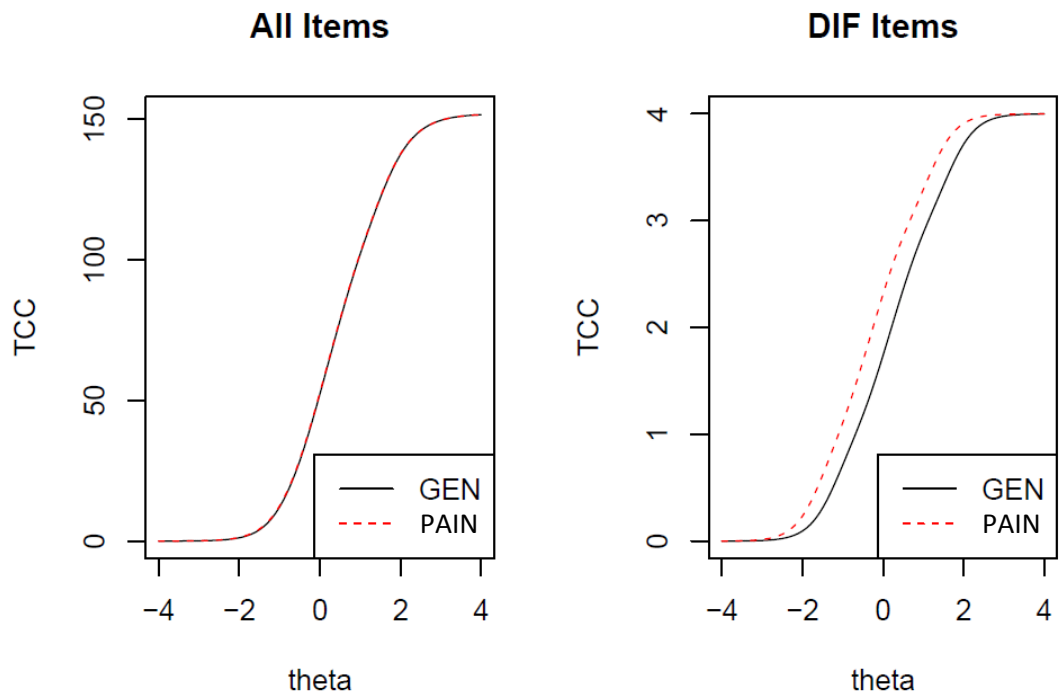


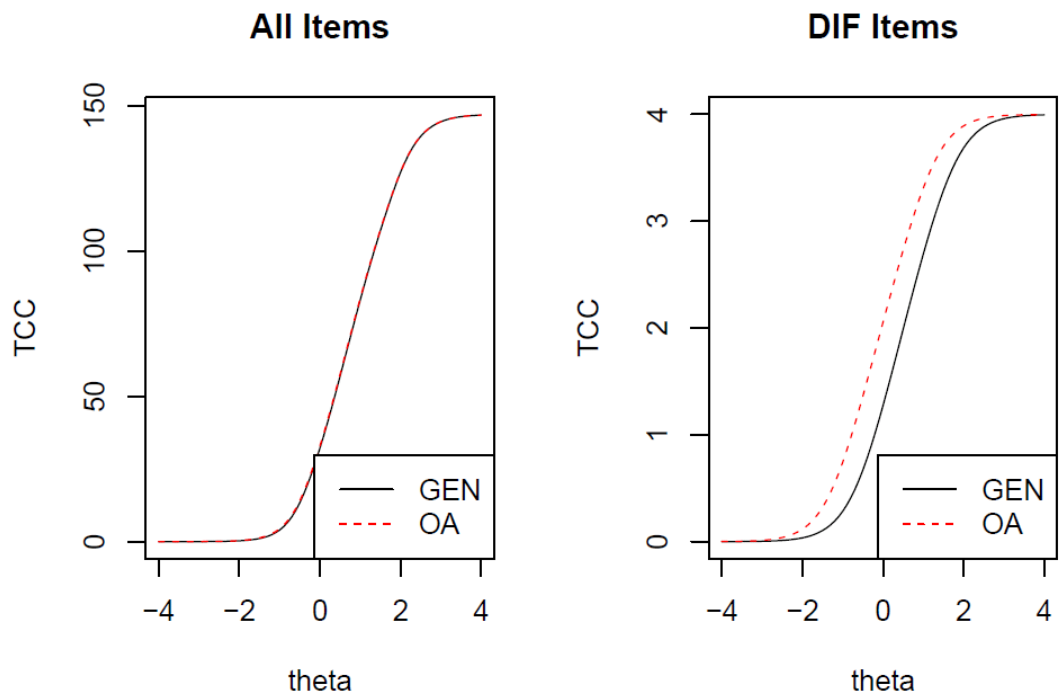
**Appendix 2:** The test characteristic curves per comparison with DIF and the item characteristics plots for all DIF items of the PROMIS Pain Interference bank

