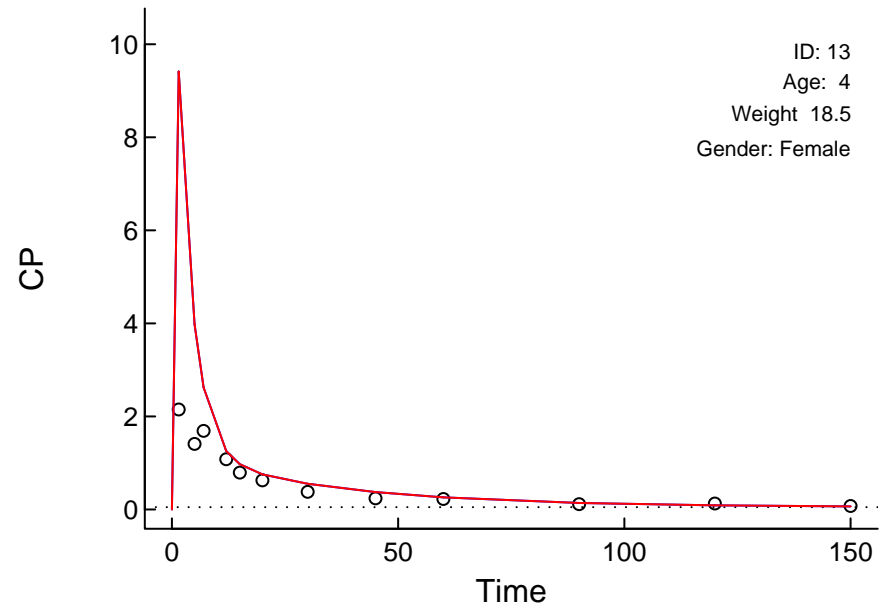
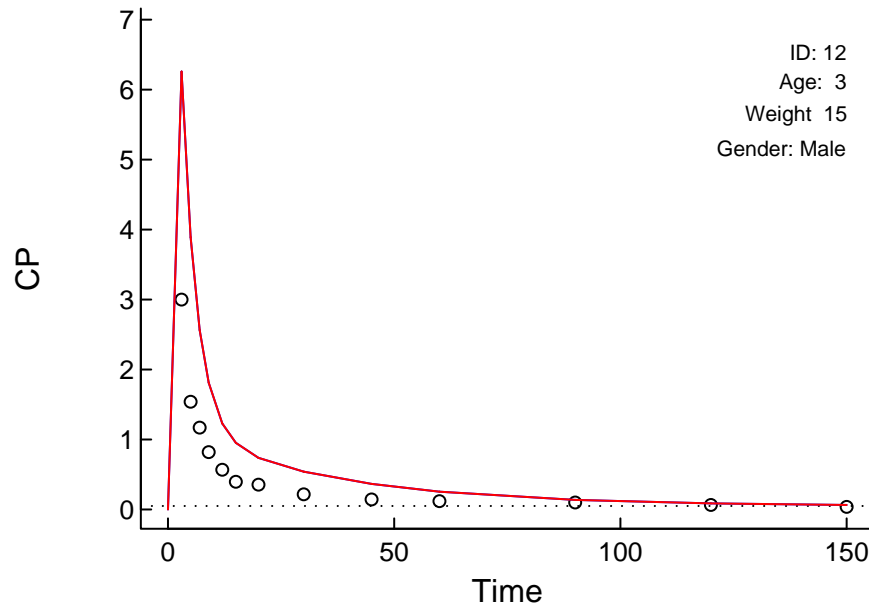
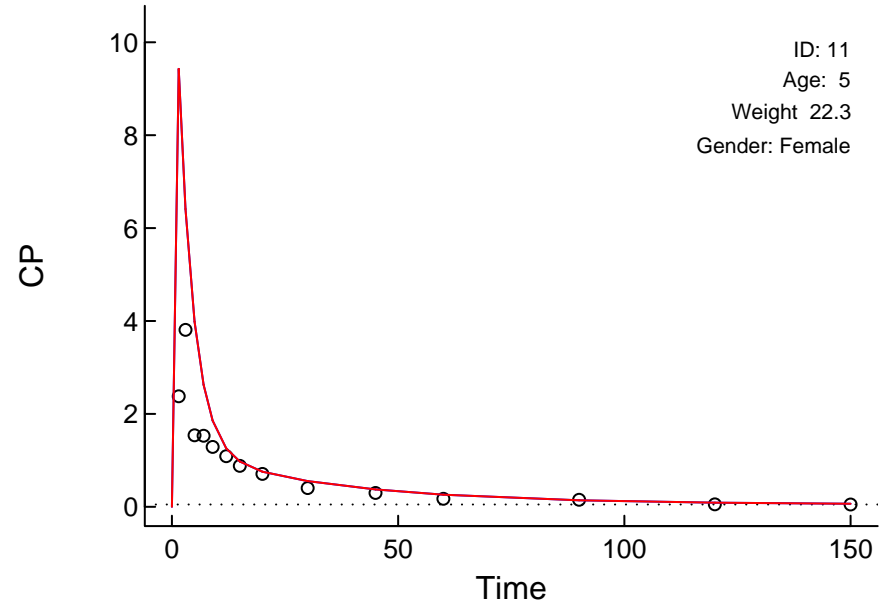
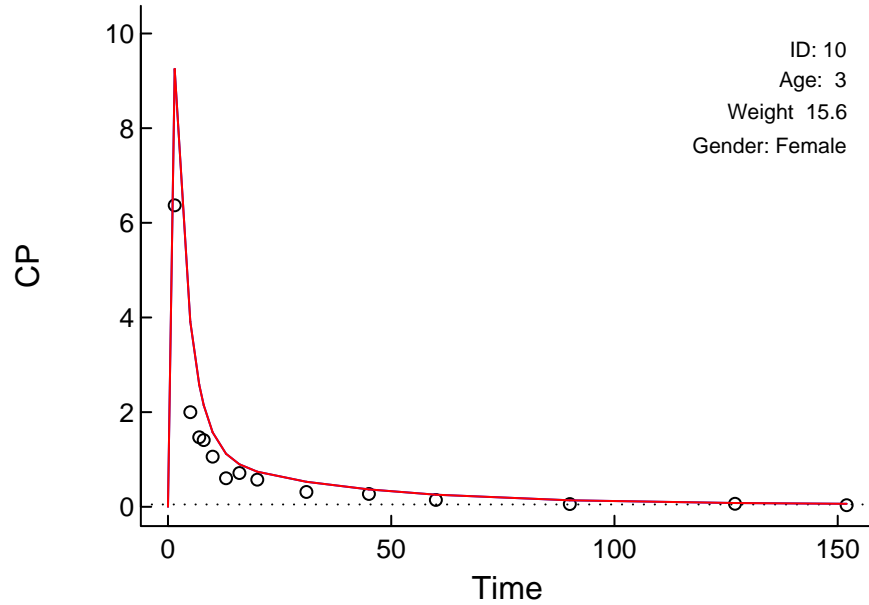


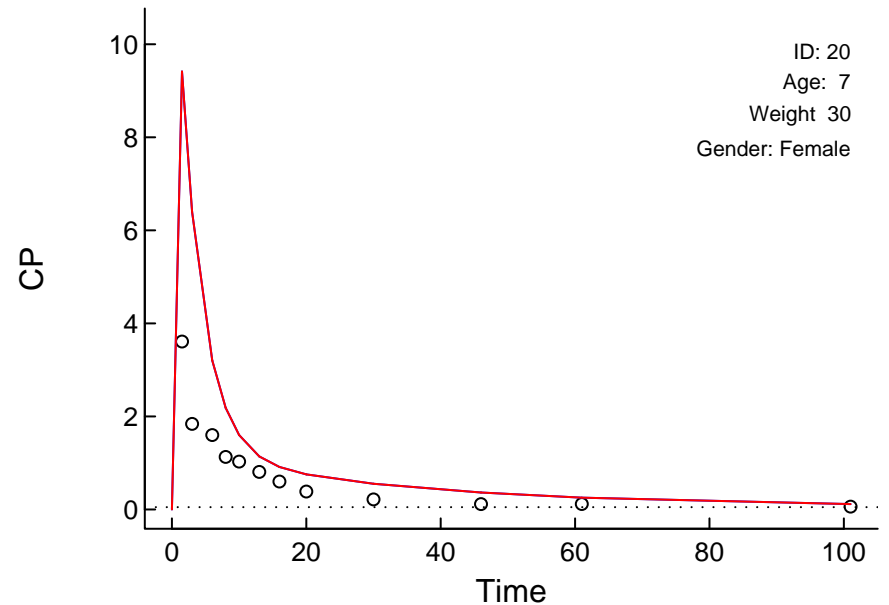
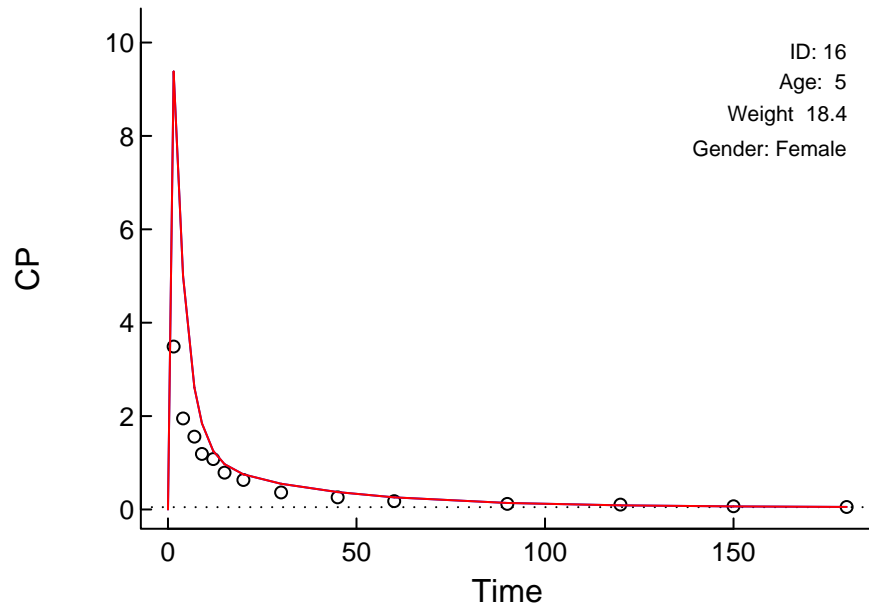
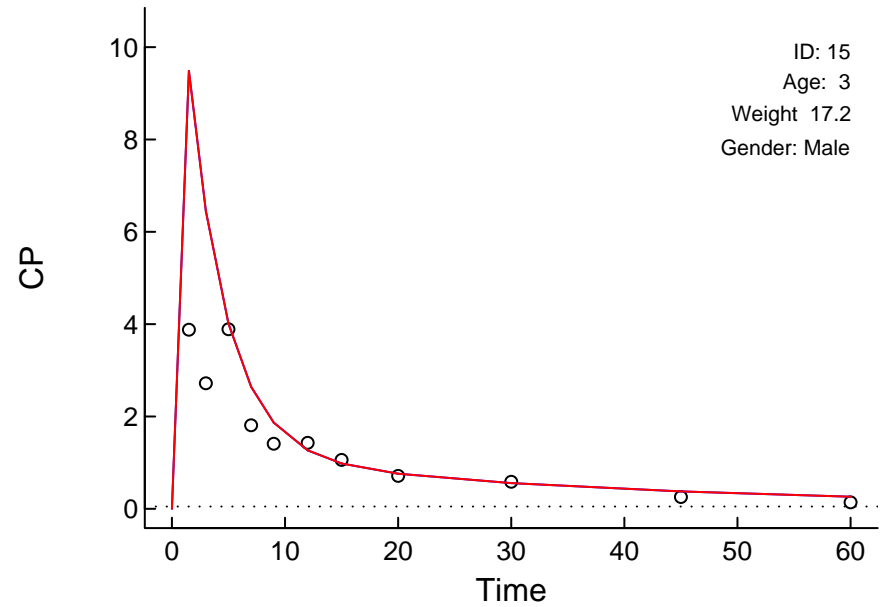
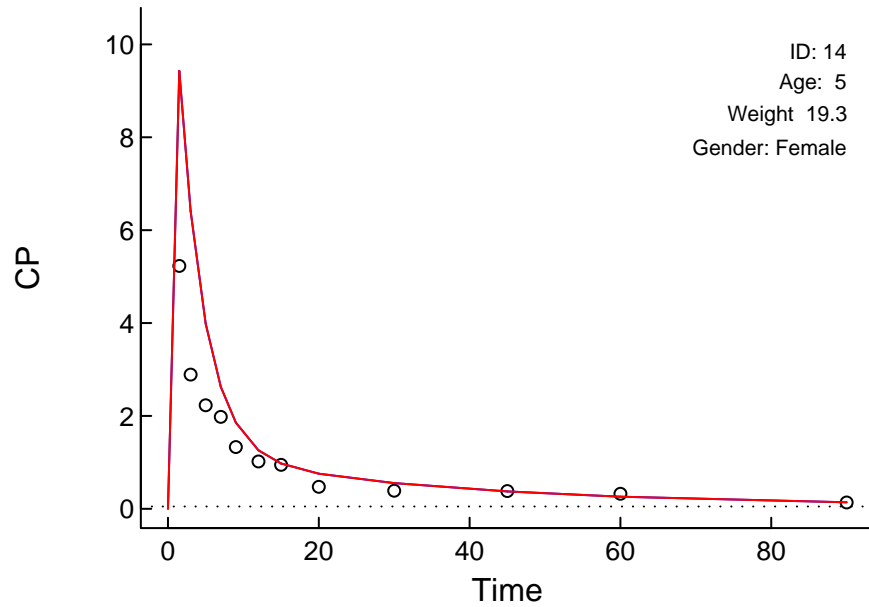
Linear Scale

Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ



Linear Scale

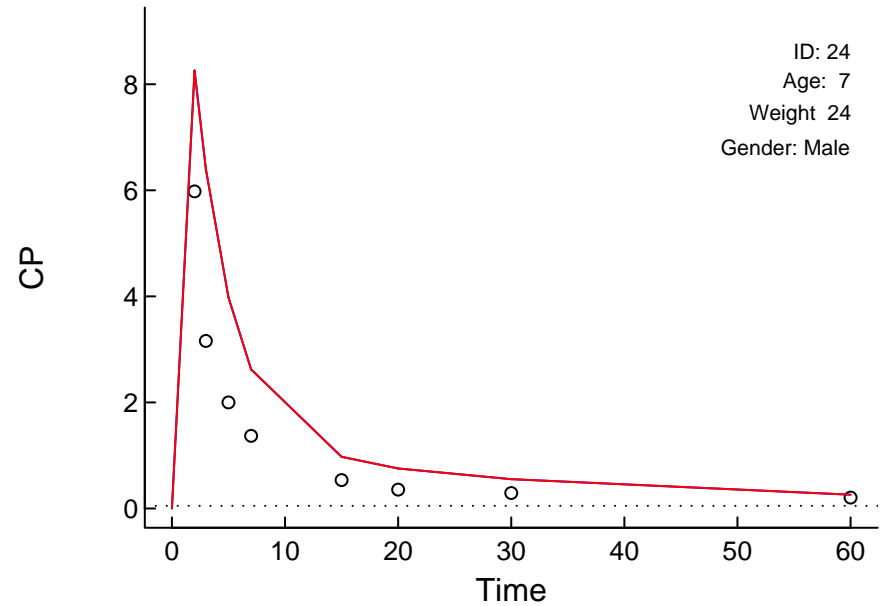
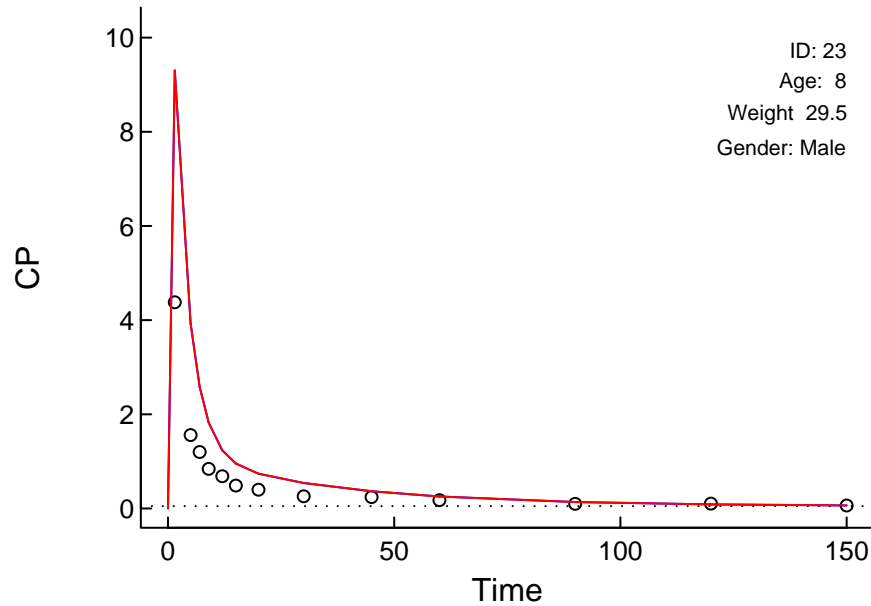
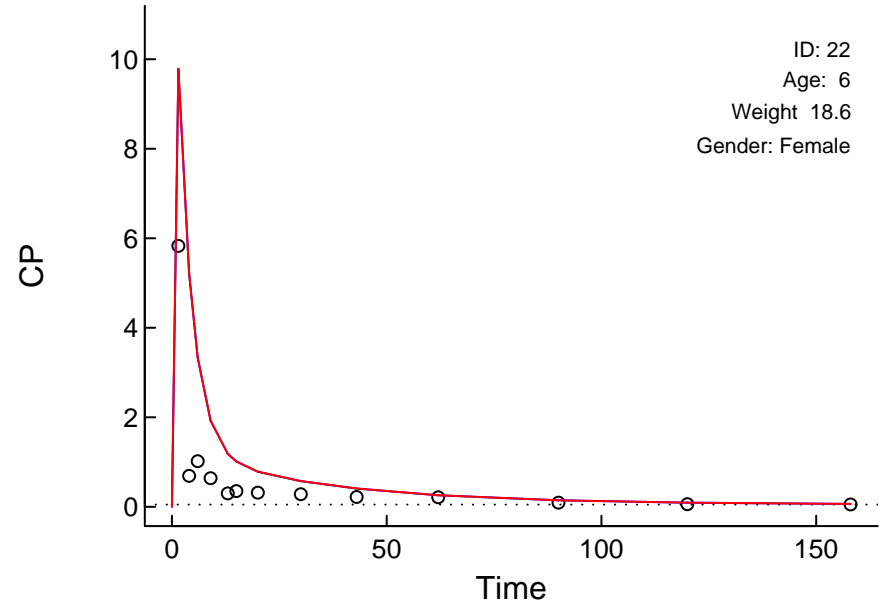
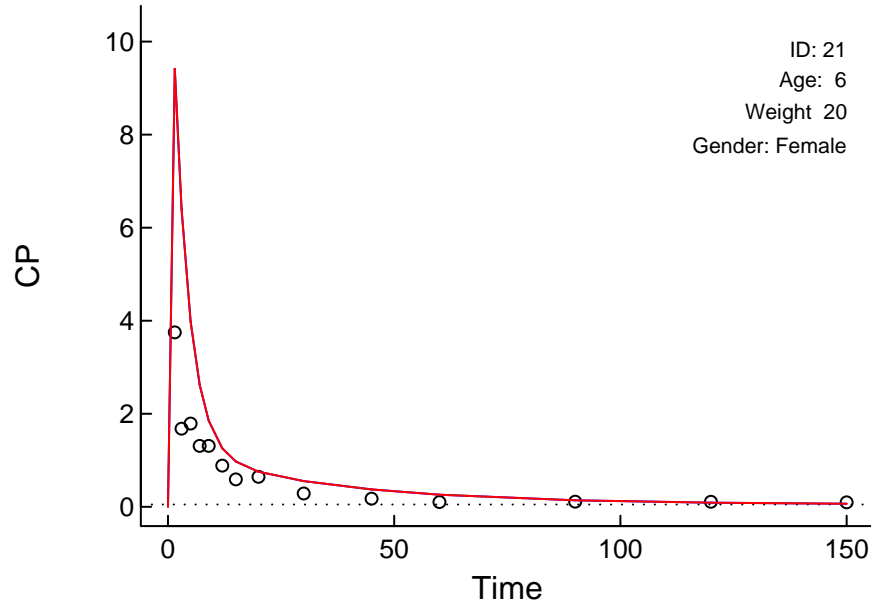
Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ



# "Control.Marsh.Simulation.txt" (6766.130)

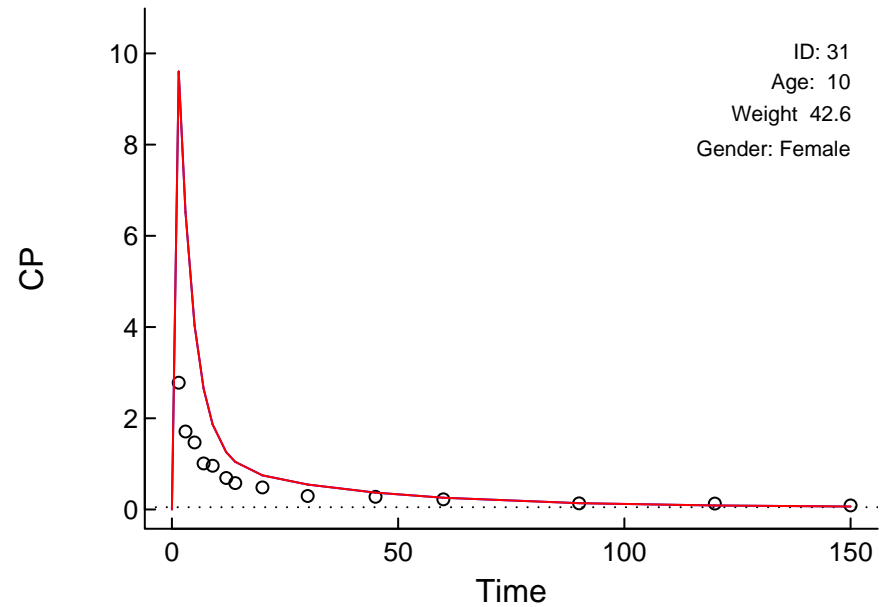
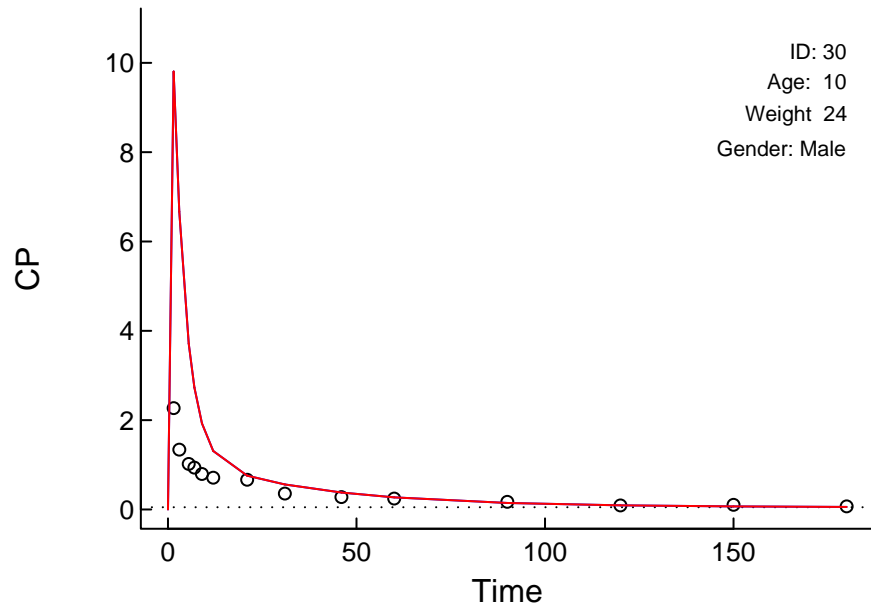
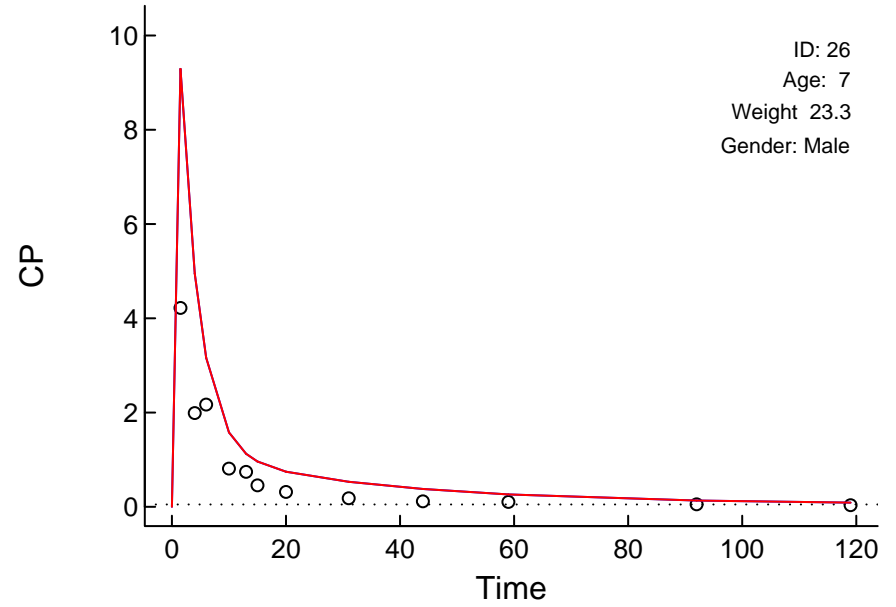
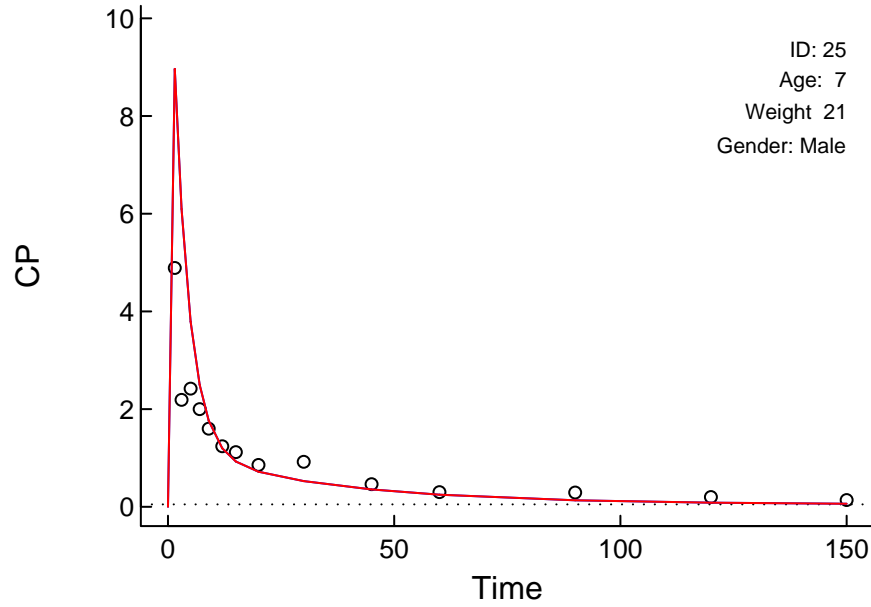
Linear Scale

Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ



Linear Scale

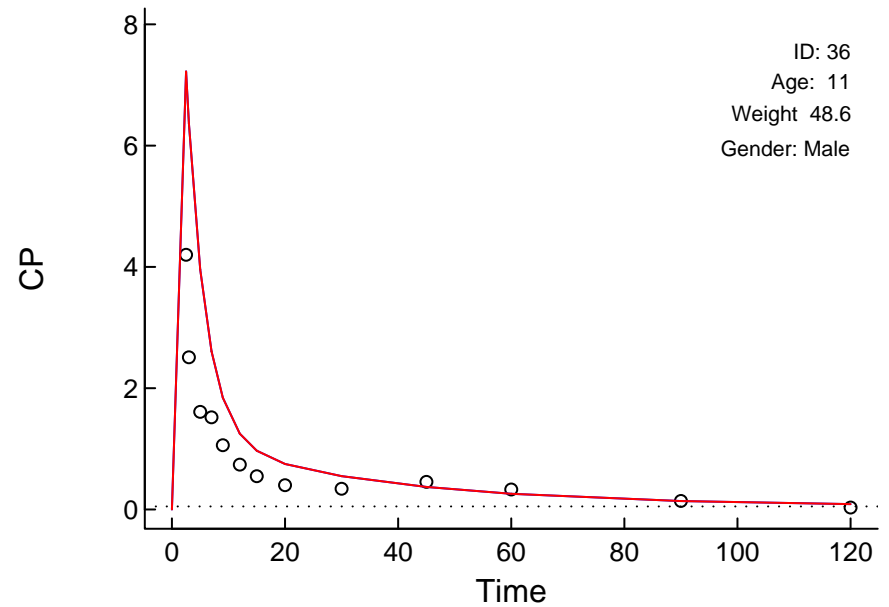
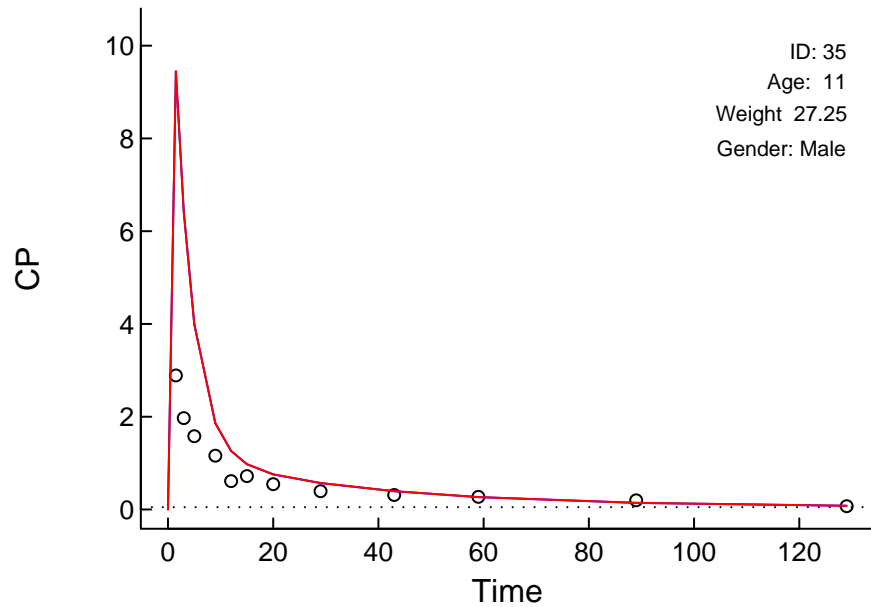
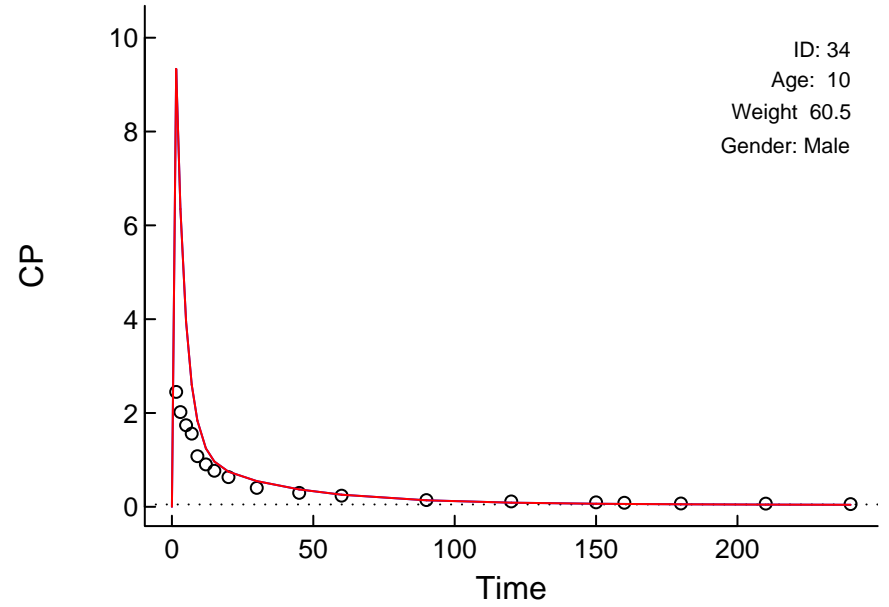
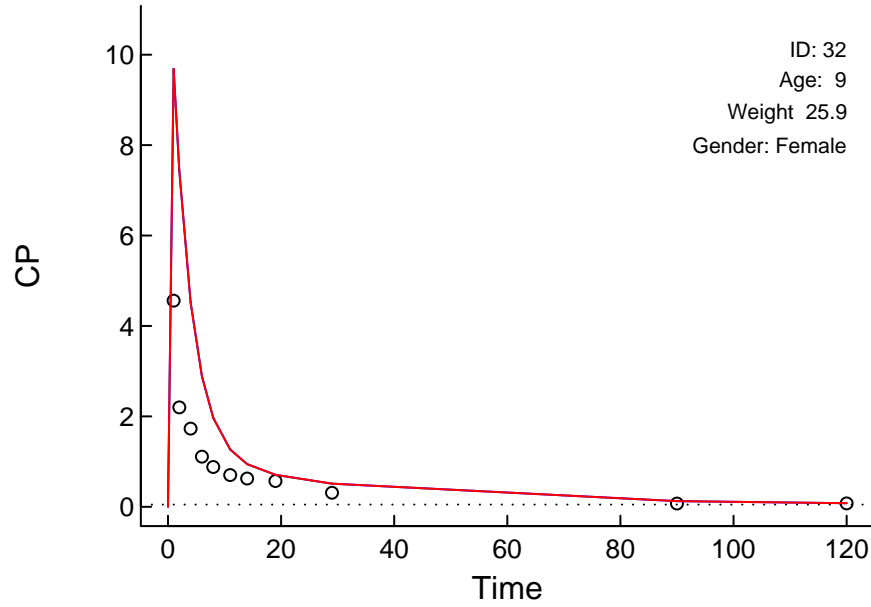
Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ



