

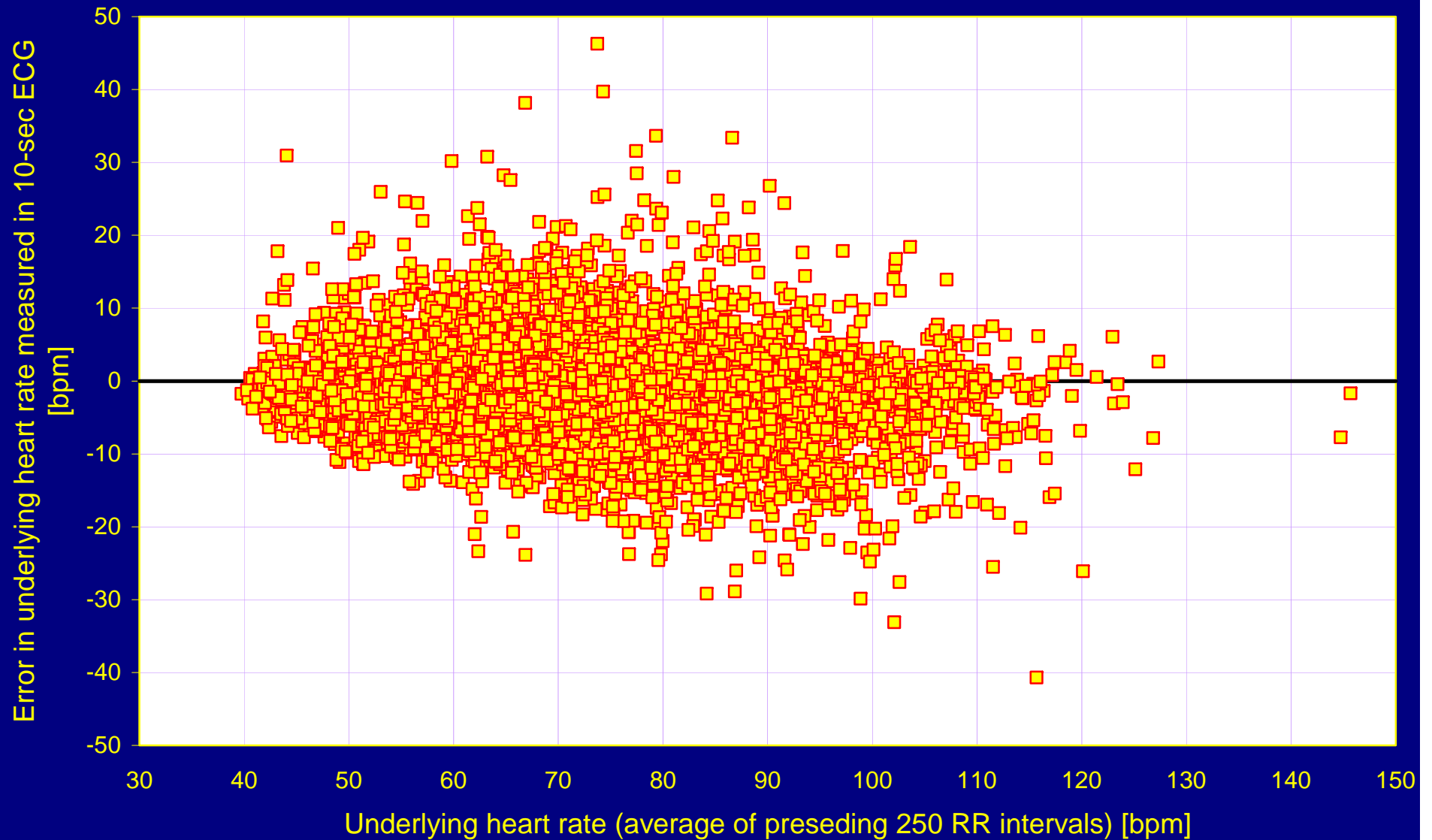
# Advantages of 12-lead Holter Technology in TQT studies

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# Sources of QTc variability

