## Unravelling the effect of data augmentation transformations in polyp segmentation

International Journal of Computer Assisted Radiology and Surgery

Luisa F. Sánchez-Peralta\*, Artzai Picón, Francisco M. Sánchez-Margallo, J. Blas Pagador

\* Jesús Usón Minimally Invasive Surgery Centre. Cáceres (Spain)

<lfsanchez@ccmijesususon.com>

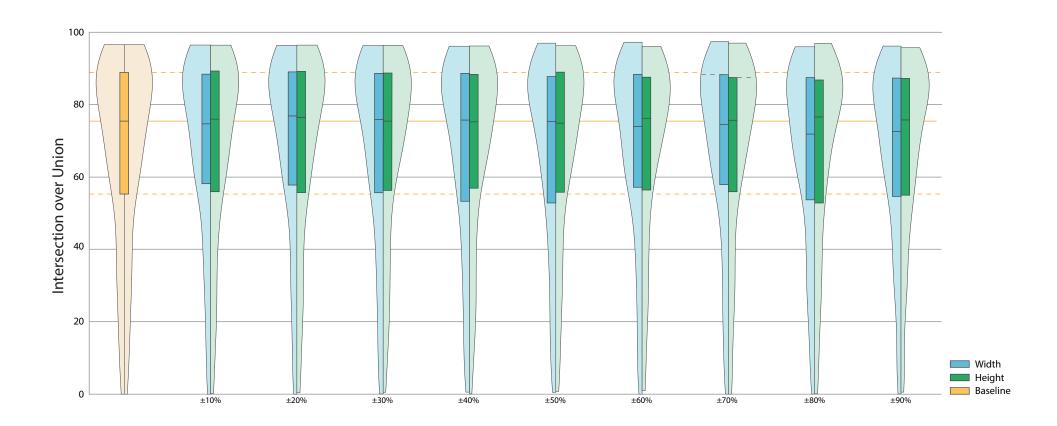


Fig S2.1. Results for width and heigh shifts for Kvasir-SEG. Baseline is included. Its median and quartiles are prolongated on the background for reference.

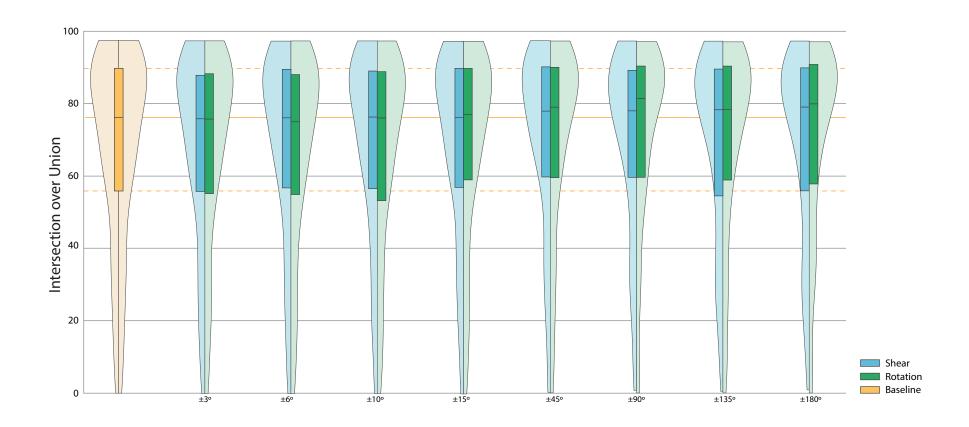


Fig S2.2. Results for rotation and shear for Kvasir-SEG. Baseline is included. Its median and quartiles are prolongated on the background for reference.