# "Control.Marsh.Simulation.txt" (6766.130)

Linear Scale

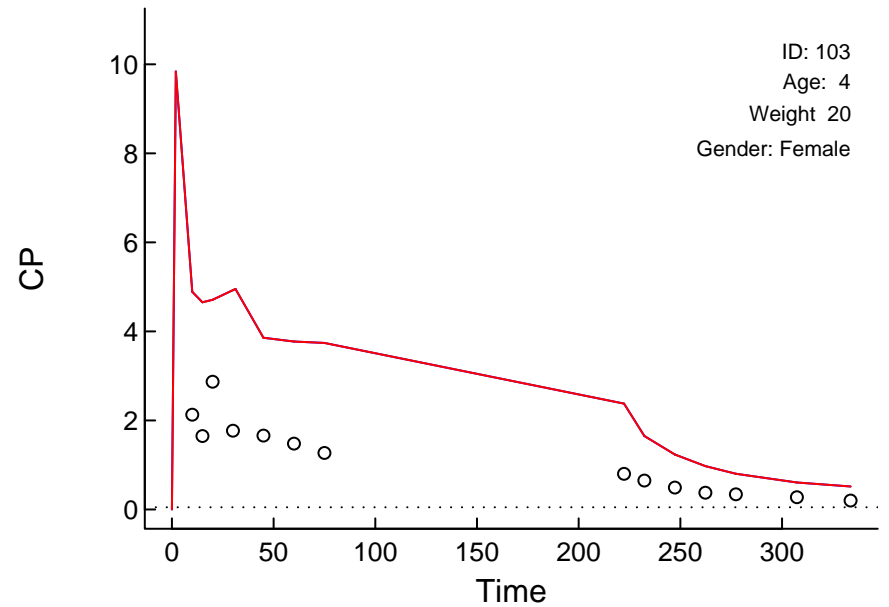
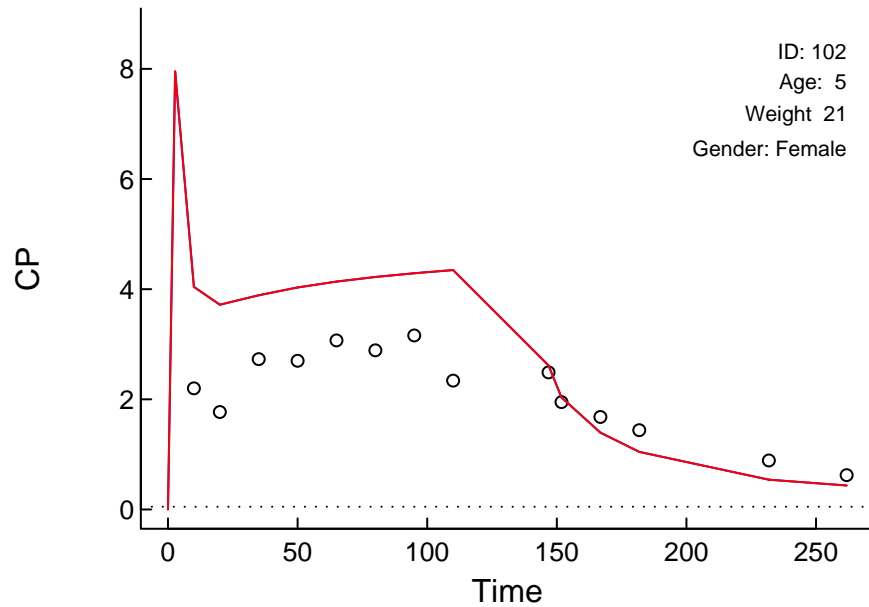
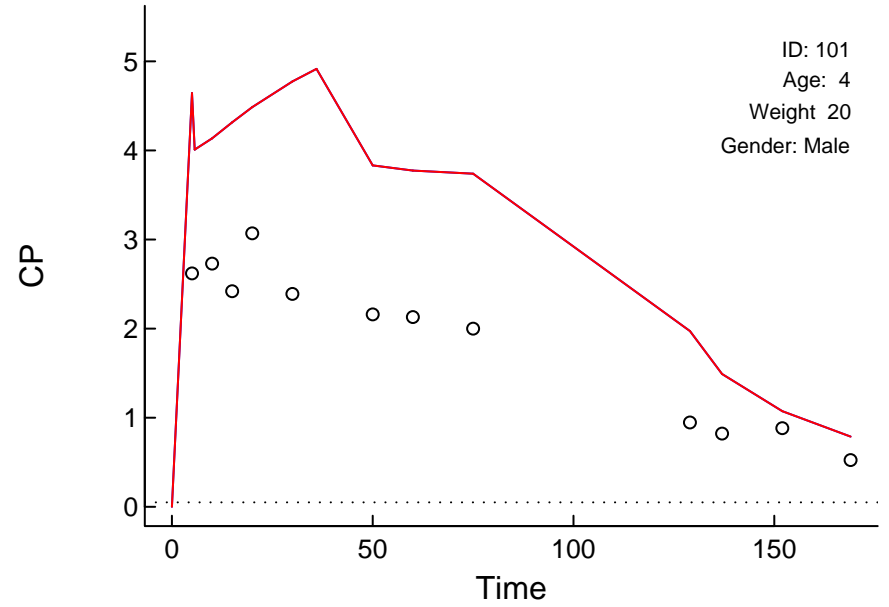
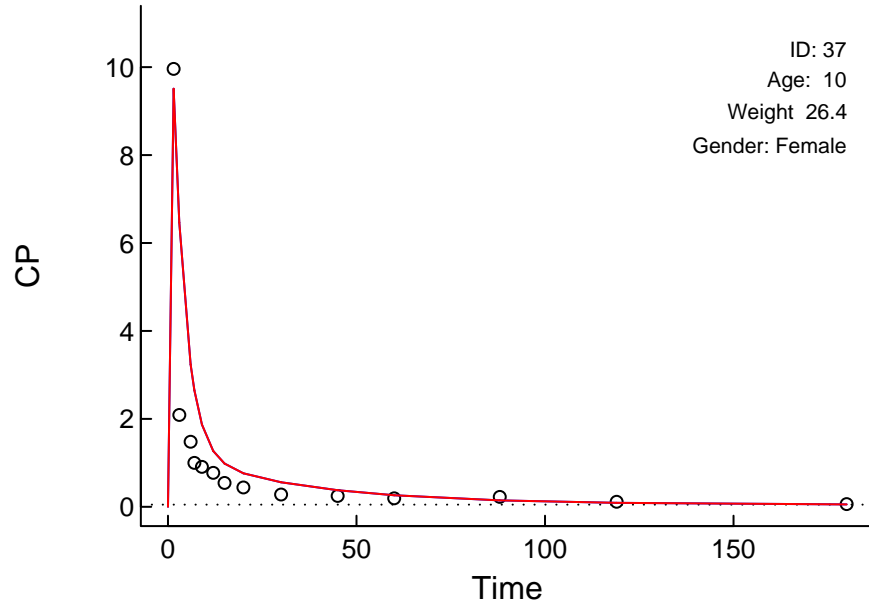
Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ



# "Control.Marsh.Simulation.txt" (6766.130)

Linear Scale

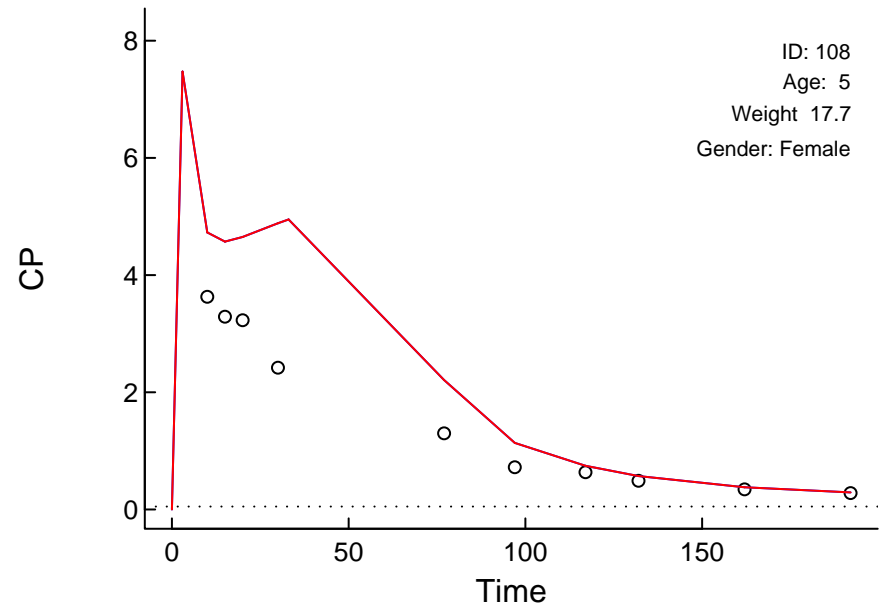
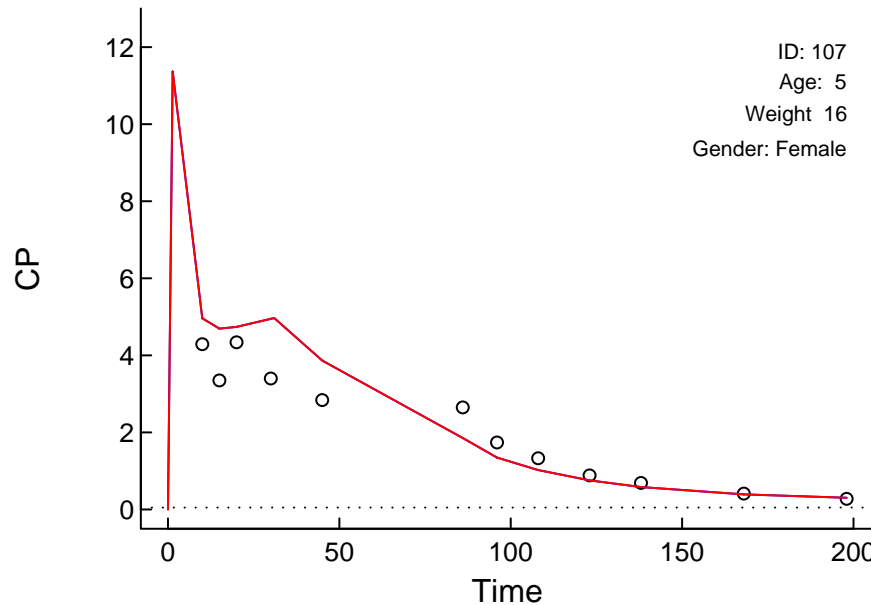
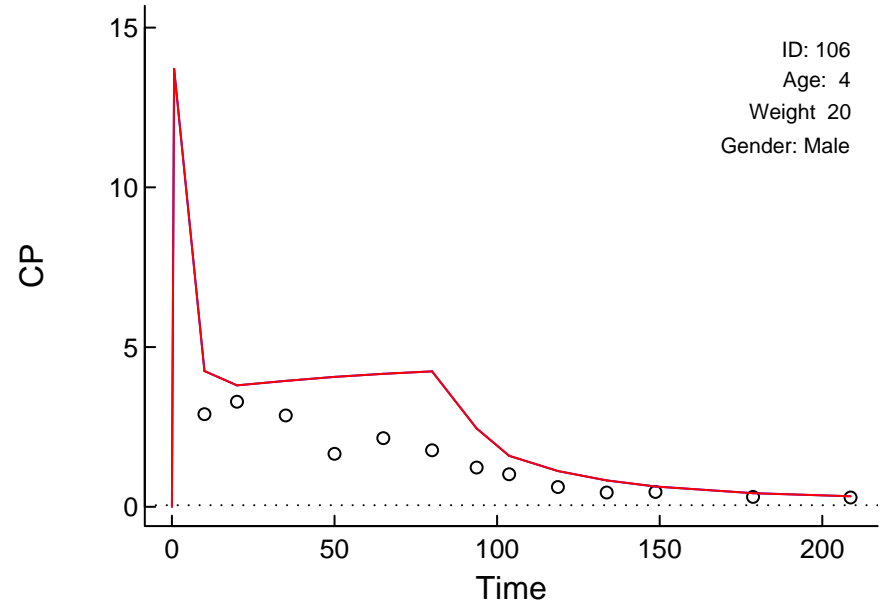
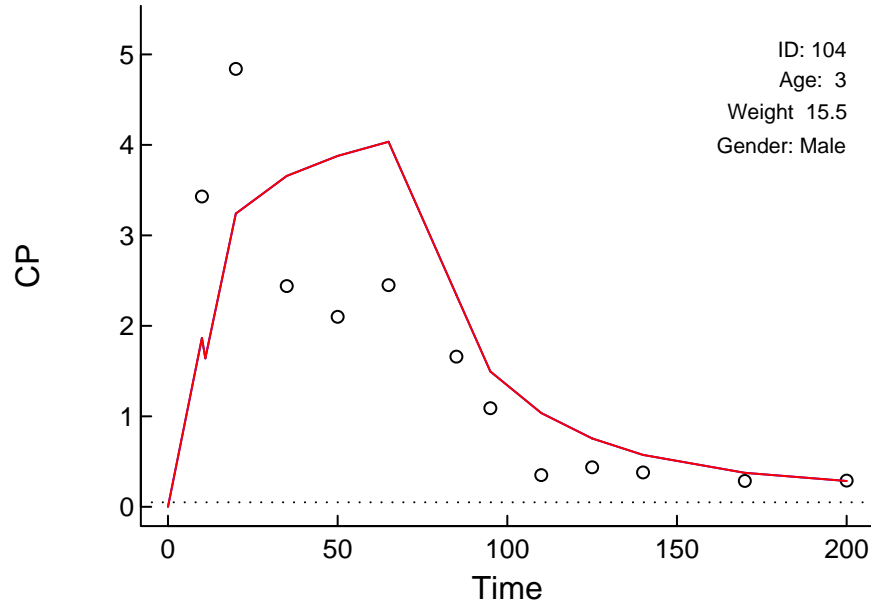
Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ



# "Control.Marsh.Simulation.txt" (6766.130)

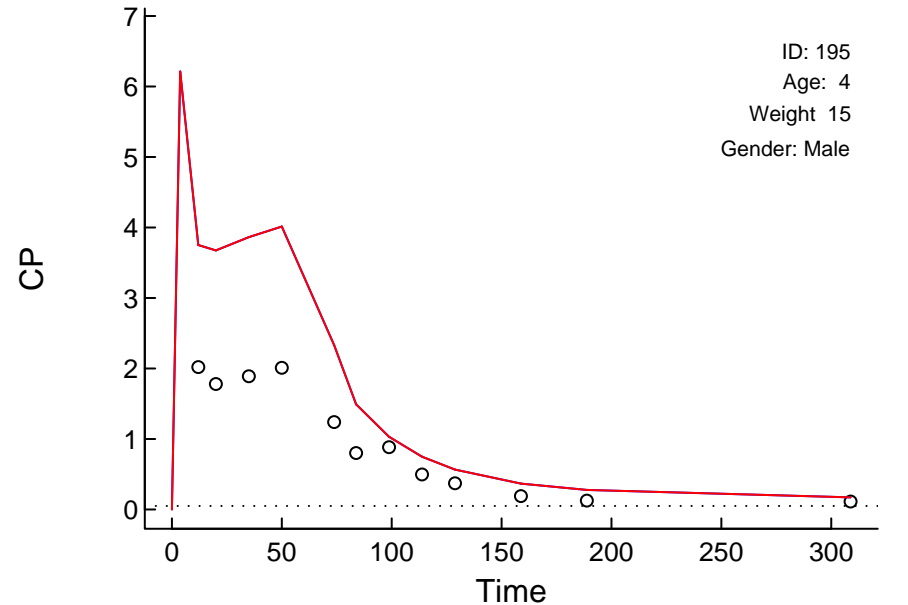
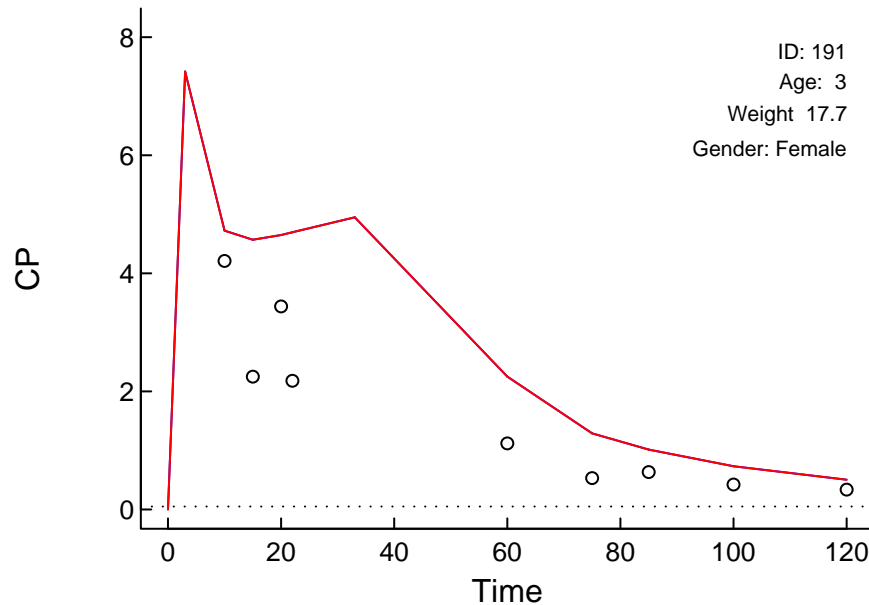
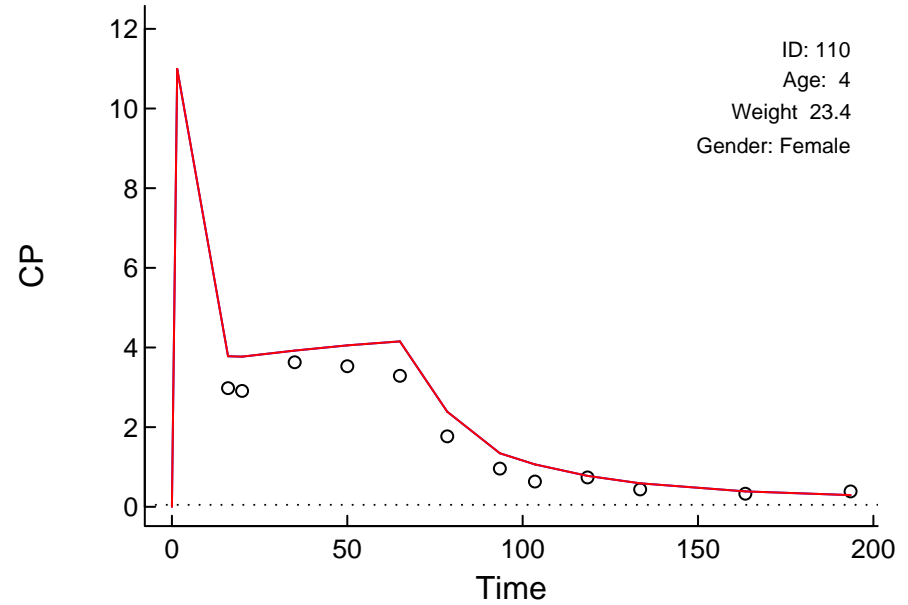
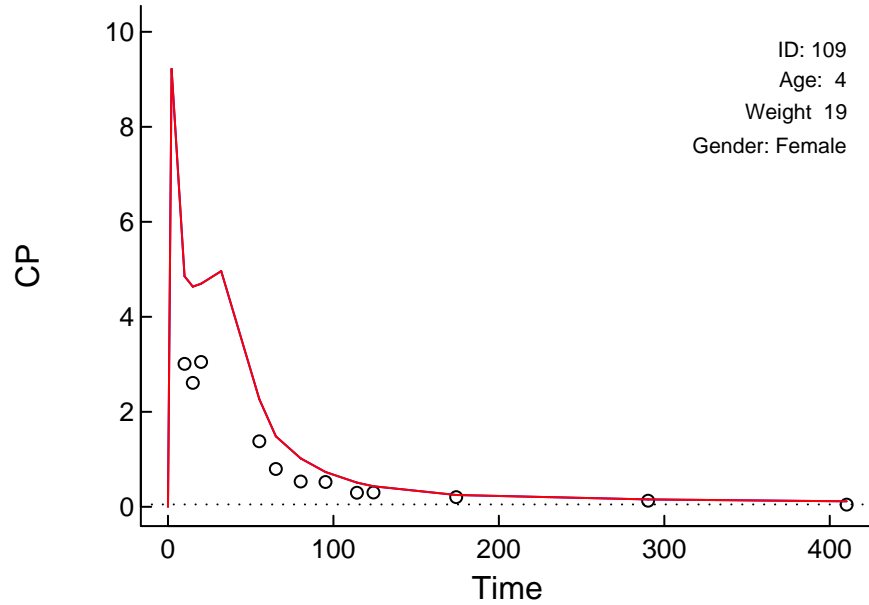
Linear Scale

Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ



Linear Scale

Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ

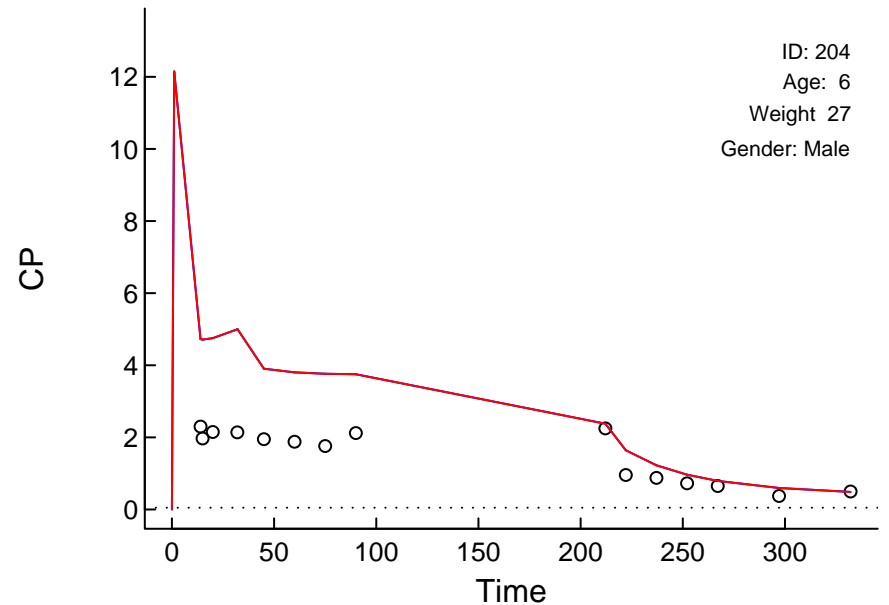
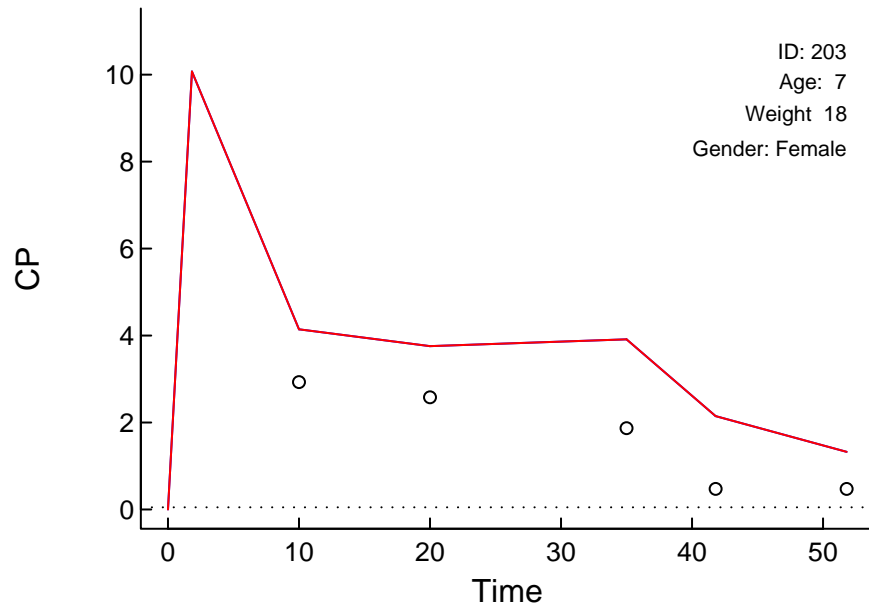
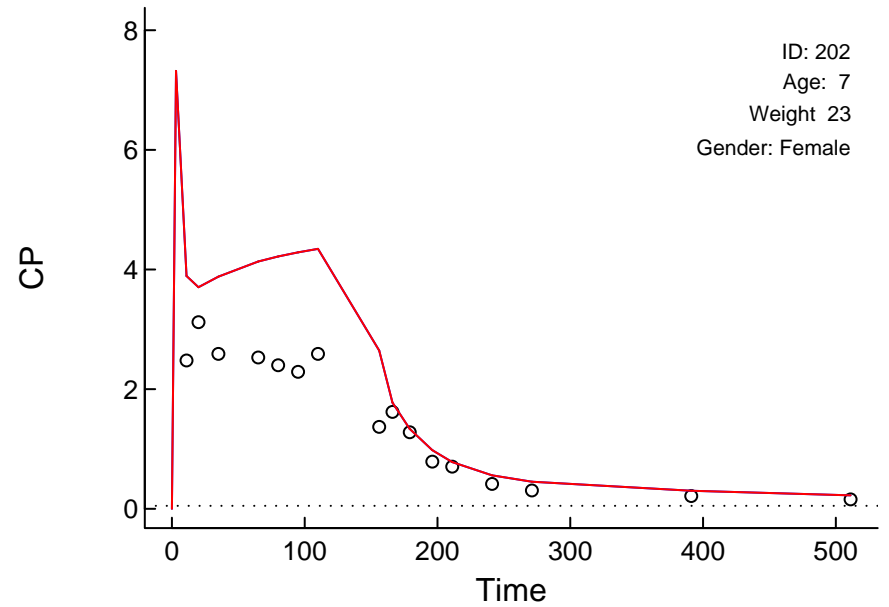
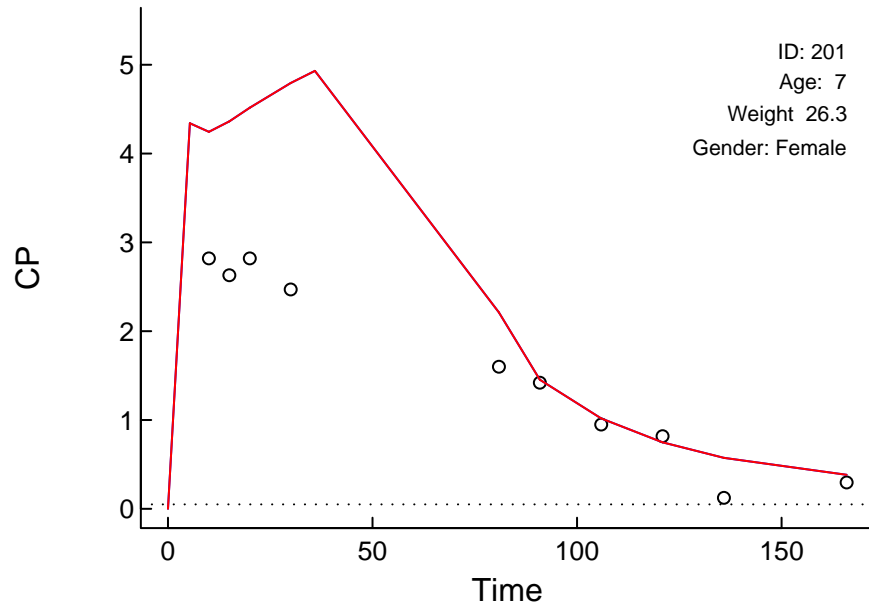




# "Control.Marsh.Simulation.txt" (6766.130)

Linear Scale

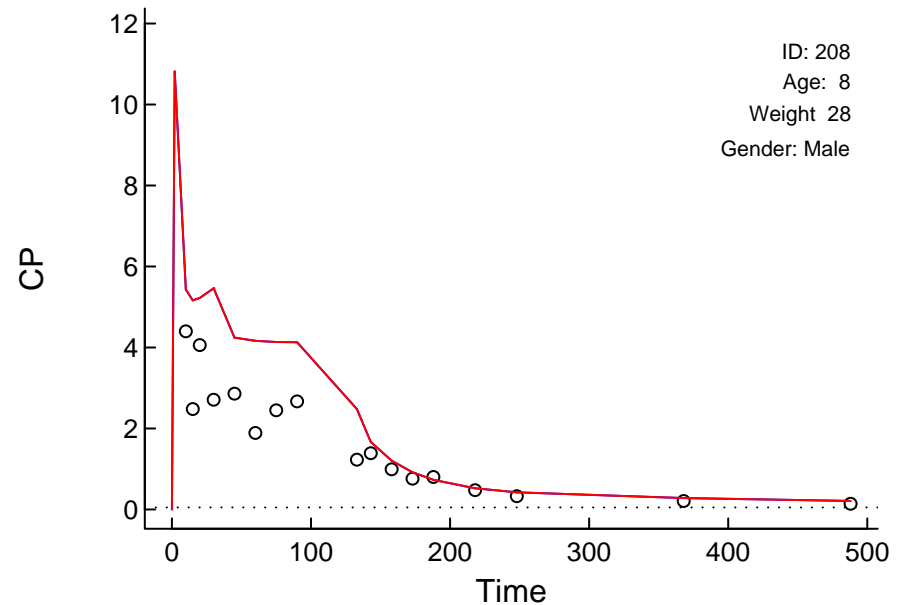
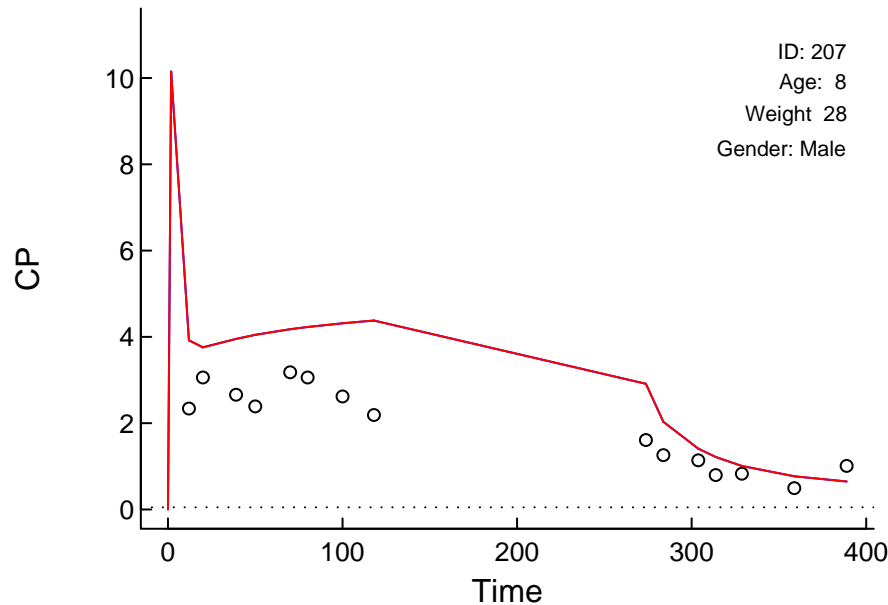
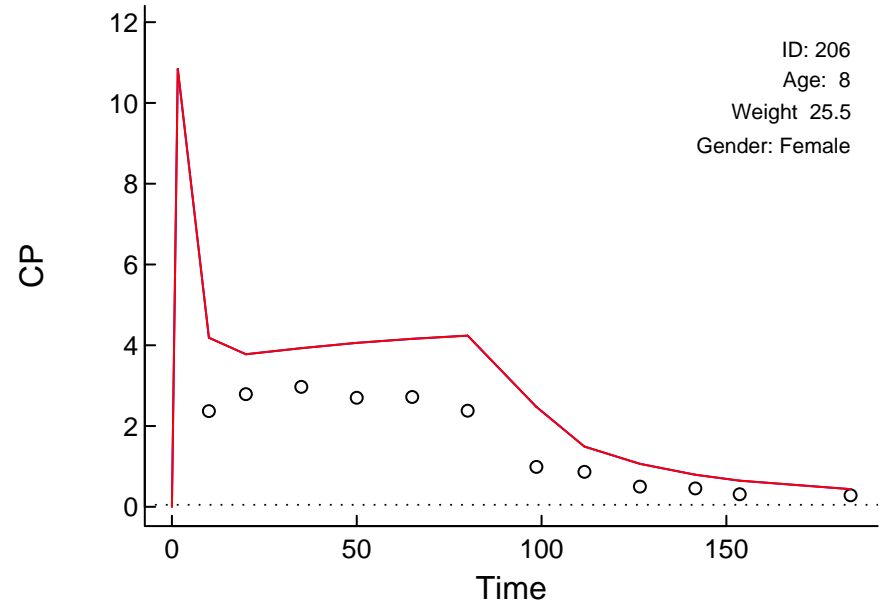
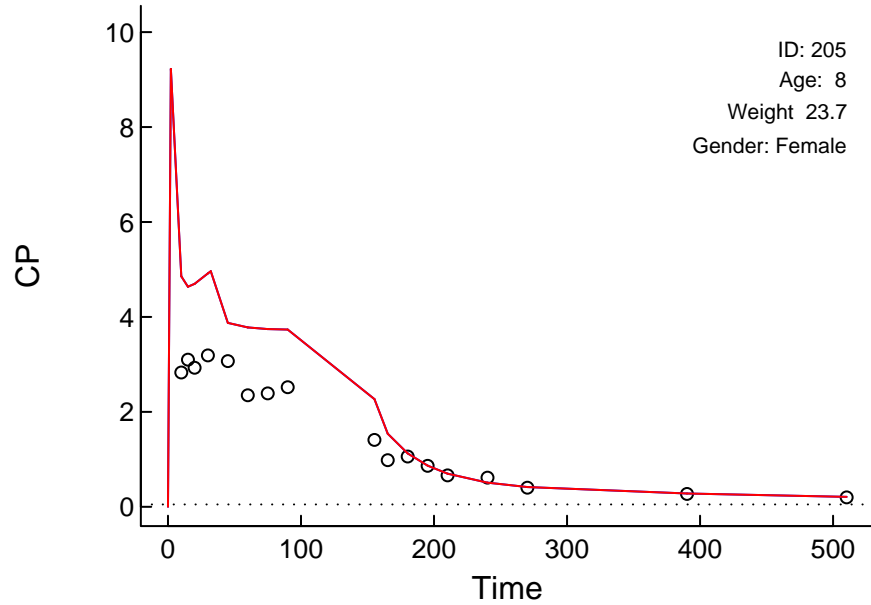
Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ



# "Control.Marsh.Simulation.txt" (6766.130)

Linear Scale

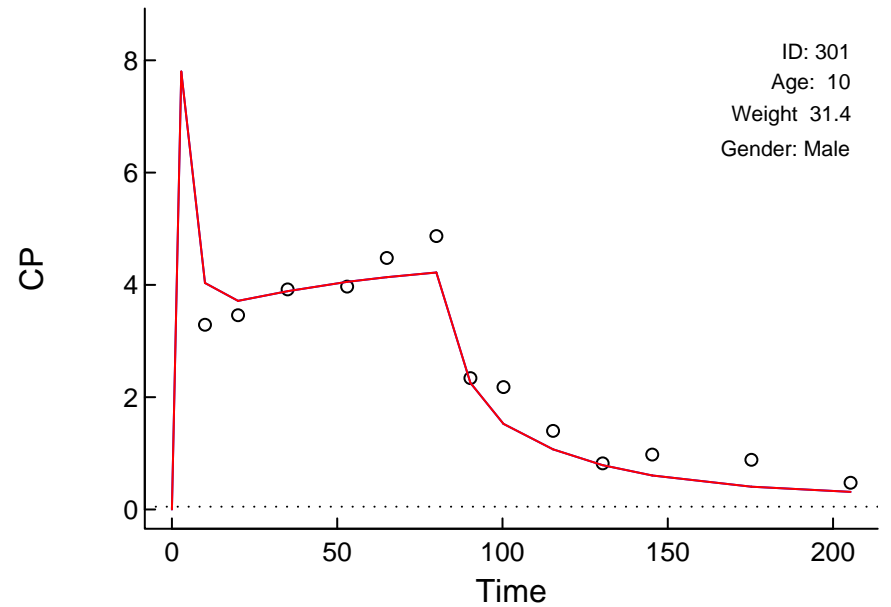
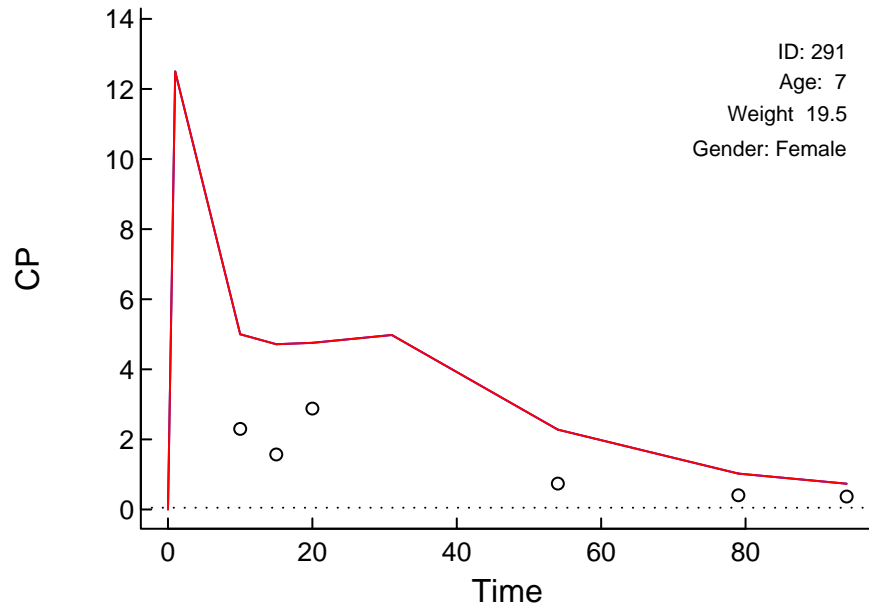
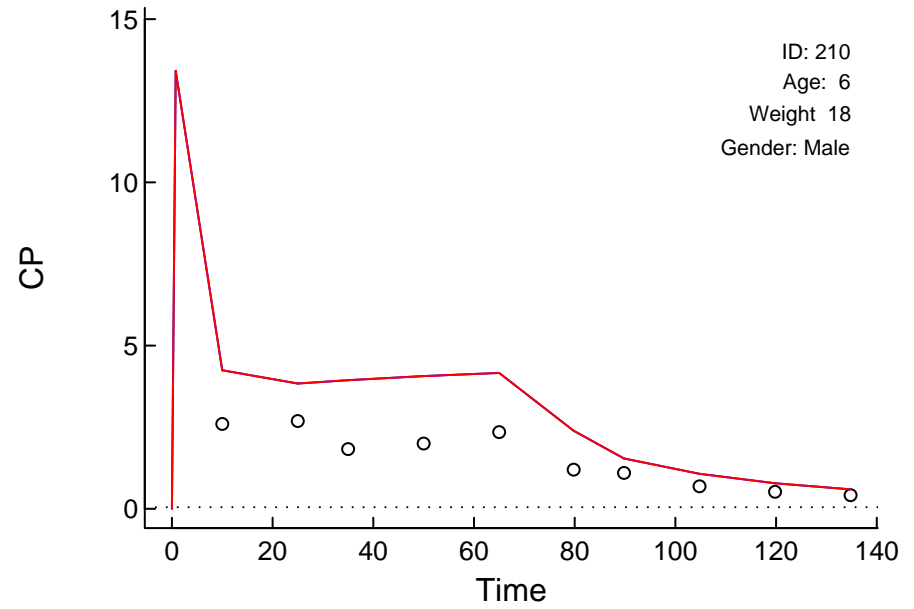
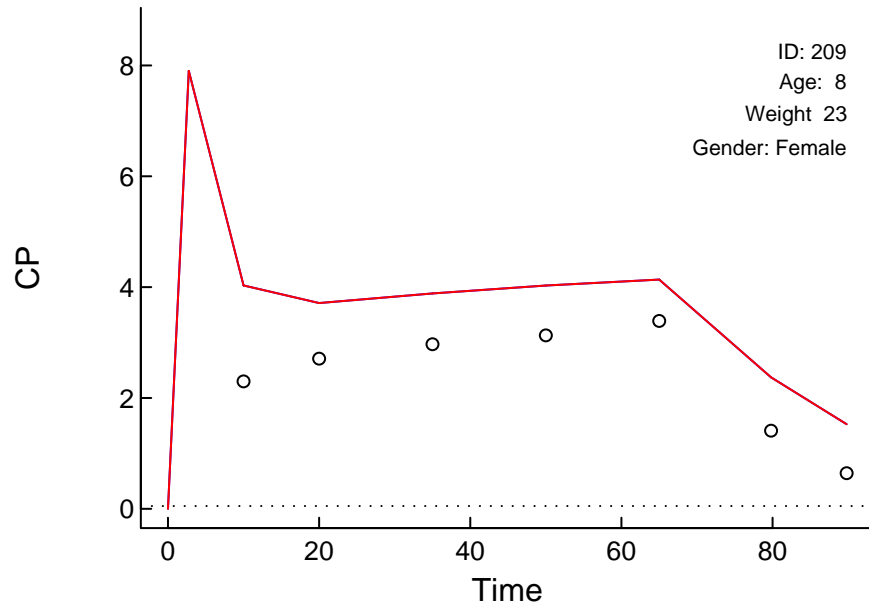
Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ