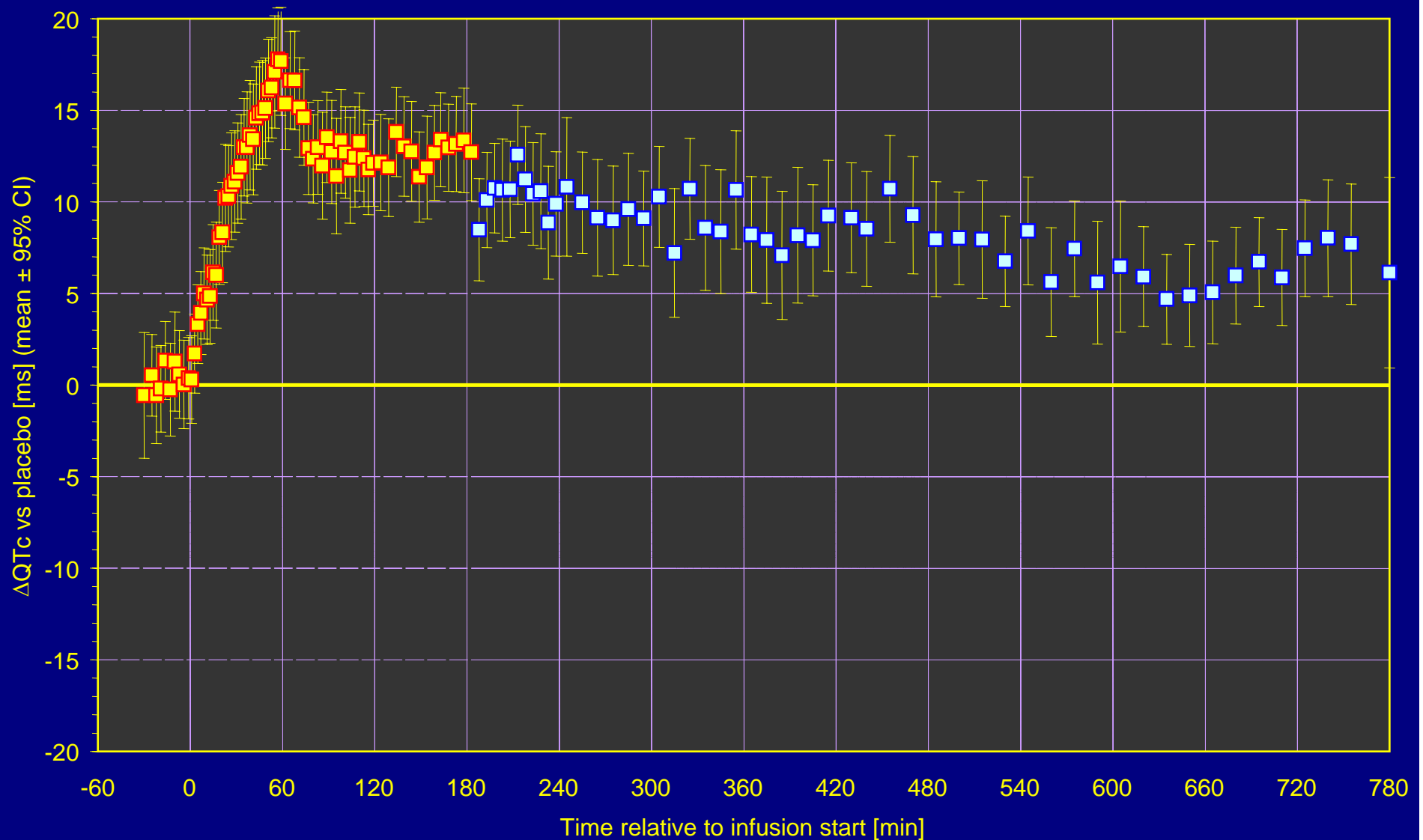
- Imprecision of QT measurement
  - Holter allows to select least noise polluted data
  - Holter allows to check sample to sample consistency
- Imprecision of heart rate correction
  - Holter allows to construct individual QT/RR patterns
- **Imprecision of heart-rate measurement**

