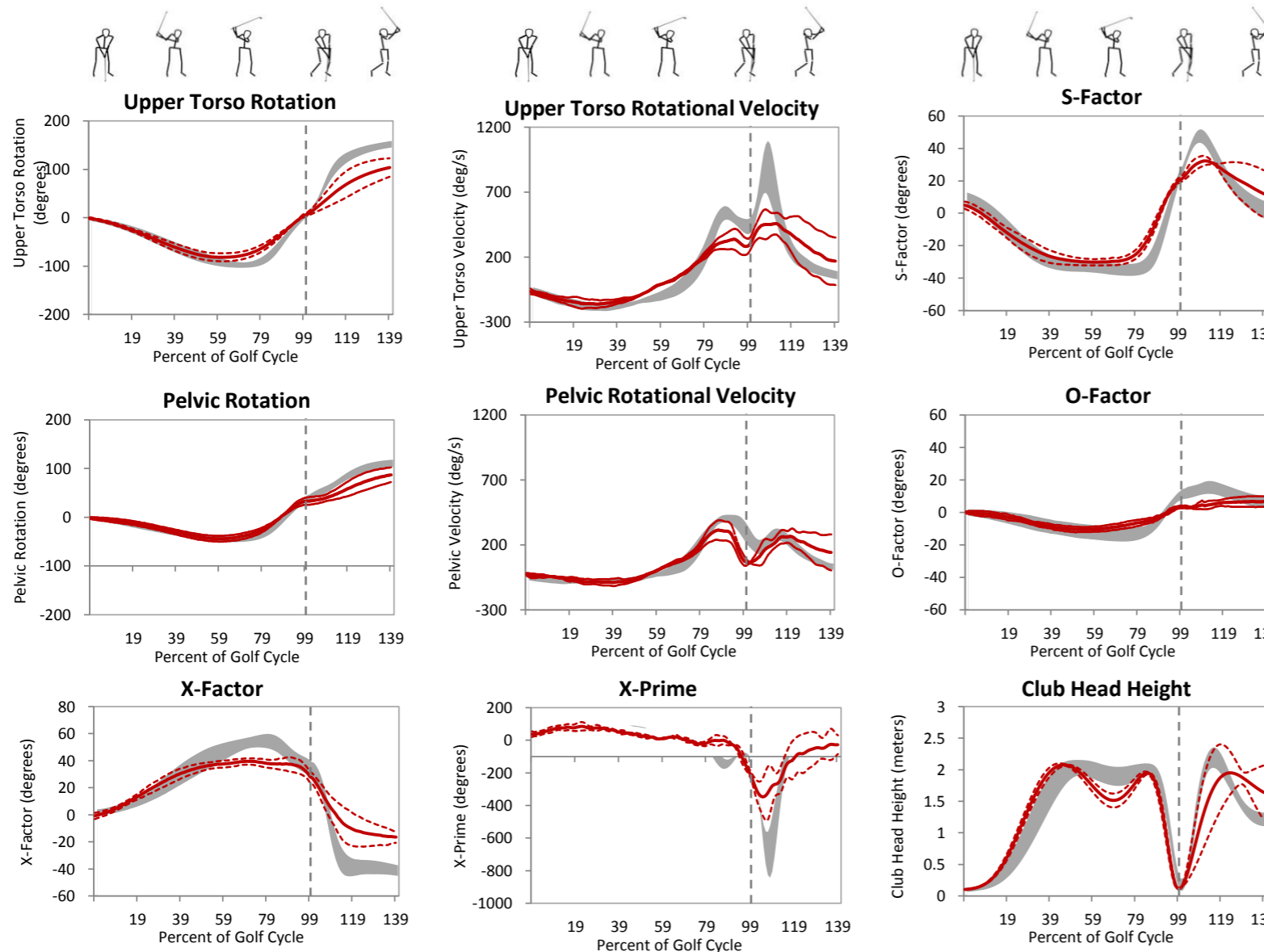


# Golf Swing Rotational Biomechanics

Name: Test  
Date: 22-06-17



Golf Swing Parameters:	Ave ± SD	% of Pro
<b>At Impact:</b>		
Clubhead Speed	25.2 ± 3.8	71%
Torso Rotation	4.6 ± 3.4	76%
Pelvic Rotation	32.7 ± 7.3	84%
Torso Velocity	288.5 ± 55.3	63%
Pelvic Velocity	78.3 ± 36.5	27%
S-Factor	20.0 ± 1.6	80%
O-Factor	3.5 ± 0.9	29%
X-Factor	28.1 ± 4.0	85%
X-Prime	-210.1 ± 20.6	134%
<b>Peak Value:</b>		
Clubhead Speed	81.8 ± 8.5	83%
Torso Rotation	81.8 ± 8.5	83%
Pelvic Rotation	44.1 ± 5.9	96%
Torso Velocity	516.4 ± 69.5	56%
