

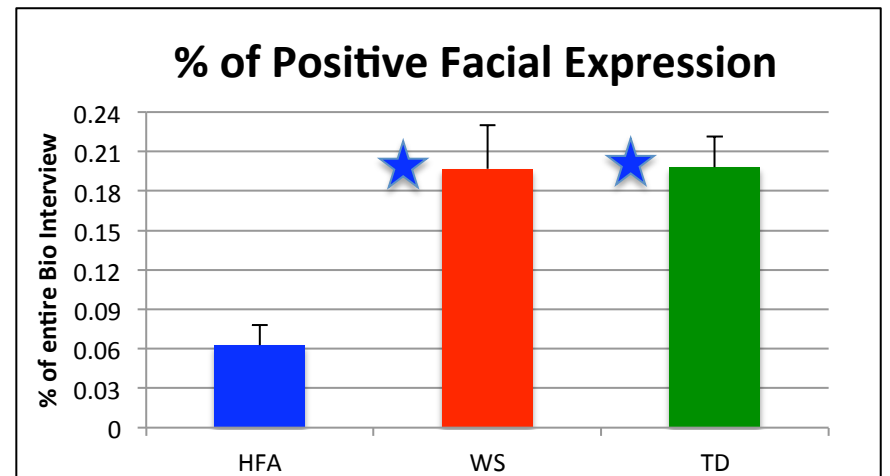
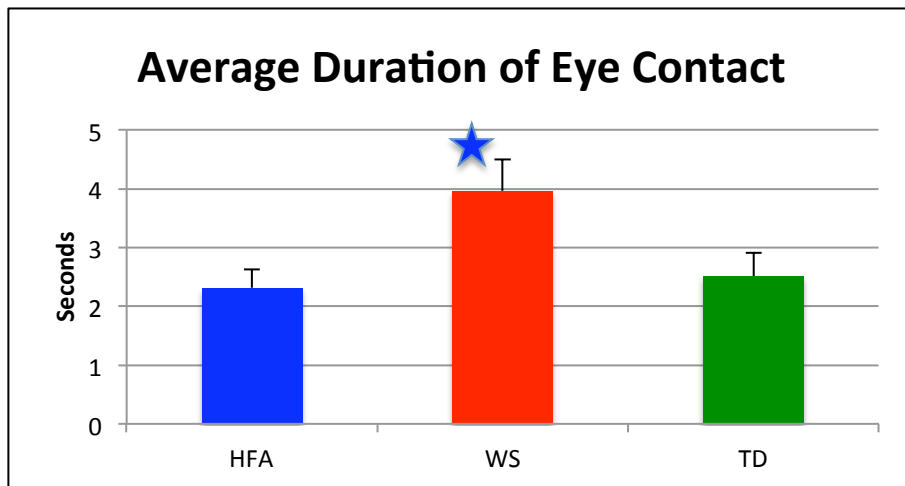
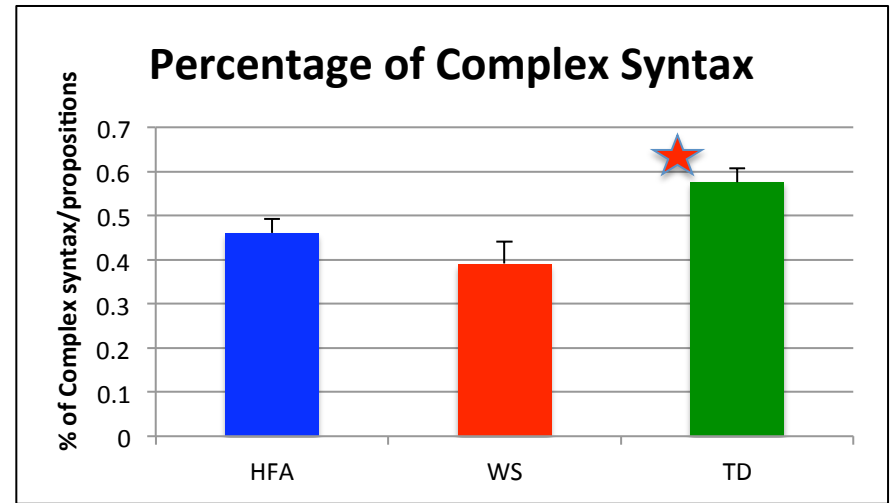
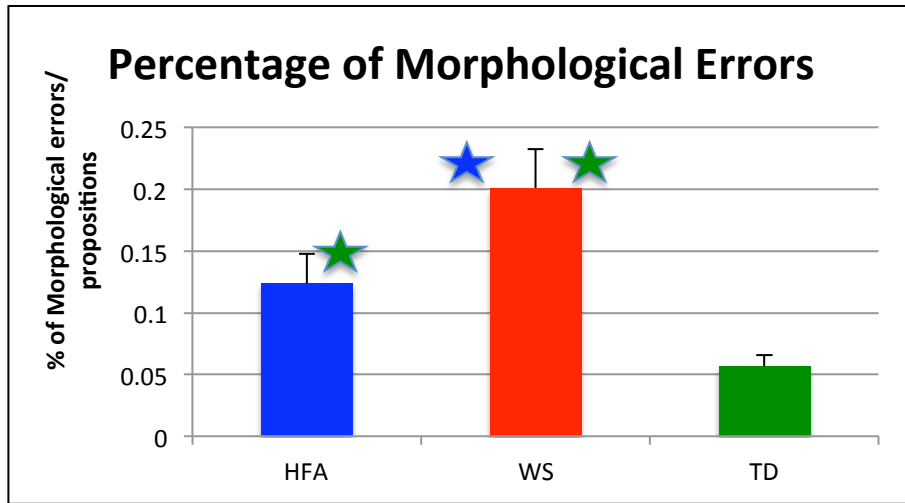
# Characterizing the Social and Affective Phenotype of Individuals with Neurodevelopmental Disorders