# Example of Heart rate imprecision



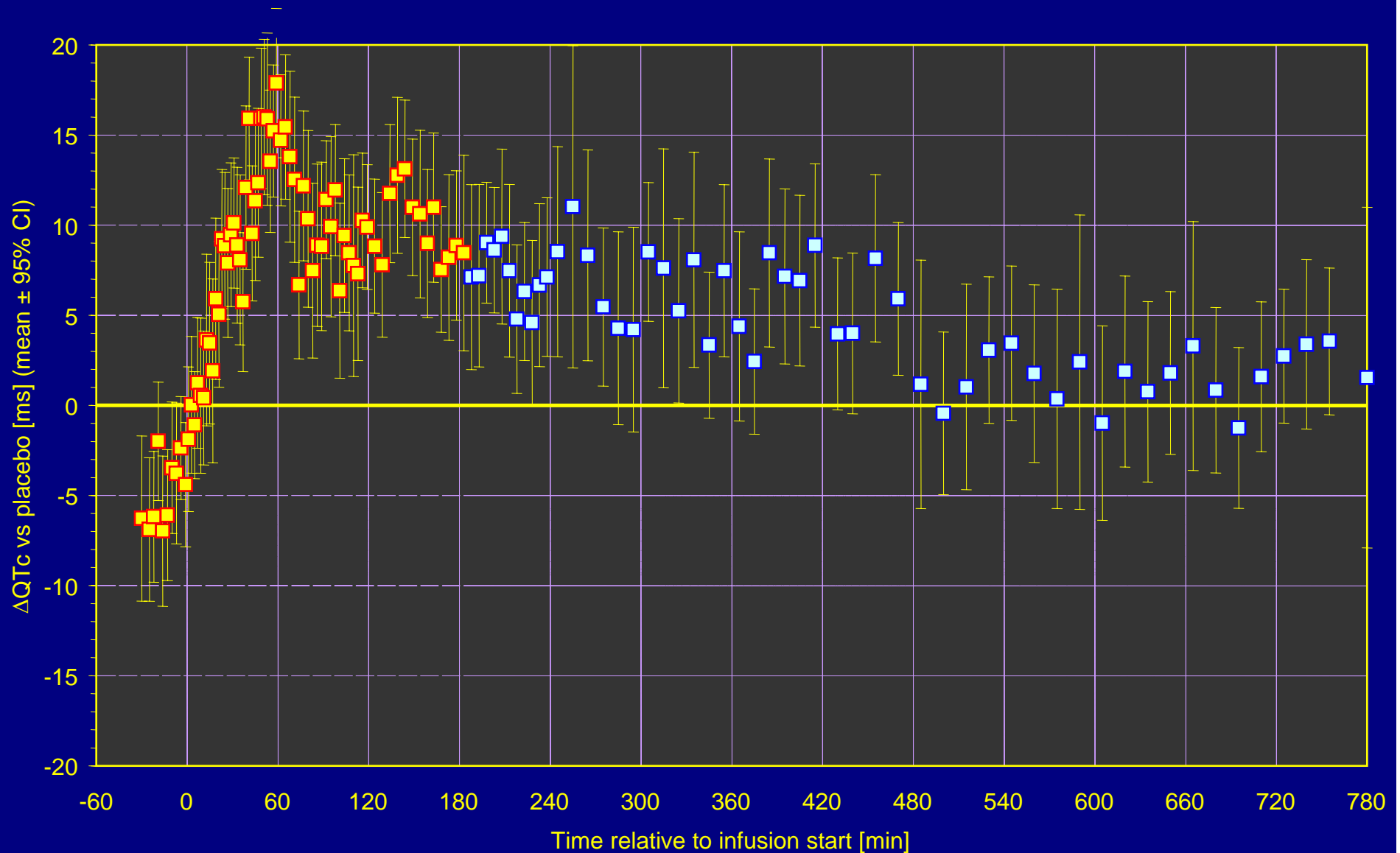
# Effect of moxifloxacin infusion

Measurement including heart rate stability and hysteresis