Pelvic Velocity	330.0 ± 66.3	80%
S-Factor	40.1 ± 2.9	83%
O-Factor	7.0 ± 3.0	44%
X-Factor	40.1 ± 2.9	72%
X-Prime	88.9 ± 23.2	83%

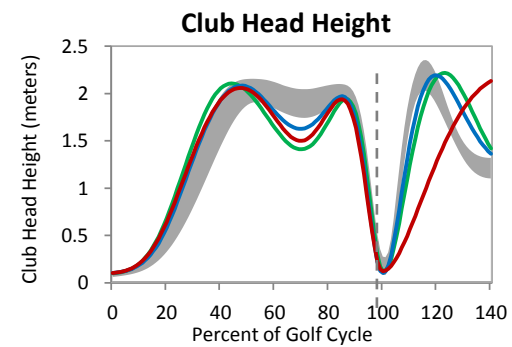
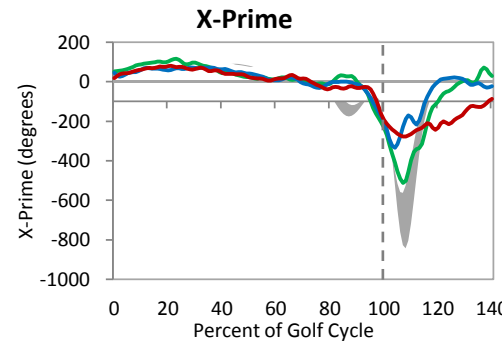
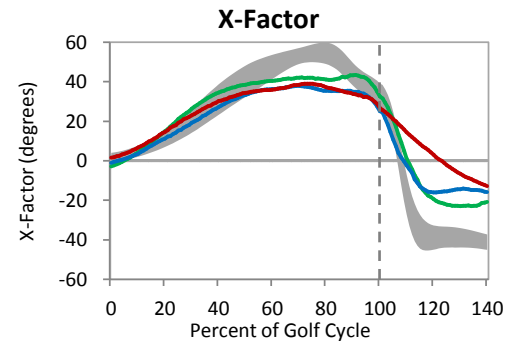
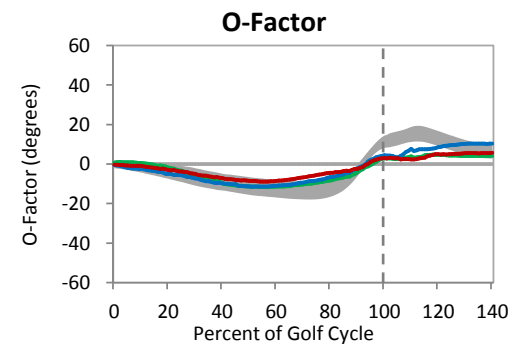
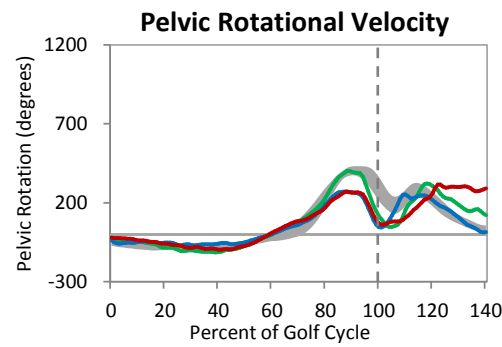
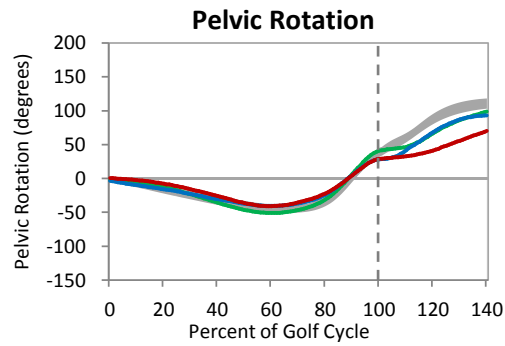
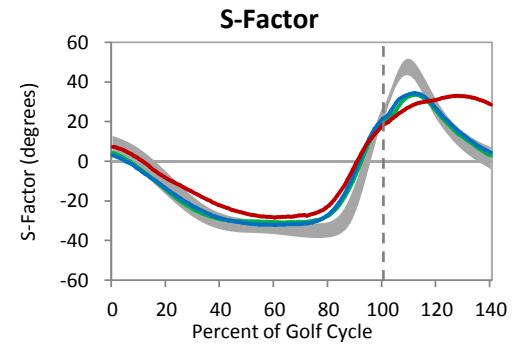
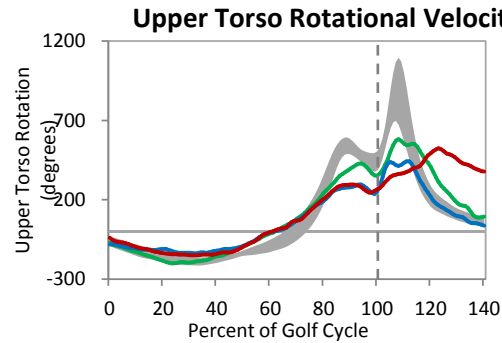
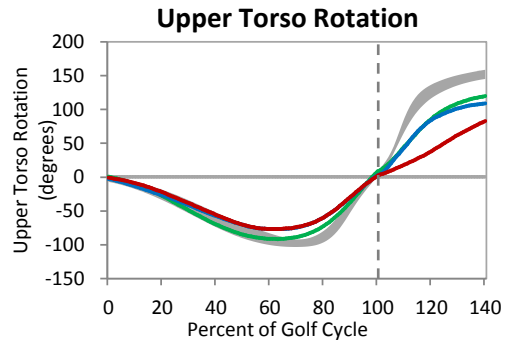
**Legend:**  
 Pro Average (± SD)  
 Your Average (± SD)

