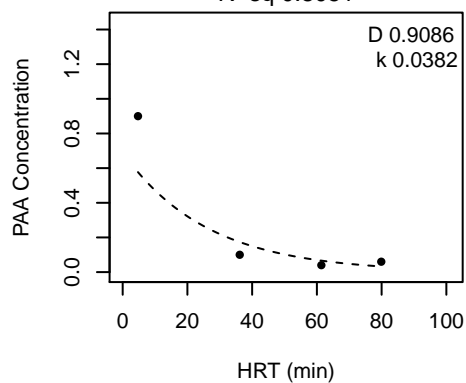
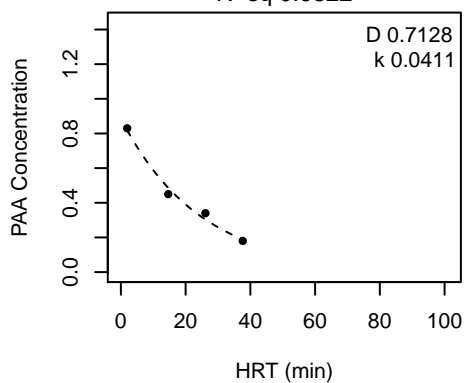


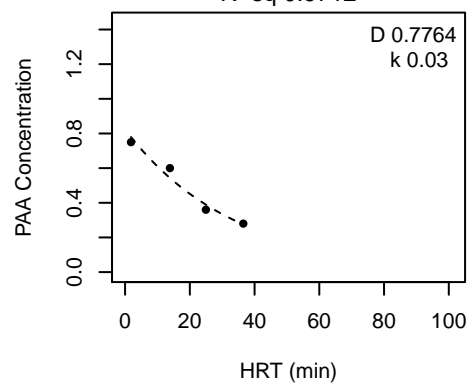
**Trial 25**  
R-sq 0.8051



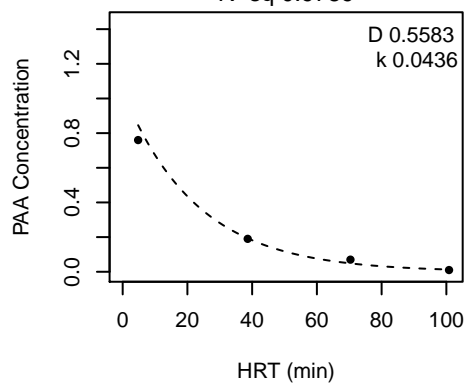
**Trial 26**  
R-sq 0.9822



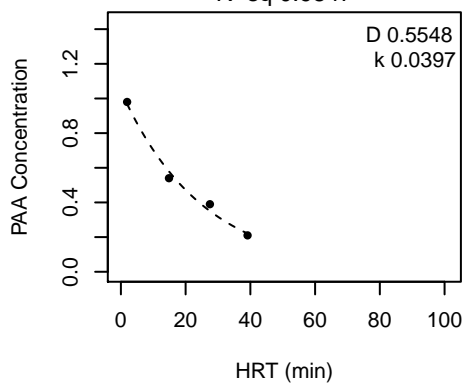
**Trial 27**  
R-sq 0.9712



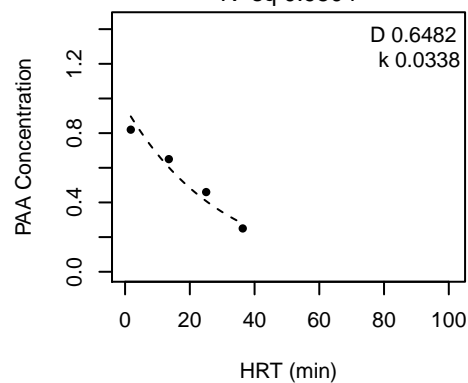
**Trial 28**  
R-sq 0.9789



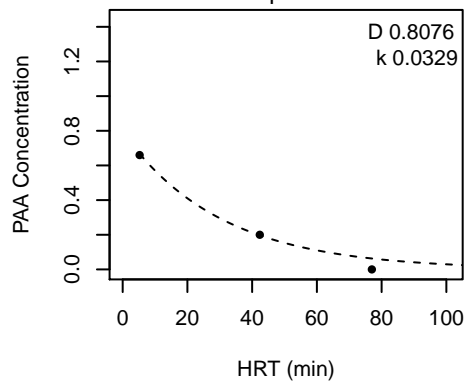