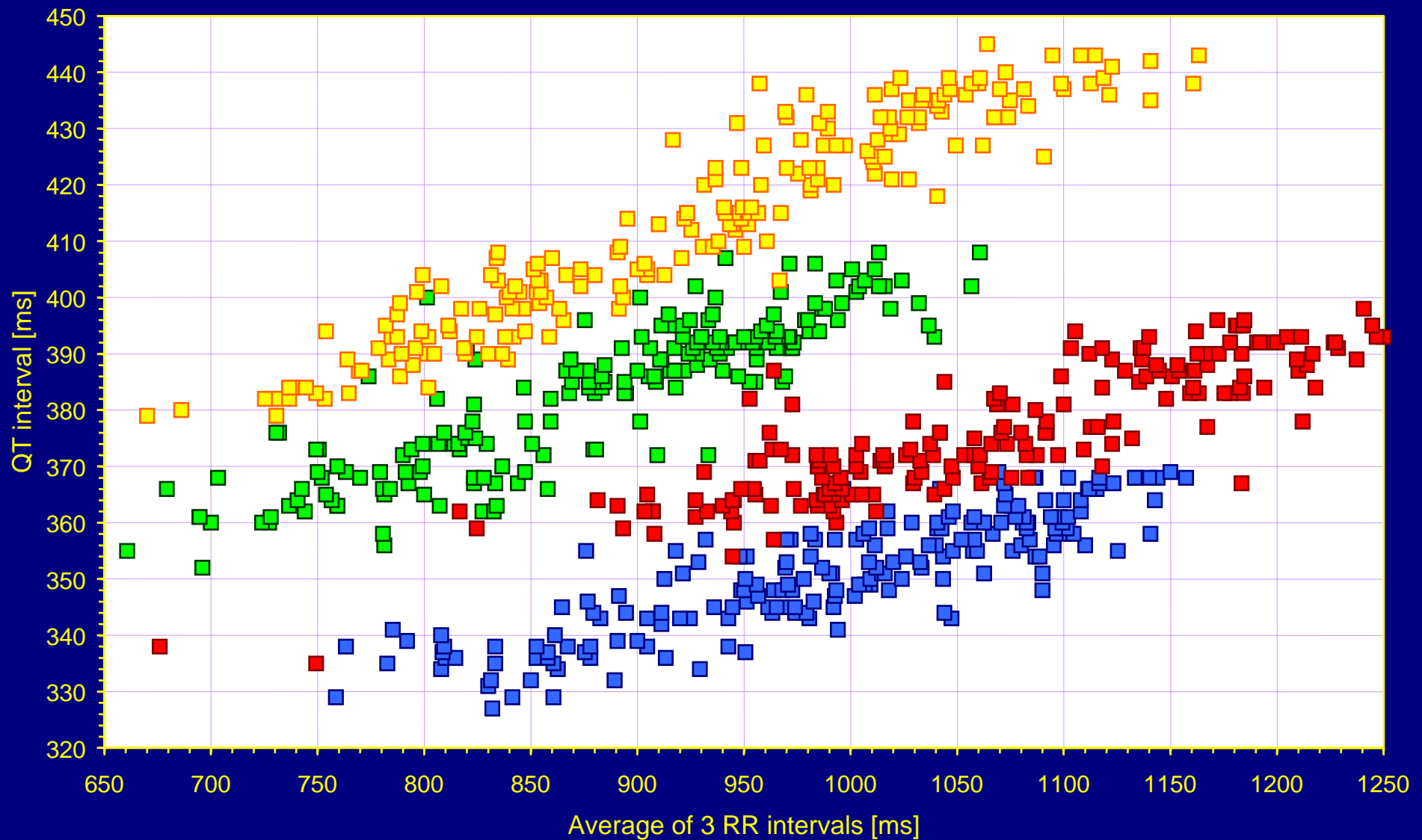


# Effect of moxifloxacin infusion

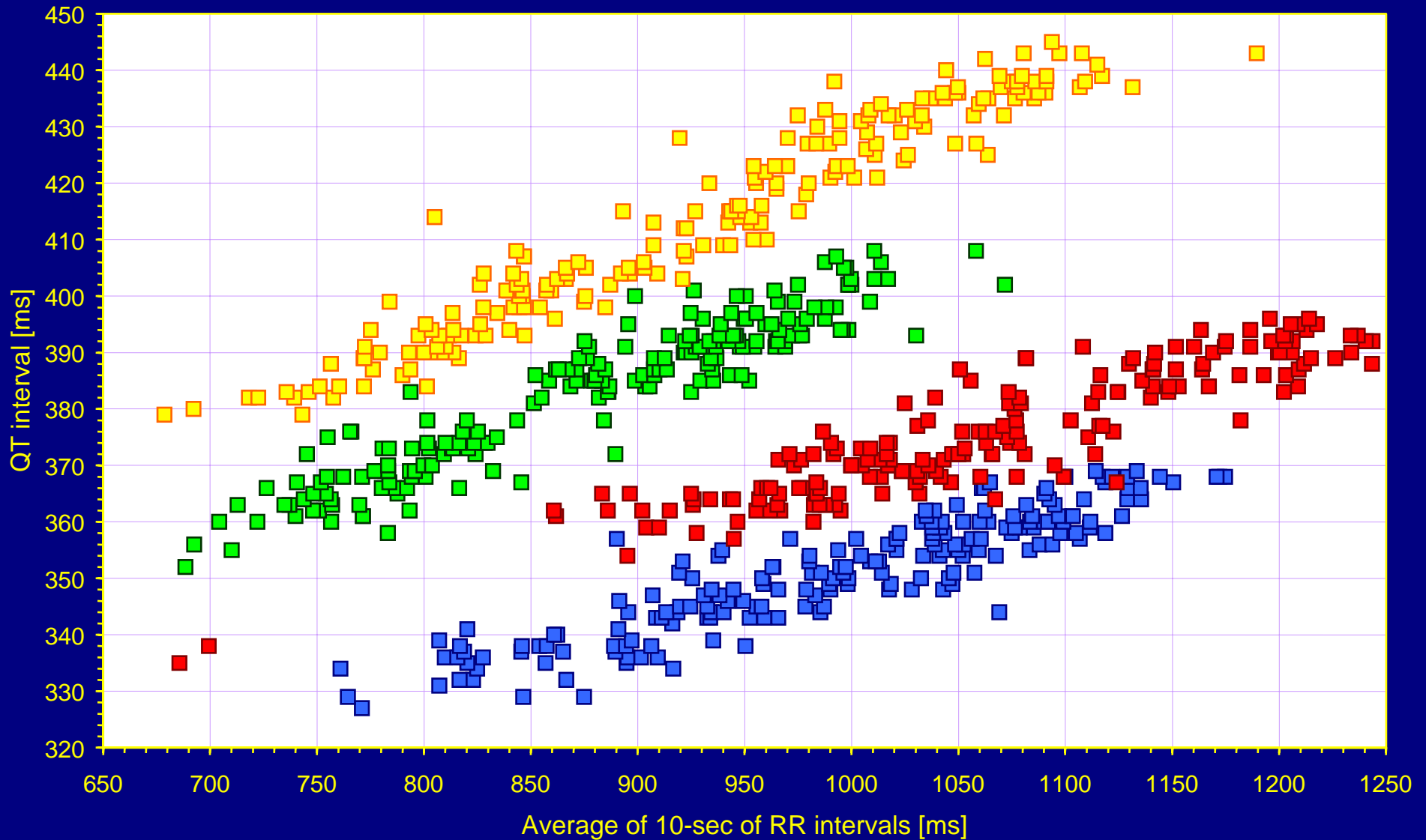
Measurement in 10-sec data (Fridericia)



