A note about scale bars in lateral view images

Lateral view images were digitized using the ruler scale in the image, except for trout4. For this individual, the ruler was positioned far away from the fish, making the scale bar read smaller than the scale at the fish (a depth-of-field error). To account for this, the following steps were taken.

1. Using the ventral-view video, the fish's length in mm was measured in ImageJ using the scale from the PIV calibration.

2. Using the lateral-view image, the total length of the fish was measured in pixels in ImageJ.

3. Using the lateral-view image, the scale in ImageJ was set such that the pixel length from Step 2 was equal to the mm length from Step 1.