**Trial 29**  
R-sq 0.9847



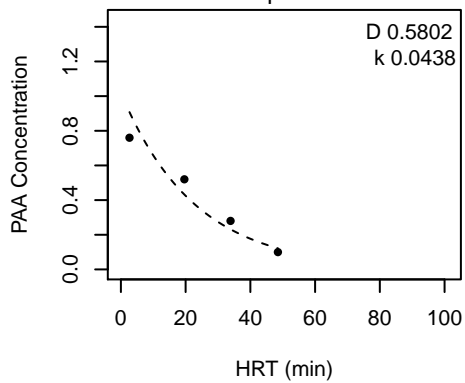
**Trial 30**  
R-sq 0.9504



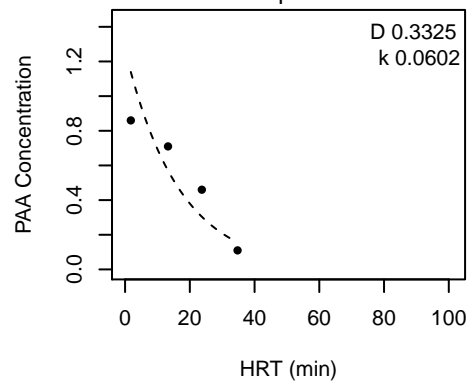
**Trial 31**  
R-sq 0.9999



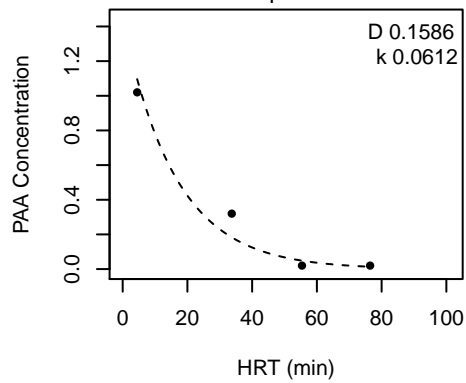
**Trial 32**  
R-sq 0.9399



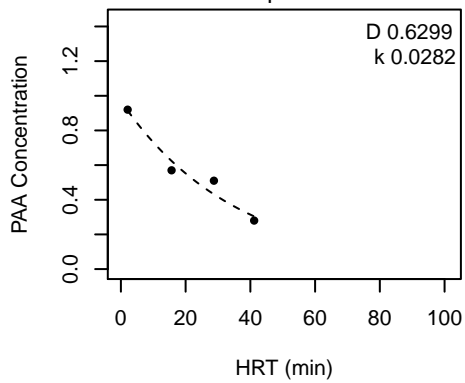
**Trial 33**  
R-sq 0.837



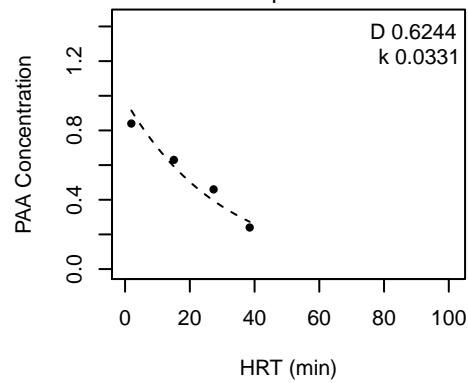
**Trial 34**  
R-sq 0.8939