# "Control.Marsh.Simulation.txt" (6766.130)

Linear Scale

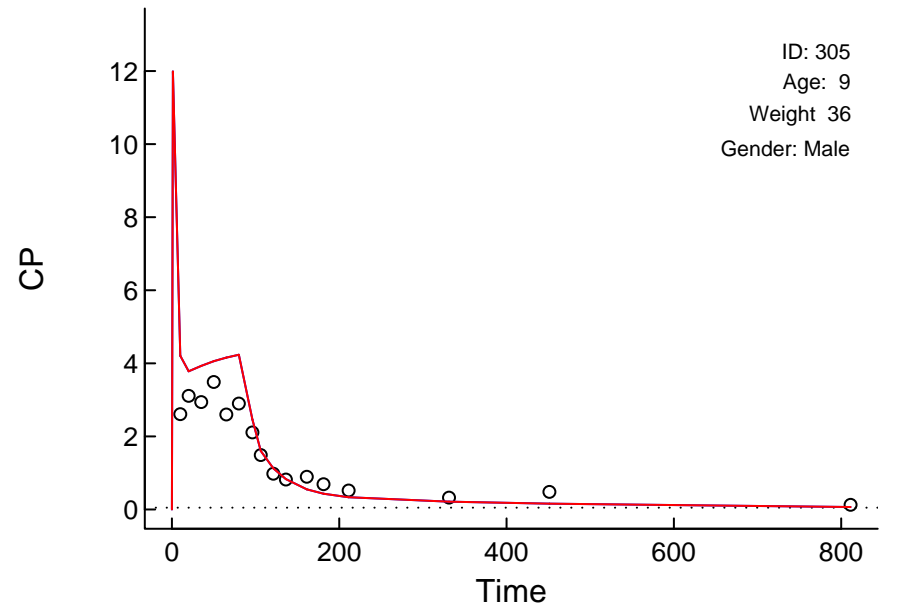
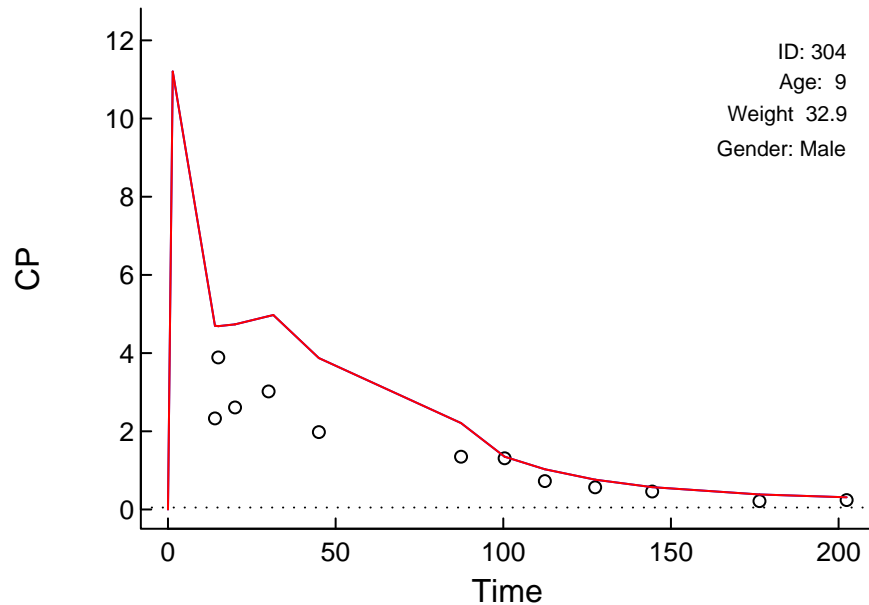
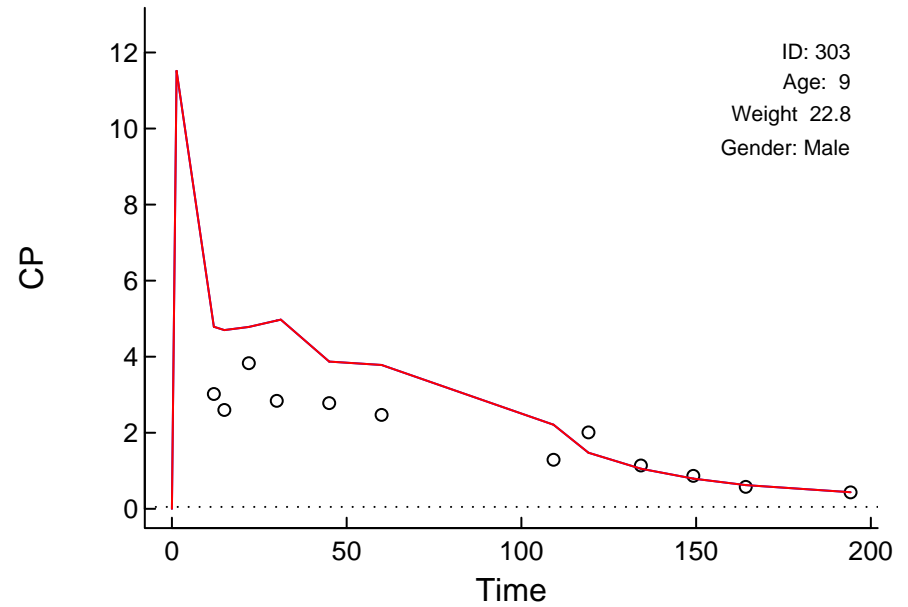
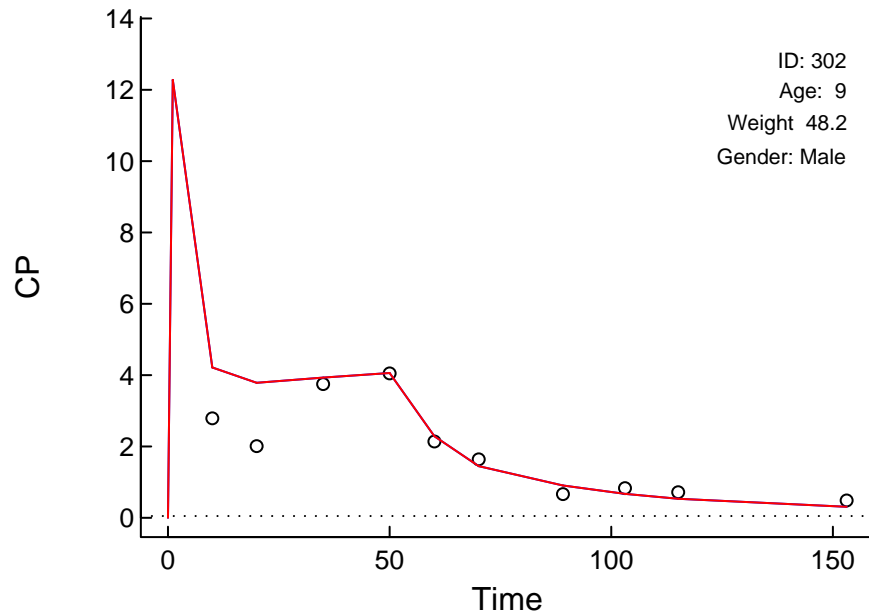
Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ



# "Control.Marsh.Simulation.txt" (6766.130)

Linear Scale

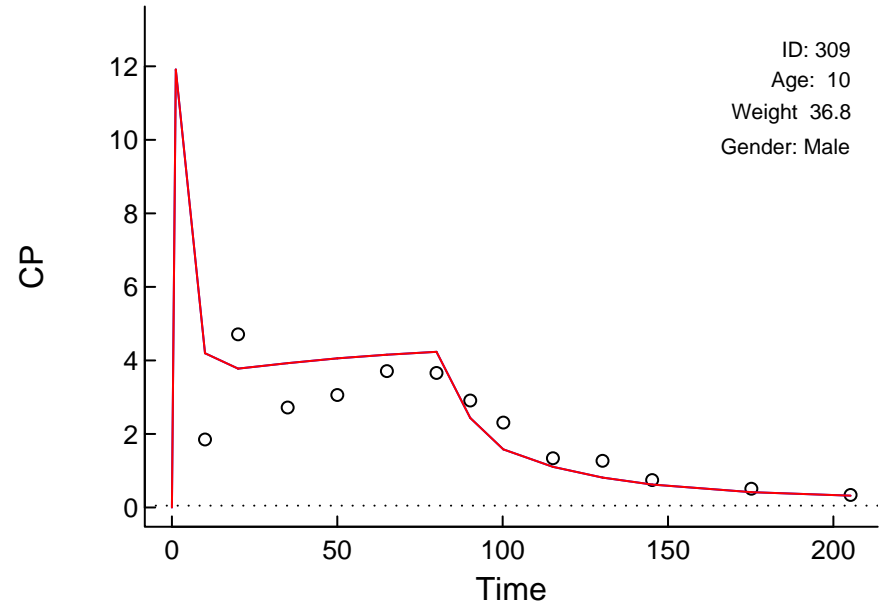
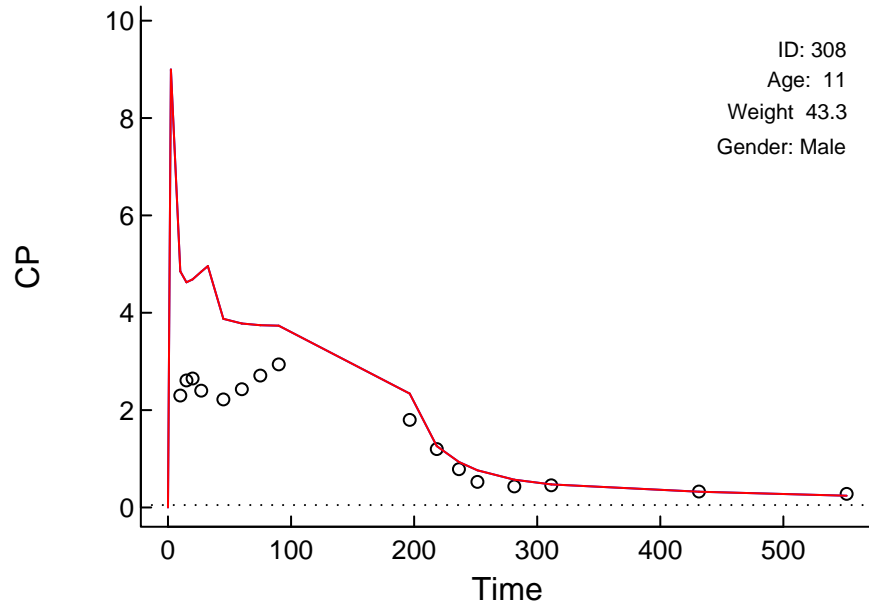
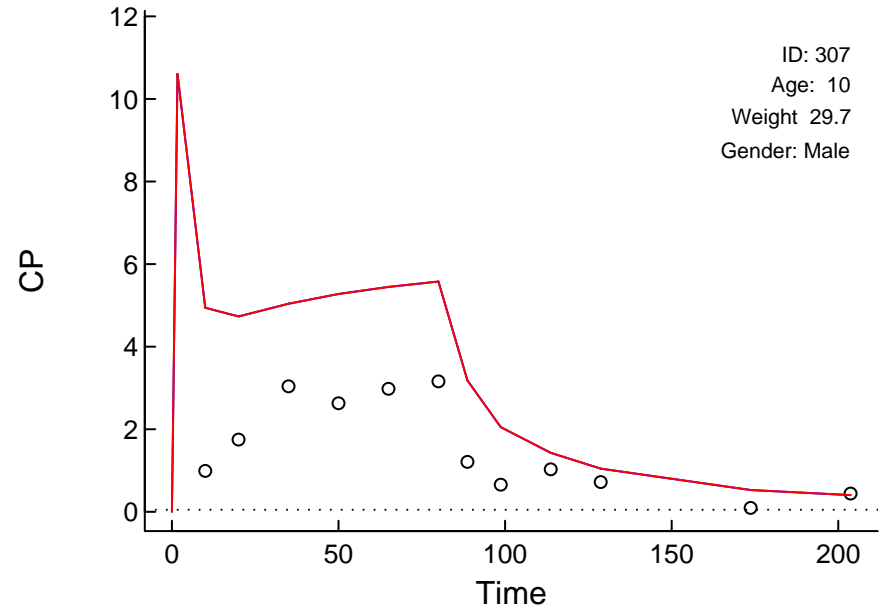
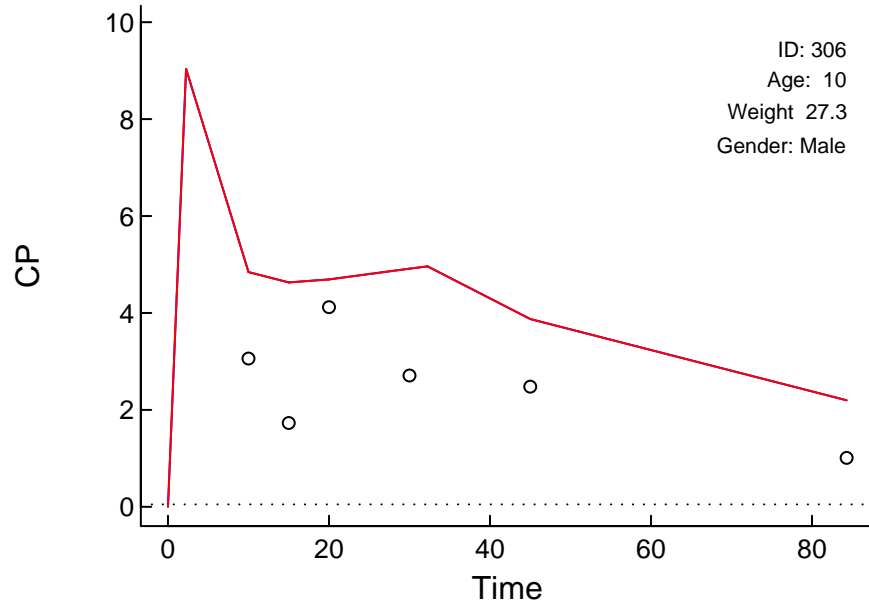
Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ



# "Control.Marsh.Simulation.txt" (6766.130)

Linear Scale

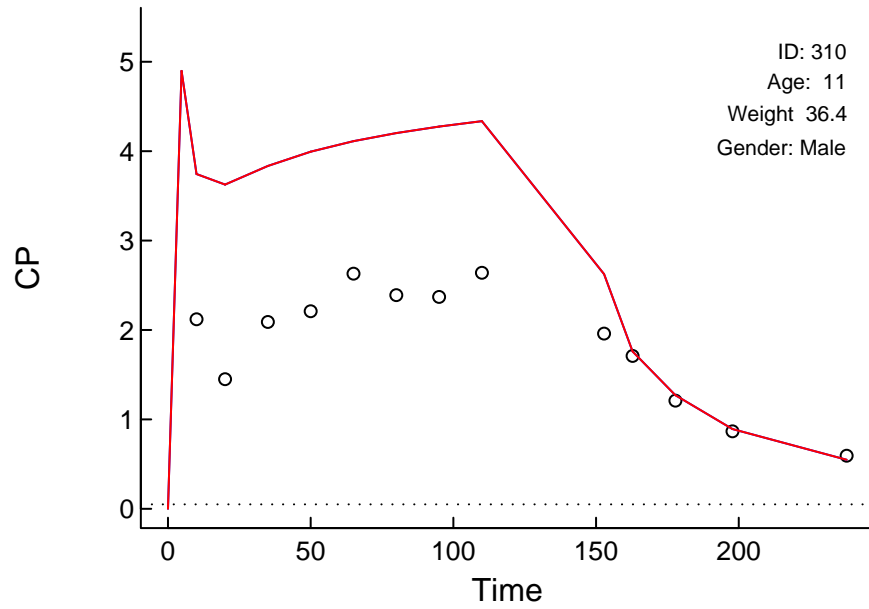
Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ



# "Control.Marsh.Simulation.txt" (6766.130)

## Linear Scale

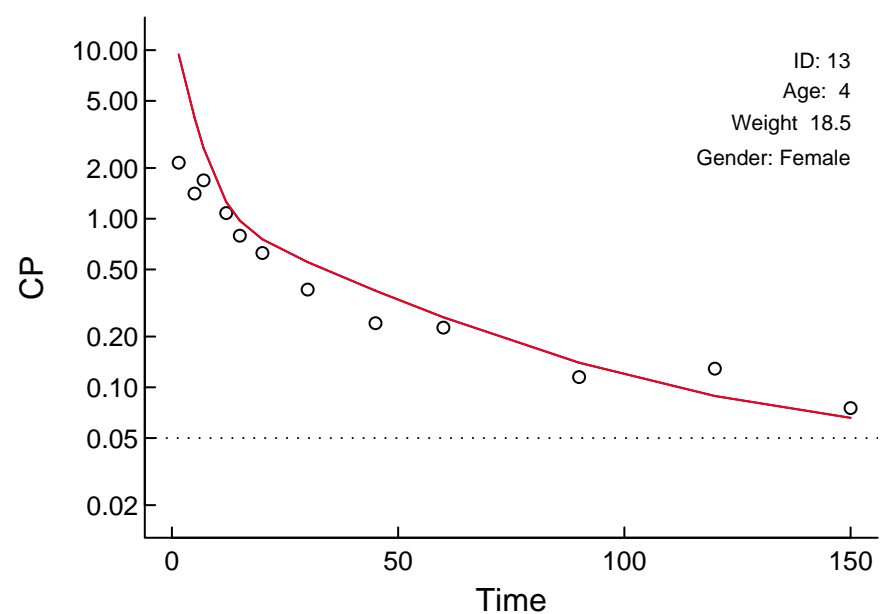
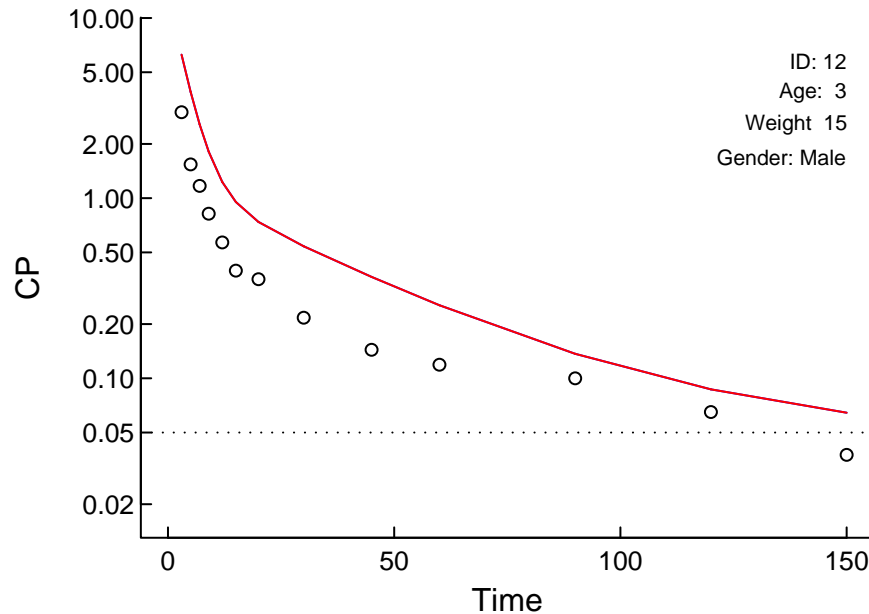
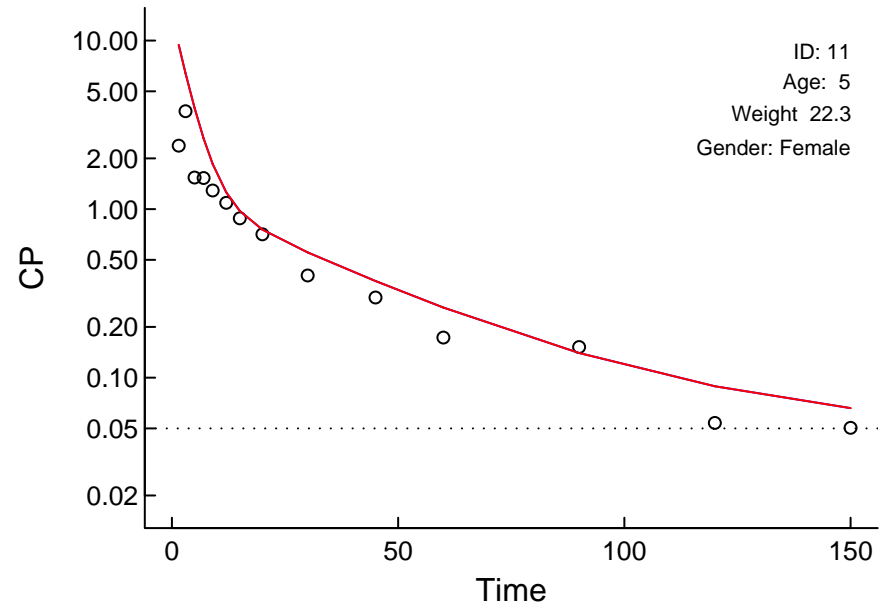
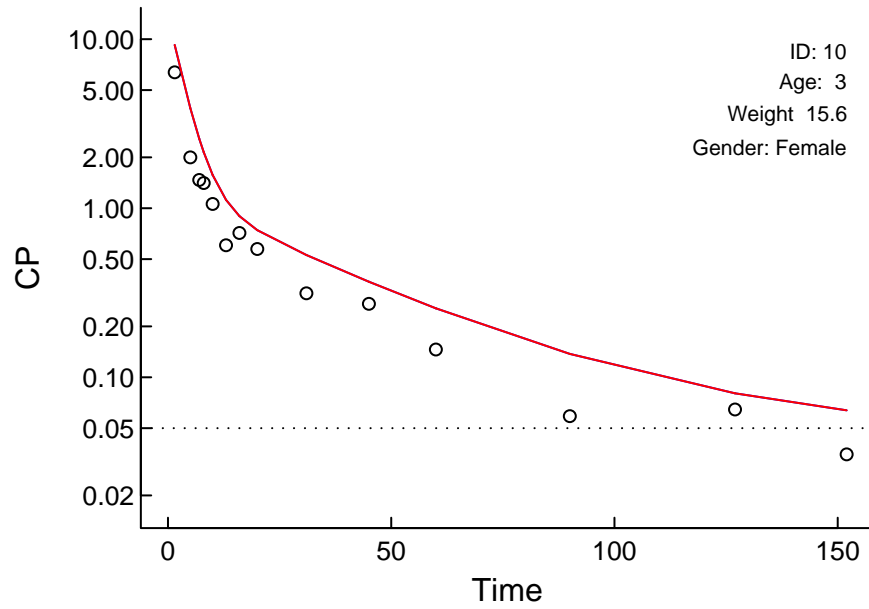
Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ



# "Control.Marsh.Simulation.txt" (6766.130)

Log Scale

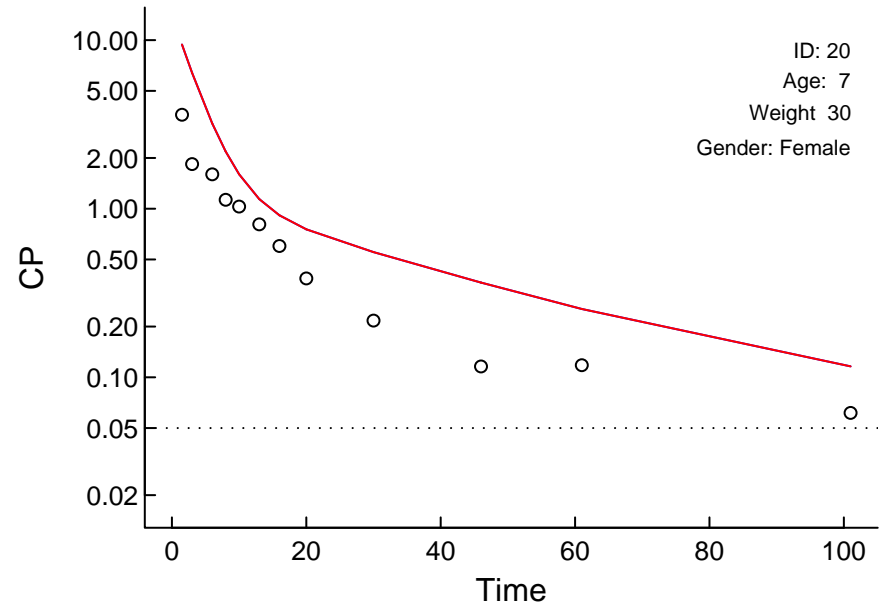
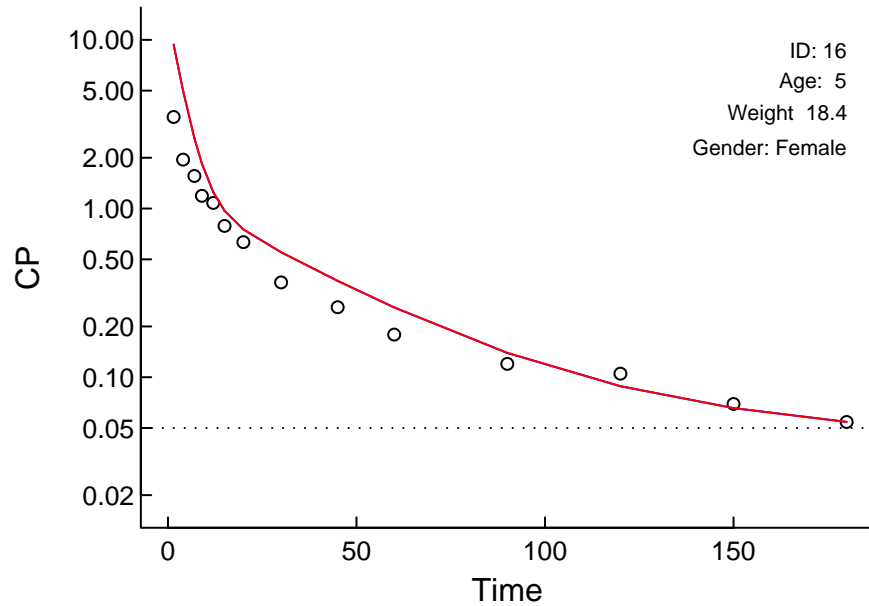
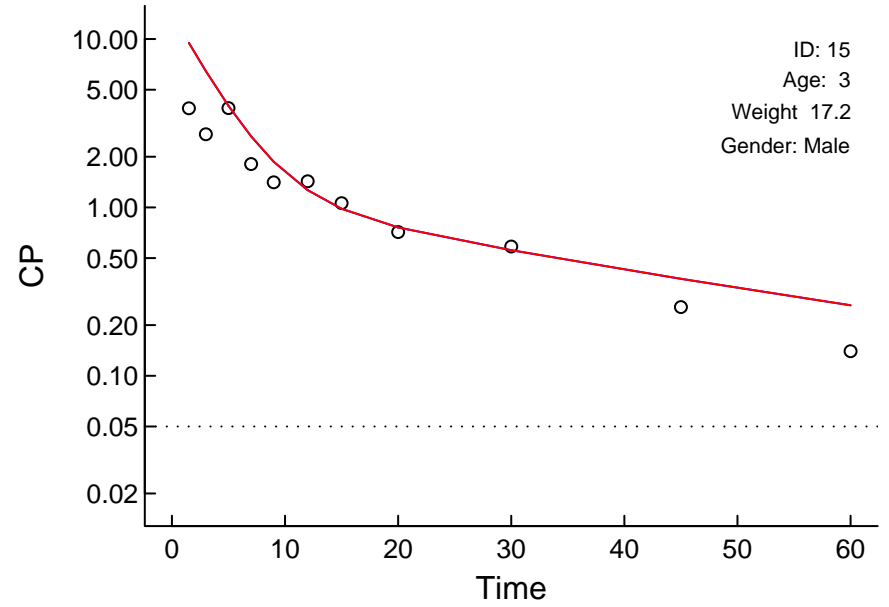
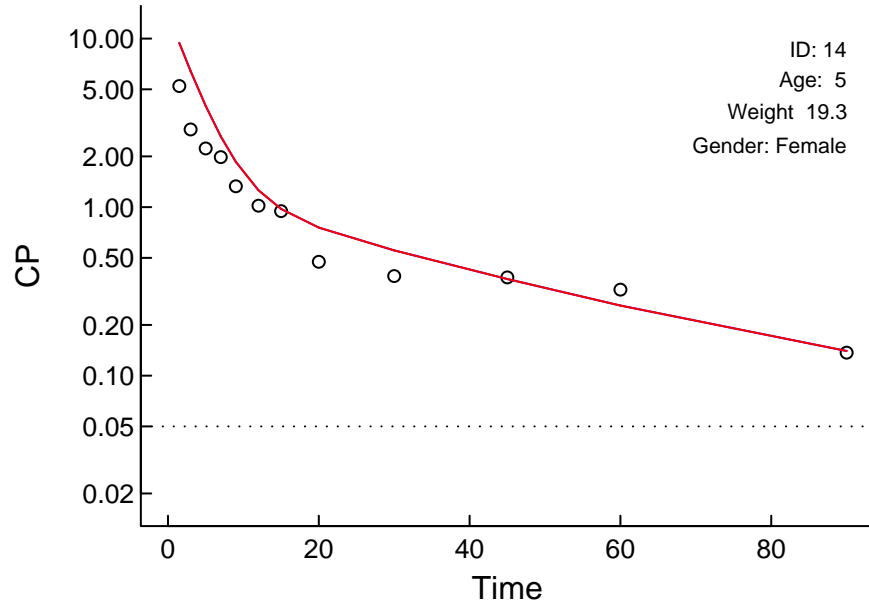
Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ



# "Control.Marsh.Simulation.txt" (6766.130)

Log Scale

Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ

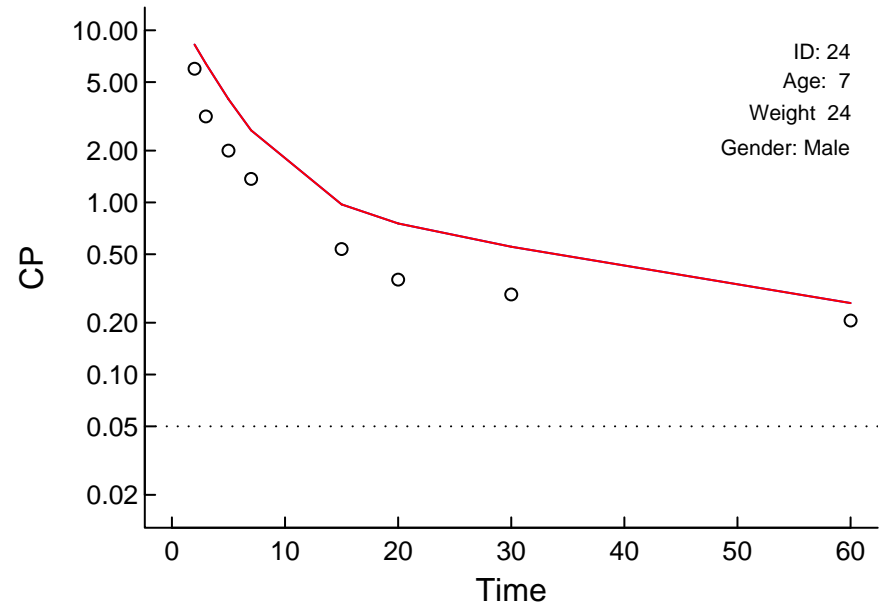
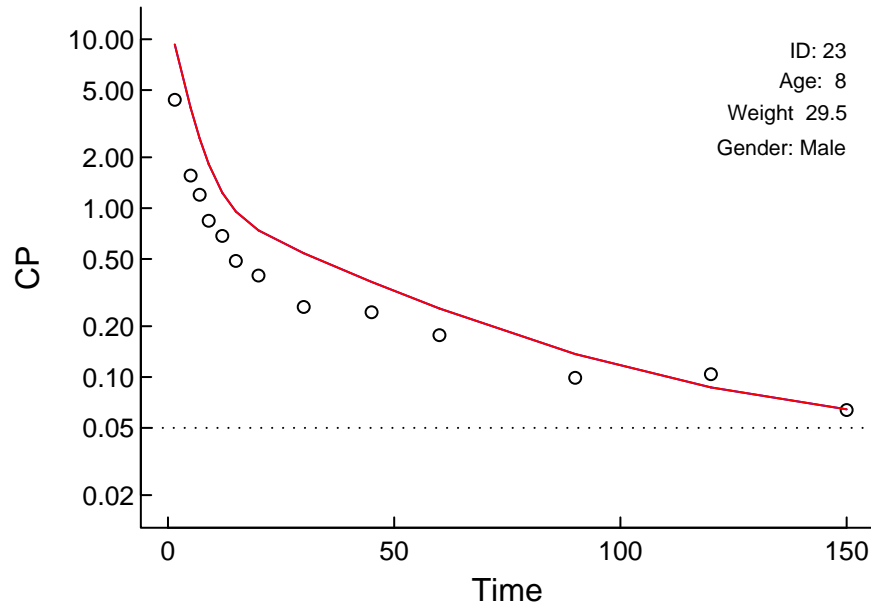
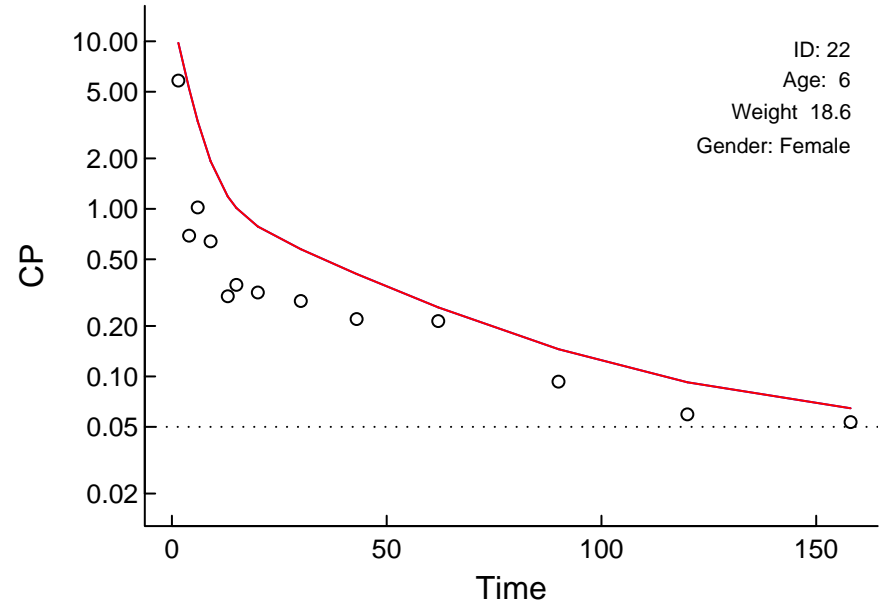
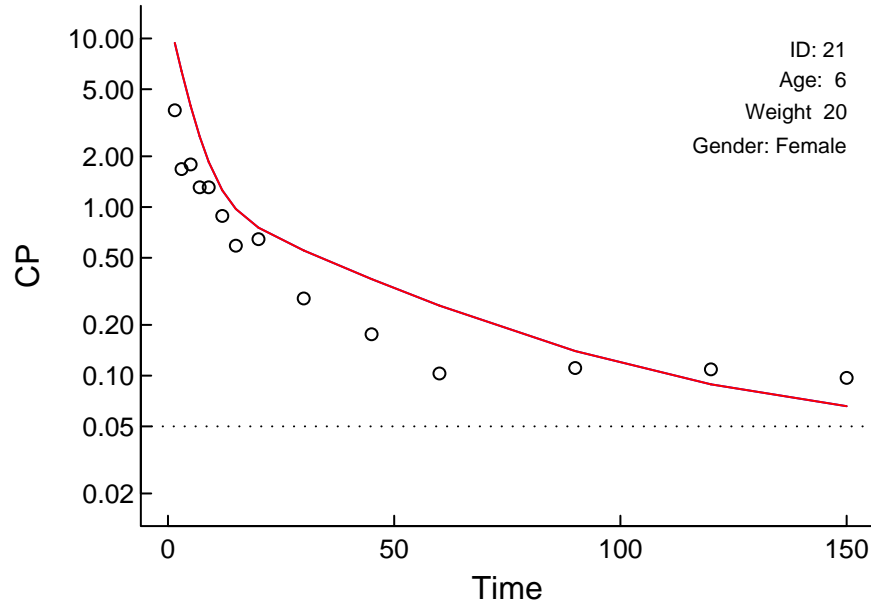