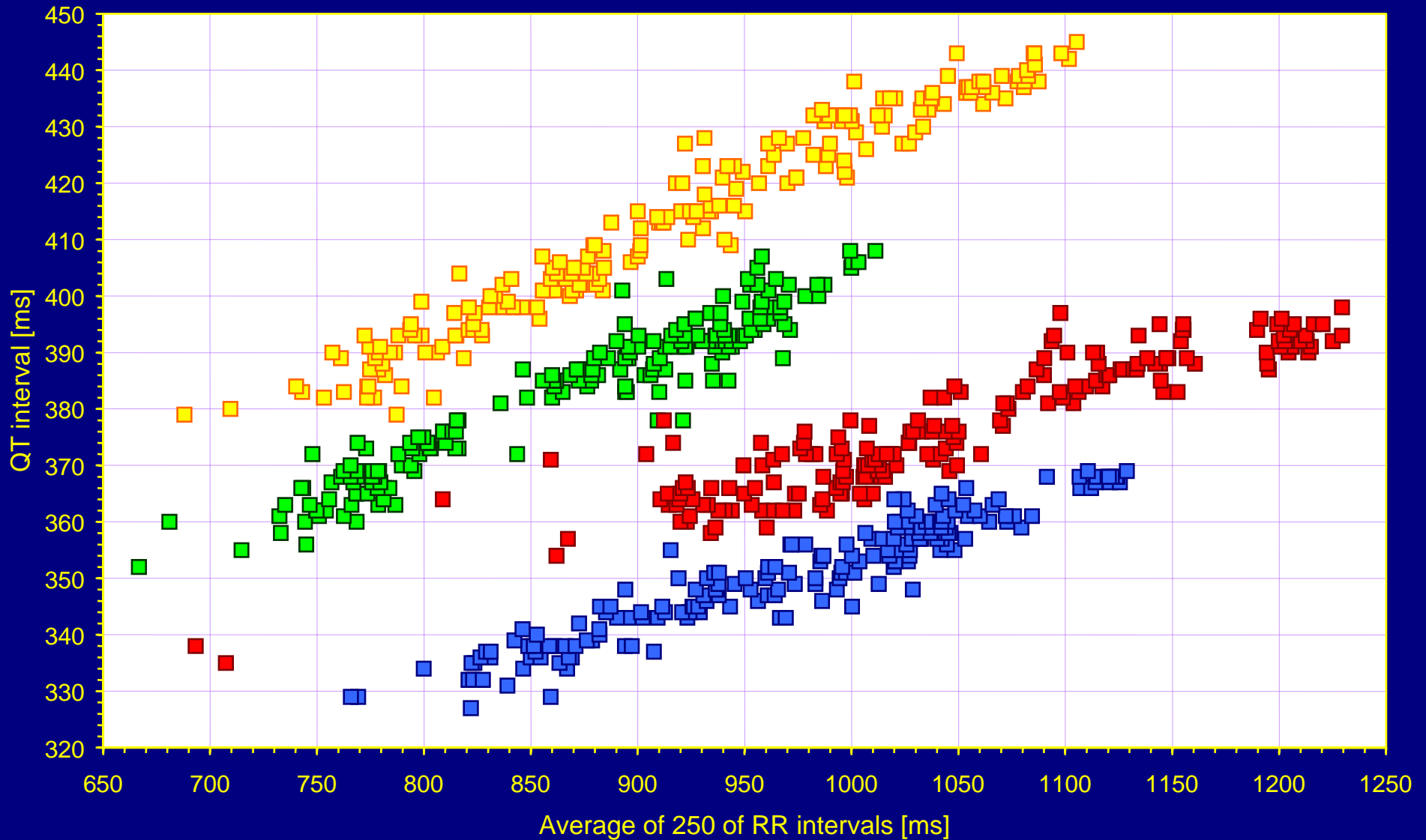
# Examples of individual QT/RR patterns



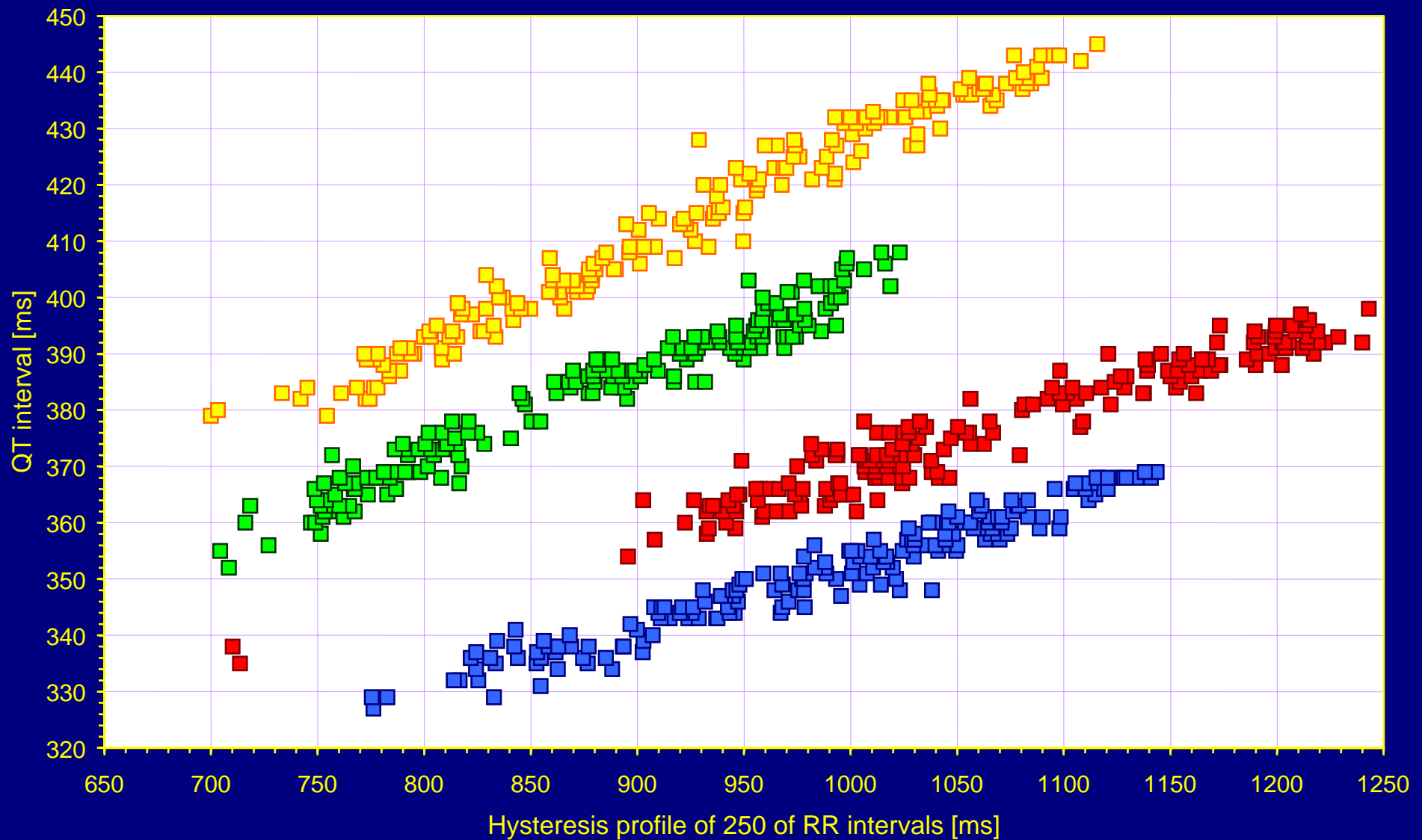
