**Scale Correction**

**Glia**

1. **Zheng   
   PMID 30415998**

Scale bar in the article = 5 µm  
Pixel for scale bar = 33 pixel  
Height of the cell in pixel = 186 pixel  
Nominal height reported = 249.47 µm  
  
33 is 5.63 times of 186, so 5 µm x 5.63 = 28.1 µm (this is the Height)  
28.1/249.47=0.1130, ABEL should be multiplied by 0.1130

1. **Foerster   
   PMID 29162696**Scale bar in the article = 10 µm  
   Pixel for scale bar = 37 pixel  
   Height of the cell in pixel = 367 pixel  
   Nominal height reported = 345.58 µm  
     
   37 is 9.91 times of 367, so 10 µm x 9.91 = 99.1 µm (this is the Height)  
   99.1/345.58= 0.2870, ABEL should be multiplied by 0.2870
2. **Di Benedetto   
   PMID 26869881**Scale bar in the article = 20 µm  
   Pixel for scale bar = 34 pixel  
   Height of the cell in pixel = 50 pixel  
   Nominal height reported = 222.35 µm  
     
   34 is 1.47 times of 50, so 20 µm x 1.65625 = 29.411 µm (this is the Height)  
   29.411/222.35= 0.1323, ABEL should be multiplied by 0.1323
3. **Wake   
   PMID 31862977**Scale bar in the article = 10 µm  
   Pixel for scale bar = 20 pixel  
   Height of the cell in pixel = 115 pixel  
   Nominal height reported = 360.78 µm  
     
   20 is 5.75 times of 115, so 10 µm x 5.75 = 57.5 µm (this is the Height)  
   57.5/360.78= 0.1594, ABEL should be multiplied by 0.1594
4. **Maguire-Zeiss   
   PMID 28921719**  
   Scale bar in the article = 10 µm  
   Pixel for scale bar = 37 pixel  
   Height of the cell in pixel = 89 pixel  
   Nominal height reported = 339.08 µm  
     
   37 is 2.405 times of 89, so 10 µm x 2.405= 24.05 µm (this is the Height)  
   24.05/339.08= 0.0710, ABEL should be multiplied by 0.0710
5. **Rusakov   
   PMID 30177844**Scale bar in the article = 10 µm  
   Pixel for scale bar = 24 pixel  
   Height of the cell in pixel = 201 pixel  
   Nominal height reported = 358.16 µm  
     
   24 is 8.375 times of 201, so 10 µm x 8.375 = 83.75 µm (this is the Height)  
   83.75/358.16= 0.2338, ABEL should be multiplied by 0.2338
6. **H\_Zhang   
   PMID 30654821**Scale bar in the article = 20 µm  
   Pixel for scale bar = 38 pixel  
   Height of the cell in pixel = 128 pixel  
   Nominal height reported = 334.26 µm  
     
   38 is 3.36 times of 128, so 20 µm x 3.36 = 67.36 µm (this is the Height)  
   67.36/334.26= 0.2015, ABEL should be multiplied by 0.2015
7. **Weil   
   PMID 26833850**Scale bar in the article = 20 µm  
   Pixel for scale bar = 78 pixel  
   Height of the cell in pixel = 81.9 pixel  
   Nominal height reported = 30.57 µm  
     
   78 is 1.05 times of 81.9, so 20 µm x 1.05 = 21.17 µm (this is the Height)  
   21.17/30.57= 0.6926, ABEL should be multiplied by 0.6926
8. **Fernandez-Ruiz   
   PMID 30076846**

Multiply by 0.65 & Divide by 2

**NEURONS**

1. **Cox**

**PMID: 21811639**

Scale bar in the article = 50 µm  
Pixel for scale bar = 118 pixel  
Height of the cell in pixel = 309 pixel  
Nominal height reported = 473.95 µm  
  
21 is 14.71 times of 309, so 50 µm x 14.71 = 735.71 µm (this is the Height)  
735.71/473.95 = 1.5523, ABEL should be multiplied by 1.5523

**PMID: 30395636**

Scale bar in the article = 100 µm  
Pixel for scale bar = 47 pixel  
Height of the cell in pixel = 292 pixel  
Nominal height reported = 588.73 µm  
  
47 is 6.21 times of 292, so 100 µm x 6.21 = 621 µm (this is the Height)  
621/588.73 1.0553, ABEL should be multiplied by 1.0553

1. **Zhang\_X   
   PMID 28263300**  
   Scale bar in the article = 100 µm  
   Pixel for scale bar = 57 pixel  
   Height of the cell in pixel = 259 pixel  
   Nominal height reported = 92.17 µm  
     
   57 is 4.54 times of 259, so 100 µm x 4.54 = 454.38 µm (this is the Height)  
   454.38/92.17 = 4.9299 ABEL should be multiplied by 4.9299