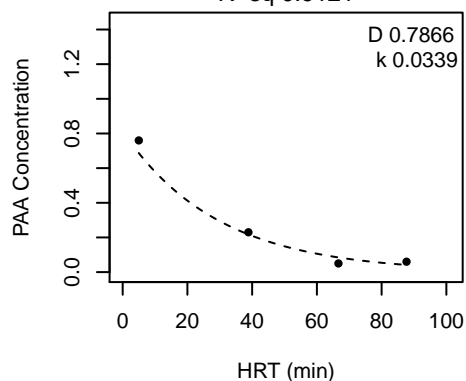
**Trial 35**  
R-sq 0.9403



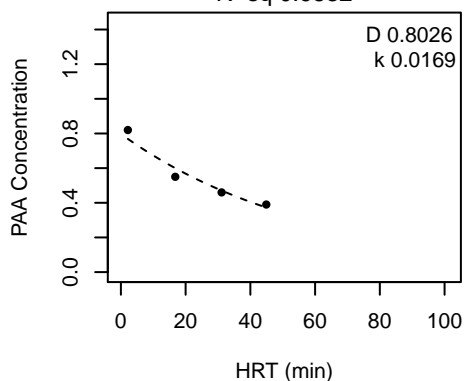
**Trial 36**  
R-sq 0.9412



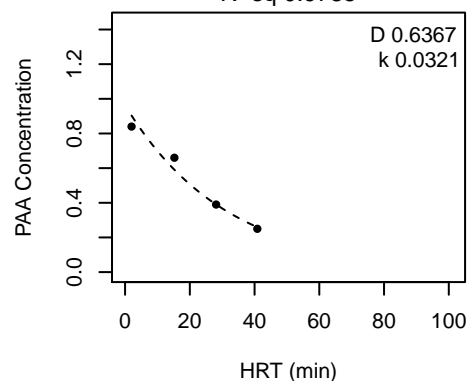
**Trial 37**  
R-sq 0.9121



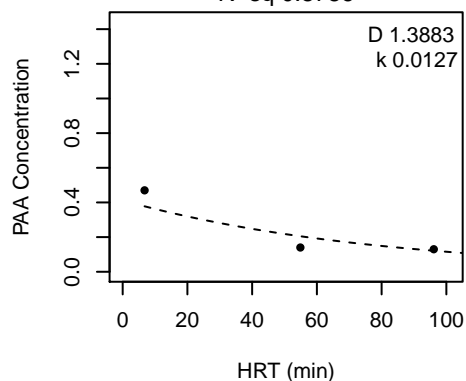
**Trial 38**  
R-sq 0.9532



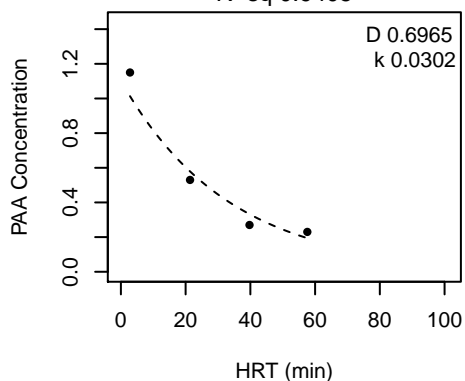
**Trial 39**  
R-sq 0.9785



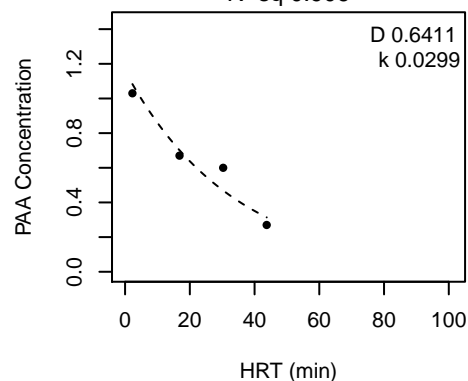
