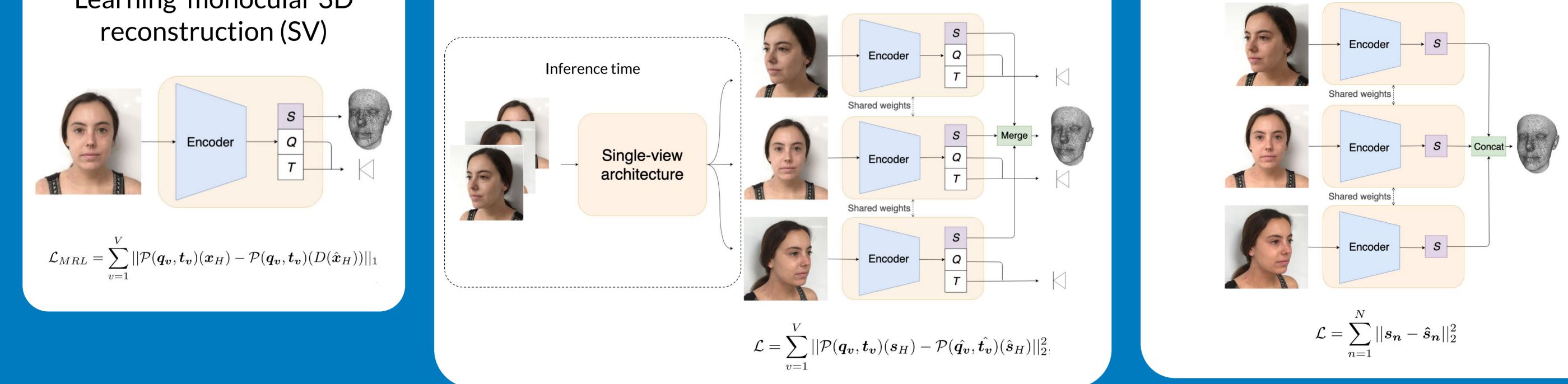
Architectures

Learning multiview 3D reconstruction (MV Add/Concat)

Learning monocular 3D

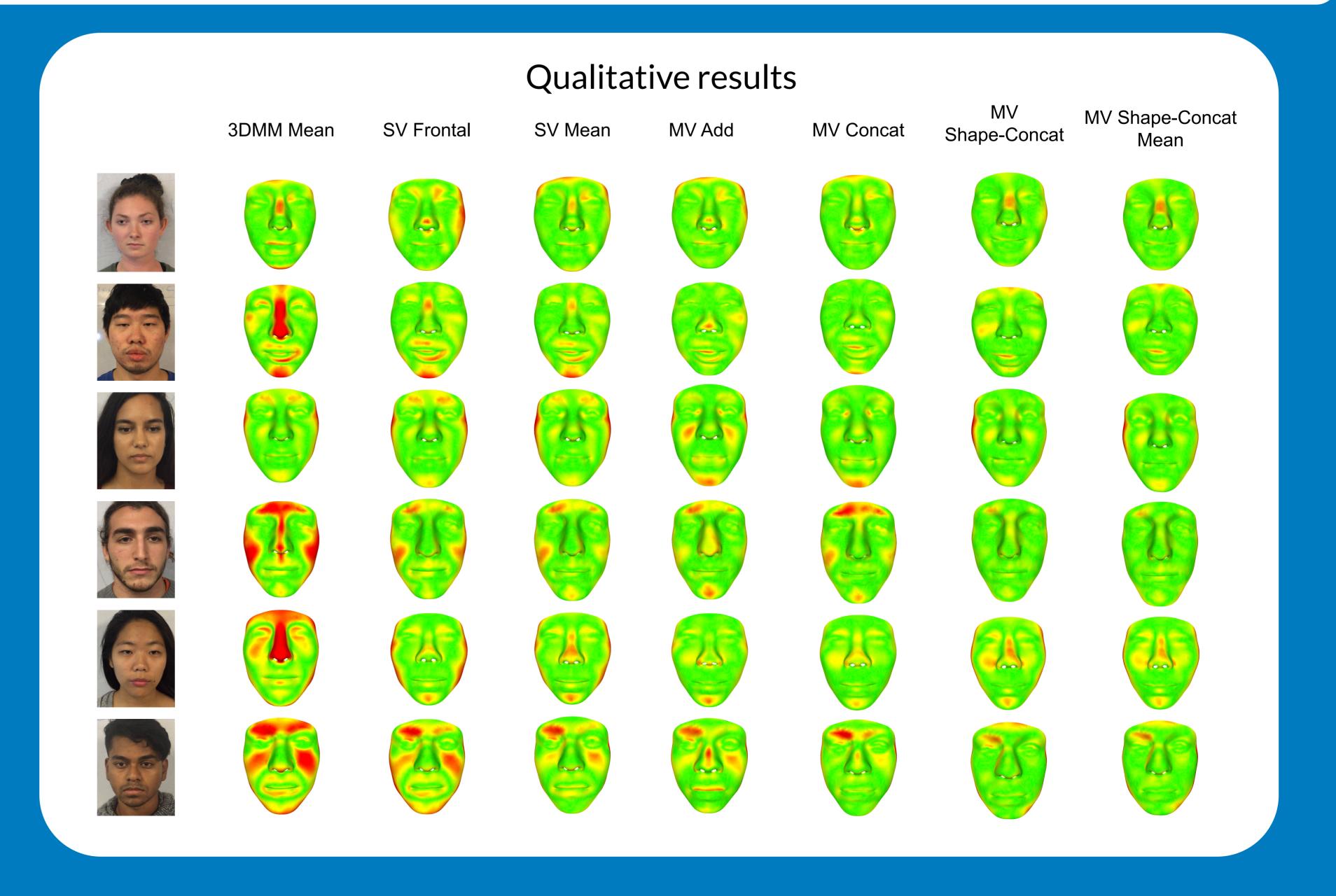


Optimizing MV Concat for 3D shape regression (MV Shape-Concat)



Results on 3DFAW Challenge

Quantitative results



Model	ARMSE (mm)
3DMM Mean	3.02
SV Frontal	2.62
SV Mean	2.51
MV Add	2.43
MV Concat	2.33
MV Shape-Concat	2.23
MV Shape-Concat Mean	2.14