Philip Lai

May 10, 2014

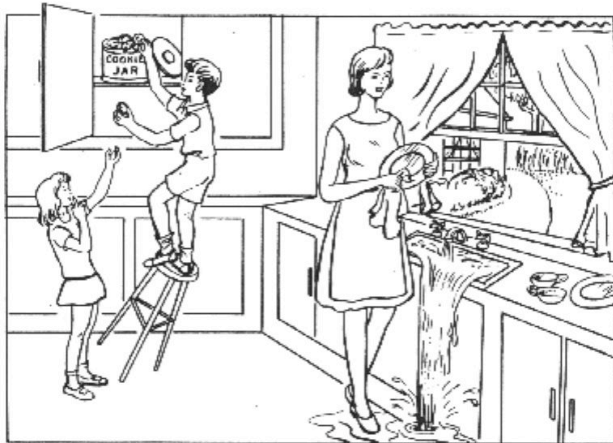
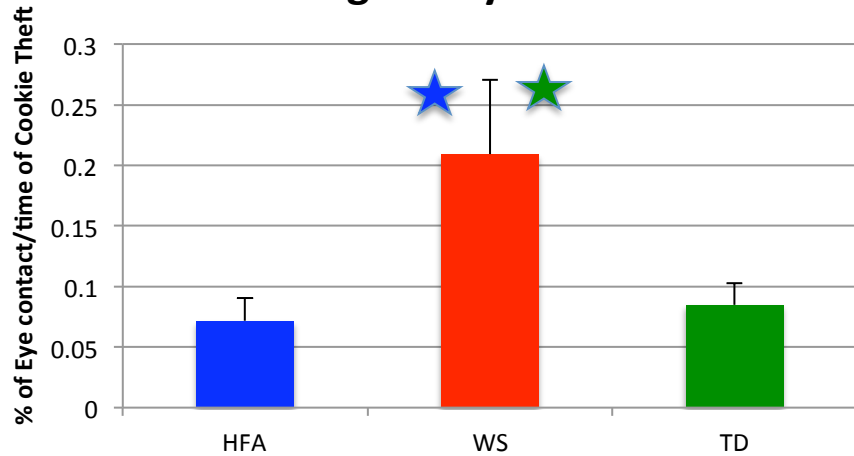
NIMH Cognitive Neuroscience Training Program  
The Institute for Neural Computation