**Trial 40**  
R-sq 0.8786



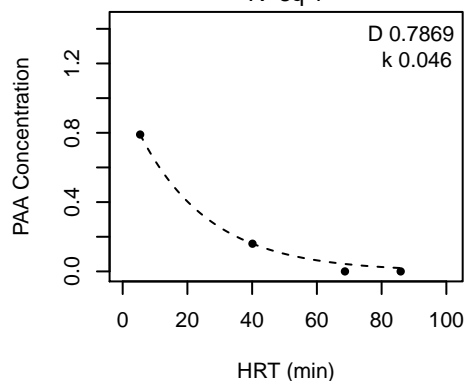
**Trial 41**  
R-sq 0.9405



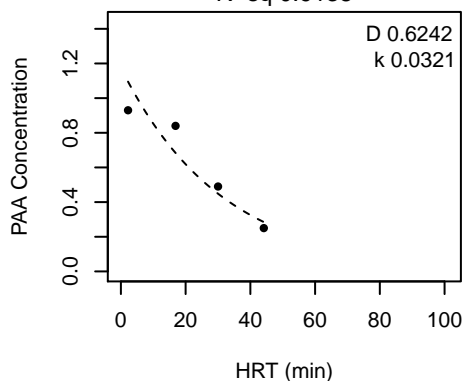
**Trial 42**  
R-sq 0.906



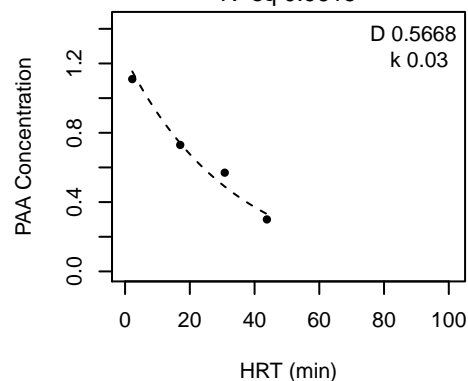
**Trial 43**  
R-sq 1



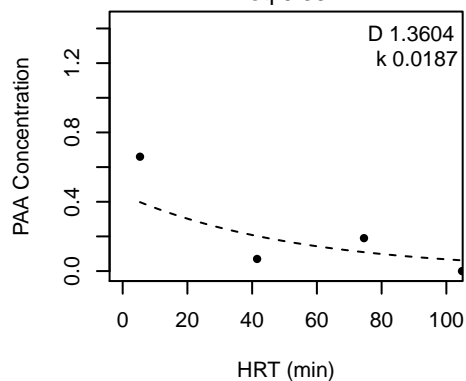
**Trial 44**  
R-sq 0.9138



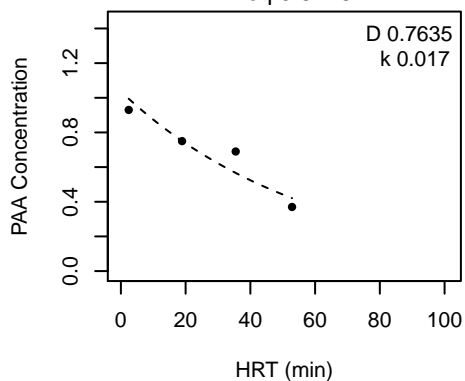
**Trial 45**  
R-sq 0.9615