# "Control.Marsh.Simulation.txt" (6766.130)

Log Scale

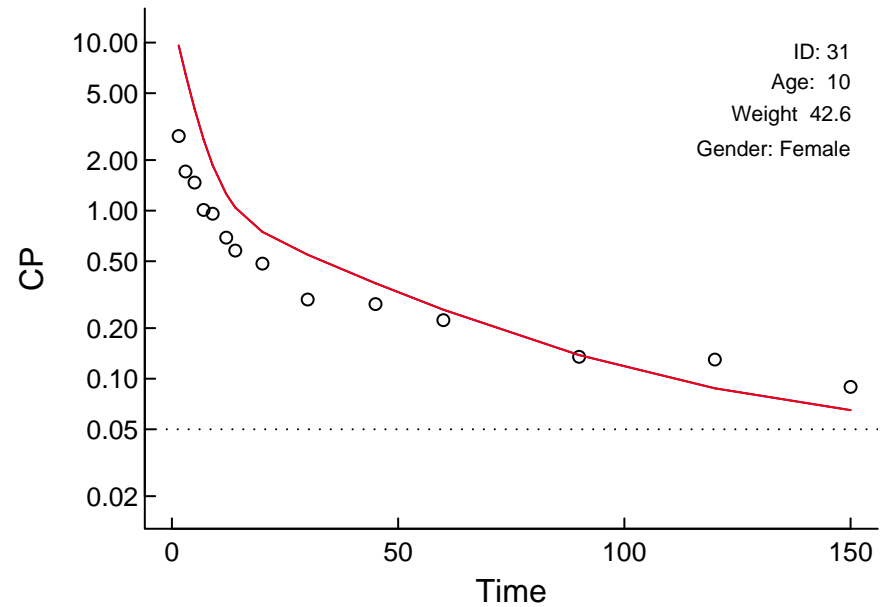
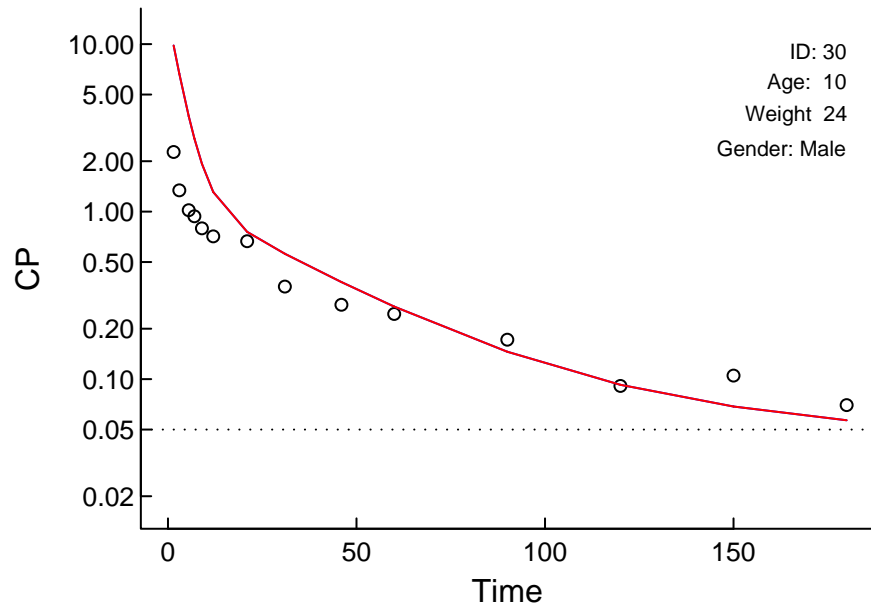
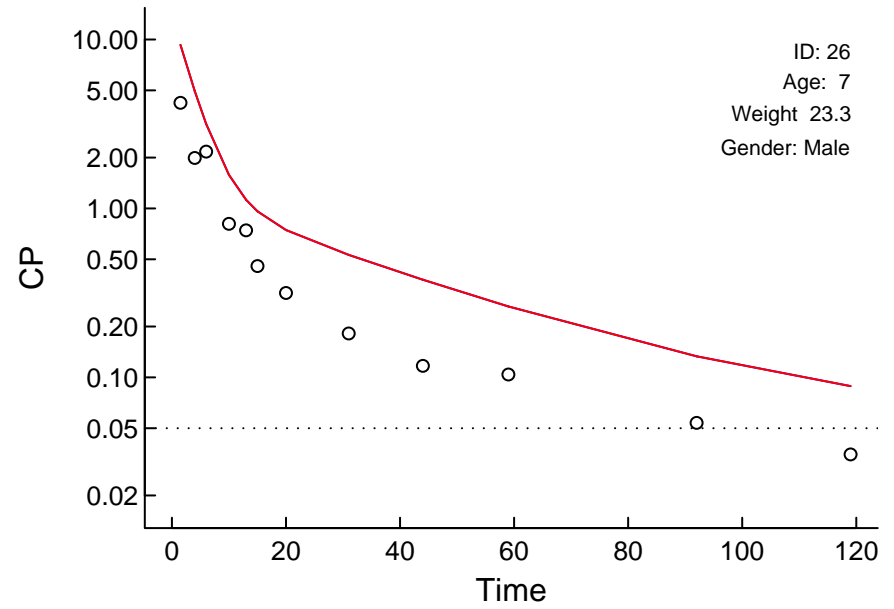
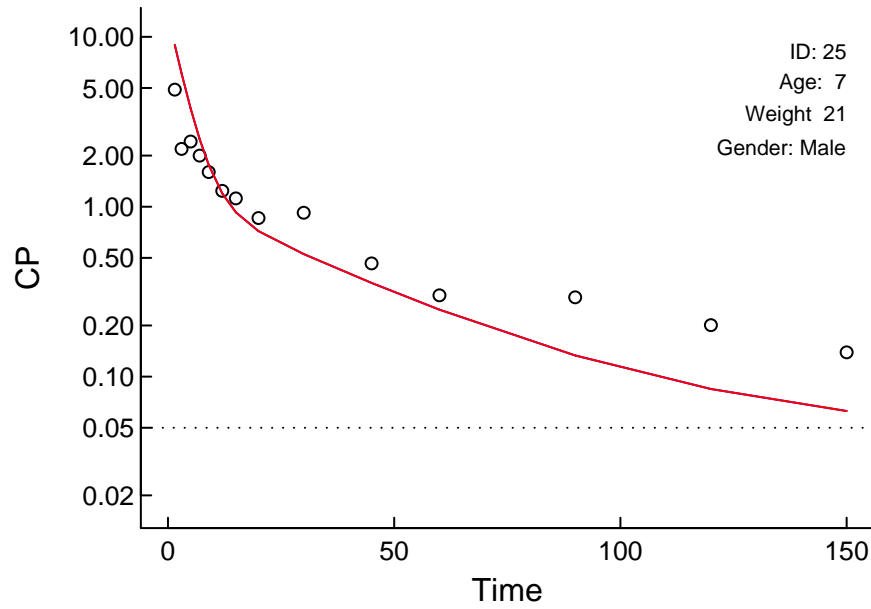
Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ



# "Control.Marsh.Simulation.txt" (6766.130)

Log Scale

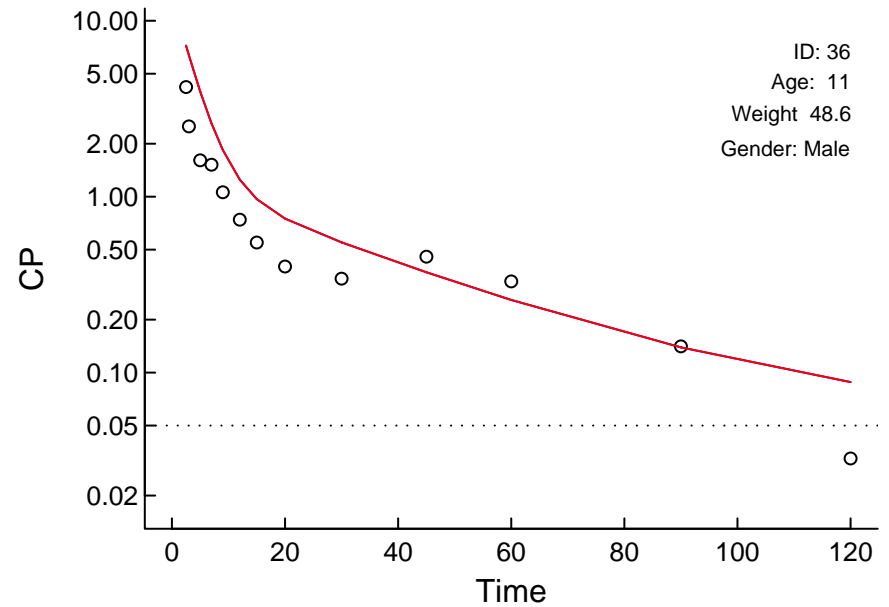
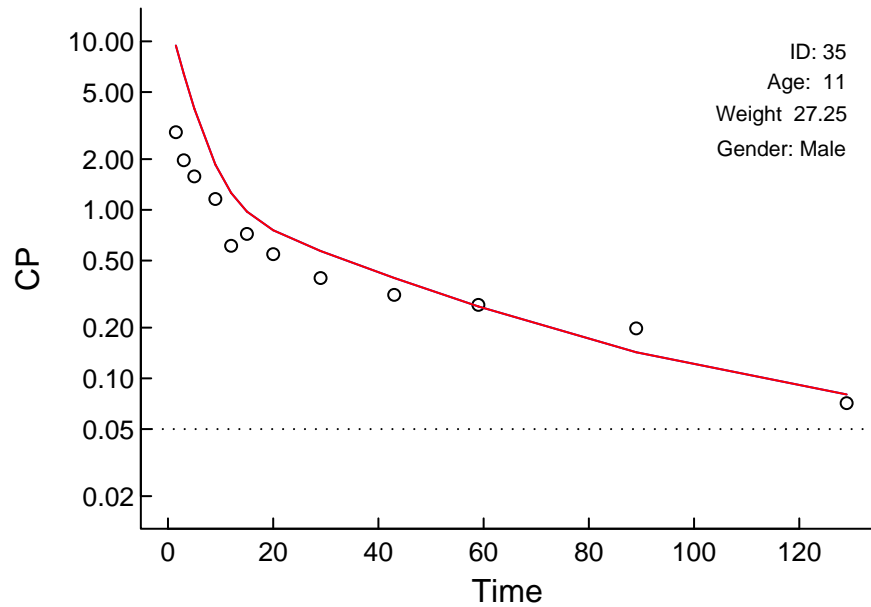
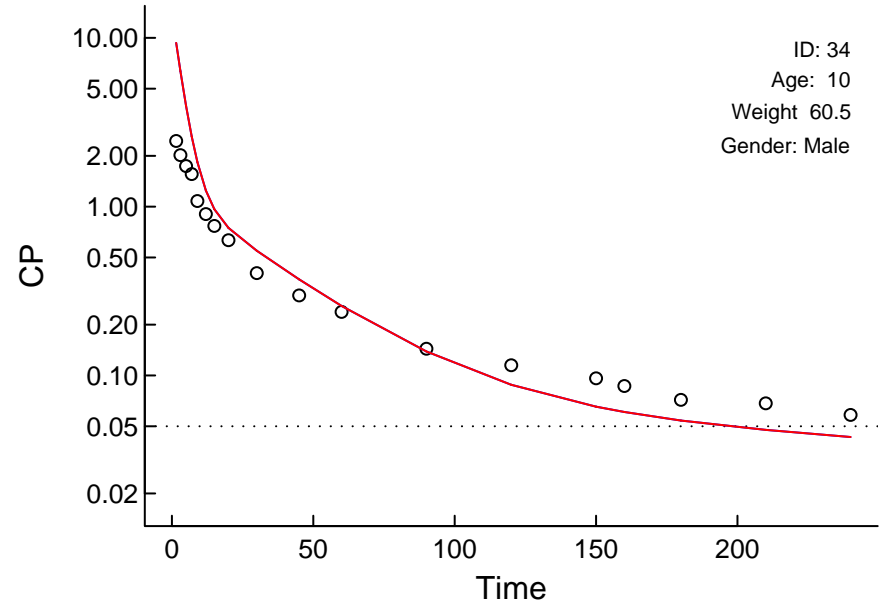
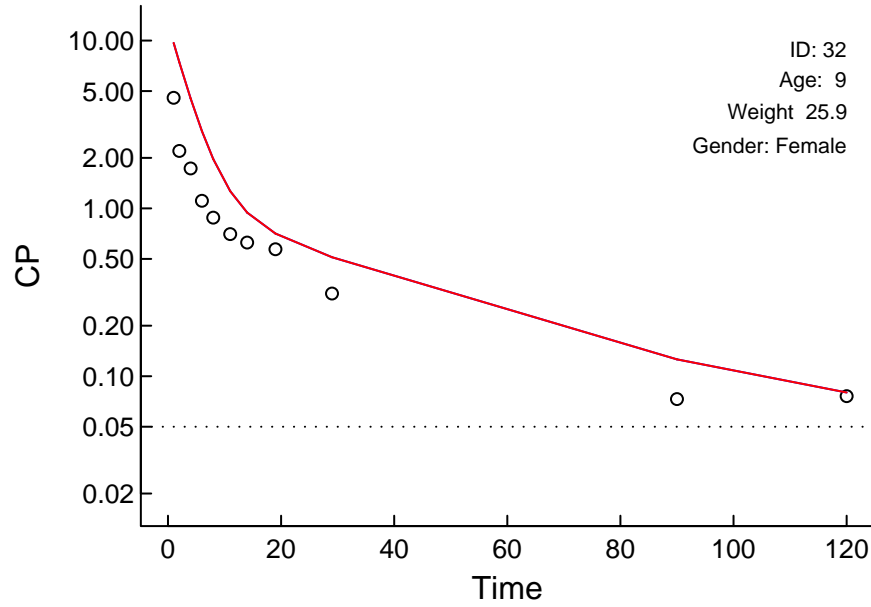
Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ



# "Control.Marsh.Simulation.txt" (6766.130)

Log Scale

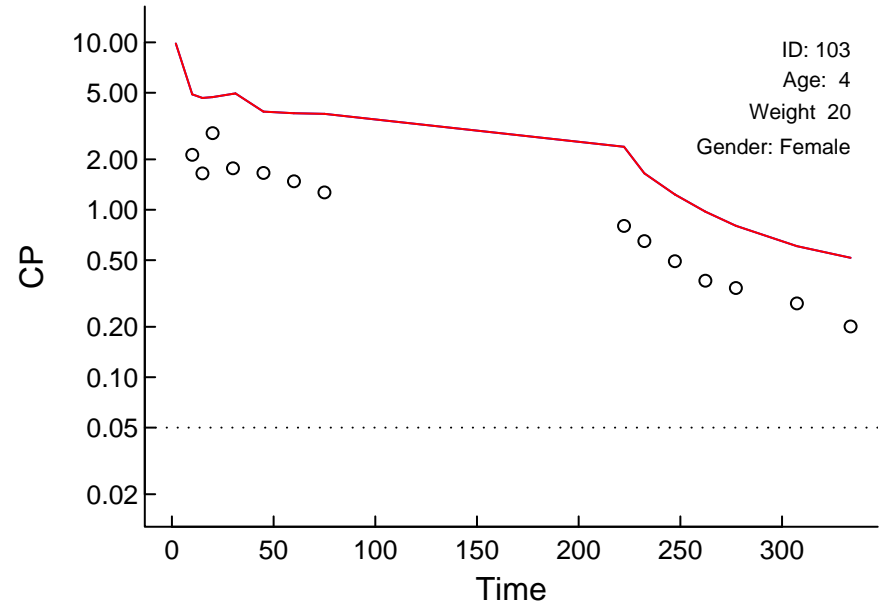
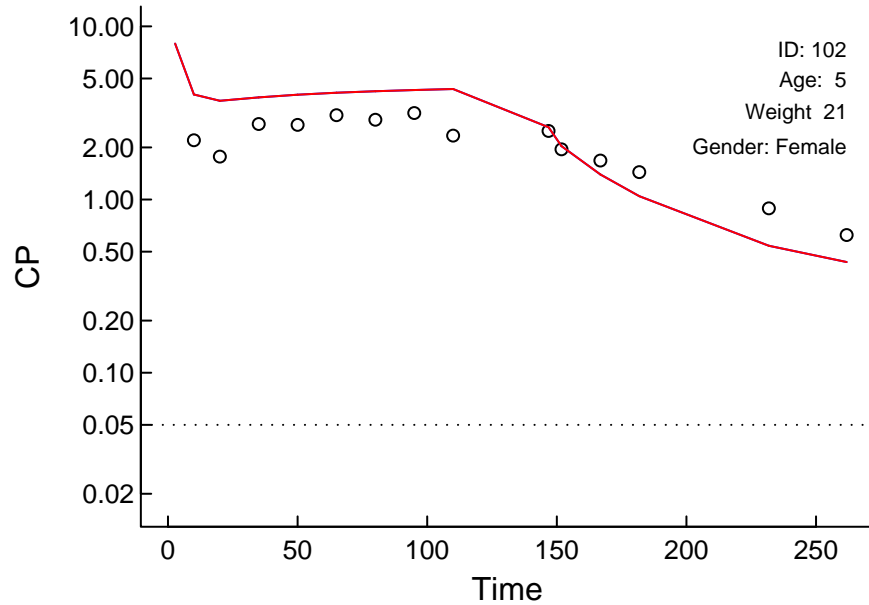
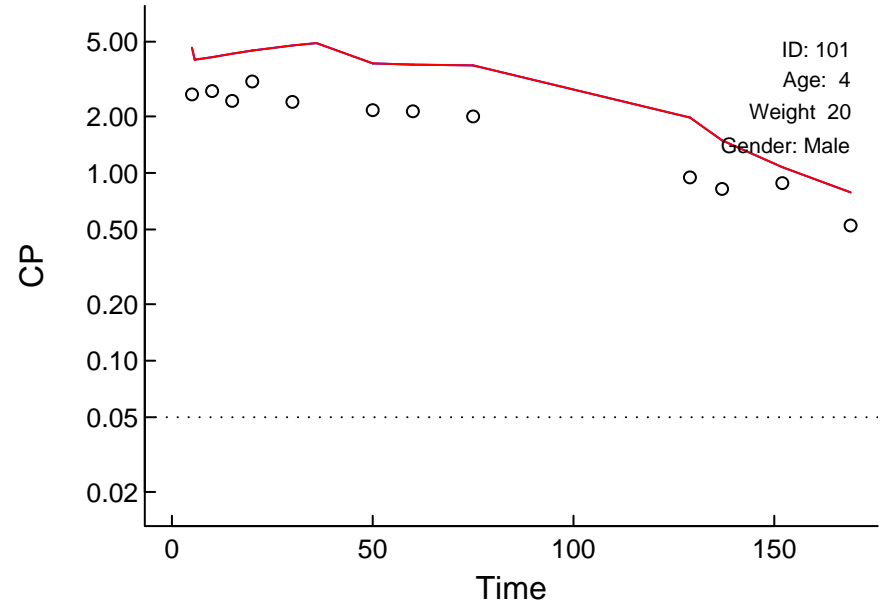
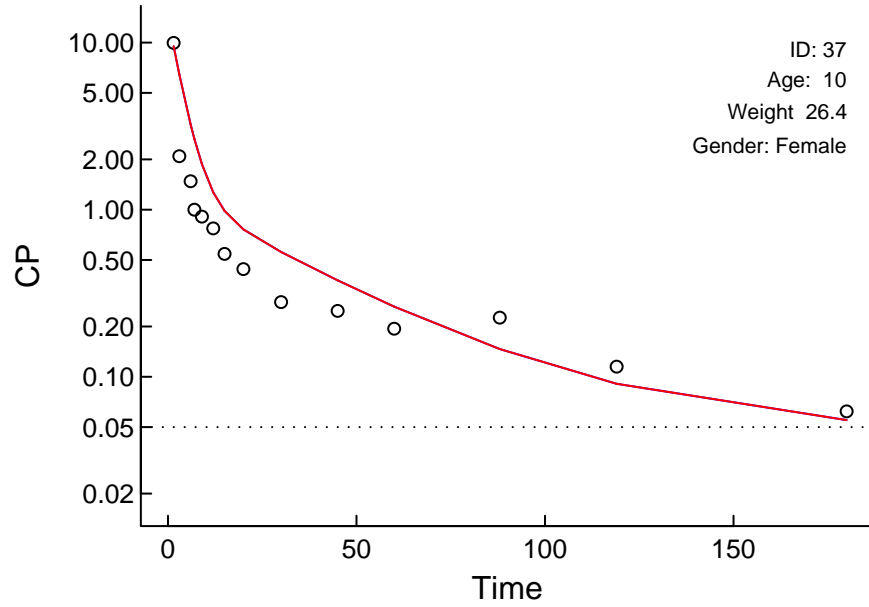
Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ



# "Control.Marsh.Simulation.txt" (6766.130)

Log Scale

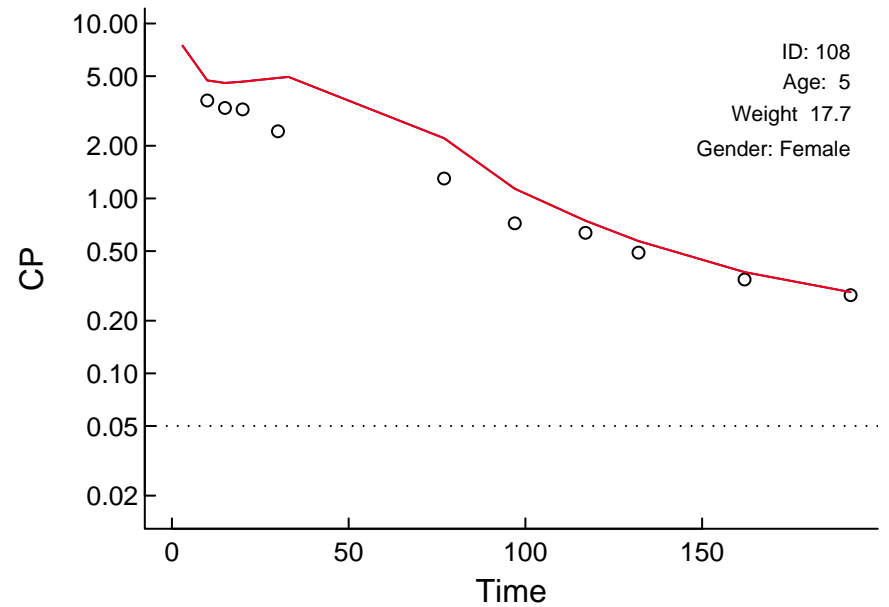
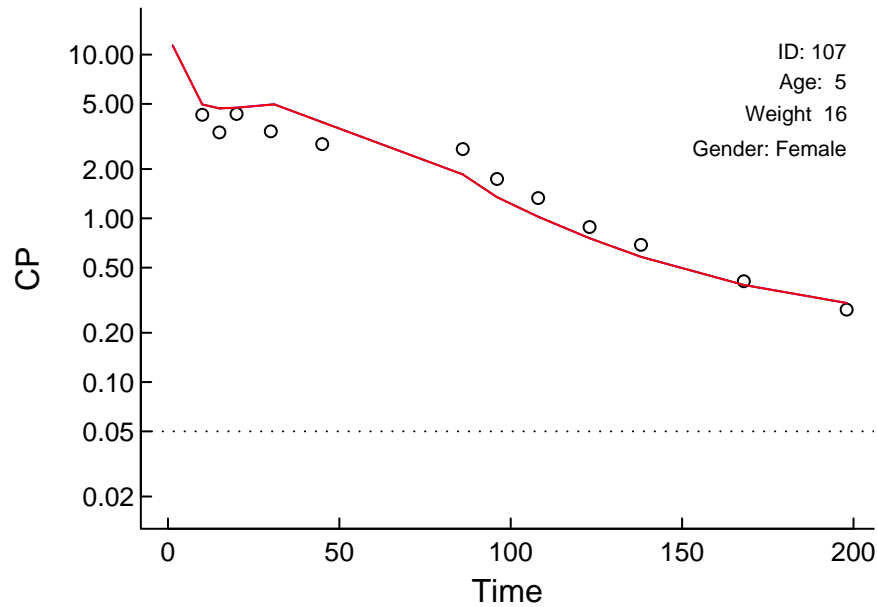
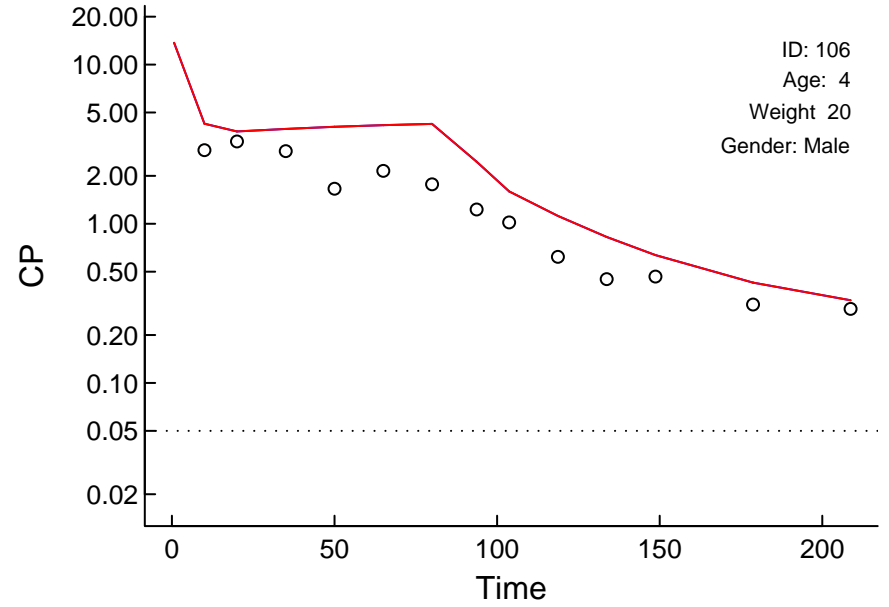
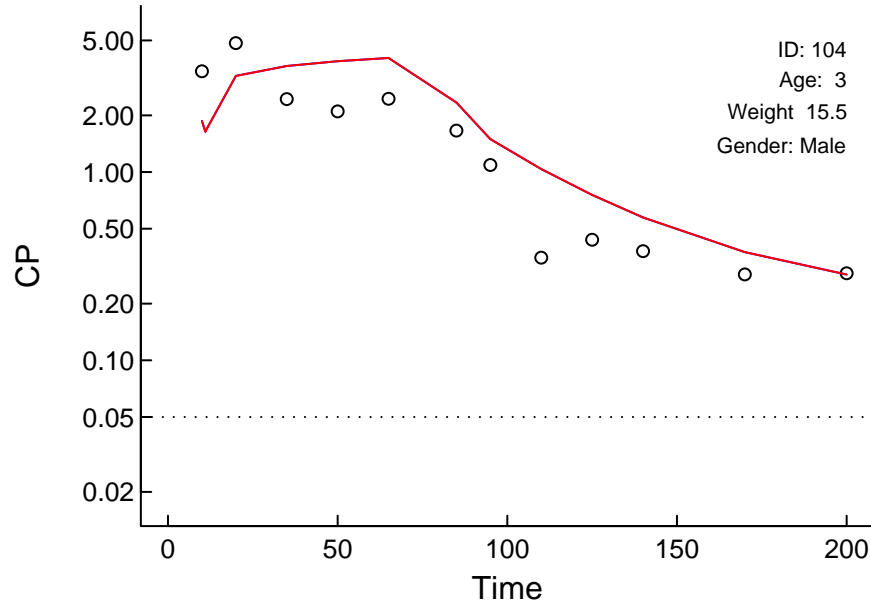
Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ



# "Control.Marsh.Simulation.txt" (6766.130)

Log Scale

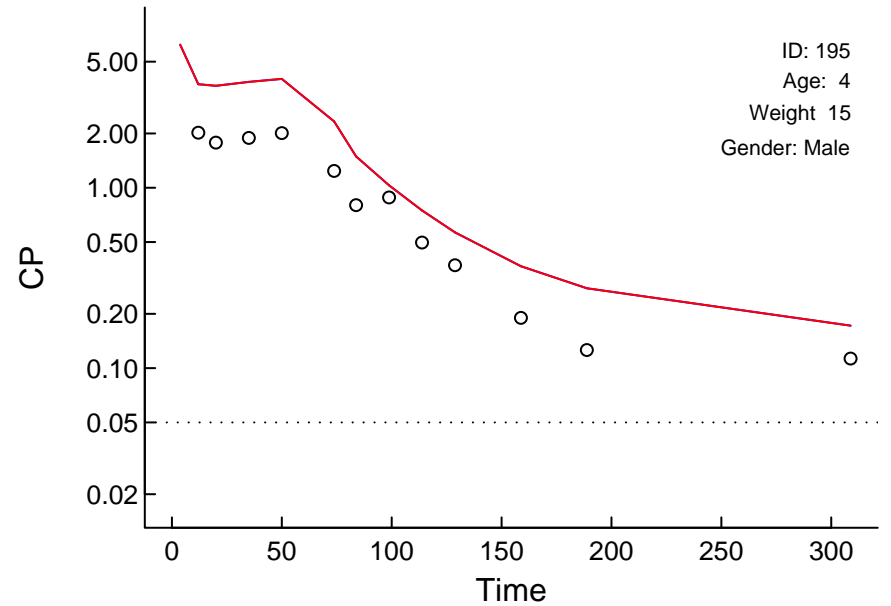
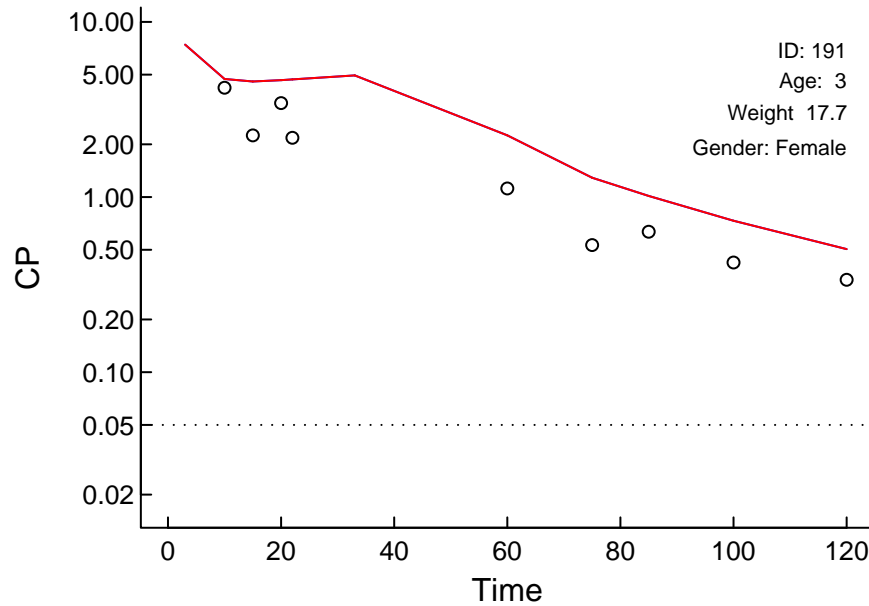
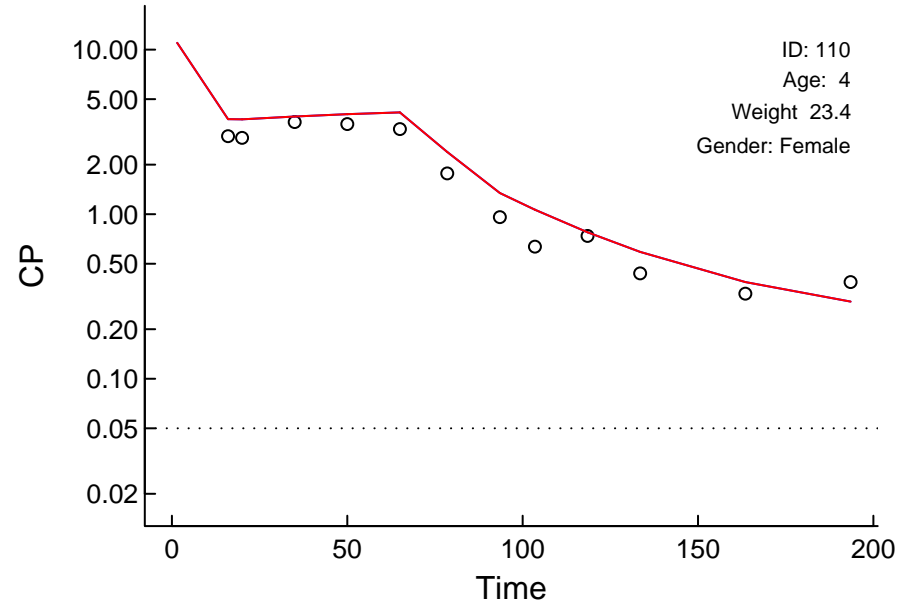
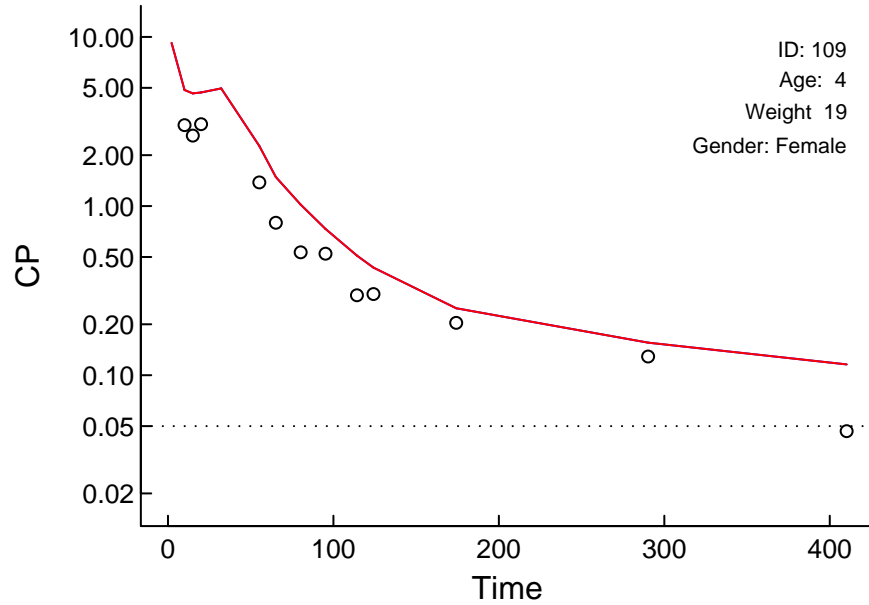
Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ



# "Control.Marsh.Simulation.txt" (6766.130)

Log Scale

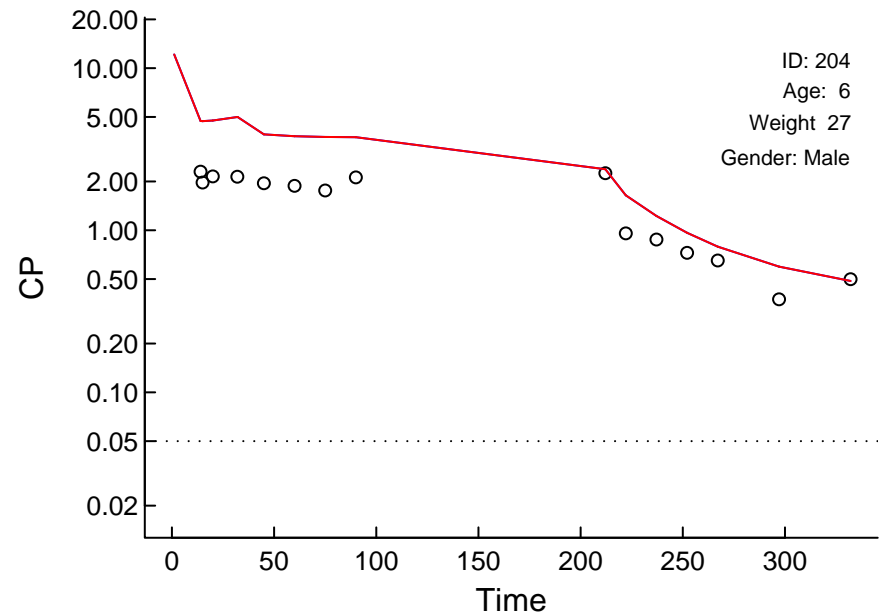
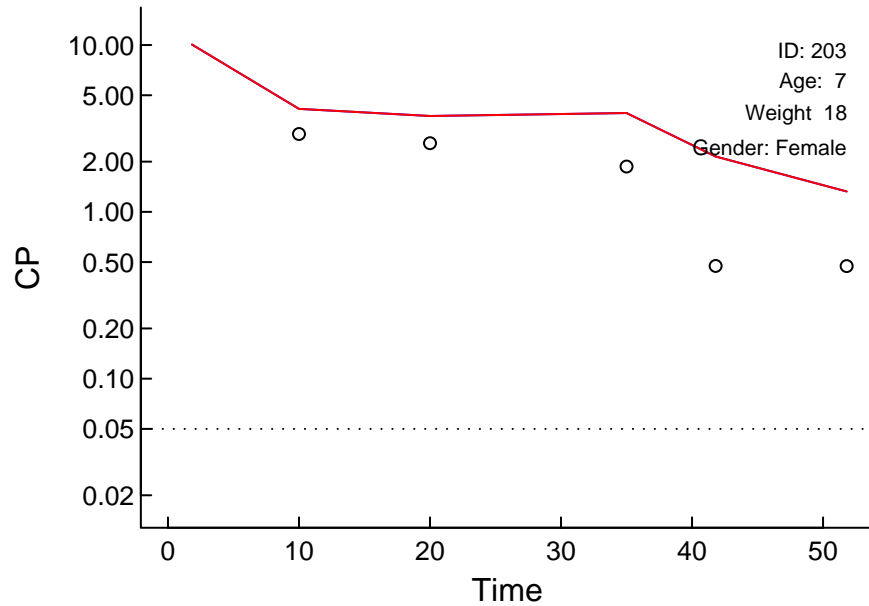
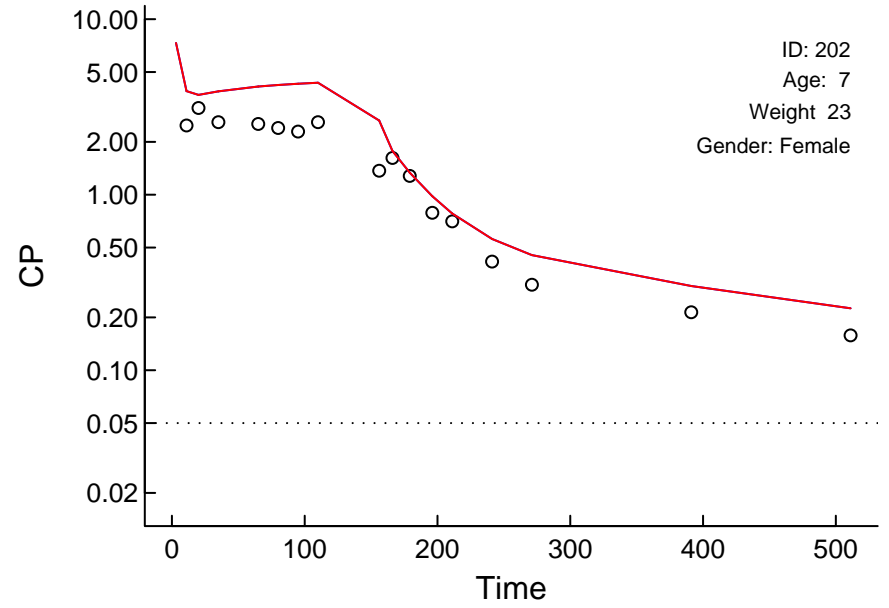
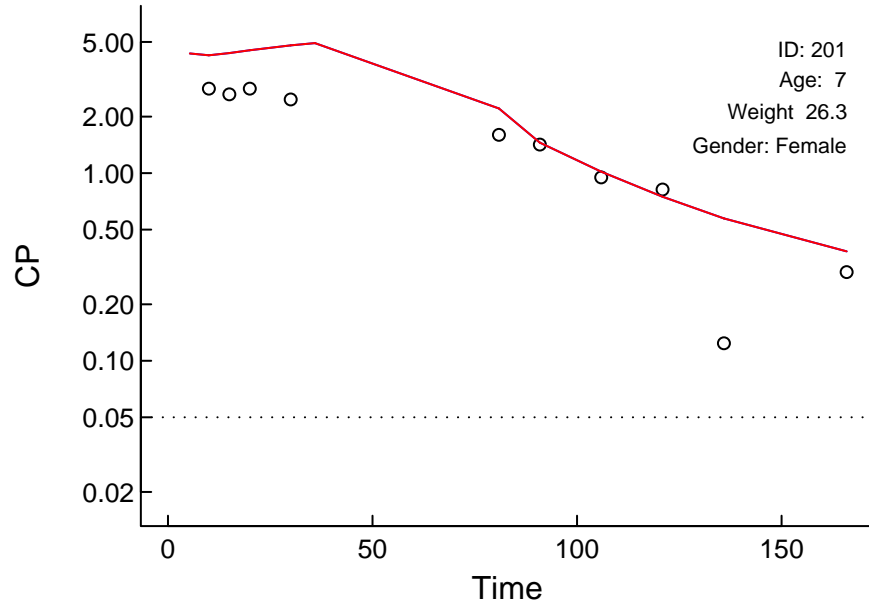
Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ