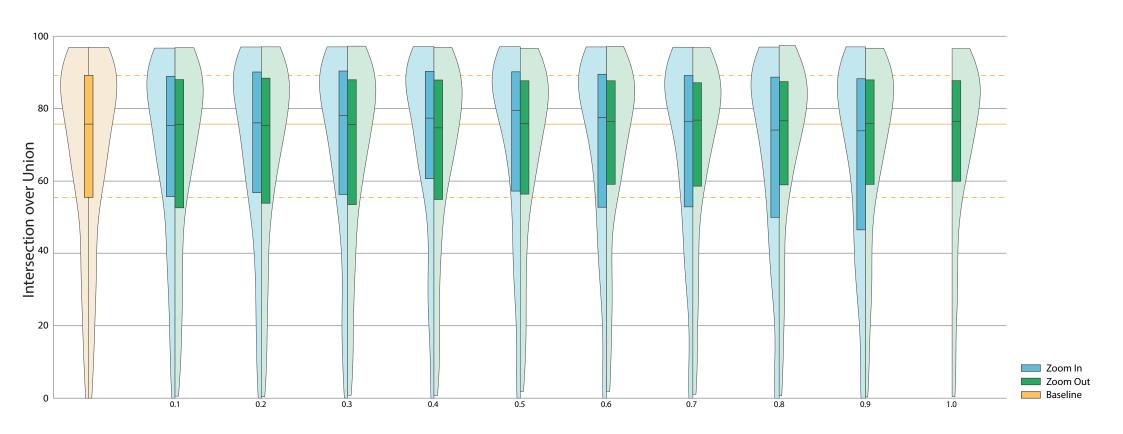


Fig S2.3. Results for zoom in and out for Kvasir-SEG. Baseline is included. Its median and quartiles are prolongated on the background for reference.

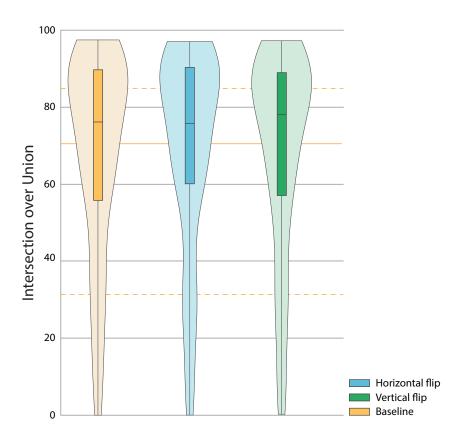


Fig S2.4. Results for horizontal and vertical flips for Kvasir-SEG. Baseline is included. Its median and quartiles are prolongated on the background for reference.

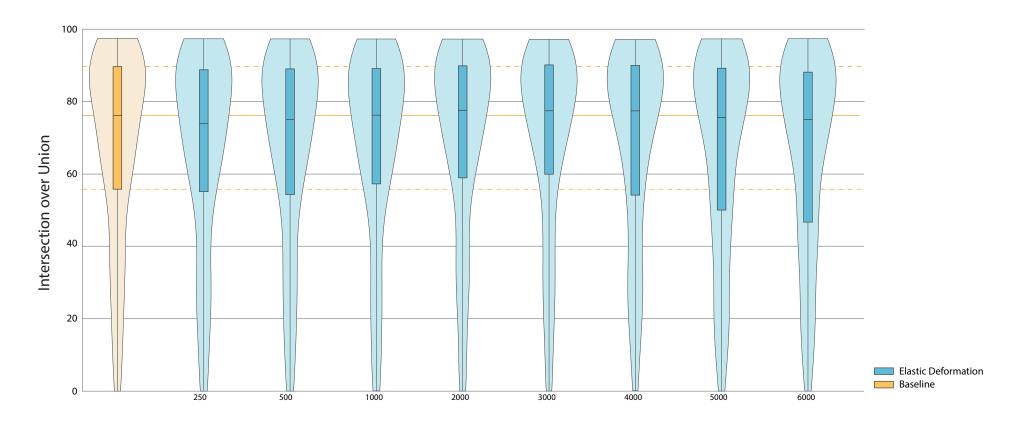


Fig S2.5. Results for elastic deformation for Kvasir-SEG. Baseline is included. Its median and quartiles are prolongated on the background for reference.