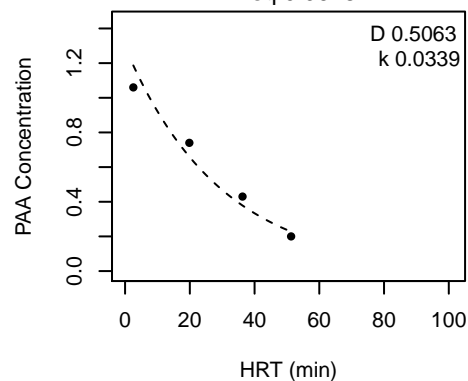
**Trial 46**  
R-sq 0.3312



**Trial 47**  
R-sq 0.8718

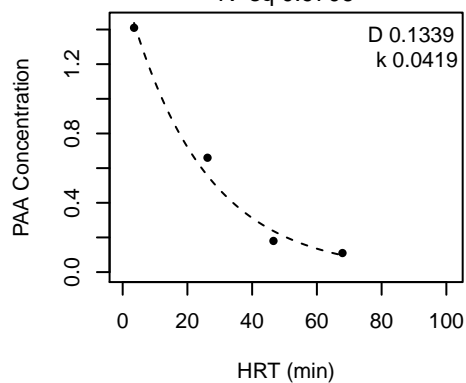


**Trial 48**  
R-sq 0.9628

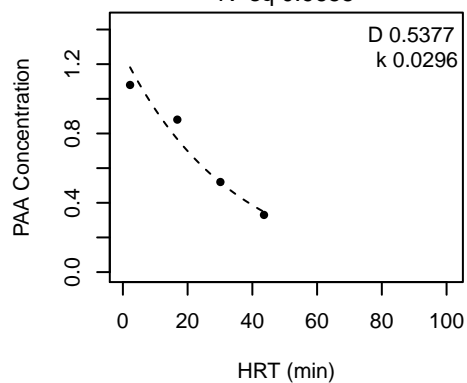


**Trial 49**

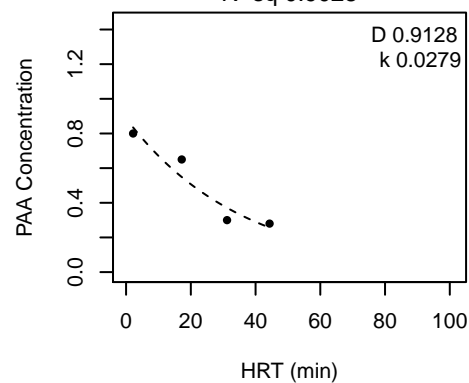
R-sq 0.9706

**Trial 50**

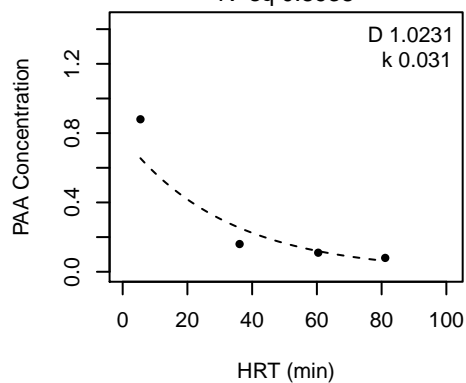
R-sq 0.9655

**Trial 51**

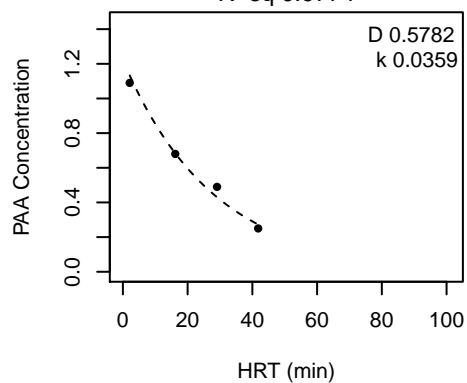
R-sq 0.9028