# "Control.Marsh.Simulation.txt" (6766.130)

Log Scale

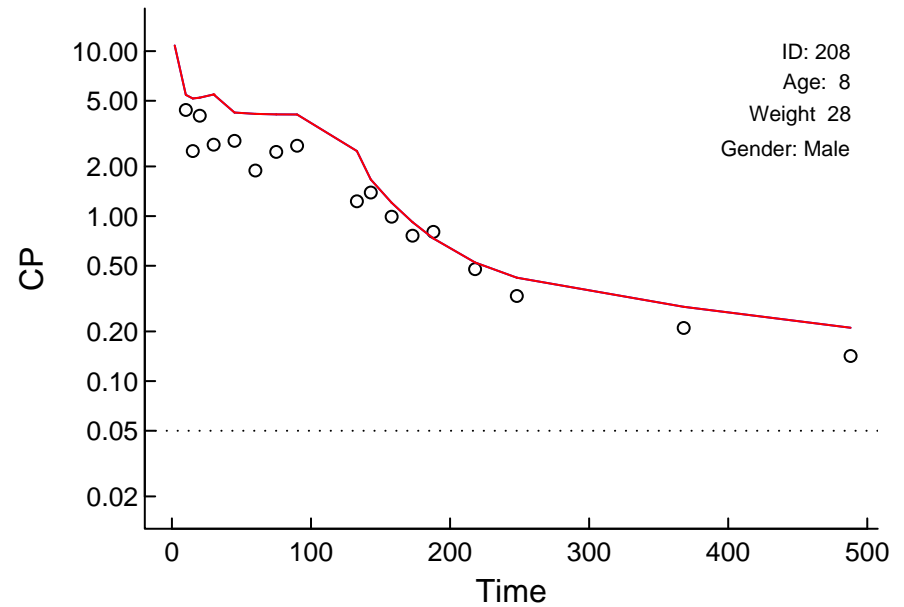
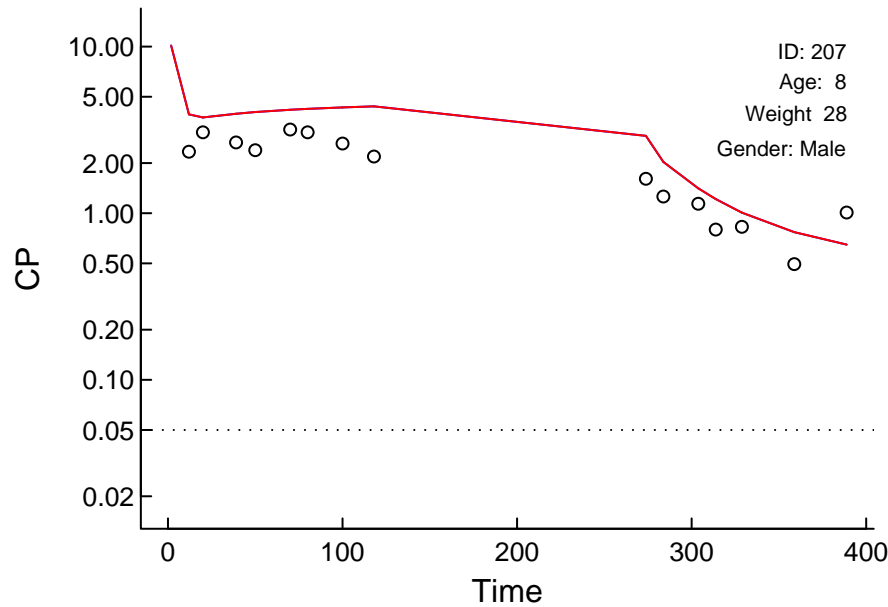
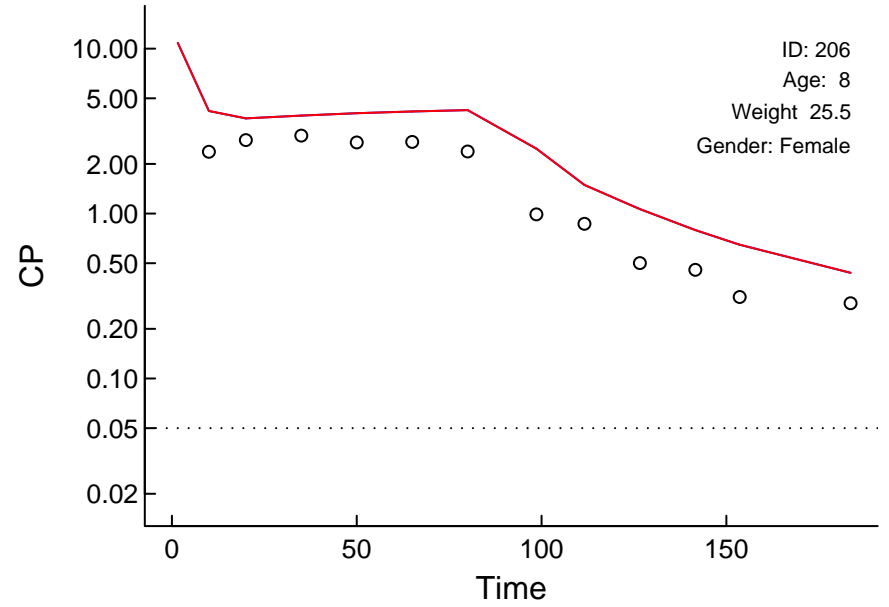
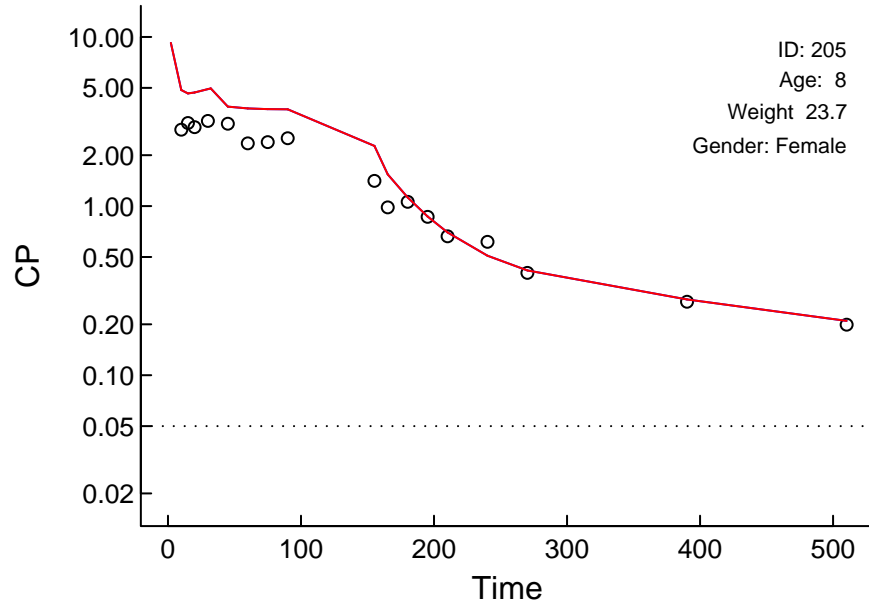
Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ



# "Control.Marsh.Simulation.txt" (6766.130)

Log Scale

Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ

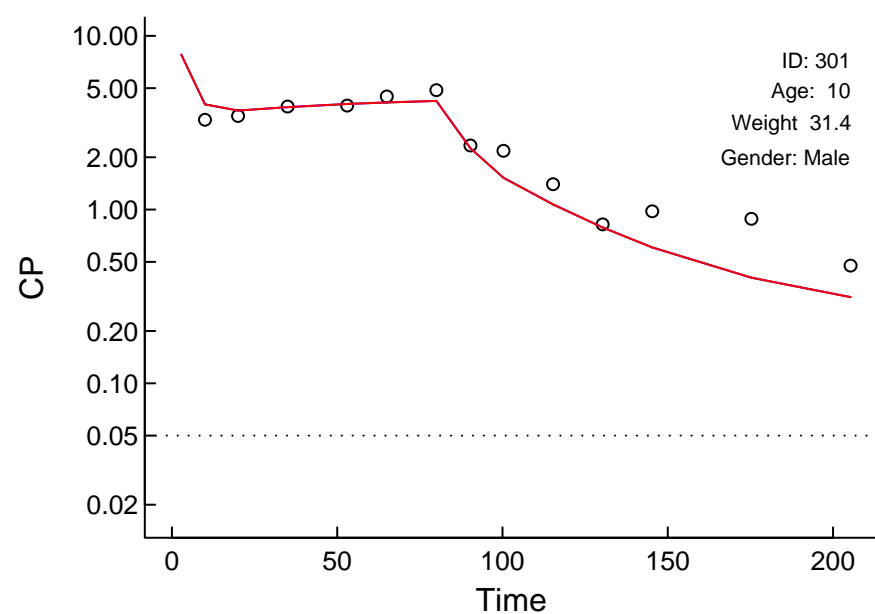
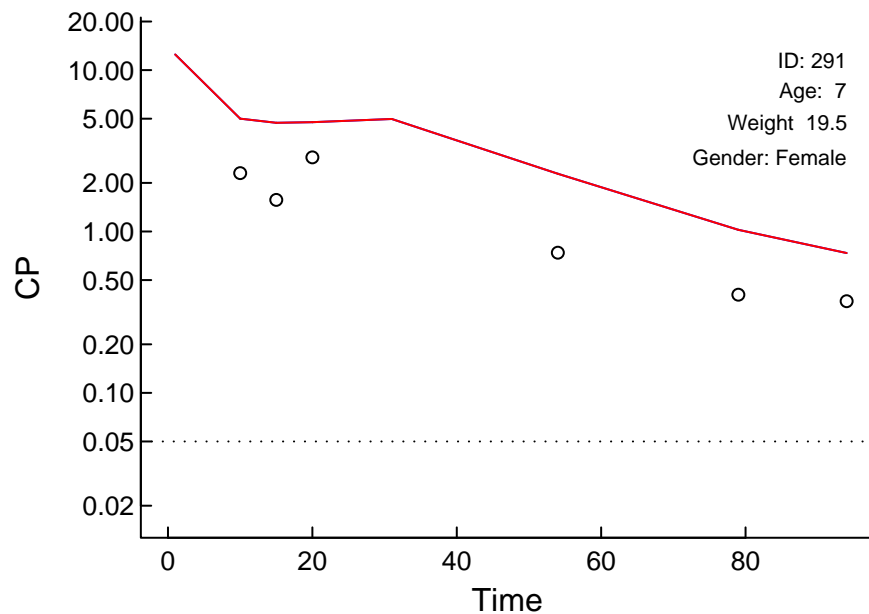
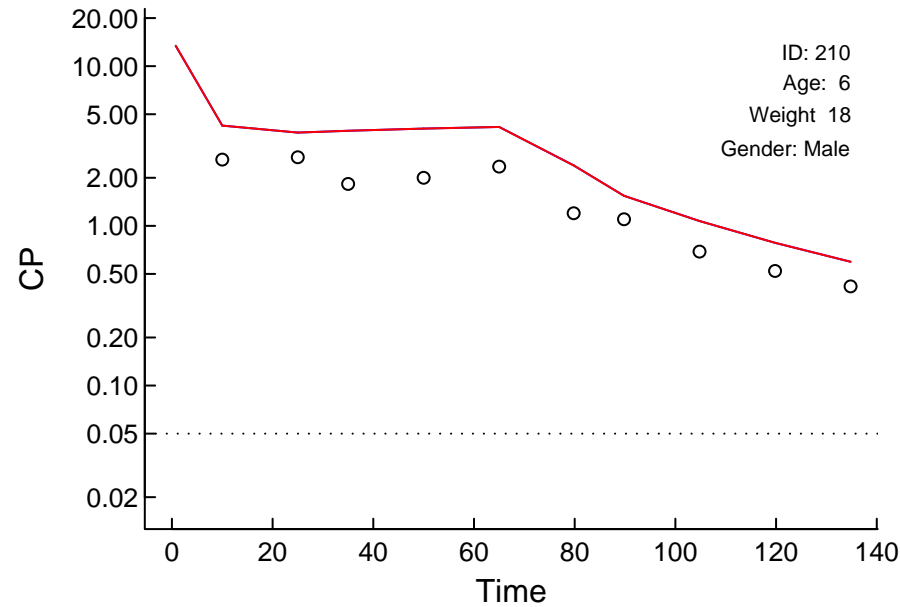
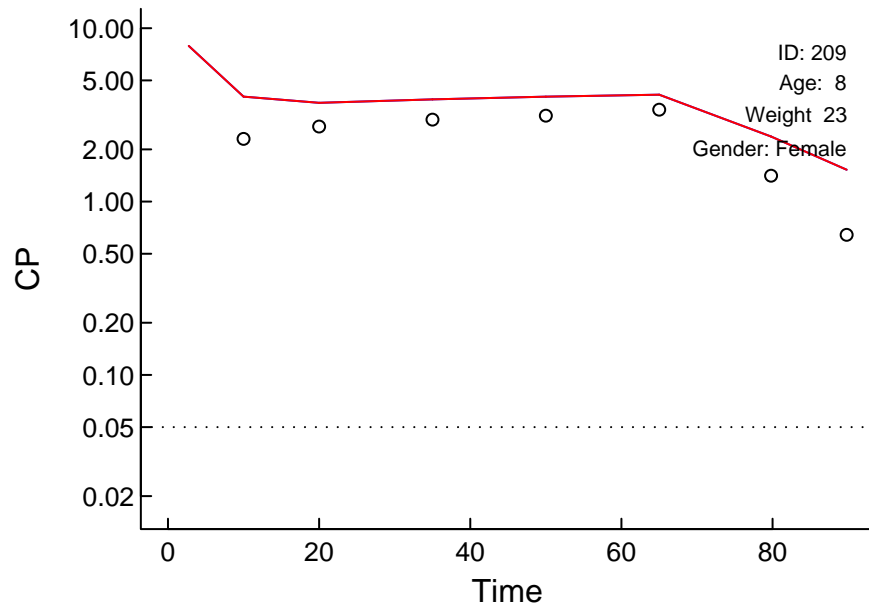




# "Control.Marsh.Simulation.txt" (6766.130)

Log Scale

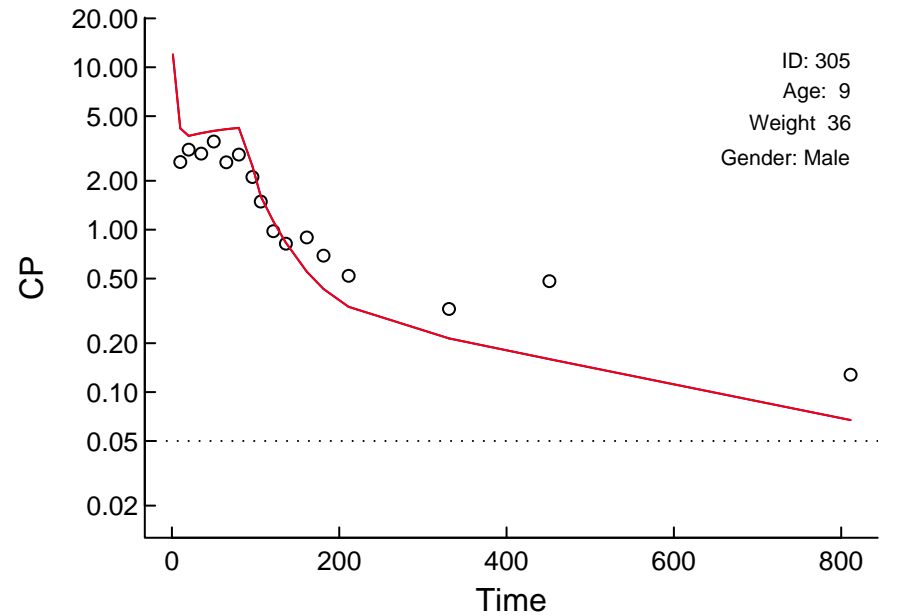
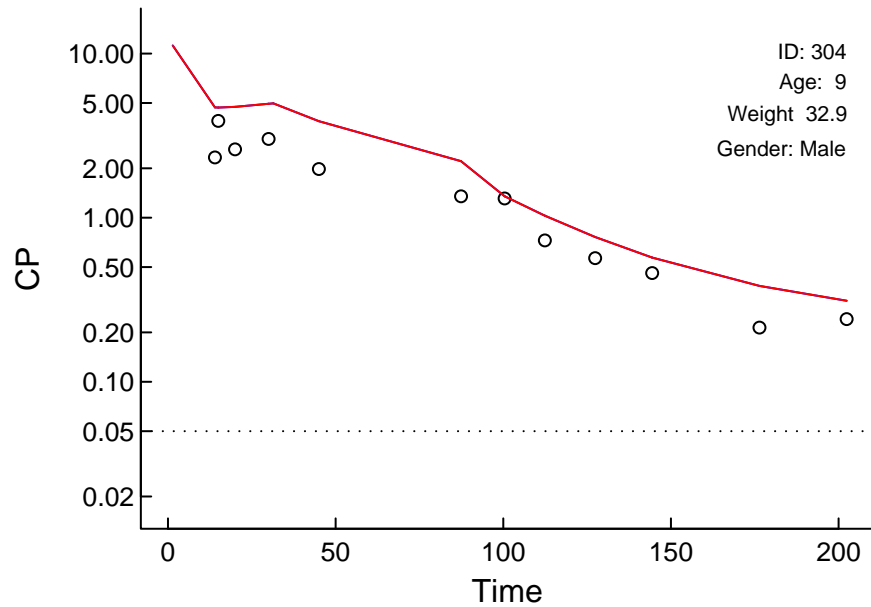
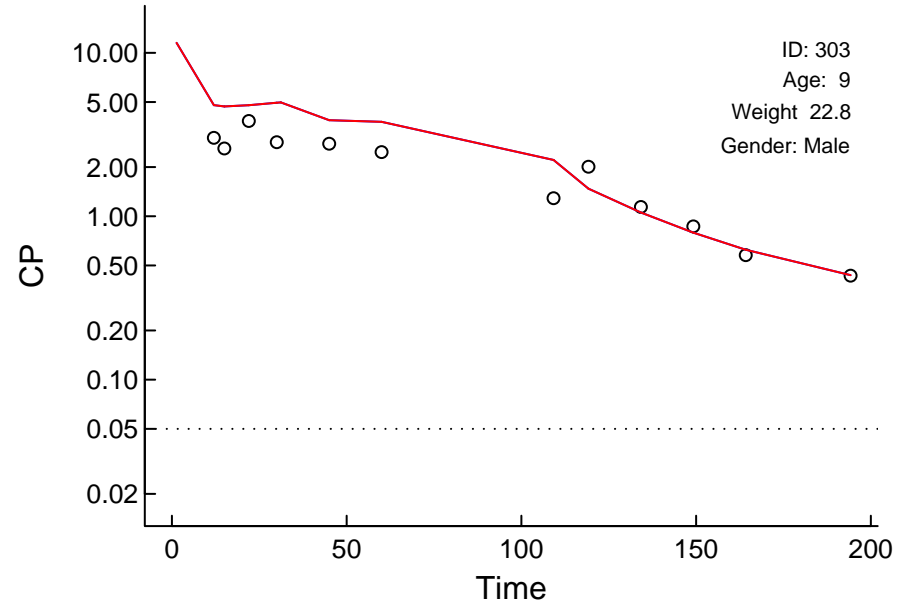
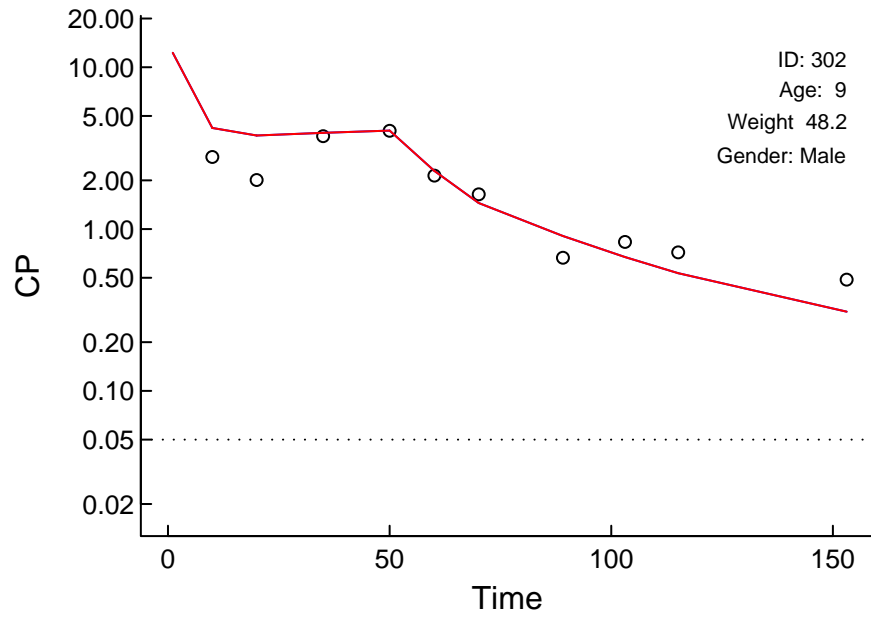
Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ



# "Control.Marsh.Simulation.txt" (6766.130)

Log Scale

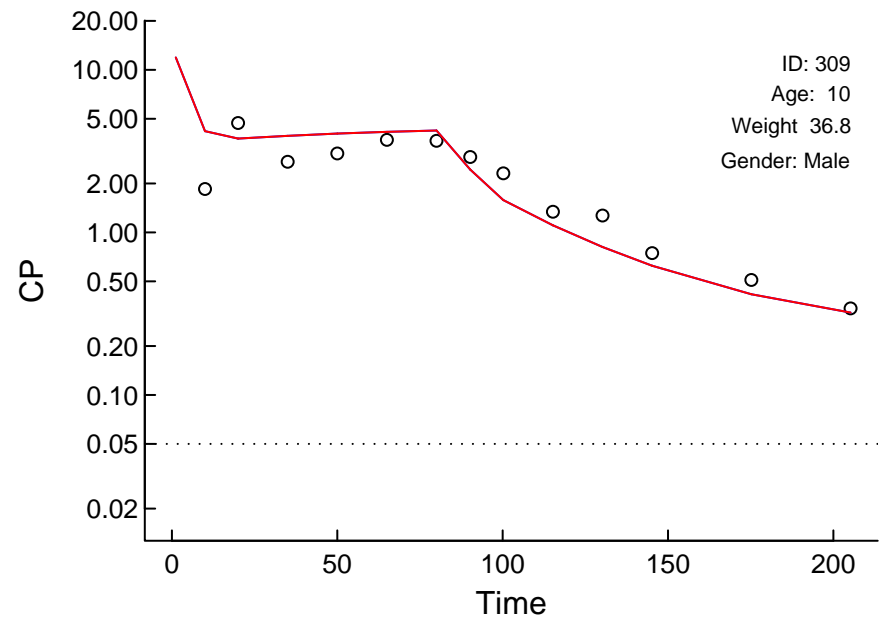
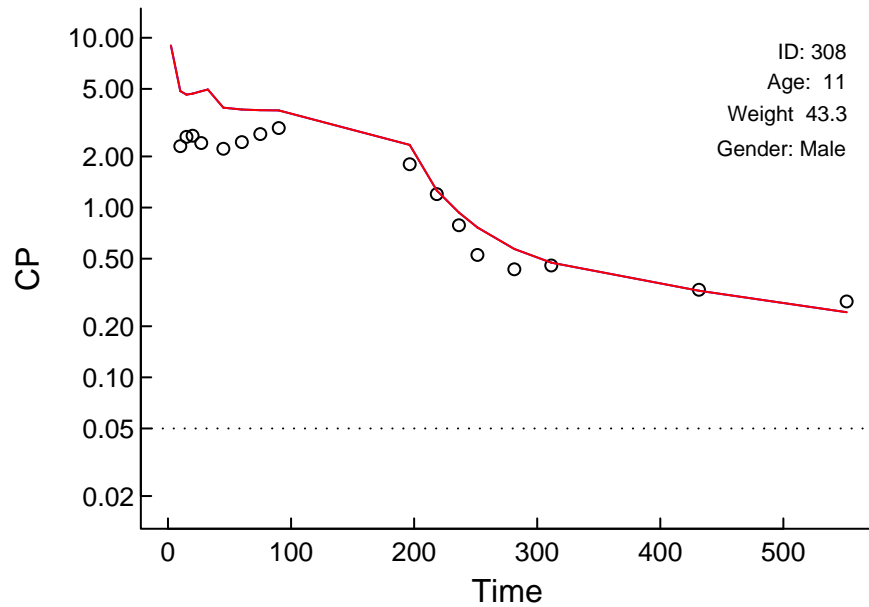
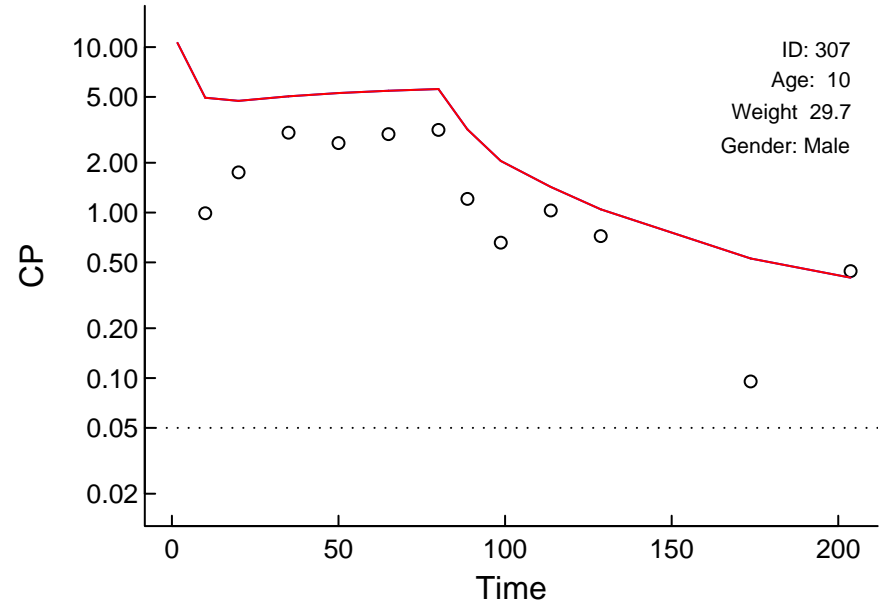
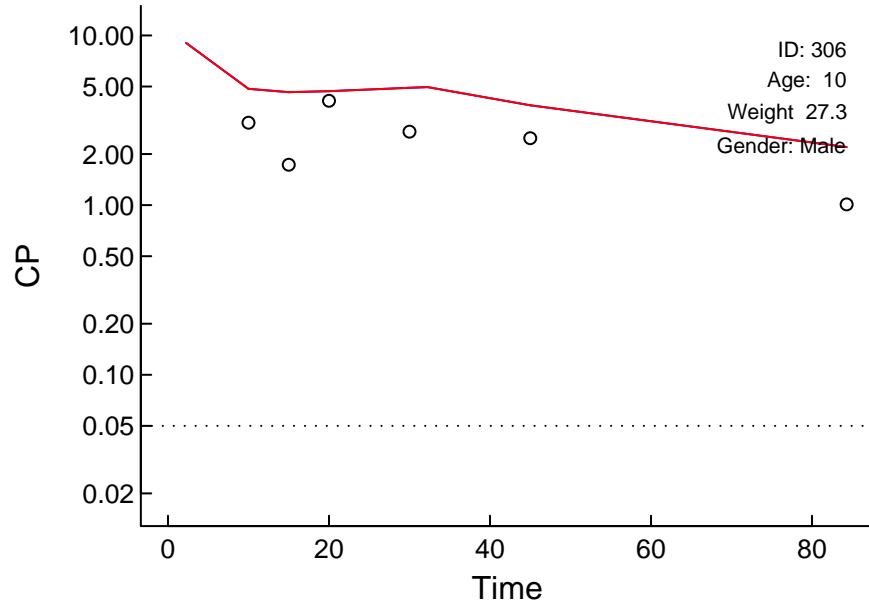
Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ



# "Control.Marsh.Simulation.txt" (6766.130)

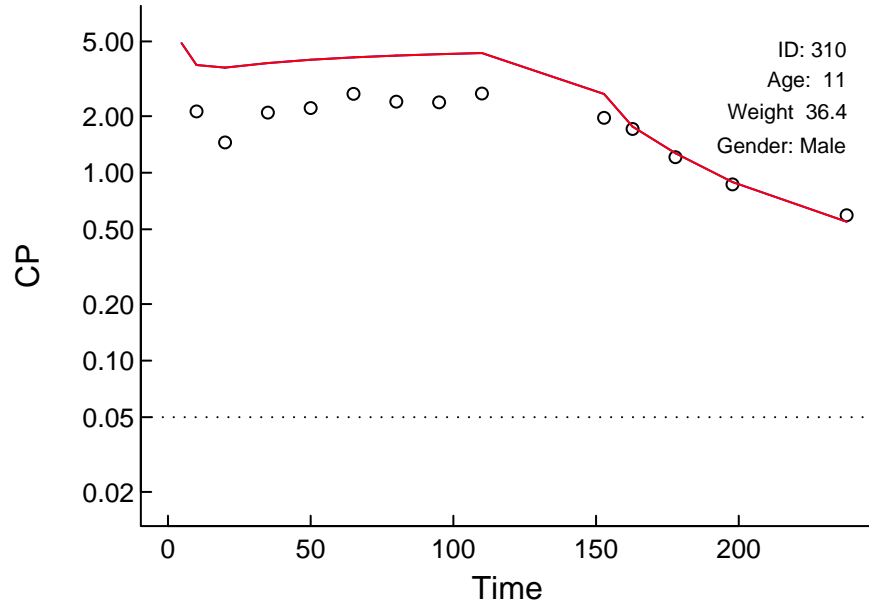
Log Scale

Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ

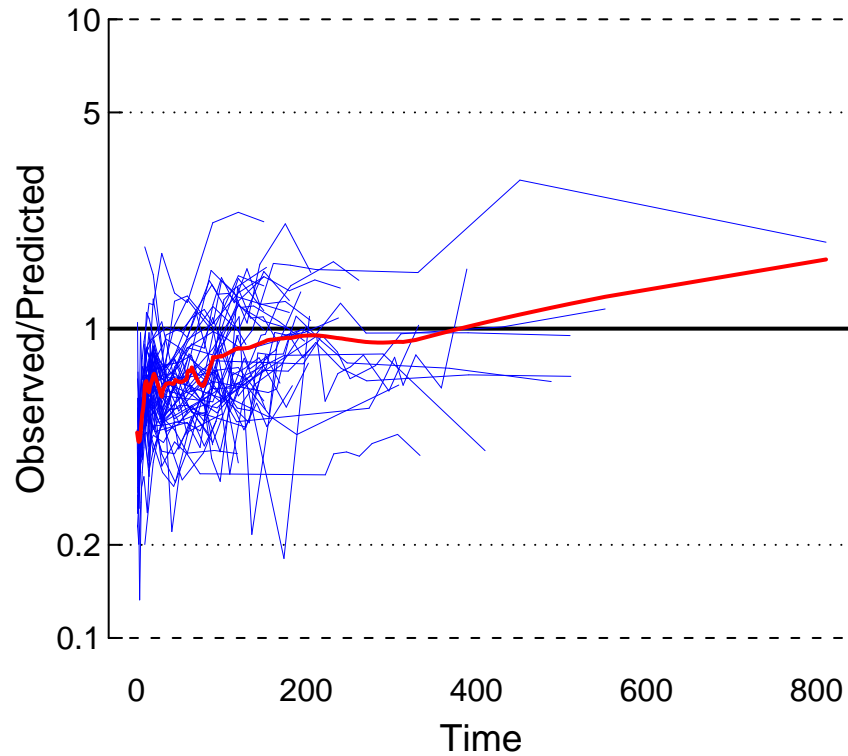


Log Scale

Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ

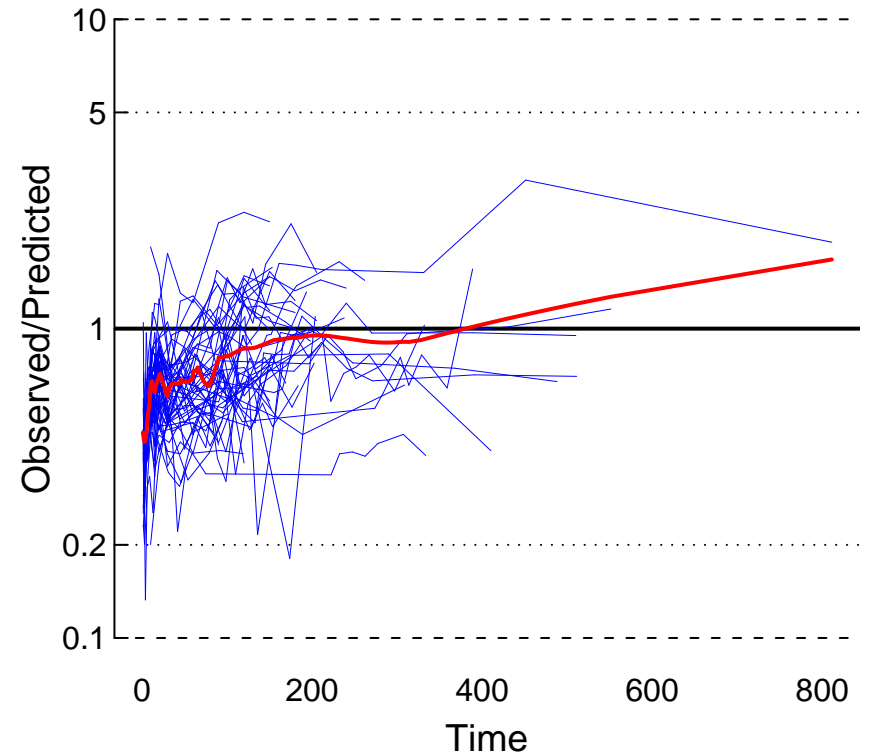


Population



MDPE = -0.338  
MDAPE = 0.363

Post Hoc

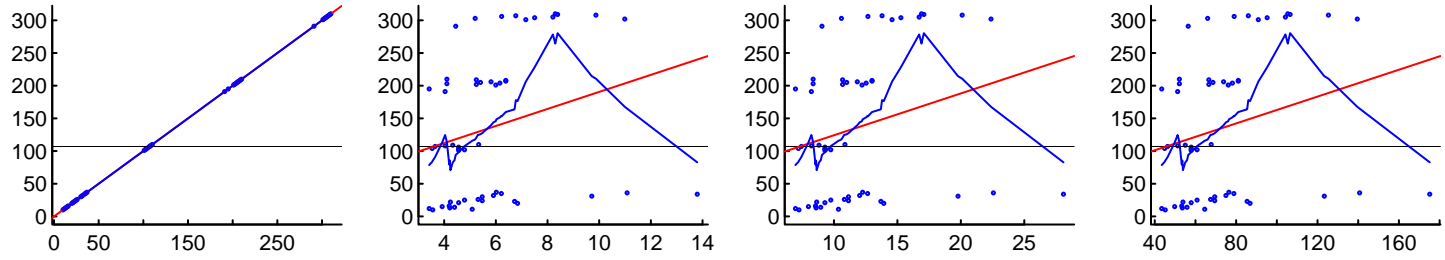


MDPE = -0.338  
MDAPE = 0.363

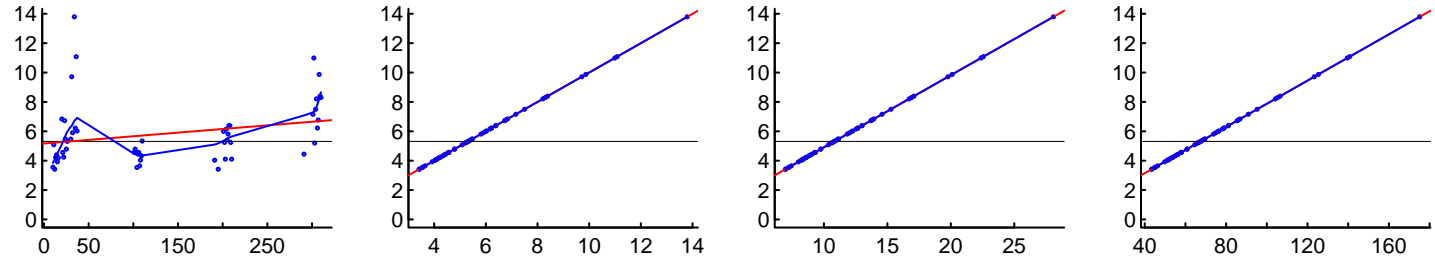
# "Control.Marsh.Simulation.txt" (6766.130)

