

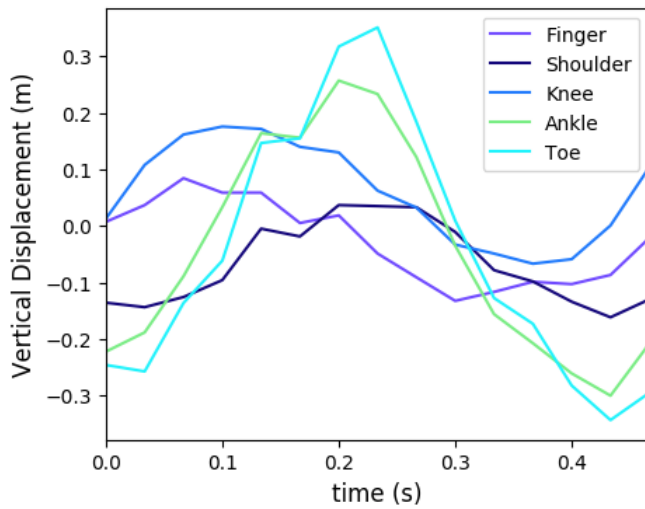
# Dolphin Kick Analysis for Dana Vollmer

Gender: Female

Orientation: Front

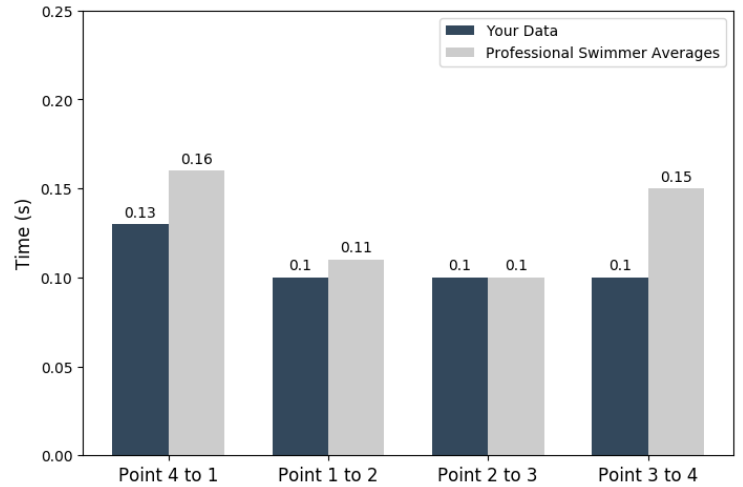
Speed: Fast

### Vertical Variation Over Time



All displacement values calculated relative to hip

### Time Decomposition



Time interval between key points of kick. See below for definitions of key points

## Statistical Analysis of Vertical Displacement

— Your Data  
— Elite Swimmer Average

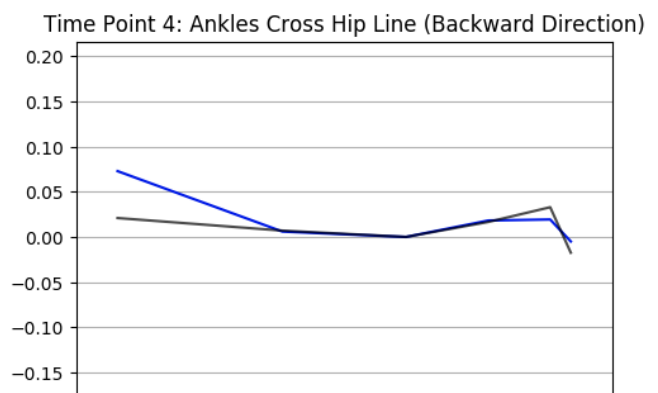
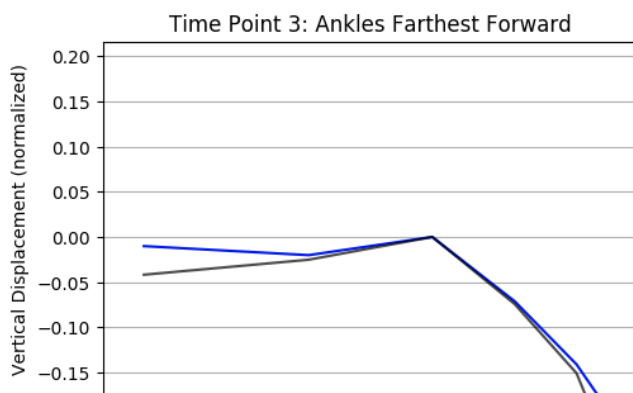
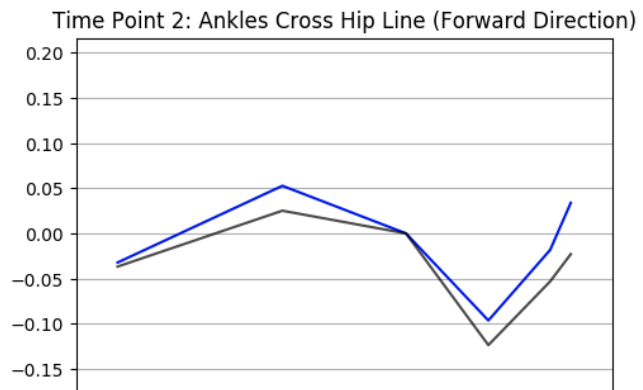
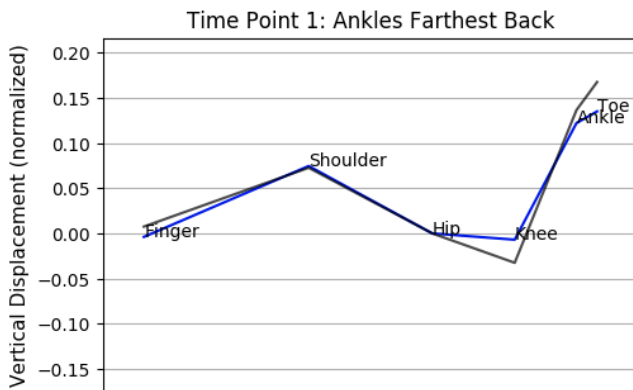


Figure shows comparison of vertical displacement of key joints on swimmers body with average vertical displacement of key joints from professional swimmers during four distinct time points within the kick. All statistically significant differences are marked red.