**Trial 52**

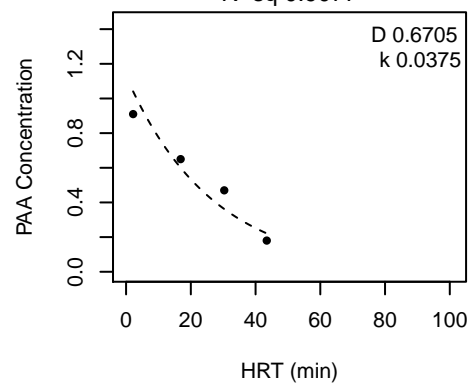
R-sq 0.8938

**Trial 53**

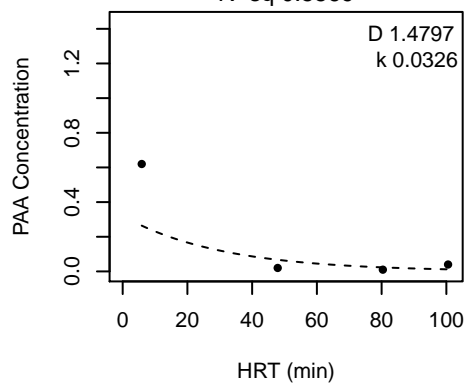
R-sq 0.9774

**Trial 54**

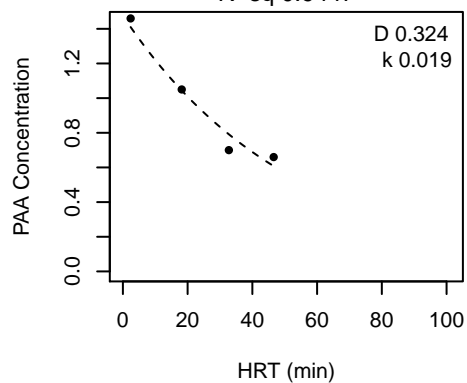
R-sq 0.9077

**Trial 55**

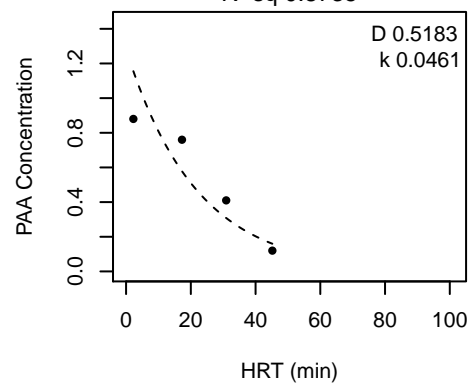
R-sq 0.5569

**Trial 56**

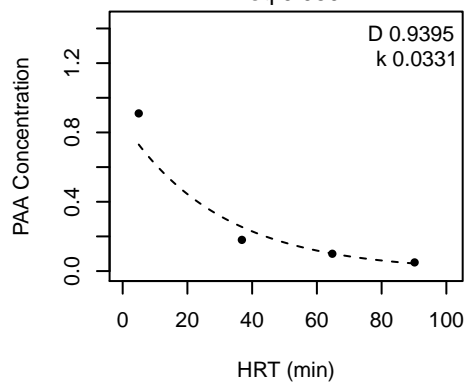
R-sq 0.9447

**Trial 57**

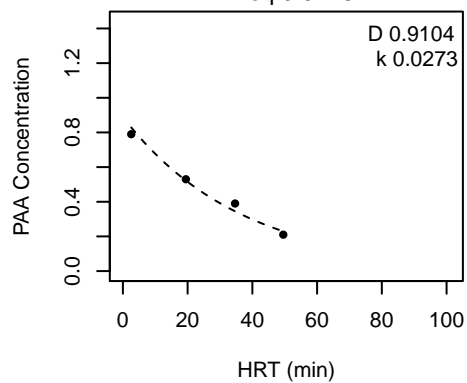