## Post Hoc Value vs. Covariates

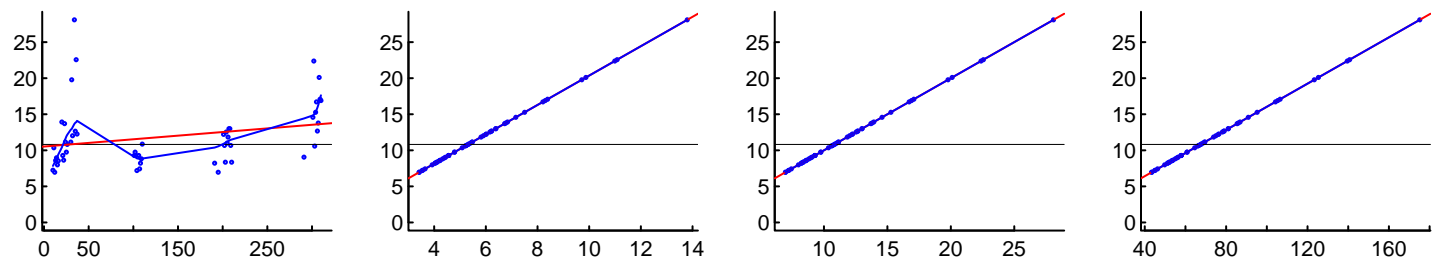
ID



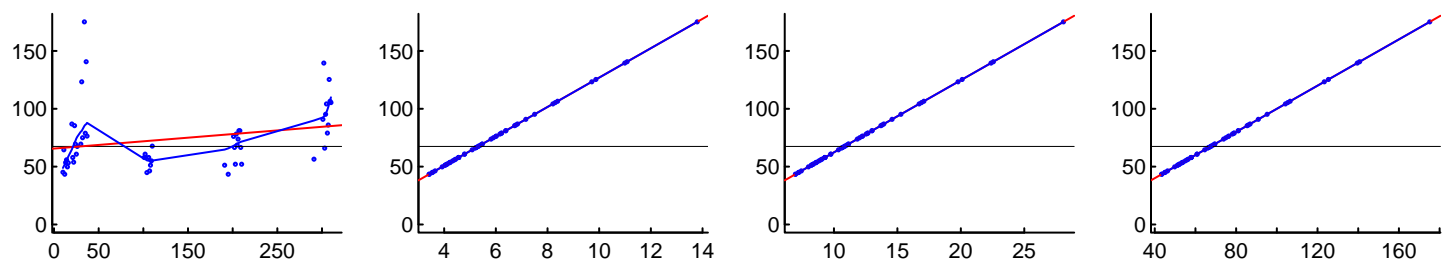
V1



V2



V3



ID

V1

V2

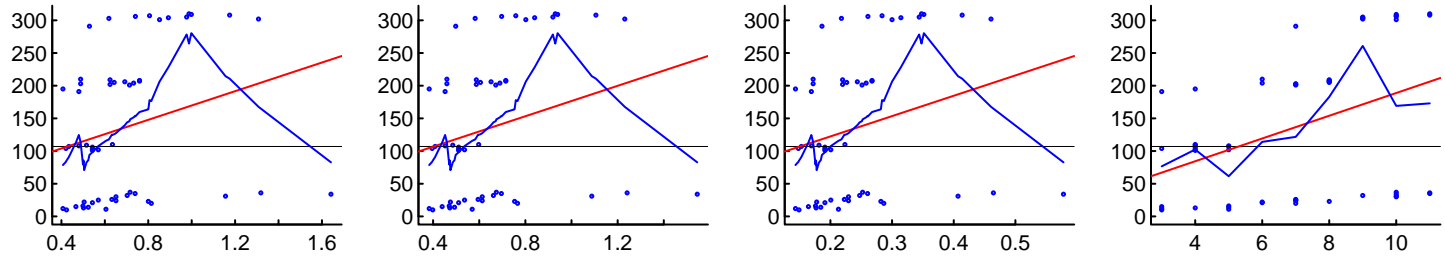
V3

For categorical covariates, P values compare that value to all other values by t test  
Red: linear regression; Blue: smoother; Black: median; r and P values: linear regression

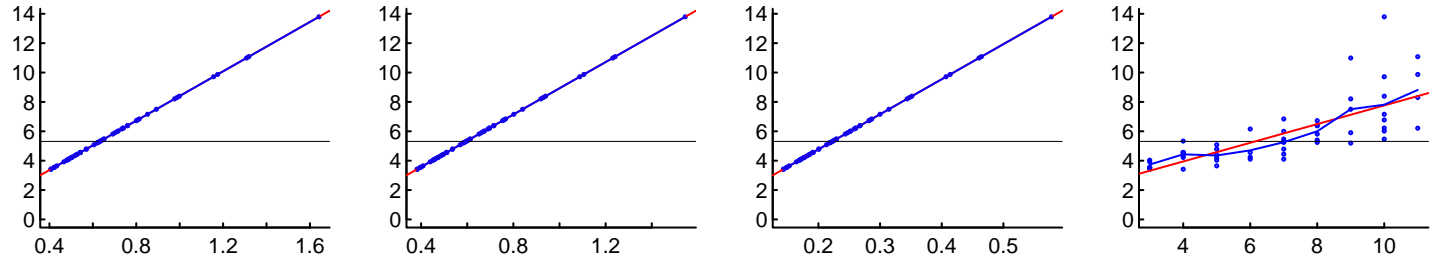
# "Control.Marsh.Simulation.txt" (6766.130)

## Post Hoc Value vs. Covariates

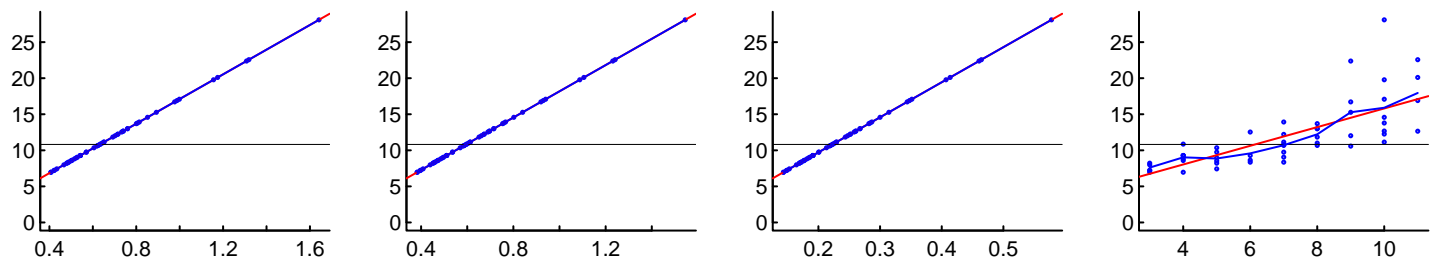
ID



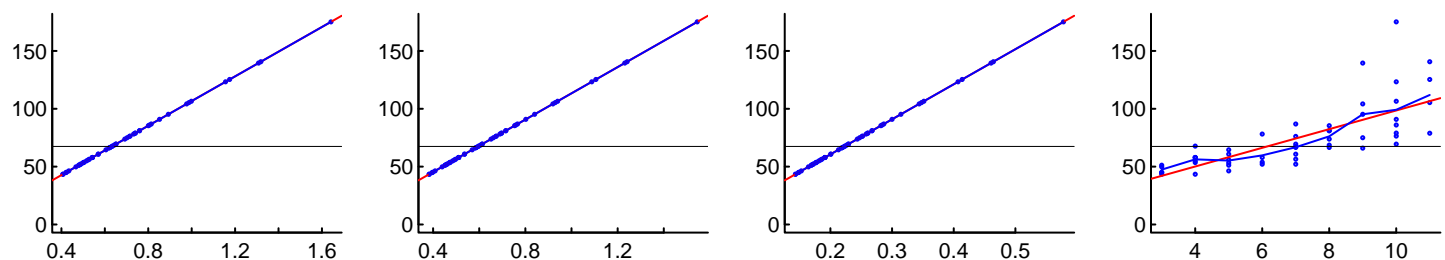
V1



V2



V3



CL1

CL2

CL3

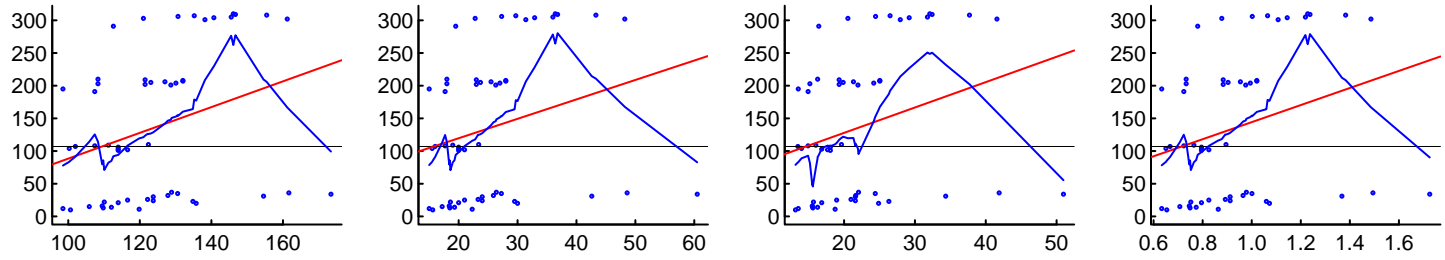
Age (years)

For categorical covariates, P values compare that value to all other values by t test  
Red: linear regression; Blue: smoother; Black: median; r and P values: linear regression

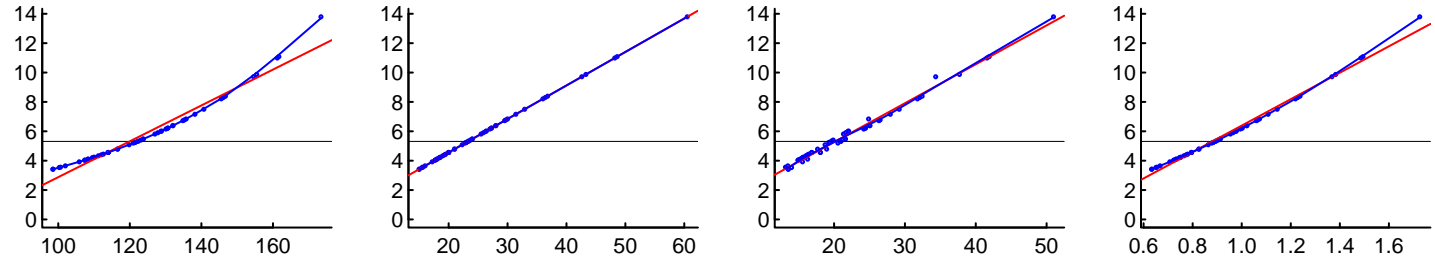
# "Control.Marsh.Simulation.txt" (6766.130)

## Post Hoc Value vs. Covariates

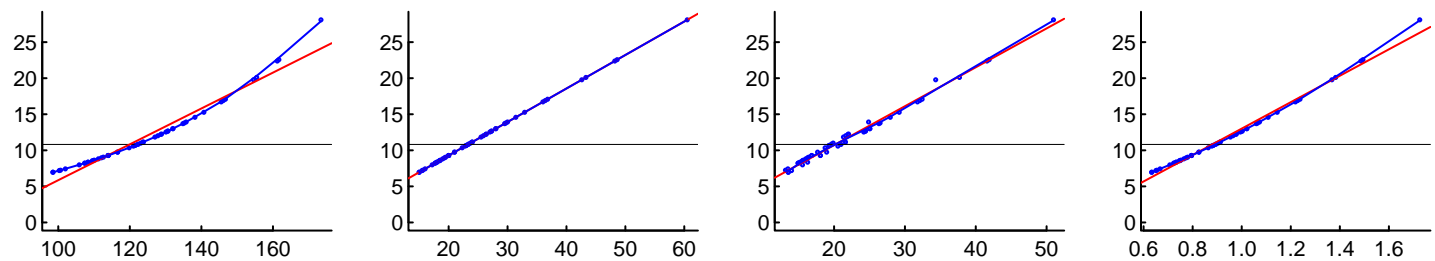
ID



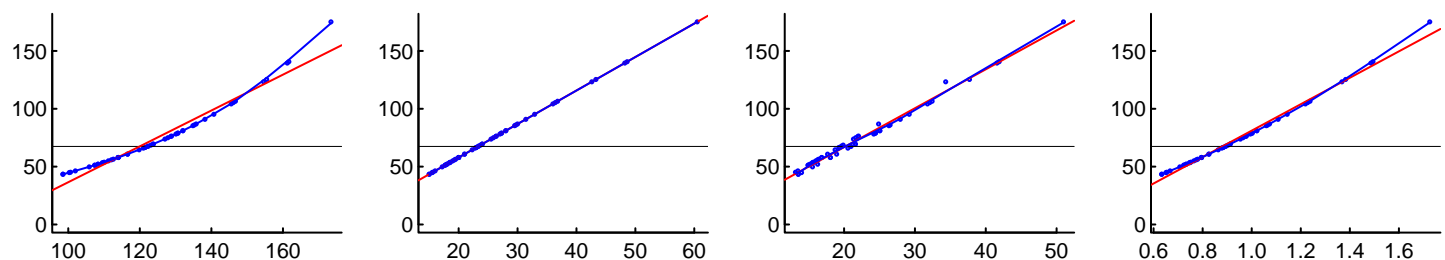
V1



V2



V3



HT

Weight

LBM

BSA

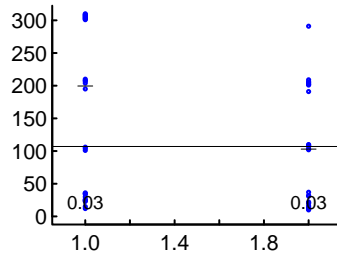
For categorical covariates, P values compare that value to all other values by t test  
Red: linear regression; Blue: smoother; Black: median; r and P values: linear regression



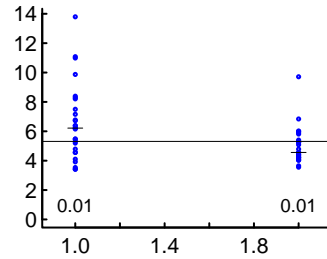
# "Control.Marsh.Simulation.txt" (6766.130) Post Hoc Value vs. Covariates

For categorical covariates, P values compare that value to all other values by t test  
Red: linear regression; Blue: smoother; Black: median; r and P values: linear regression

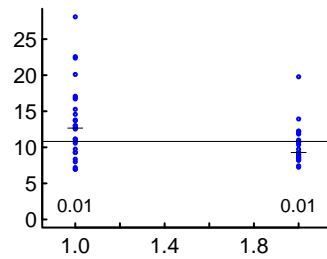
ID



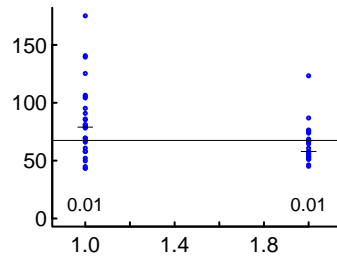
V1



V2



V3



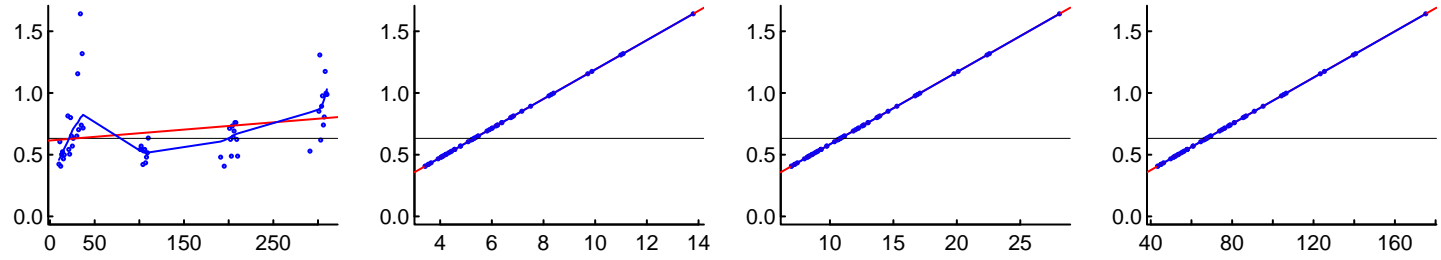
Gender (M=1; F=2)

# "Control.Marsh.Simulation.txt" (6766.130)

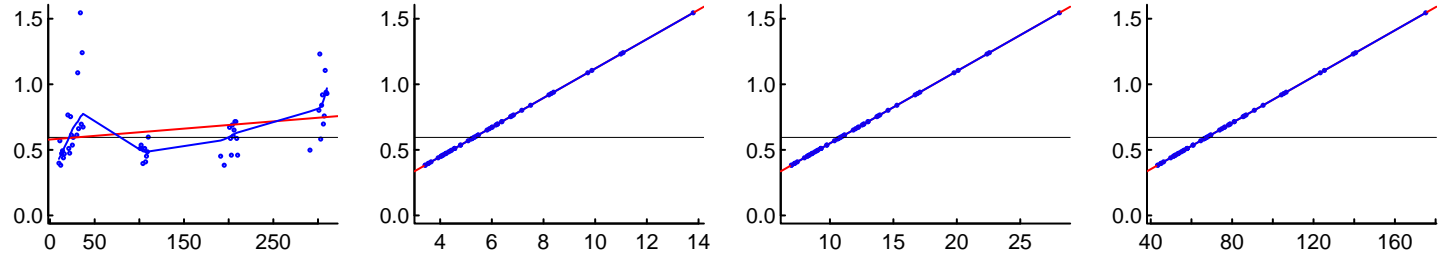
## Post Hoc Value vs. Covariates

For categorical covariates, P values compare that value to all other values by t test  
 Red: linear regression; Blue: smoother; Black: median; r and P values: linear regression

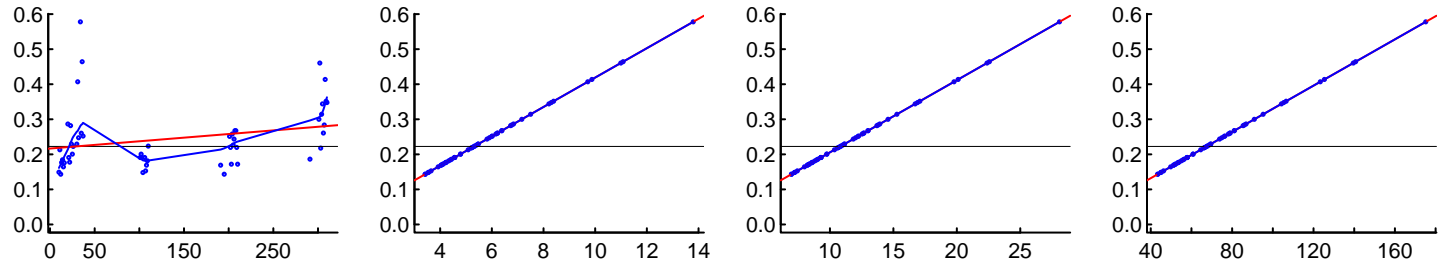
CL1



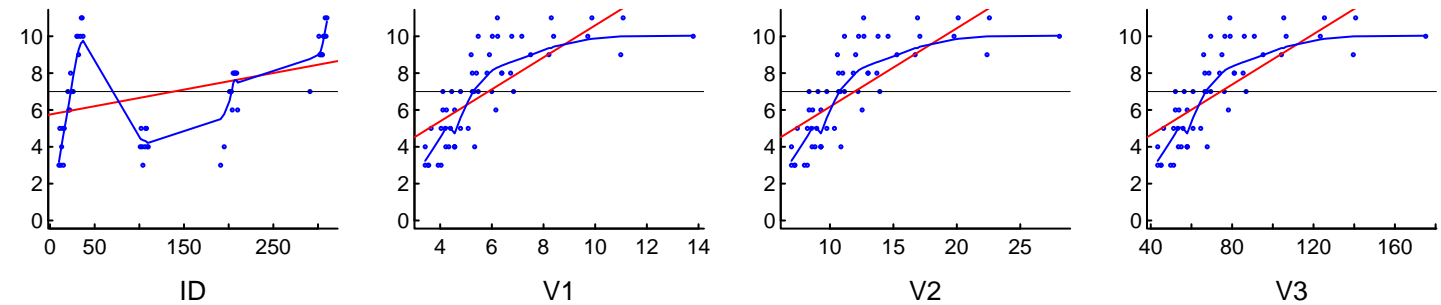
CL2



CL3



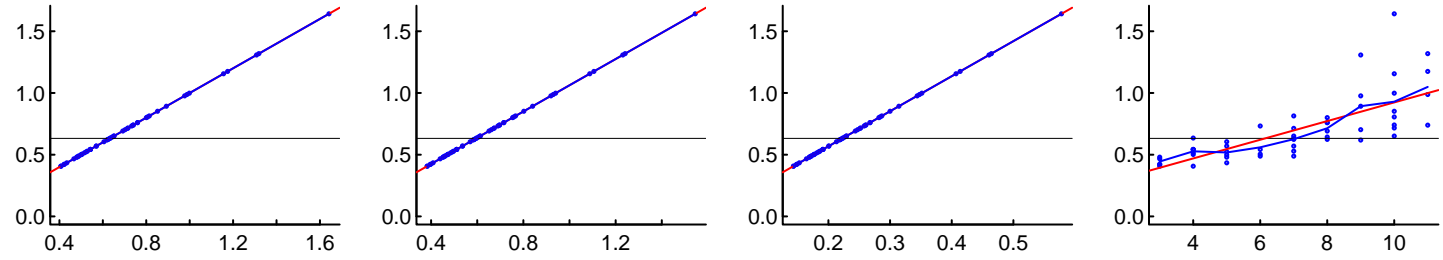
AGE



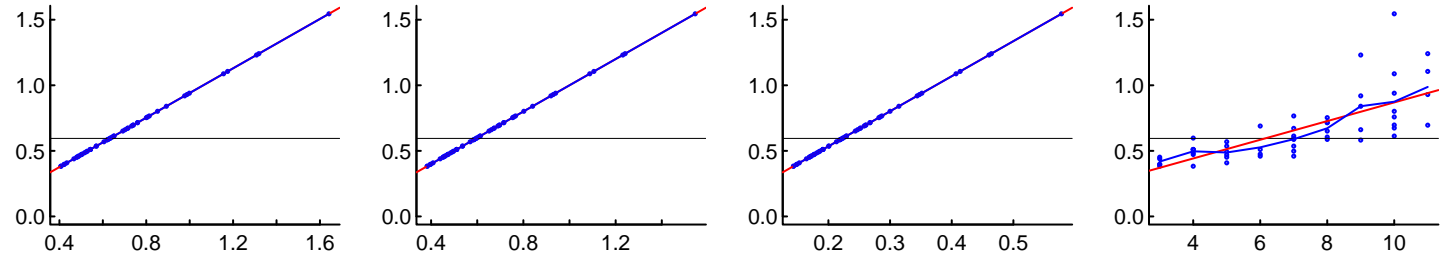
# "Control.Marsh.Simulation.txt" (6766.130) Post Hoc Value vs. Covariates

For categorical covariates, P values compare that value to all other values by t test  
Red: linear regression; Blue: smoother; Black: median; r and P values: linear regression

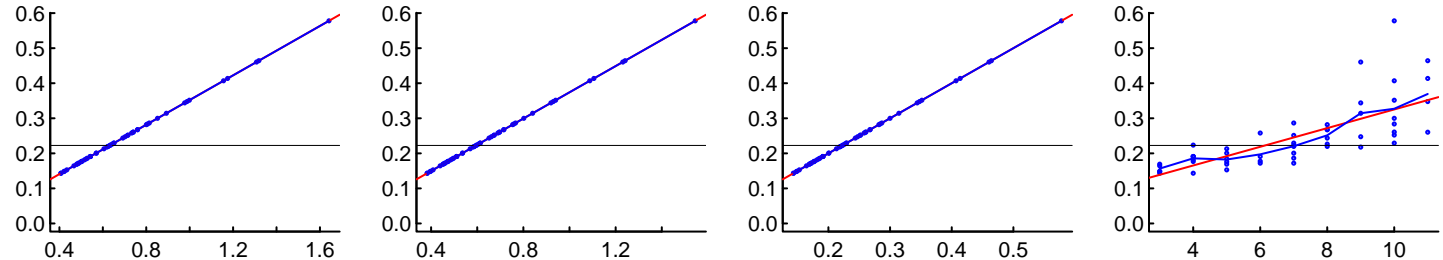
CL1



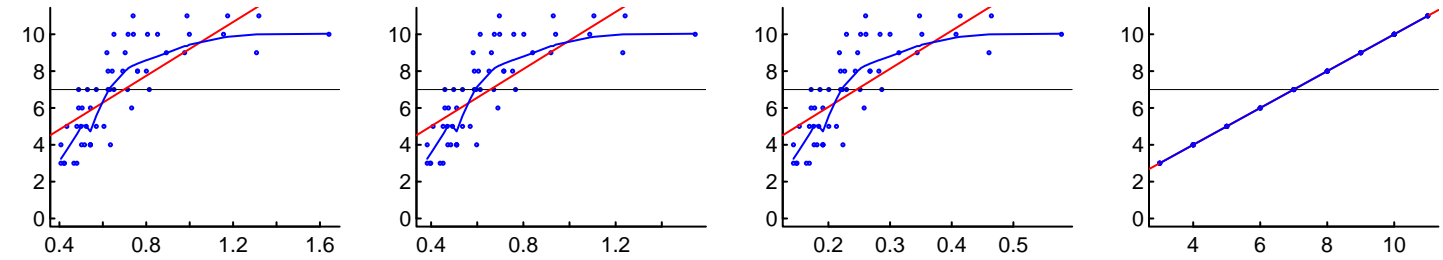
CL2



CL3



AGE



CL1

CL2

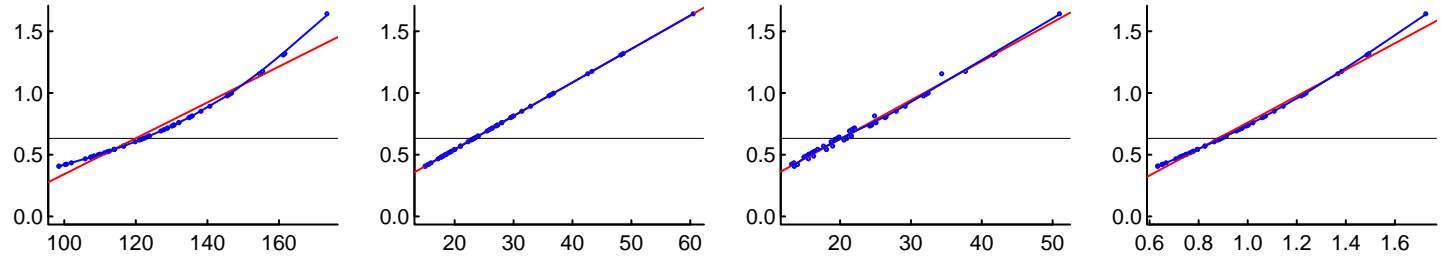
CL3

Age (years)

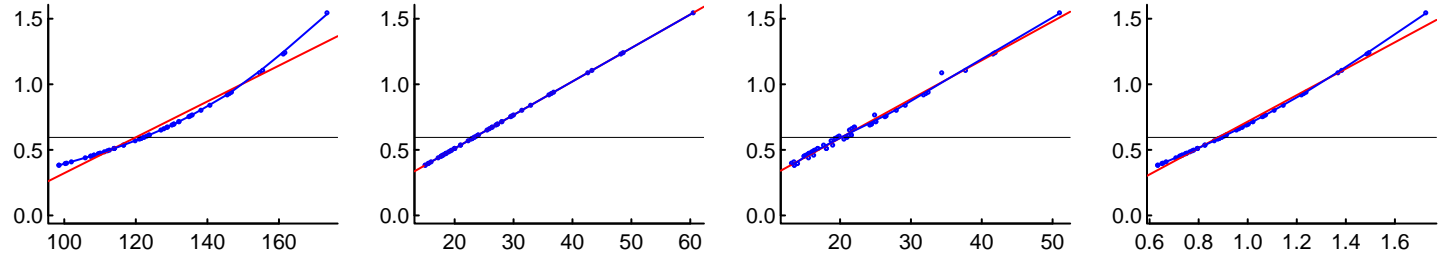
# "Control.Marsh.Simulation.txt" (6766.130) Post Hoc Value vs. Covariates

For categorical covariates, P values compare that value to all other values by t test  
Red: linear regression; Blue: smoother; Black: median; r and P values: linear regression

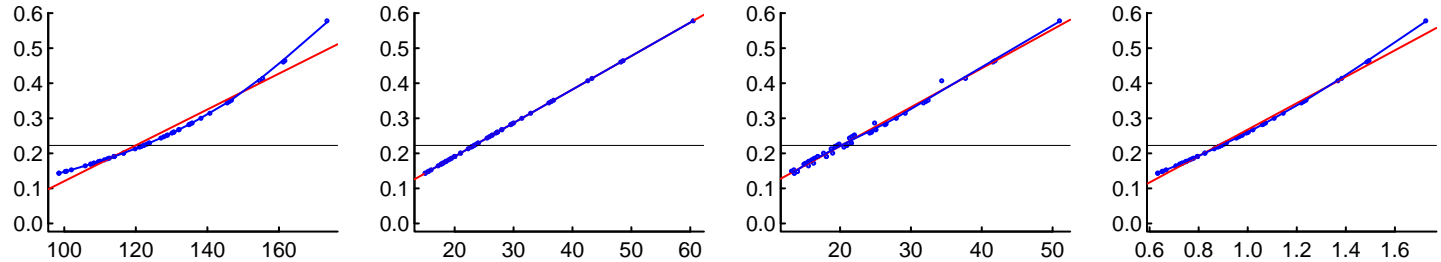
CL1



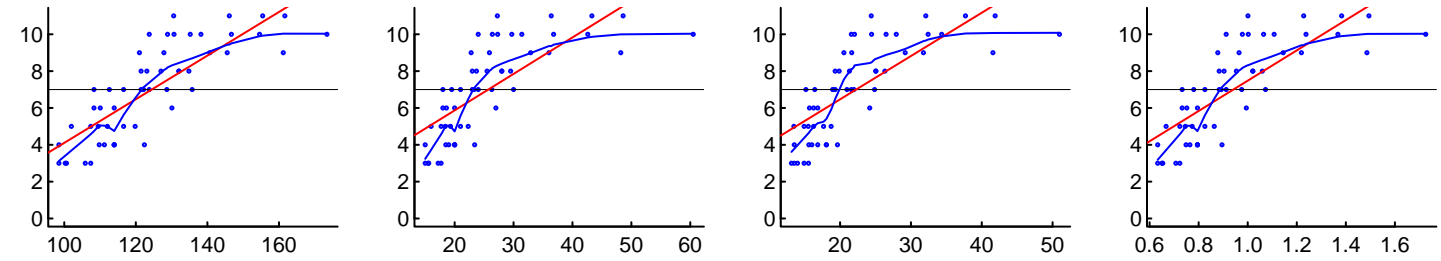
CL2



CL3



AGE



HT

Weight

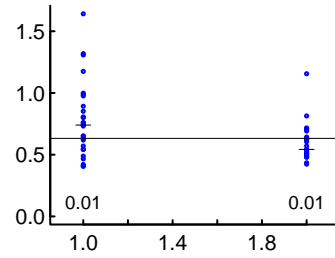
LBM

BSA

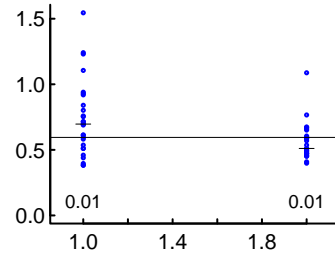
# "Control.Marsh.Simulation.txt" (6766.130) Post Hoc Value vs. Covariates

For categorical covariates, P values compare that value to all other values by t test  
Red: linear regression; Blue: smoother; Black: median; r and P values: linear regression

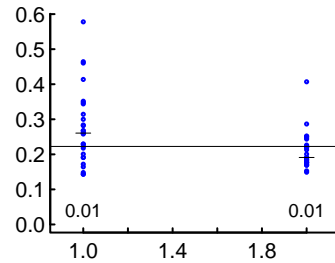
CL1



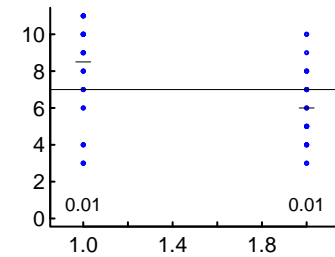
CL2



CL3



AGE



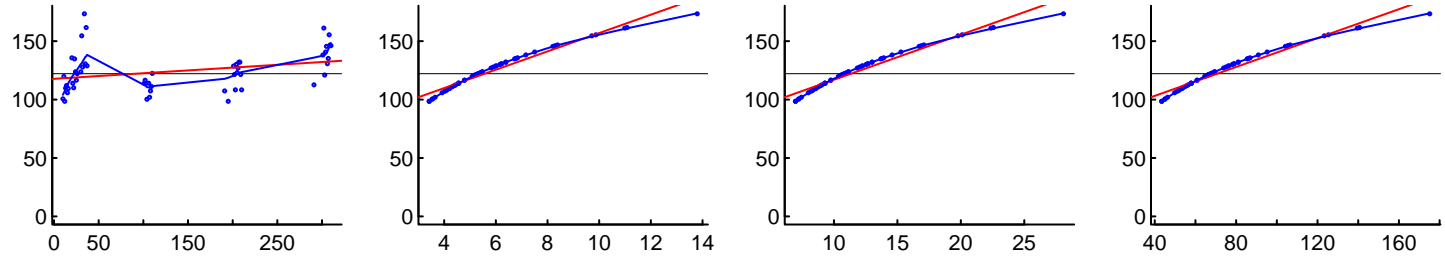
Gender (M=1; F=2)

# "Control.Marsh.Simulation.txt" (6766.130)

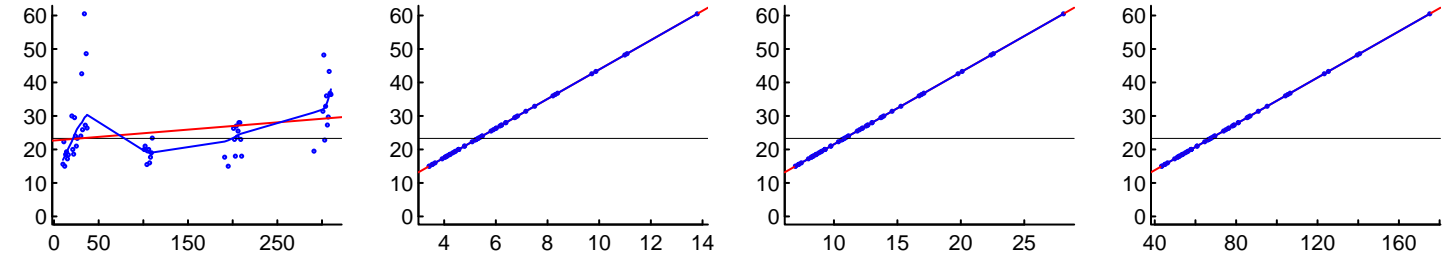
## Post Hoc Value vs. Covariates

For categorical covariates, P values compare that value to all other values by t test  
 Red: linear regression; Blue: smoother; Black: median; r and P values: linear regression