# Examples of individual QT/RR patterns



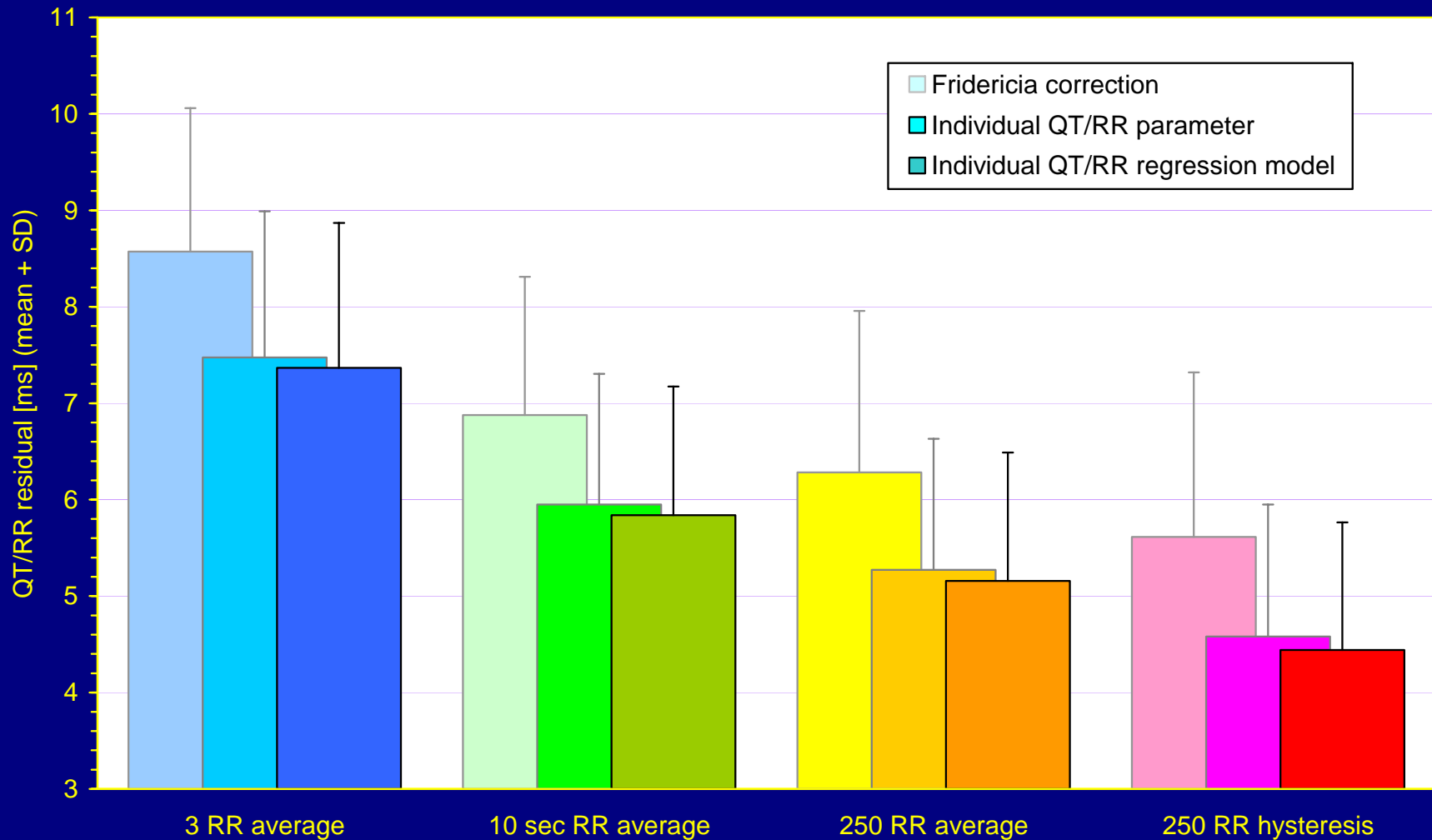
# Examples of individual QT/RR patterns



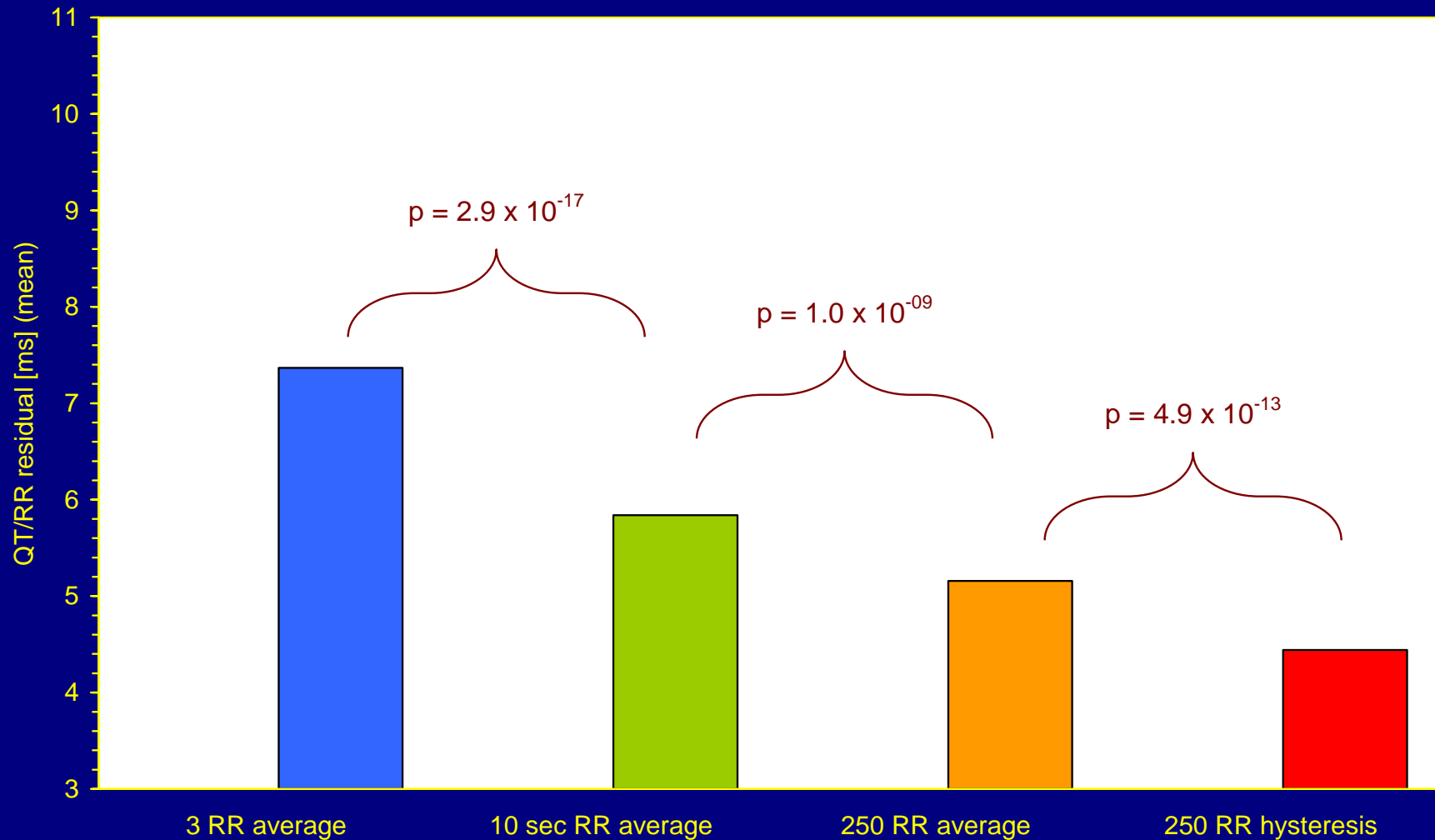