R-sq 0.8735

**Trial 58**

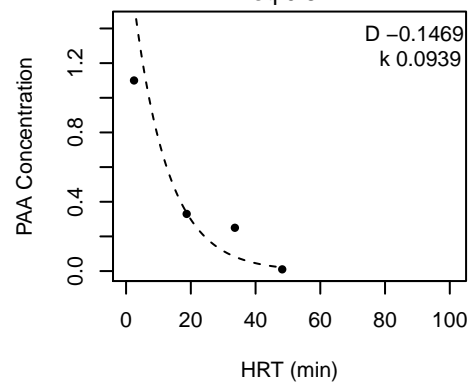
R-sq 0.9592

**Trial 59**

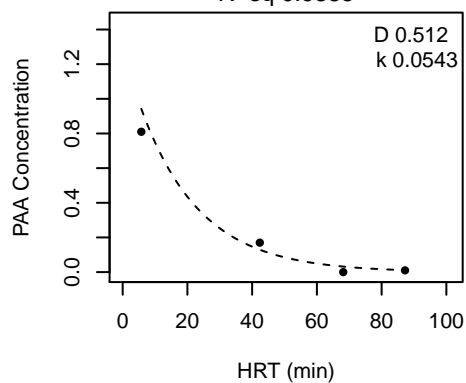
R-sq 0.9728

**Trial 60**

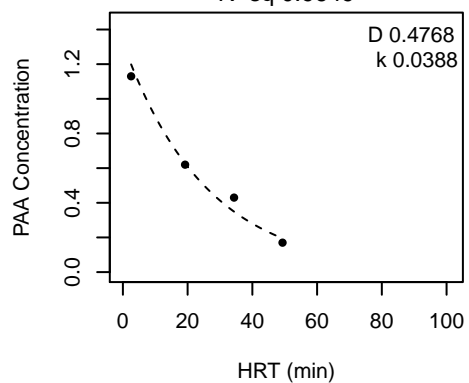
R-sq 0.8442



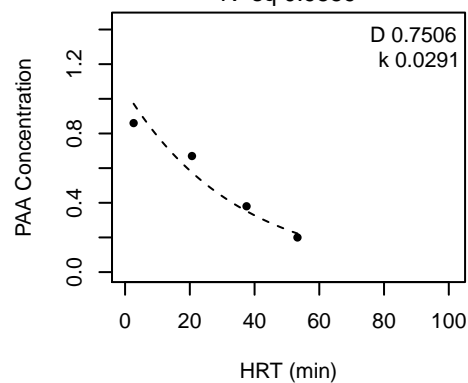
**Trial 61**  
R-sq 0.9885



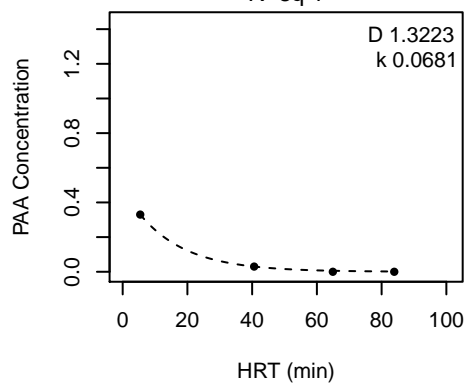
**Trial 62**  
R-sq 0.9649



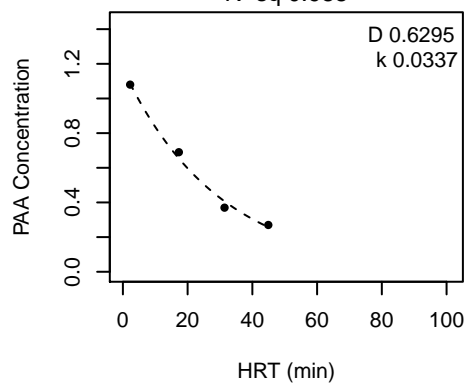