Test characteristic curves:

**Chronic Pain (PAIN) vs. General Population (GEN)**



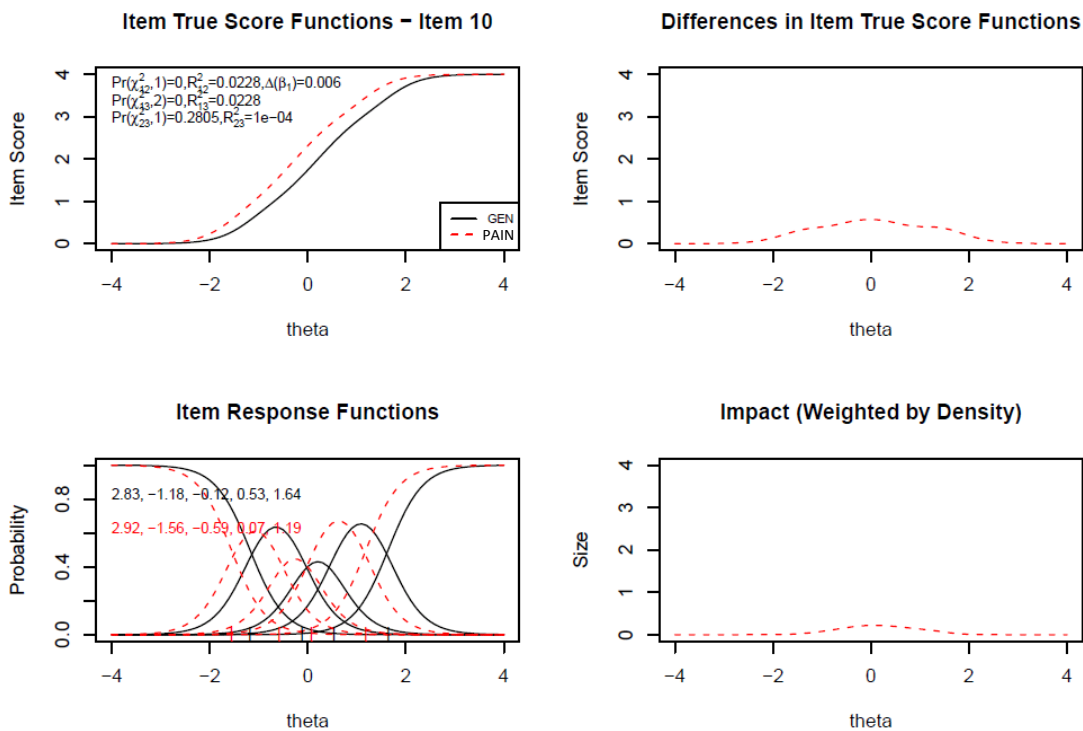
**Osteoarthritis (AMS-OA (in plots named as OA)) vs. General Population (GEN)**



**Item characteristics plots:**

**Chronic Pain (PAIN) vs. General Population (GEN)**

PAININ20 (item 10) – “In the past 7 days... How much did pain feel like a burden to you...”



**Osteoarthritis (AMS-OA (in plots named as OA)) vs. General Population (GEN)**

PAININ42 (item 30) – “In the past 7 days... How often did pain prevent you from standing for more than one hour...”

