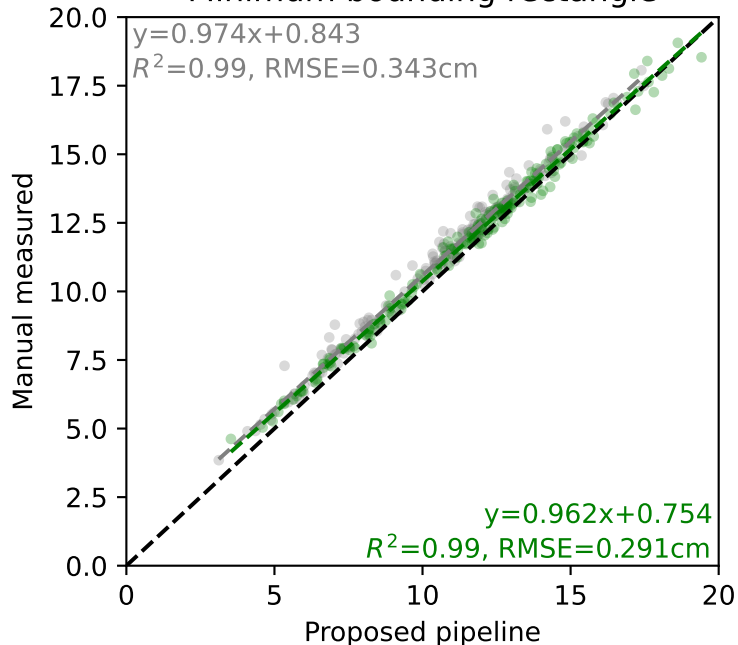
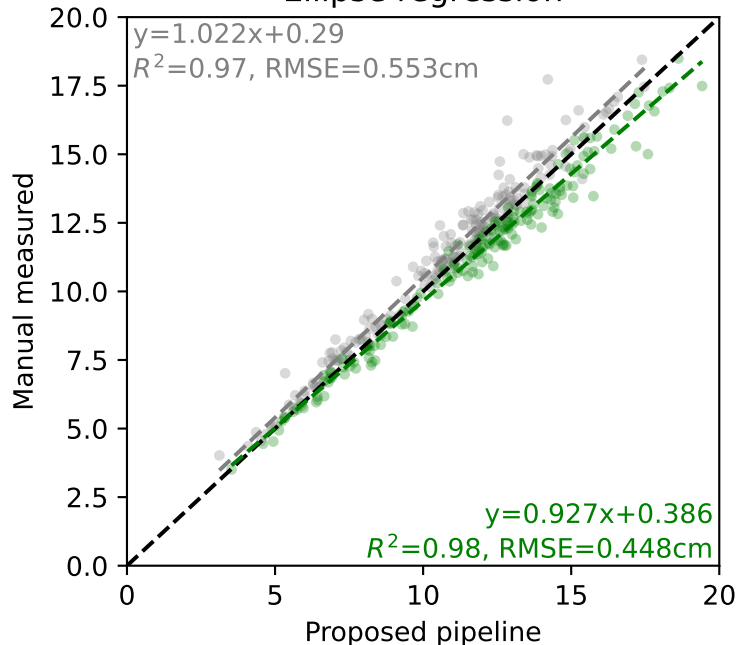


Minimum bounding rectangle



Ellipse regression



• shortest head length

• longest head length