# Examples of individual QT/RR patterns



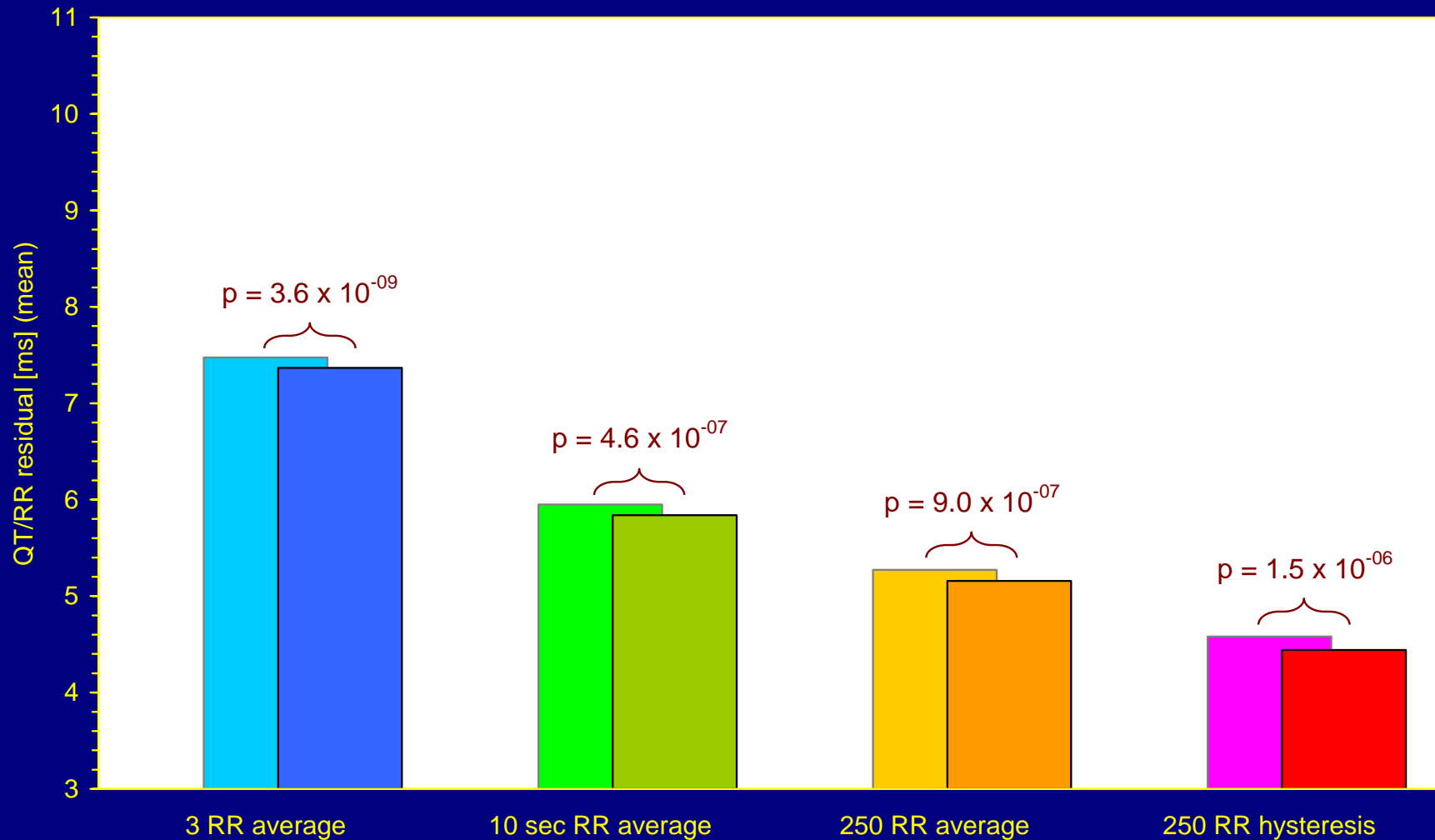
# Use of hysteresis in RR interval calculation