**Handicap:** 30

## Interpretation:

- Torso Rotation:** In backswing is high; in follow-through is low
- Pelvic Rotation:** In follow-through is low
- X-Factor:** In backswing is low; in follow through is high
- Torso Velocity:** At impact is low; in early follow-through is low; in late follow-through is high
- Pelvic Velocity:** At impact is low; in late follow-through is high
- X-Prime (Difference between torso-hip velocity):** At impact is less
- S-Factor (Leading hip):** In downswing is high; in early follow-through is low; in late follow-through is high
- O-Factor (Leading hip):** At impact is low; in early follow-through is low
- Clubhead Height:** In backswing is low; in early follow-through is low; in late follow-through is high

Name: Test  
Date: 22-06-17  
Handicap: 30



Biomechanical Parameter	Units	Pros	Test	% of Pro
<b>At Impact:</b>				
Clubhead Speed	m/s	35.4 ± 2.1	25.2 ± 3.8	71%
Upper Torso Rotation	degrees	6 ± 5	4.6 ± 3.4	76%
Pelvic Rotation	degrees	39 ± 6	32.7 ± 7.3	84%
Upper Torso Velocity	deg/s	458 ± 73	288 ± 55	63%
Pelvic Velocity	deg/s	289 ± 72	78 ± 37	27%
S-Factor	degrees	25 ± 3	20 ± 2	80%
O-Factor	degrees	12 ± 3	3 ± 1	29%
X-Factor	degrees	33 ± 6	28 ± 4	85%
X-Prime	degrees	-157 ± 15	-210 ± 21	134%
<b>Peak Value:</b>				
Clubhead Speed	m/s	±	±	
Upper-Torso Rotation	degrees	99 ± 6	82 ± 8	83%
Pelvic Rotation	degrees	46 ± 6	44 ± 6	96%
Upper-Torso Velocity	deg/s	929 ± 187	516 ± 69	56%
Pelvic Velocity	deg/s	415 ± 33	330 ± 66	80%
S-Factor	degrees	48 ± 4	40 ± 3	83%
O-Factor	degrees	16 ± 4	7 ± 3	44%
X-Factor	degrees	56 ± 4	40 ± 3	72%
X-Prime	degrees	107 ± 16	88.9 ± 23.2	83%