**Appendix 6: Annotation and tools used**

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| **Dataset Name** | **Tools Used** | **Type of Annotation** | **Software Used for Annotation** |
| FPUS23: An Ultrasound Fetus Phantom Dataset with Deep Neural Network Evaluations for Fetus Orientations, Fetal Planes, and Anatomical Features | CVAT | Boxing | CVAT, custom in-house software for image conversion |
| Large-scale annotation dataset for fetal head biometry in ultrasound images | CVAT | Boxing | CVAT |
| The JNU-IFM dataset for segmenting pubic symphysis-fetal head | Pair software | Manual segmentation, automatic measurement algorithms | Pair software |
| The construction and application of an ultrasound and anatomical cross-sectional database of structural malformations of the fetal heart | Not specified | No | Amira 6.0.1 software |
| PSFHS: Intrapartum ultrasound image dataset for AI-based segmentation of pubic symphysis and fetal head | Pair software | Manual segmentation, automatic measurement algorithms | Pair software |
| How much can AI see in early pregnancy: A multi-center study of fetus head characterization in week 10–14 in ultrasound using deep learning | Not explicitly mentioned | Boxing | Keras, scikit-learn, Skimage, Python |
| Generalizability of fetal ultrasound deep learning models to low-resource imaging settings in five African countries | Not specified | Some labelled, some not | PyTorch |
| Automated measurement of fetal head circumference using 2D ultrasound images | Not explicitly mentioned | No | OpenCV, ITK, SPSS |
| Fetal Abdominal Structures Segmentation Dataset Using Ultrasonic Images | 3D Slicer software | Manual and semi-automated segmentation | 3D Slicer (version 5.2.2) |
| Automated annotation and quantitative description of ultrasound videos of the fetal heart | Not specified | No | OpenCV, Eigen, OpenMP |
| Real-time diameter of the fetal aorta from ultrasound | Not specified | No | Not specified |
| Values and validity of fetal parameters by ultrasound and Doppler as markers of fetal lung maturity | Not specified | No | SPSS software for statistical analysis |
| Generative Diffusion Model Bootstraps Zero-shot Classification of Fetal Ultrasound Images In Underrepresented African Populations | Not specified | No | PyTorch, NVIDIA RTX A5000, NVIDIA RTX 4090 |
| Automatic detection of complete and measurable cardiac cycles in antenatal pulsed-wave Doppler signals | Not specified | Template matching, supervised classification based on fiducial points, and supervised classification based on the entire envelope | MATLAB v2017b |