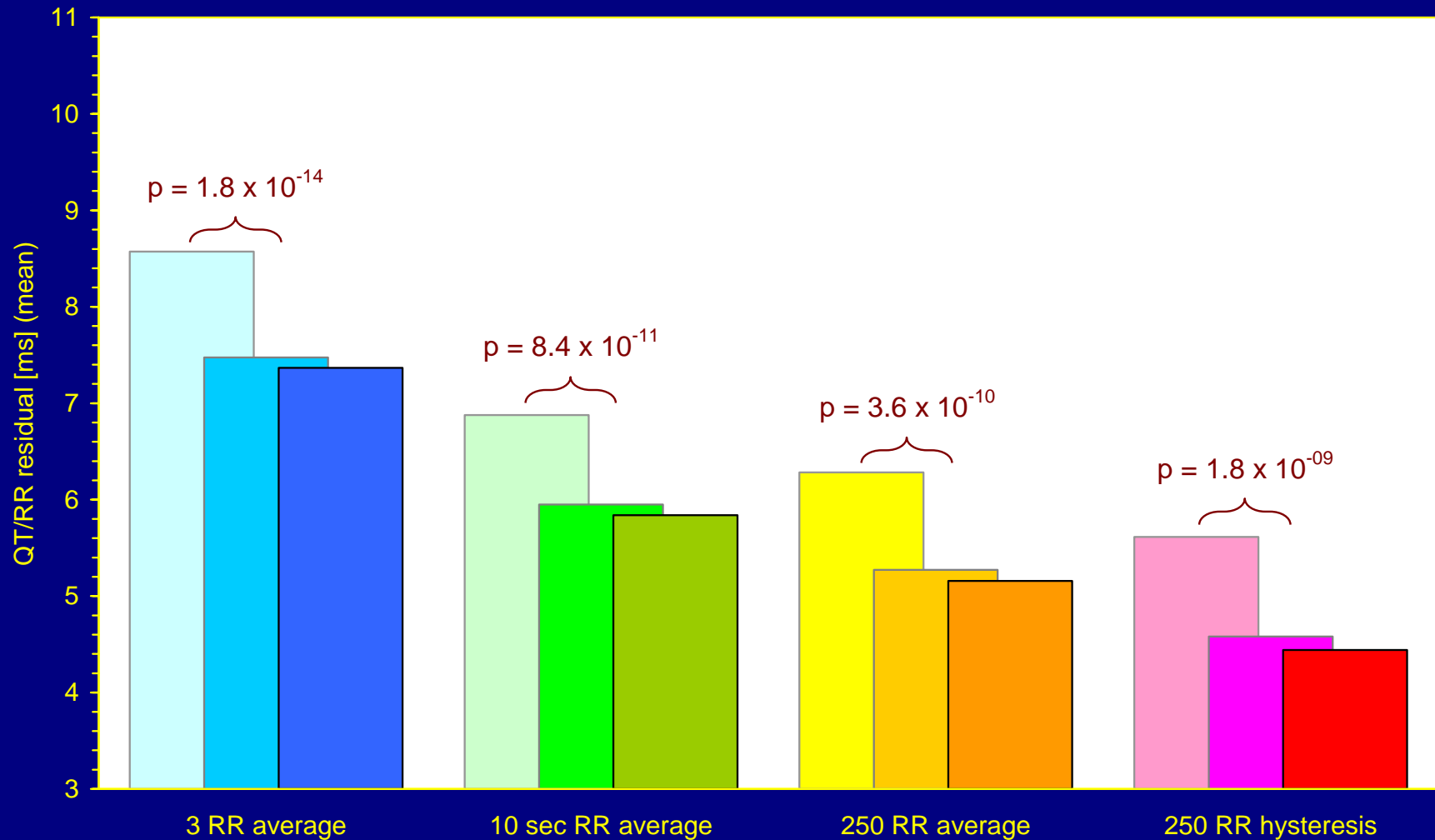
# Use of hysteresis in RR interval calculation



# Use of hysteresis in RR interval calculation



# Use of hysteresis in RR interval calculation



Thank You