**Trial 63**  
R-sq 0.9559



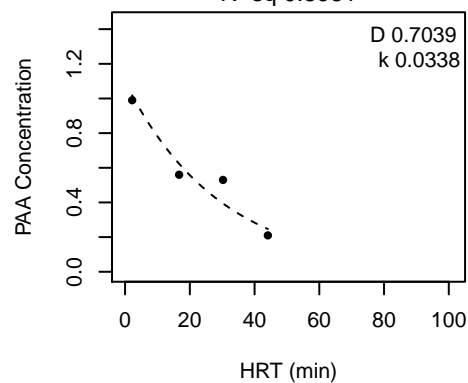
**Trial 64**  
R-sq 1



**Trial 65**  
R-sq 0.988

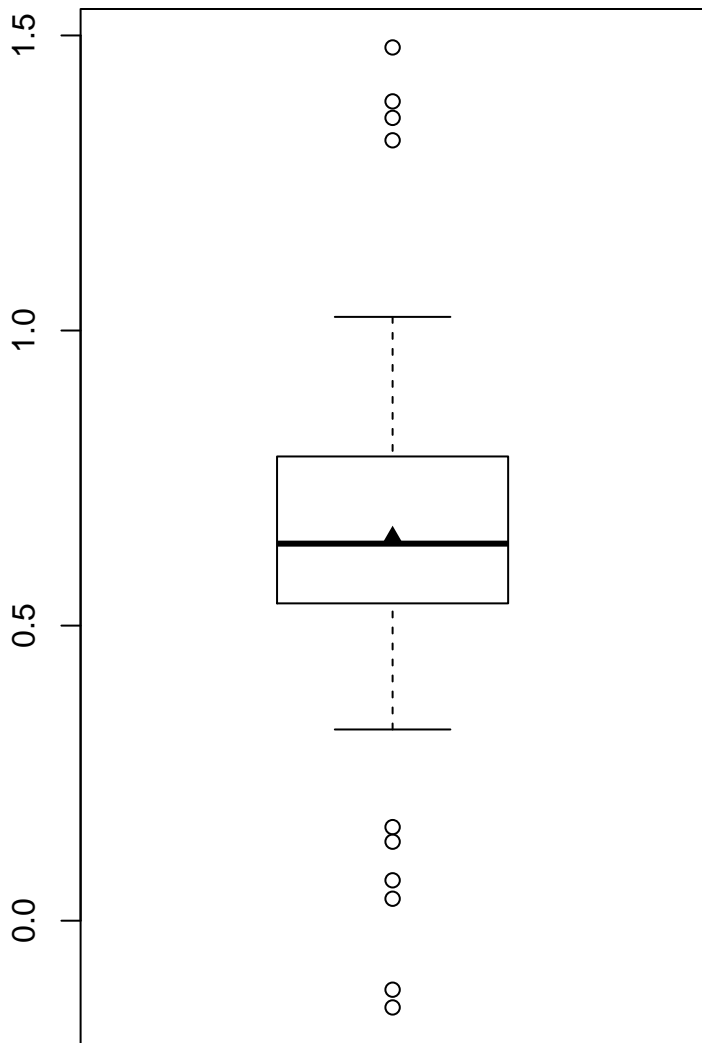


**Trial 66**  
R-sq 0.8981



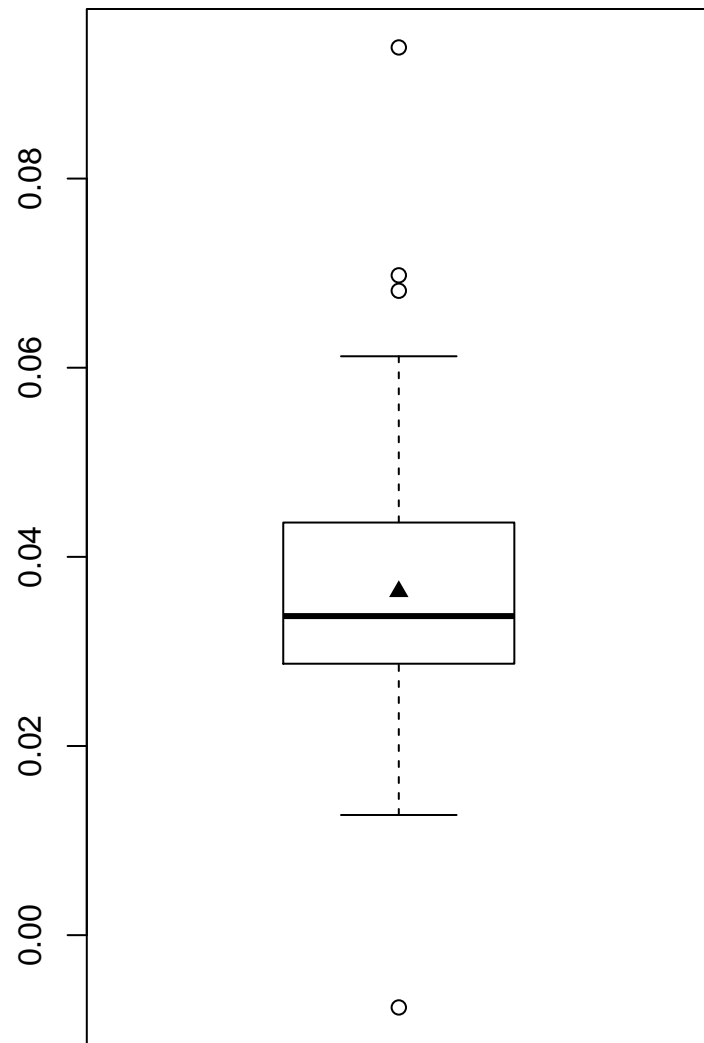
### Instantaneous Demand (D)

Mean D = 0.65



### 1st order Decay (k)

Mean k = 0.04



1st order model parameters for individual sampling campaigns