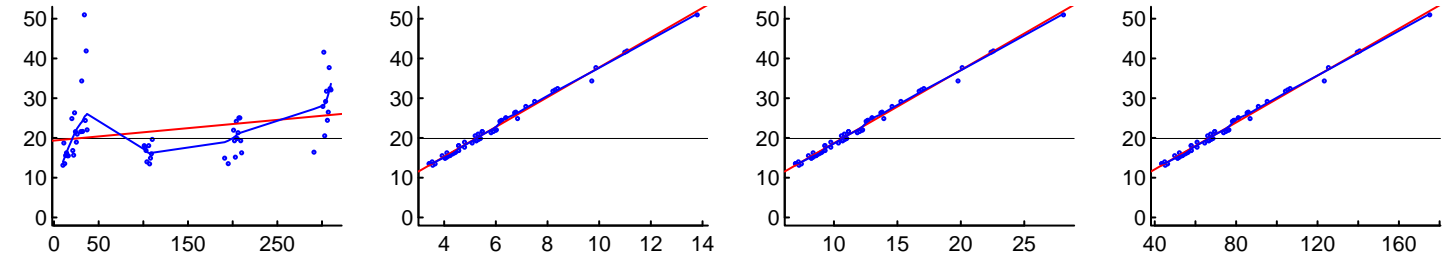
HT



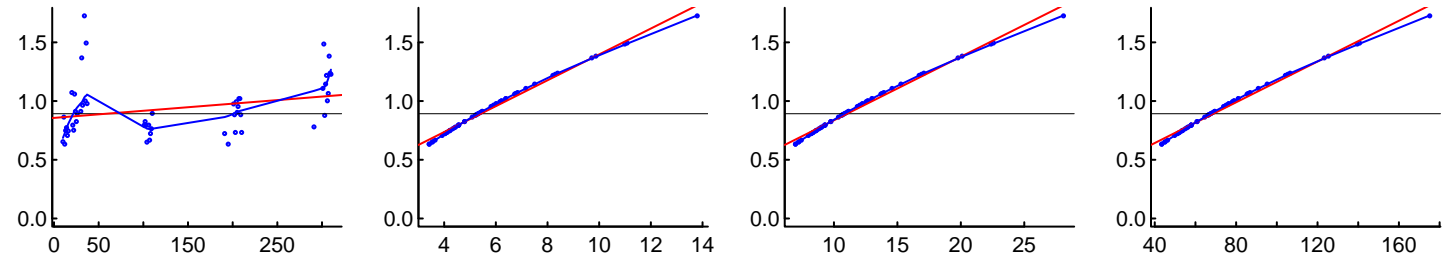
WT



LBM



BSA

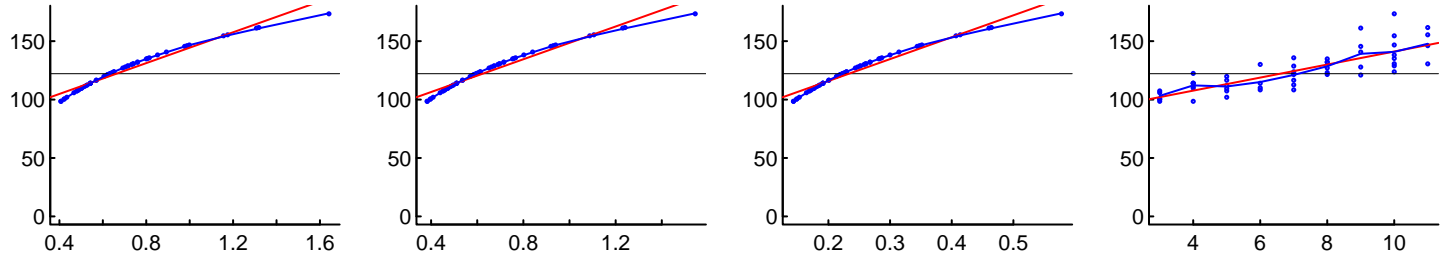


# "Control.Marsh.Simulation.txt" (6766.130)

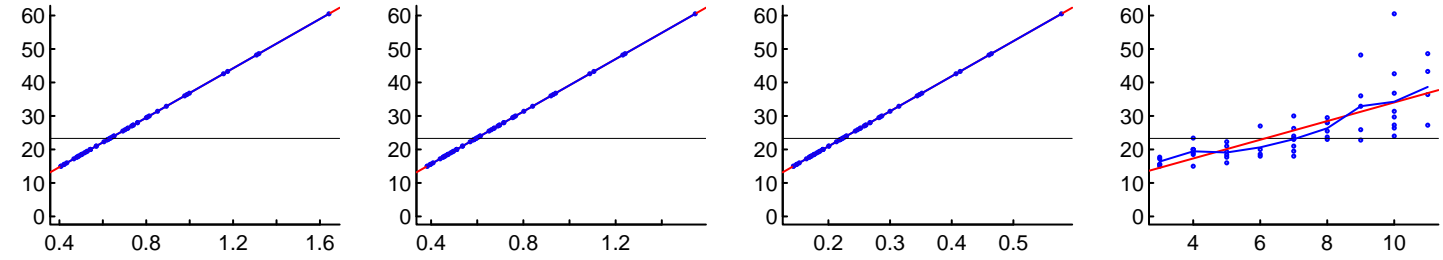
## Post Hoc Value vs. Covariates

For categorical covariates, P values compare that value to all other values by t test  
 Red: linear regression; Blue: smoother; Black: median; r and P values: linear regression

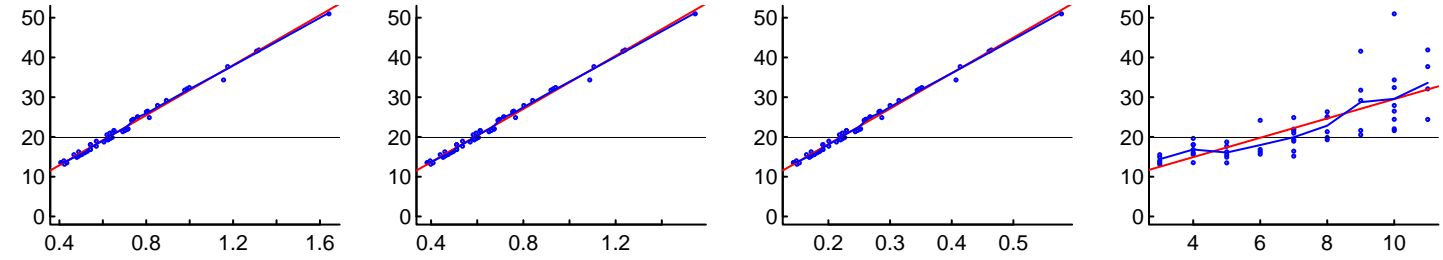
HT



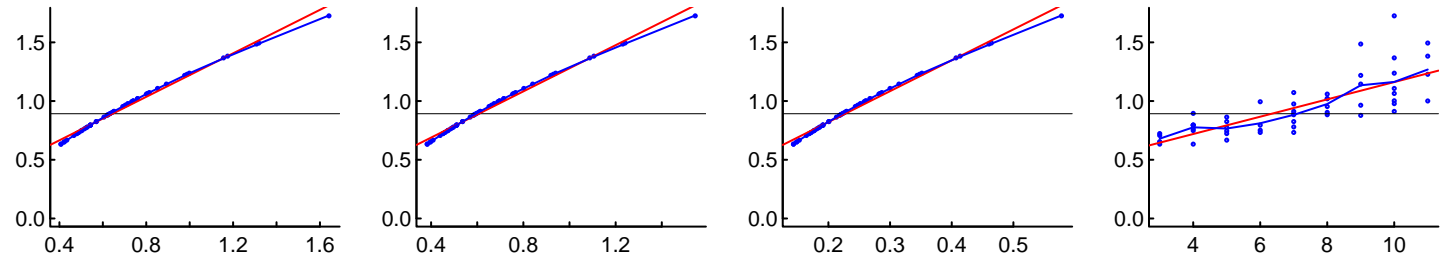
WT



LBM



BSA



CL1

CL2

CL3

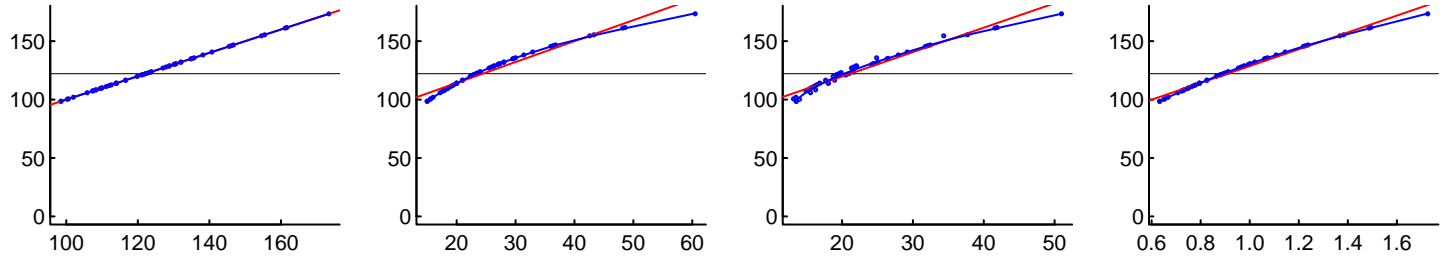
Age (years)

# "Control.Marsh.Simulation.txt" (6766.130)

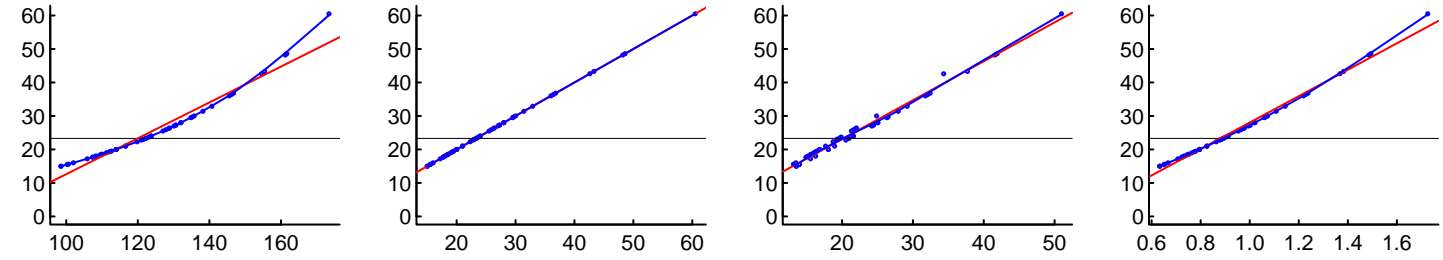
## Post Hoc Value vs. Covariates

For categorical covariates, P values compare that value to all other values by t test  
 Red: linear regression; Blue: smoother; Black: median; r and P values: linear regression

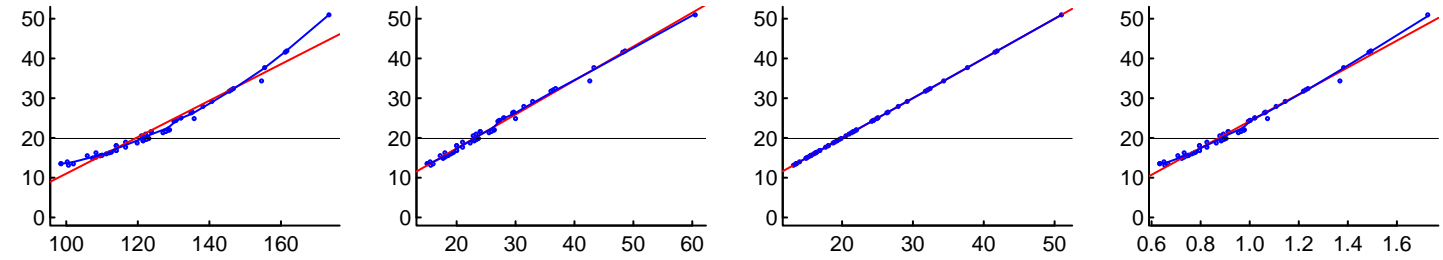
HT



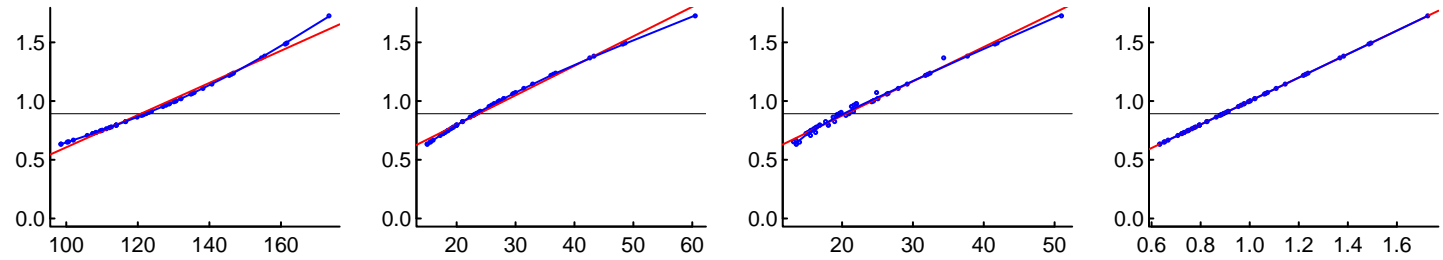
WT



LBM



BSA



HT

Weight

LBM

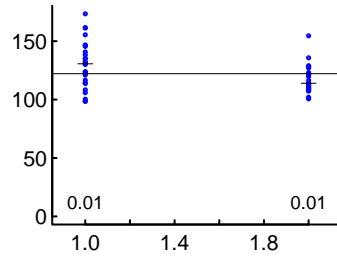
BSA



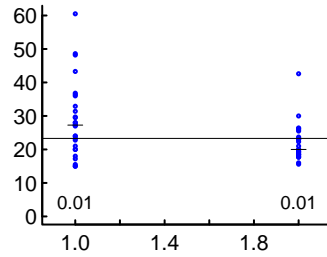
# "Control.Marsh.Simulation.txt" (6766.130) Post Hoc Value vs. Covariates

For categorical covariates, P values compare that value to all other values by t test  
Red: linear regression; Blue: smoother; Black: median; r and P values: linear regression

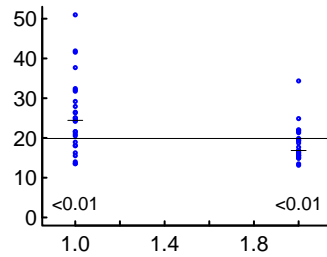
HT



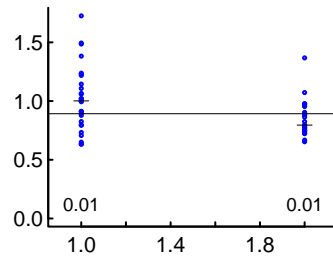
WT



LBM



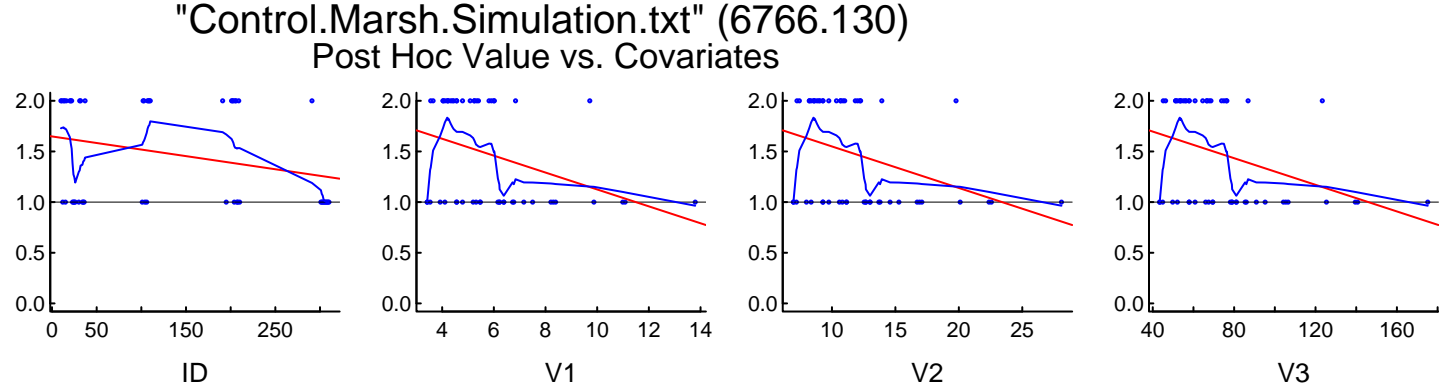
BSA



Gender (M=1; F=2)

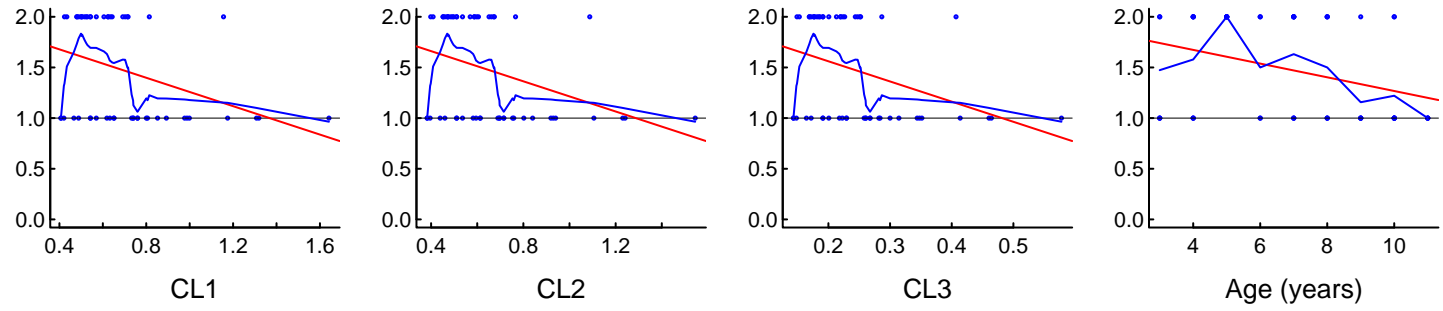
For categorical covariates, P values compare that value to all other values by t test  
Red: linear regression; Blue: smoother; Black: median; r and P values: linear regression

M1F2



# "Control.Marsh.Simulation.txt" (6766.130) Post Hoc Value vs. Covariates

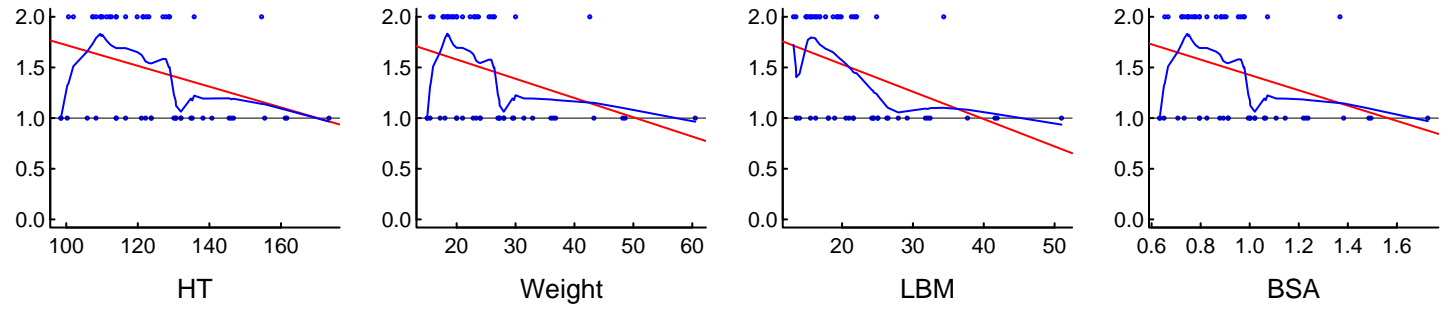
M1F2



For categorical covariates, P values compare that value to all other values by t test  
Red: linear regression; Blue: smoother; Black: median; r and P values: linear regression

# "Control.Marsh.Simulation.txt" (6766.130) Post Hoc Value vs. Covariates

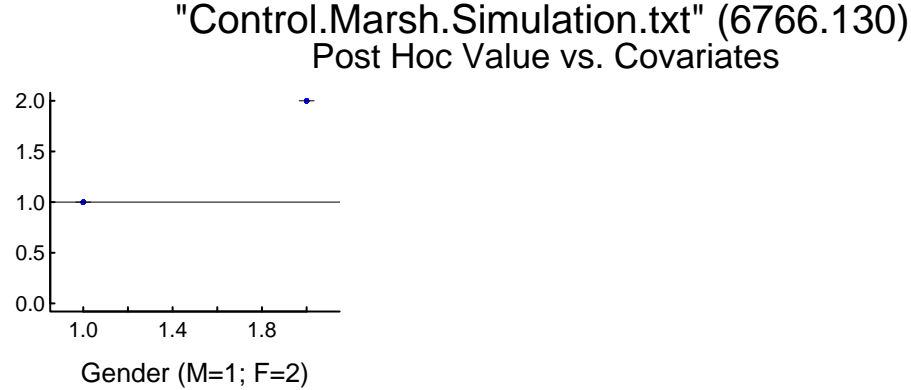
M1F2



For categorical covariates, P values compare that value to all other values by t test  
Red: linear regression; Blue: smoother; Black: median; r and P values: linear regression

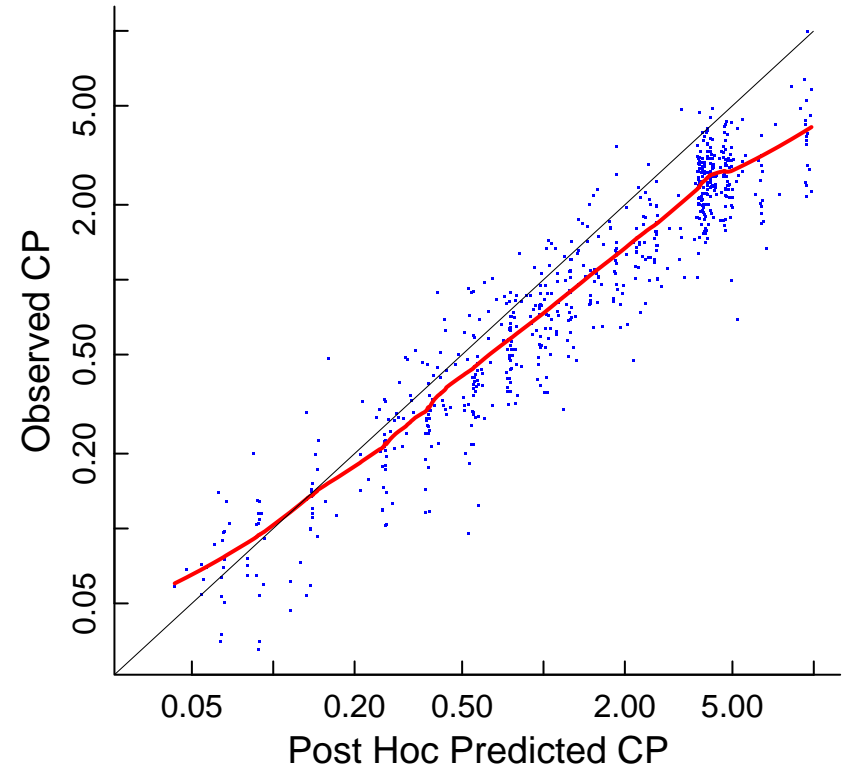
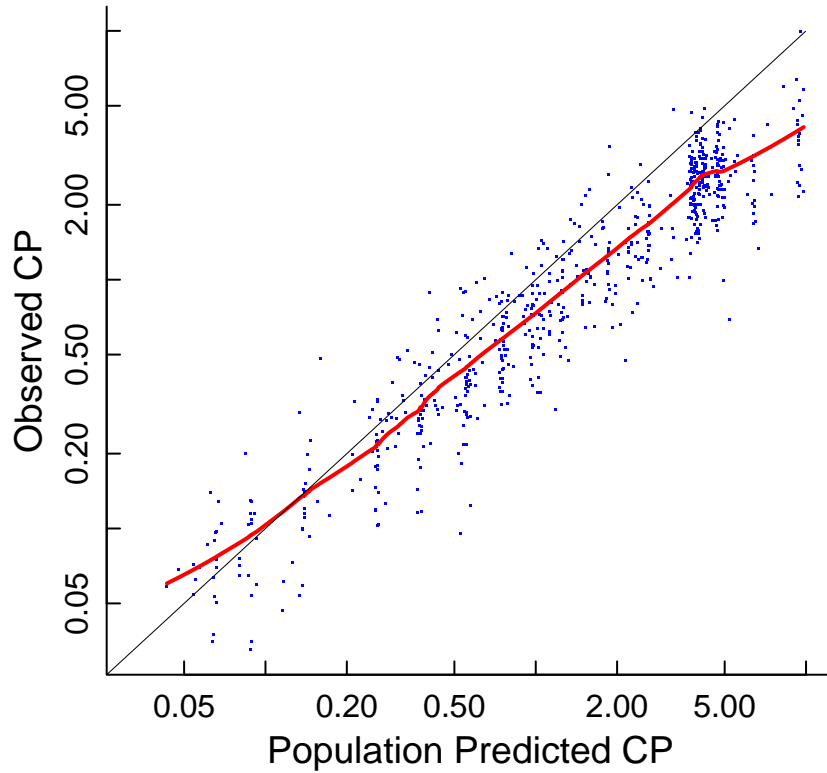
For categorical covariates, P values compare that value to all other values by t test  
Red: linear regression; Blue: smoother; Black: median; r and P values: linear regression

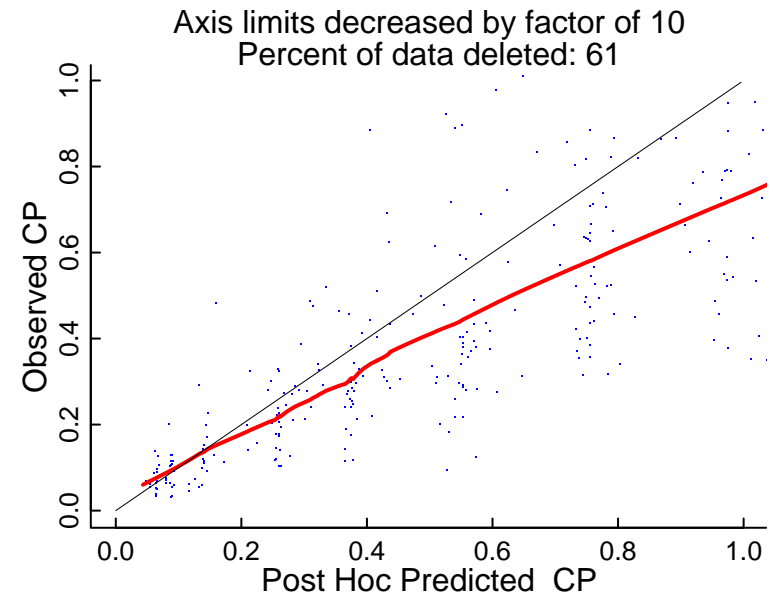
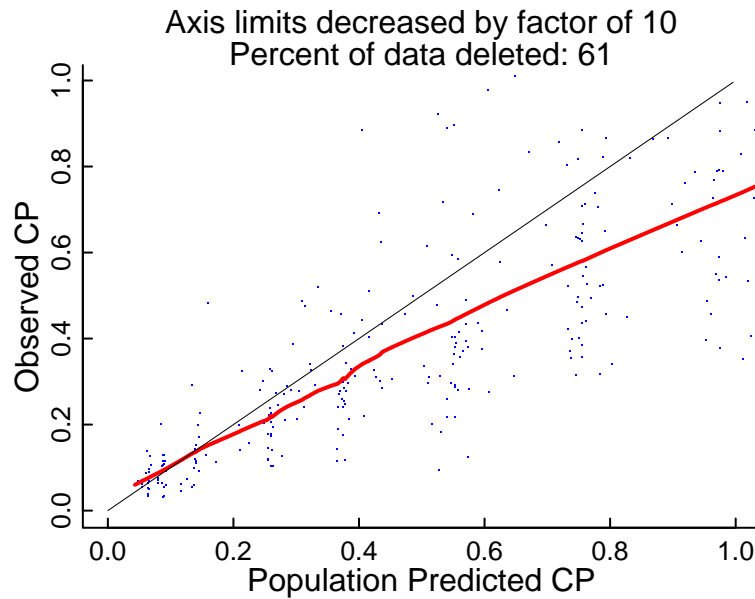
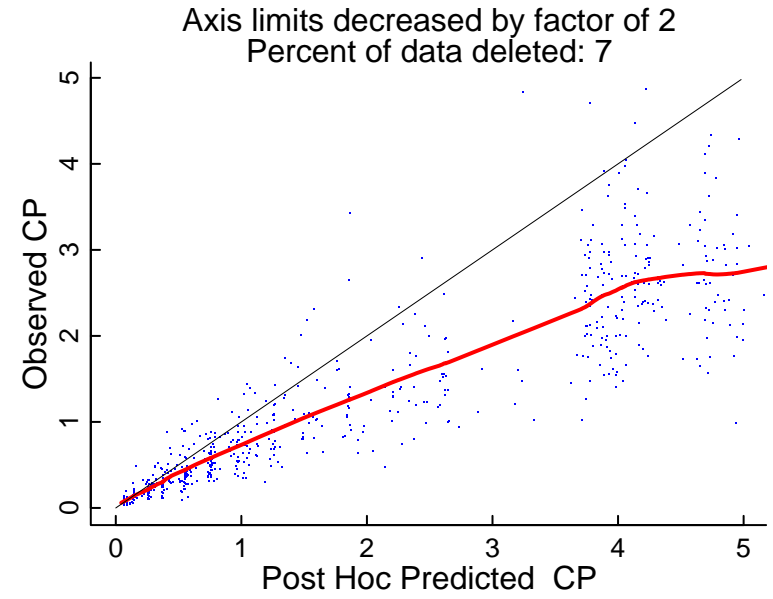
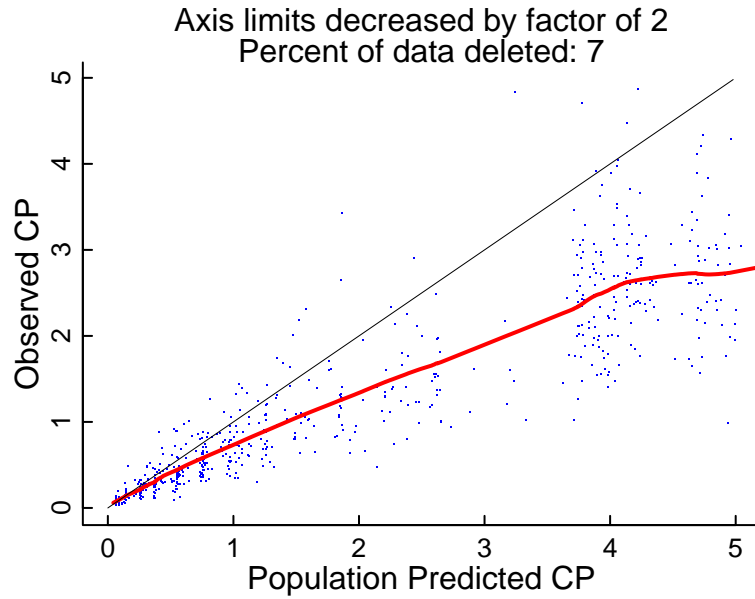
M1F2



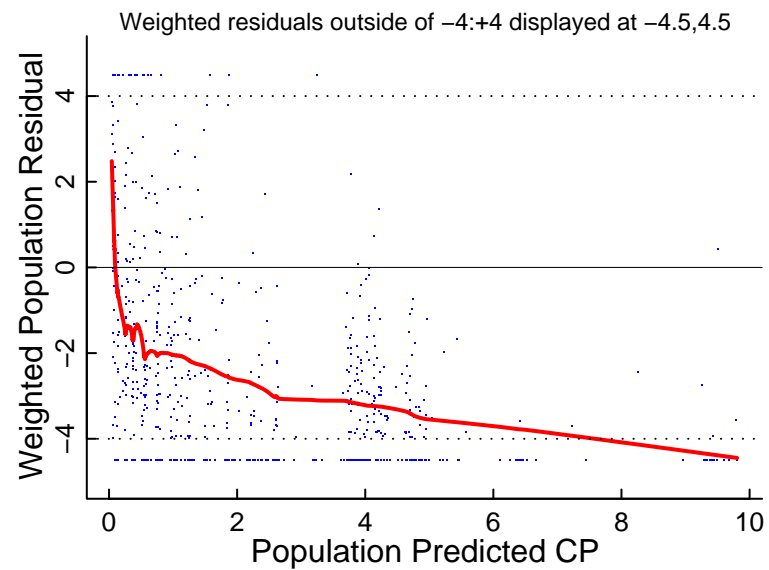
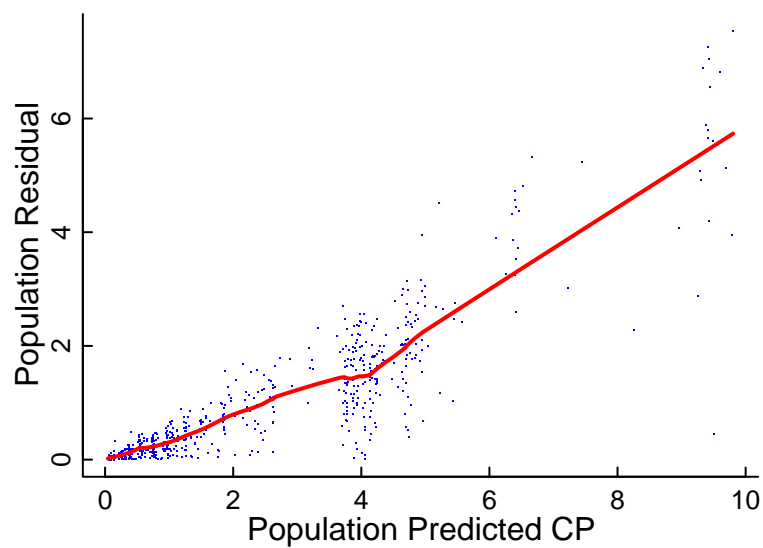
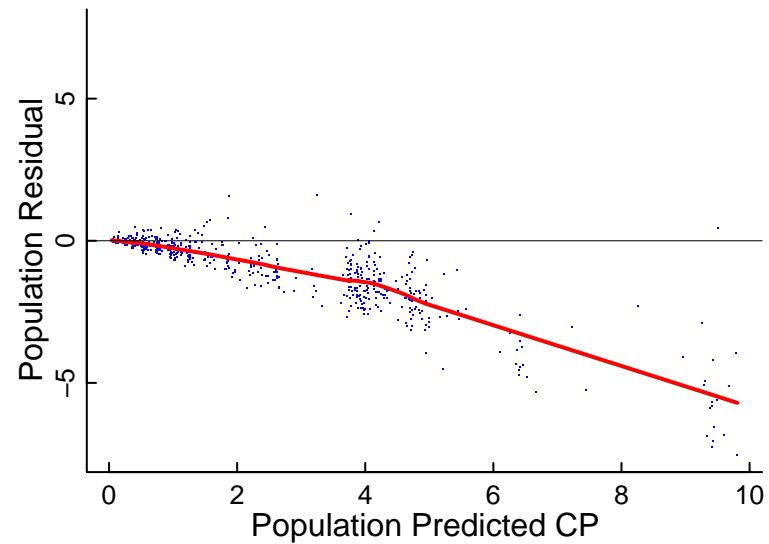
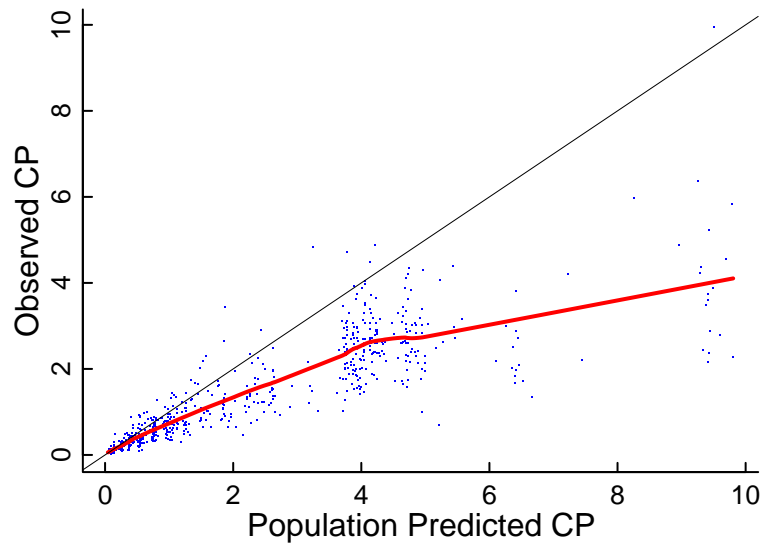
Goodness of fit