# Structural Use of Language & Accompanying Nonverbal Behaviors

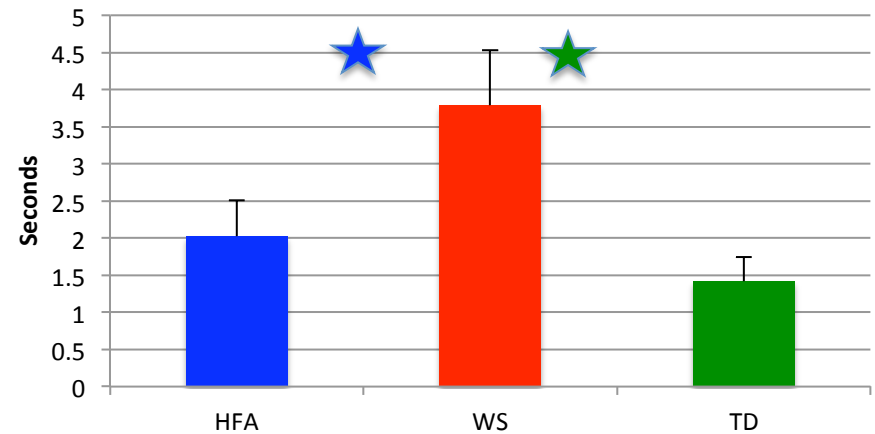


# Nonverbal Channels of Social Behaviors in Different Contexts

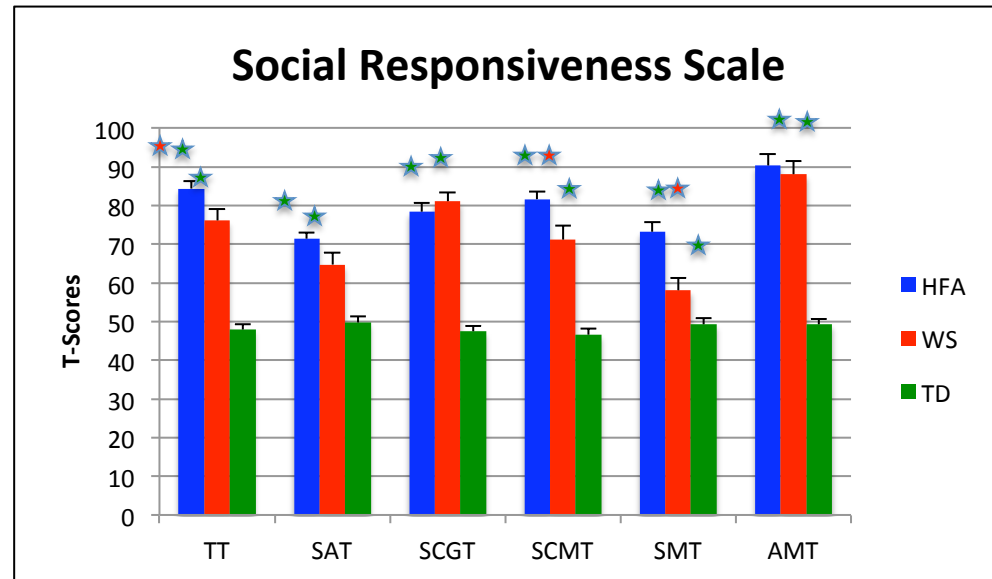
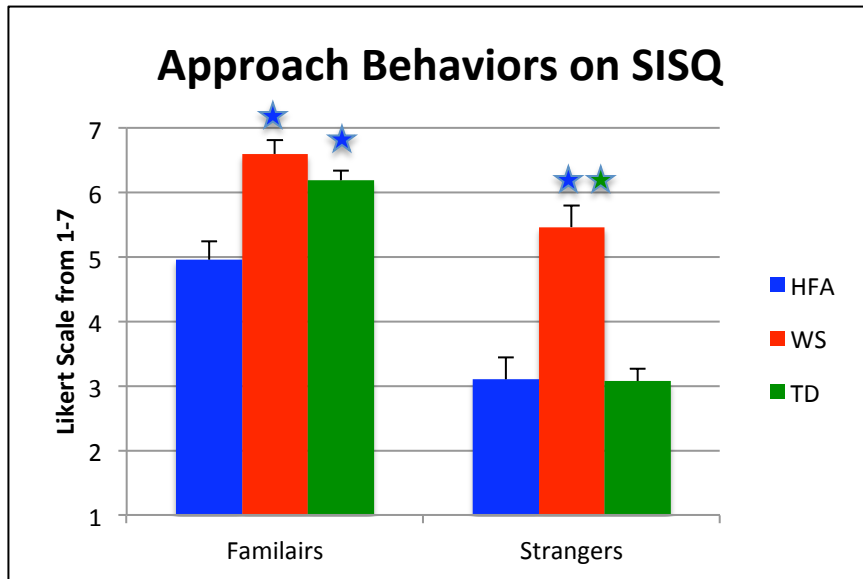
## Percentage of Eye Contact



## Eye Contact during Music



# Parental Perspective



What may be contributing to the social phenotype of these two groups?

– Oxytocin and Vasopressin

- Oxytocin may be low in HFA and high in WS