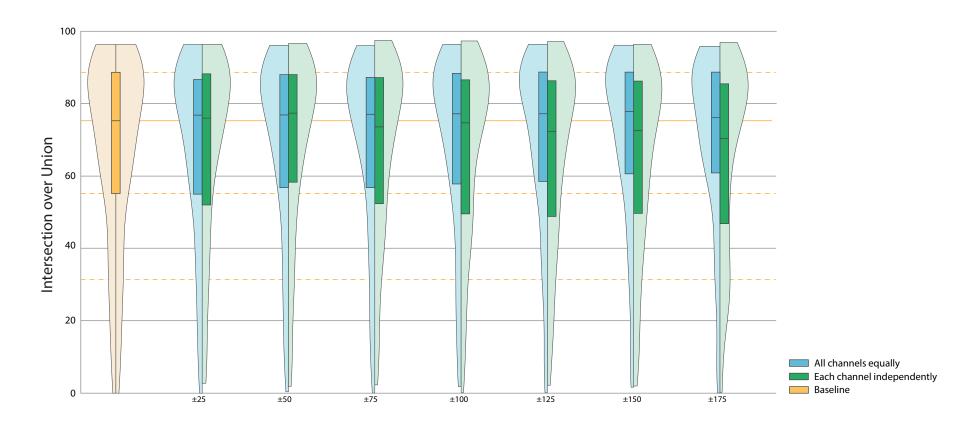


Fig S2.6. Results for changes in brightness for Kvasir-SEG. Baseline is included. Its median and quartiles are prolongated on the background for reference.

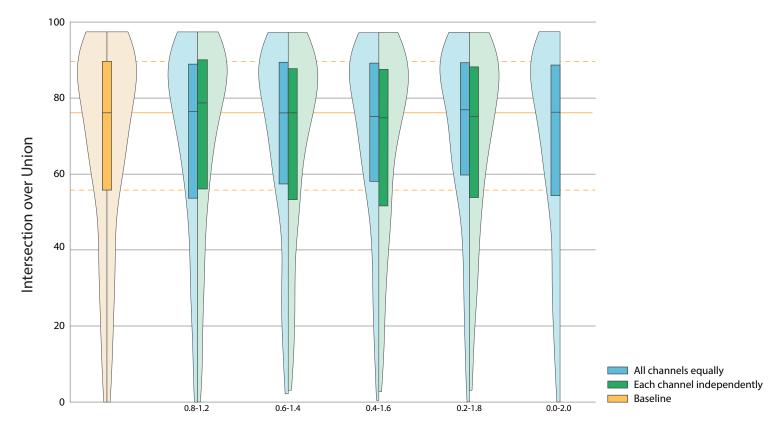


Fig S2.7. Results for changes in contrast for Kvasir-SEG. Baseline is included. Its median and quartiles are prolongated on the background for reference.

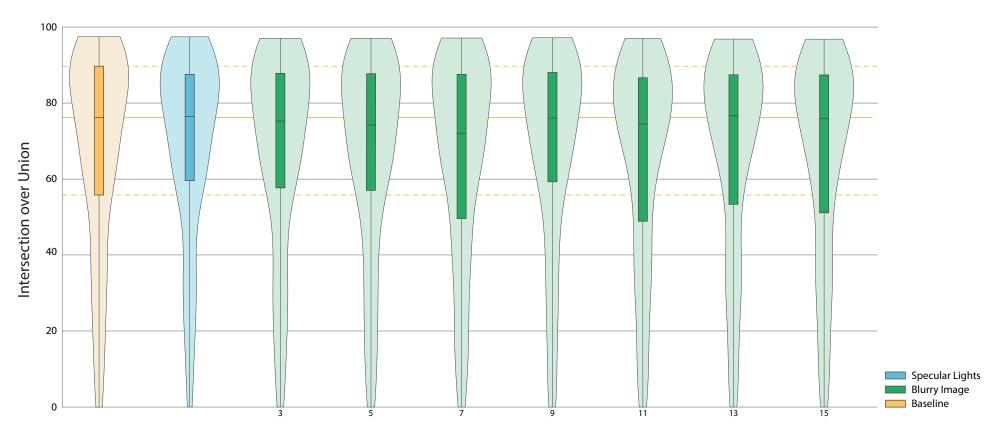


Fig S2.8. Results for inclusion of specular lights and blurry frames (mean filter) for Kvasir-SEG. Baseline is included. Its median and quartiles are prolongated on the background for reference.