Black: line of unity; Red: smoother





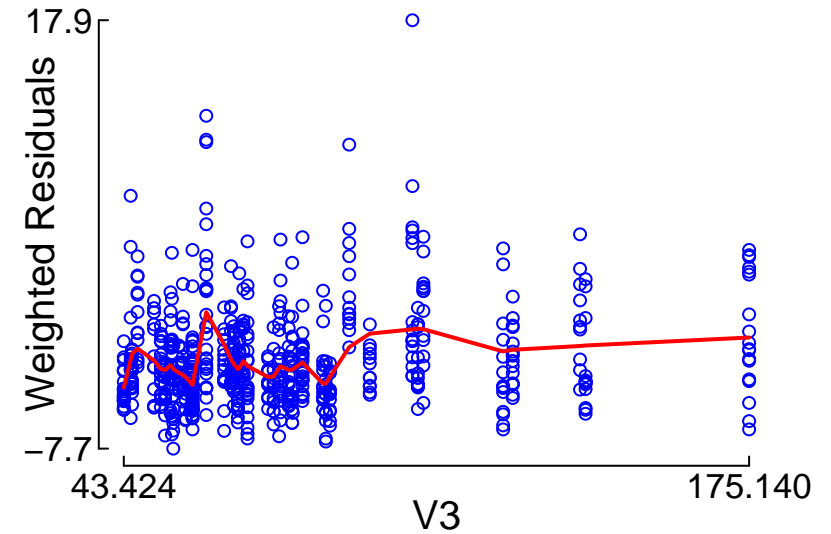
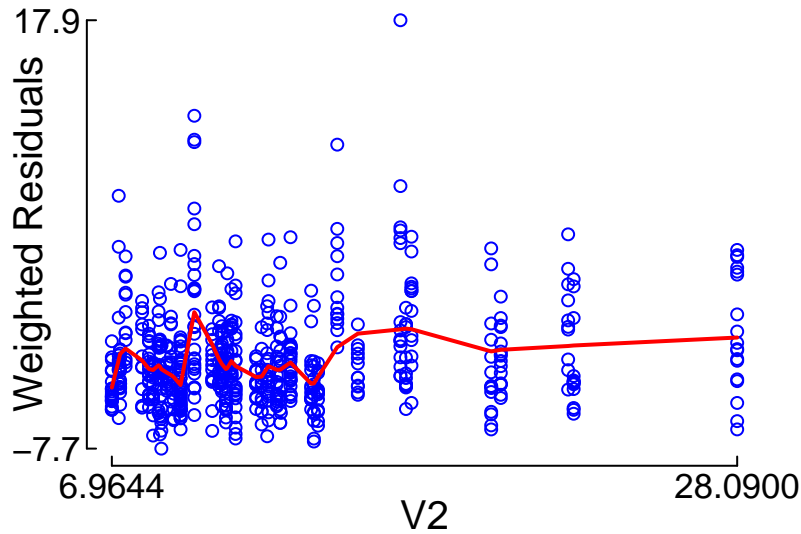
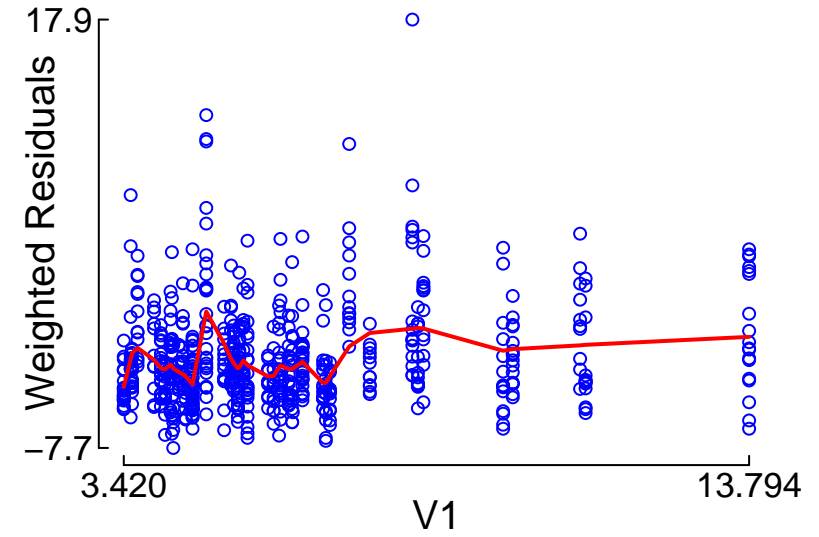
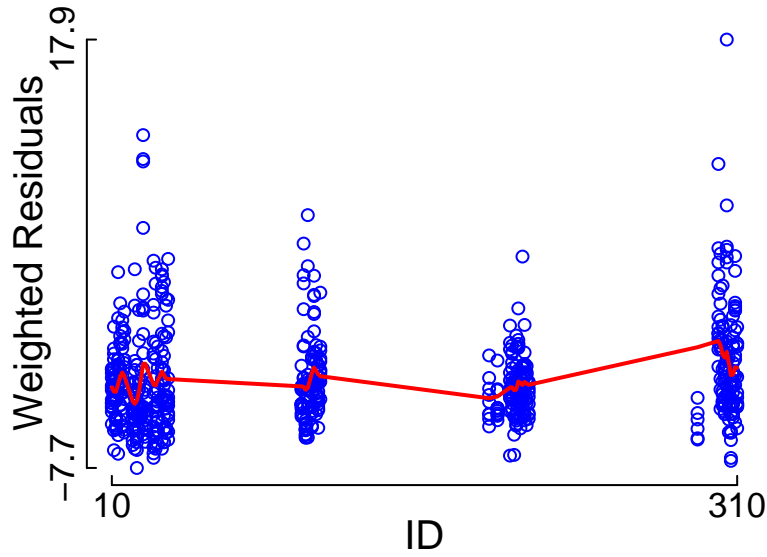
Black: line of unity; Red: smoother



Red: smoother

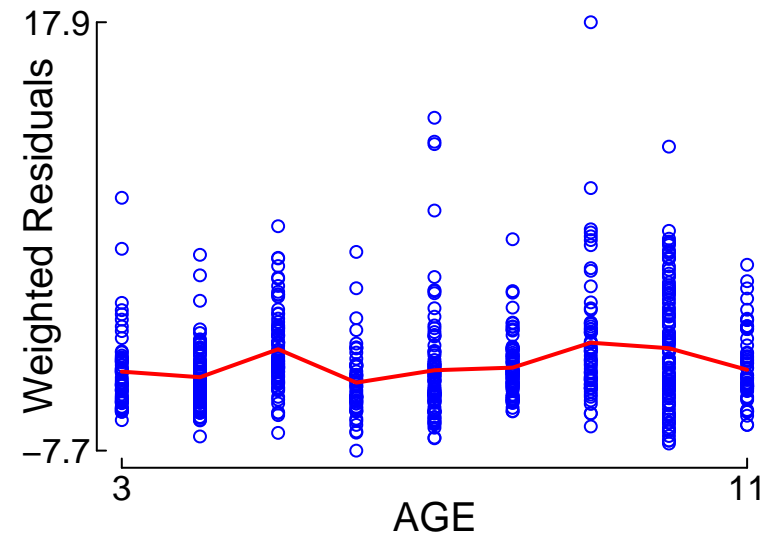
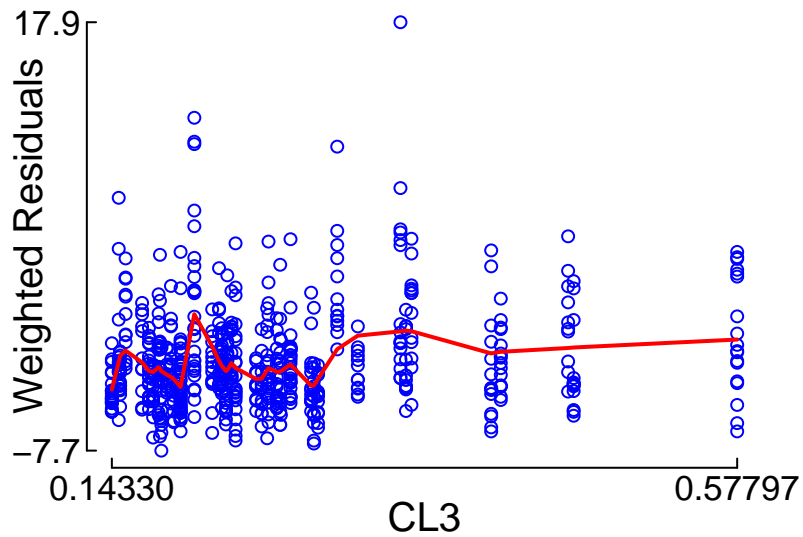
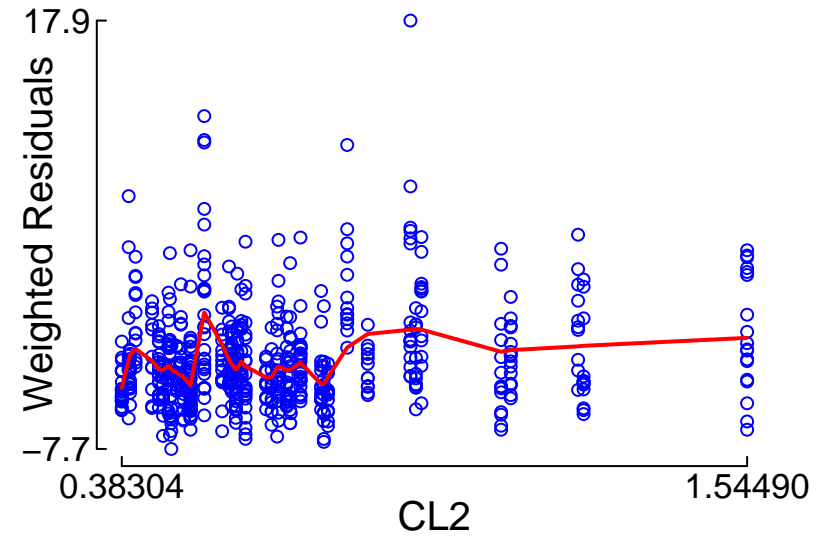
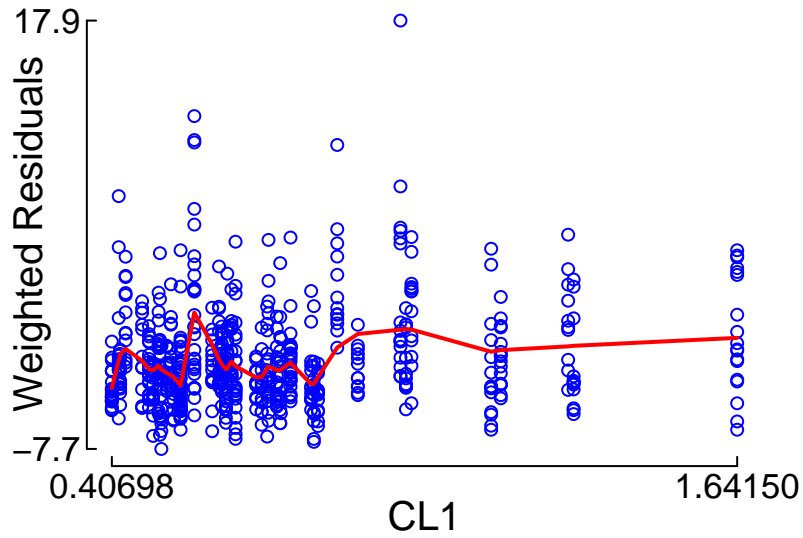


# "Control.Marsh.Simulation.txt" (6766.130) vs. Weighted Residuals



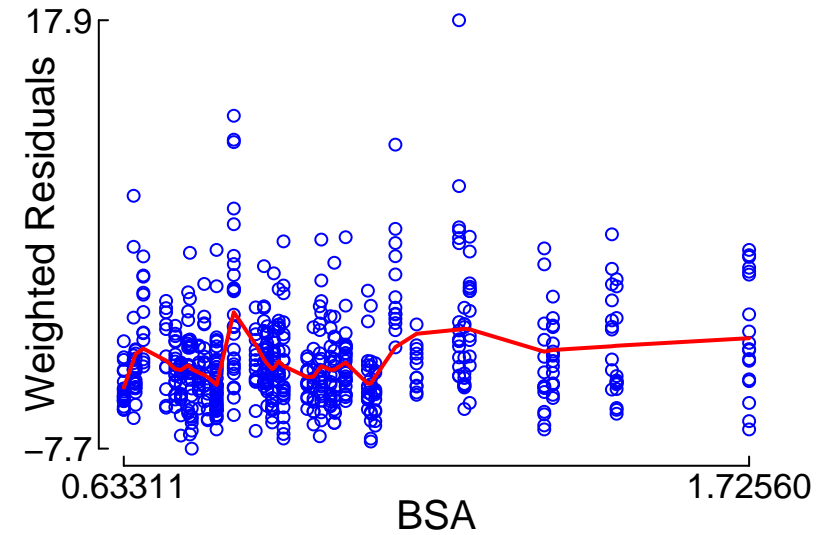
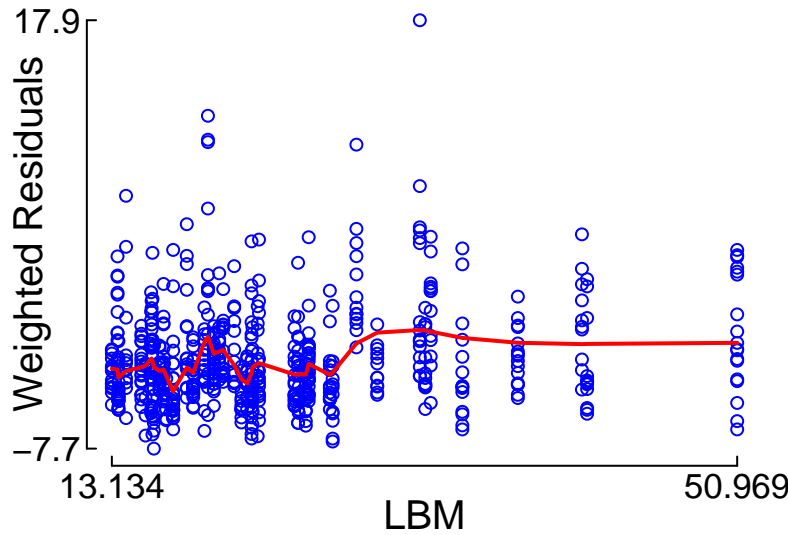
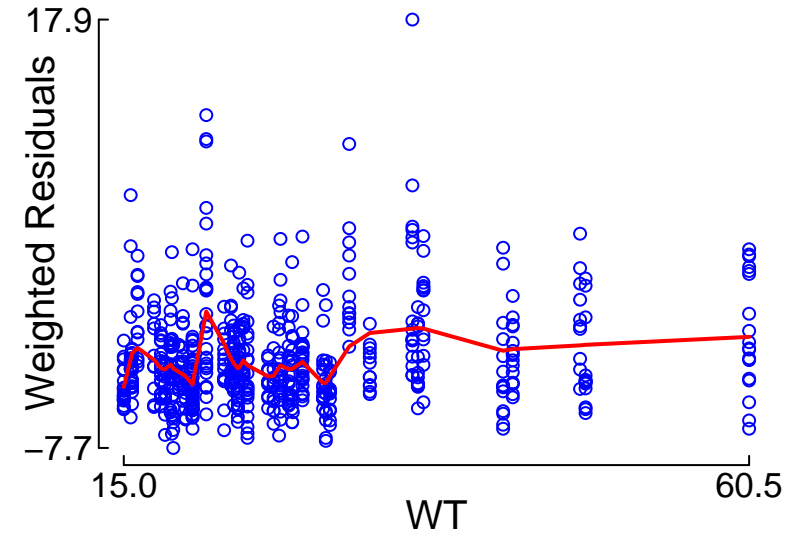
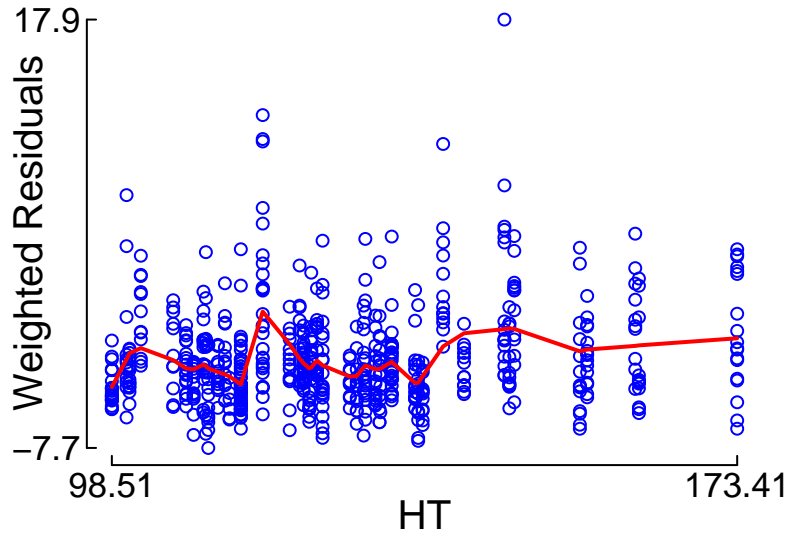
Red: smoother

# "Control.Marsh.Simulation.txt" (6766.130) vs. Weighted Residuals



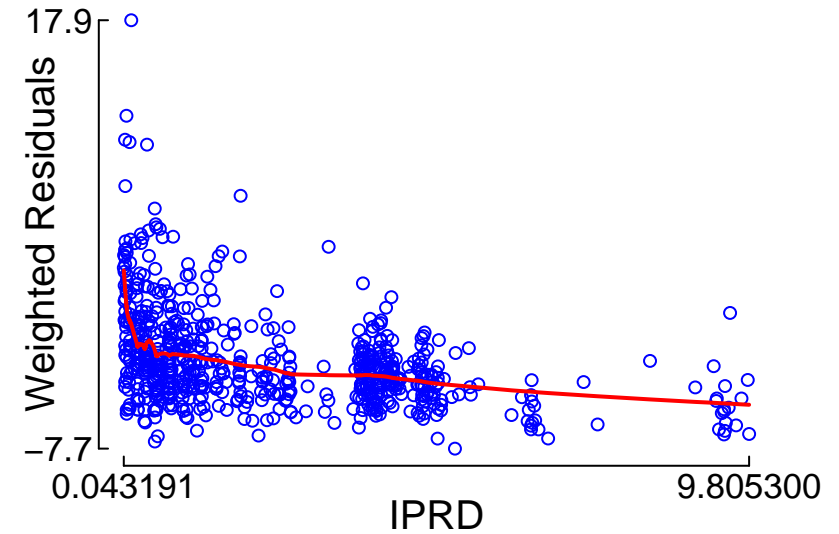
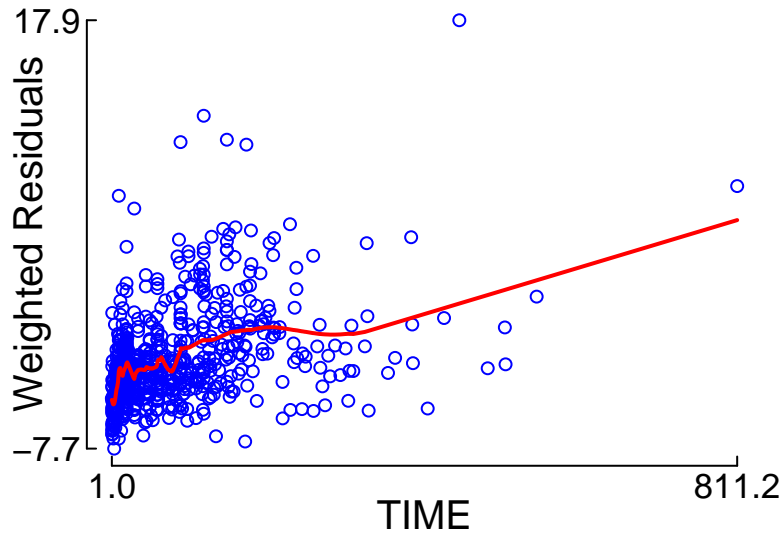
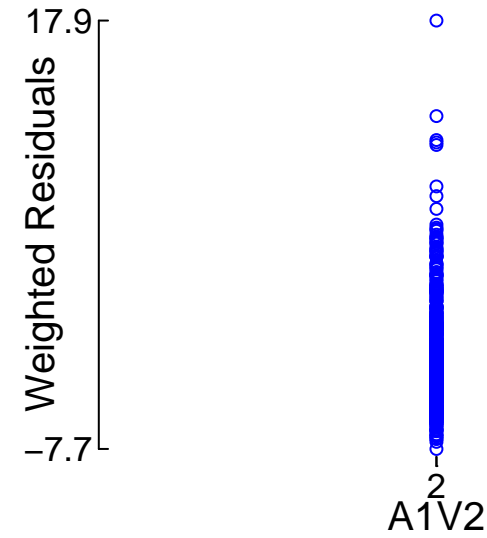
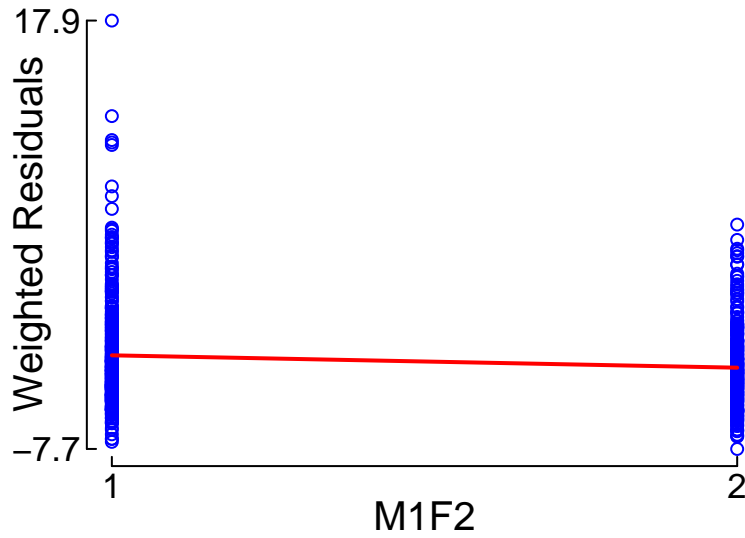
Red: smoother

# "Control.Marsh.Simulation.txt" (6766.130) vs. Weighted Residuals



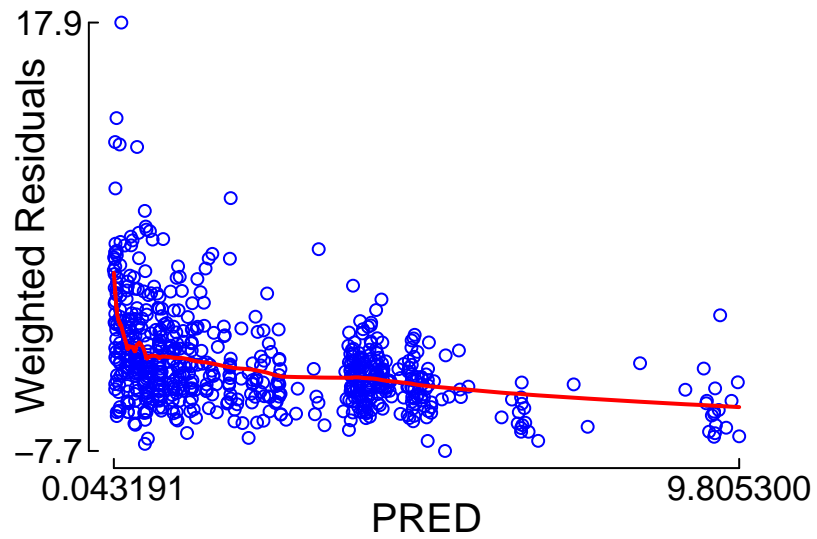
Red: smoother

# "Control.Marsh.Simulation.txt" (6766.130) vs. Weighted Residuals



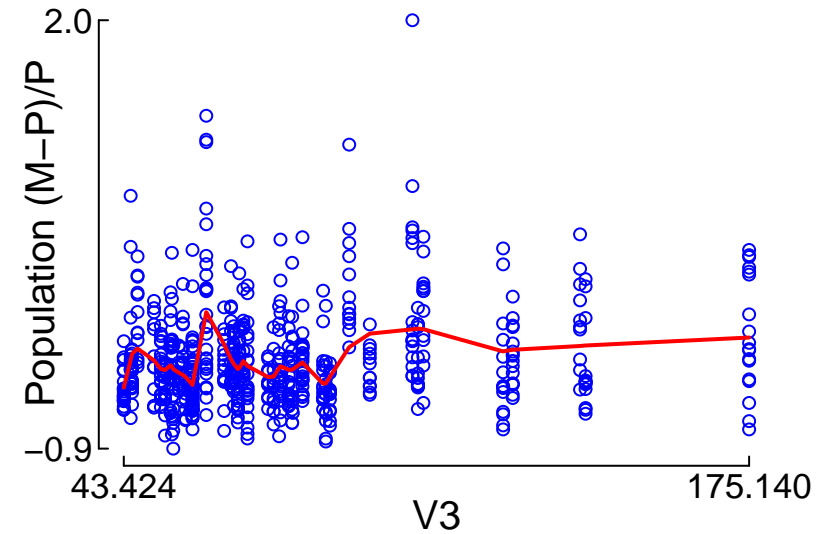
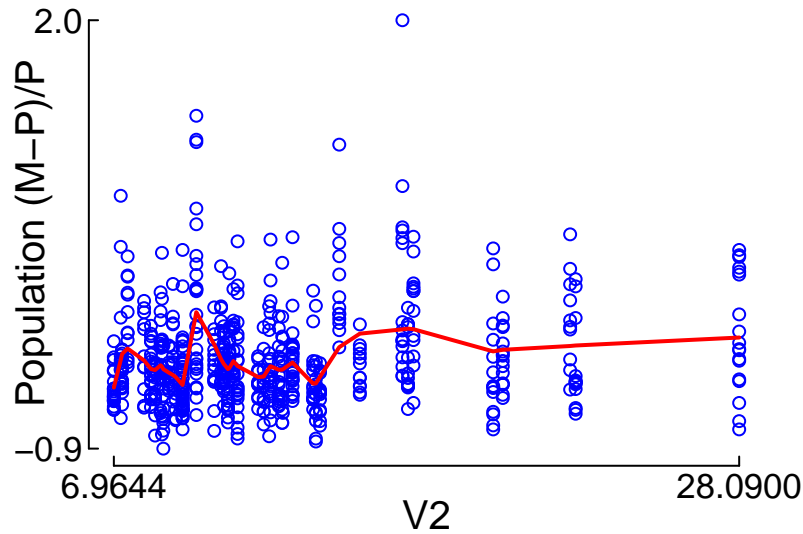
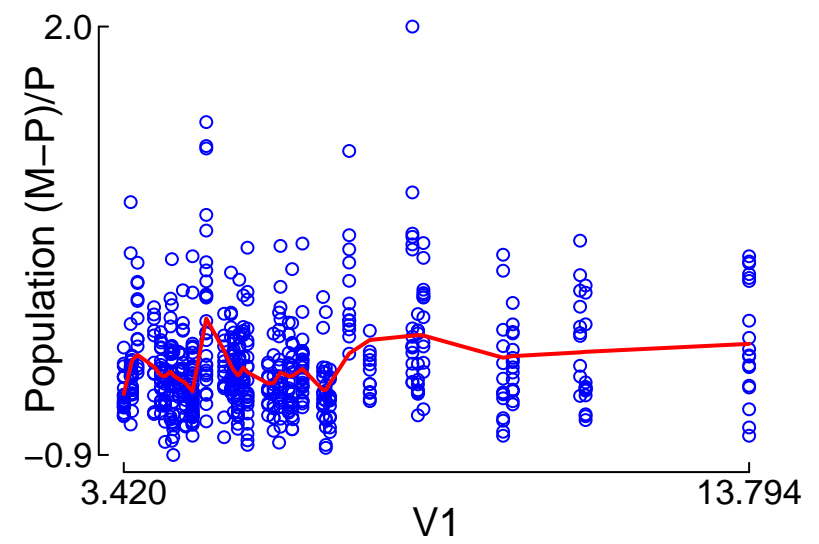
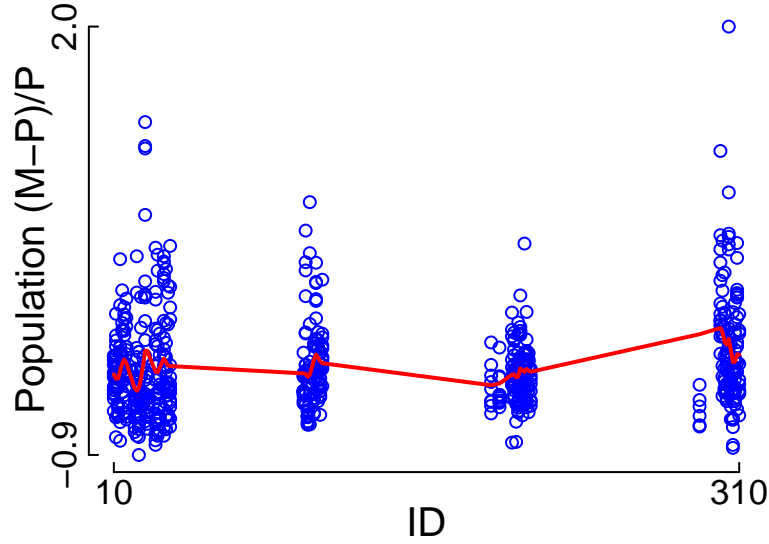
Red: smoother

"Control.Marsh.Simulation.txt" (6766.130)  
vs. Weighted Residuals



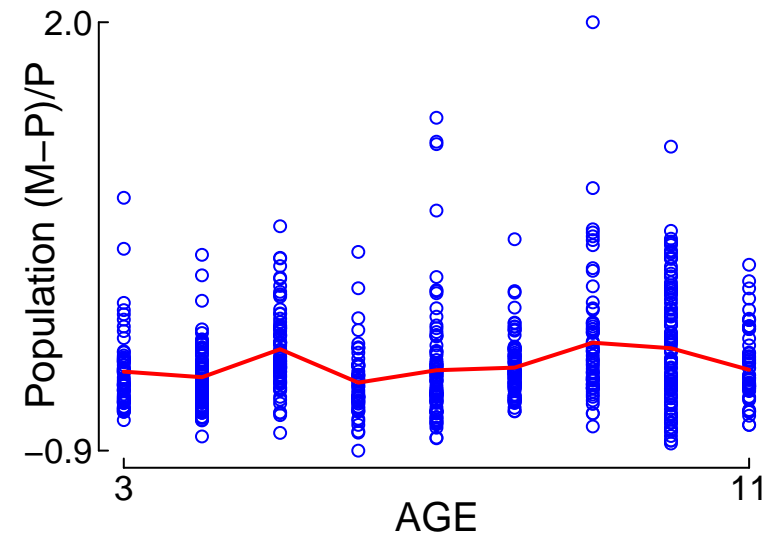
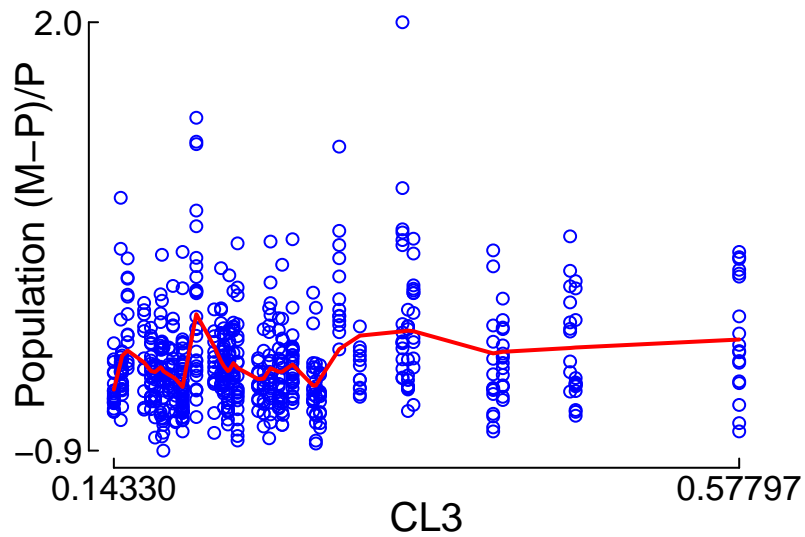
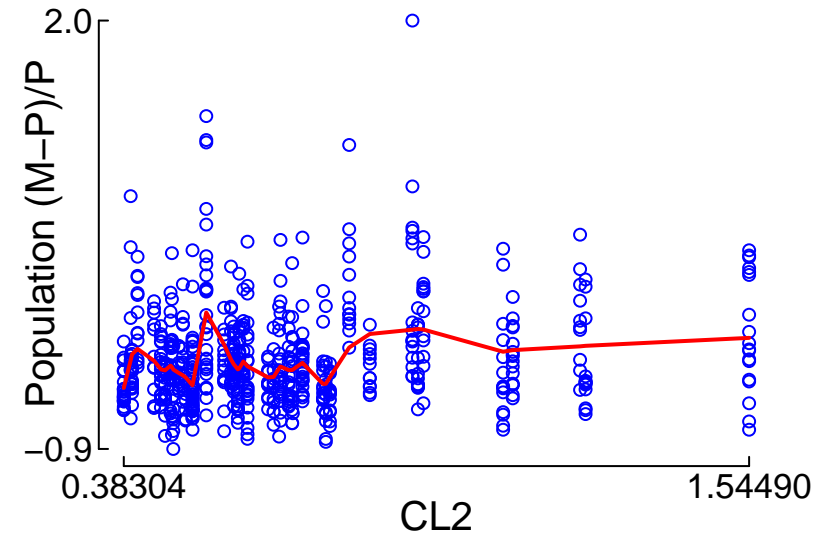
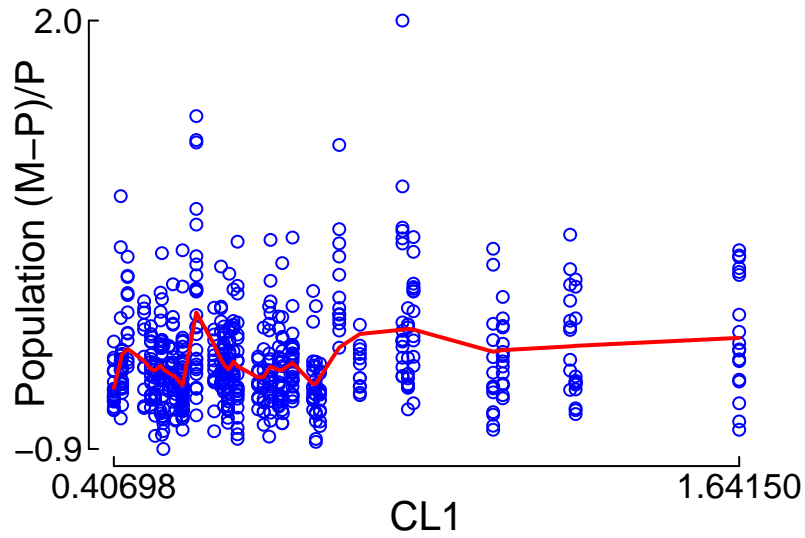
Red: smoother

"Control.Marsh.Simulation.txt" (6766.130)  
vs. Population (M-P)/P



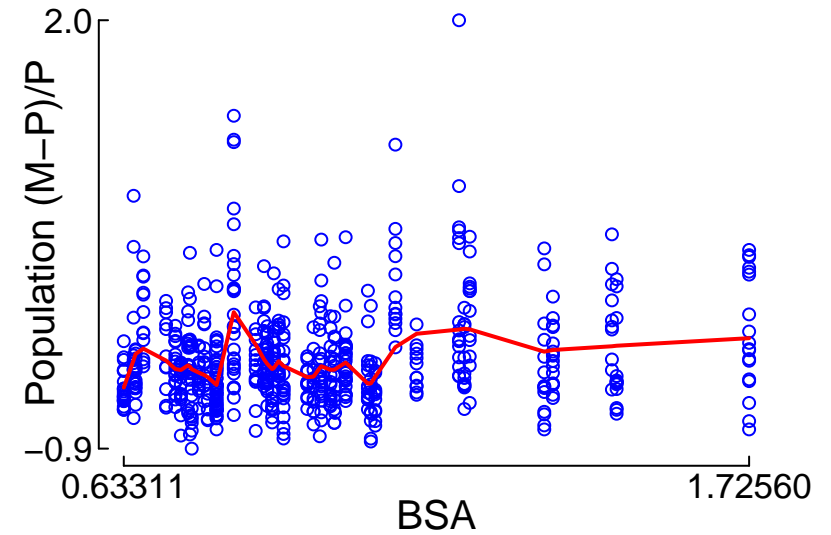
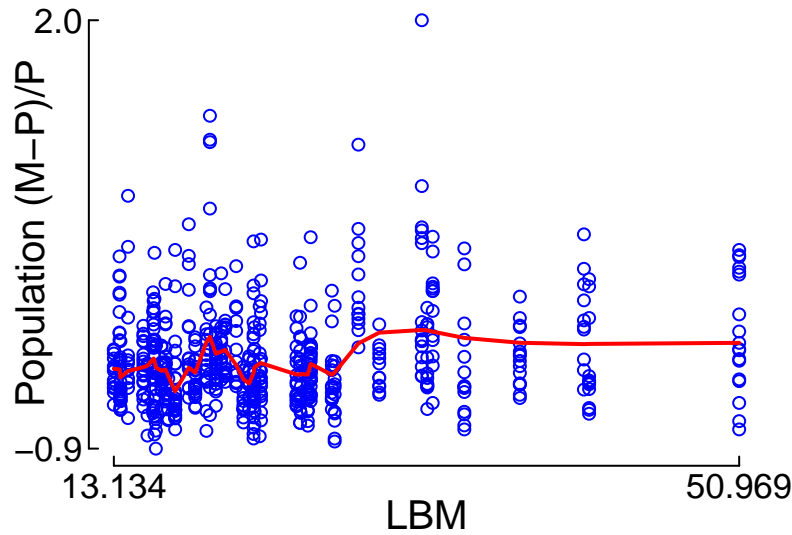
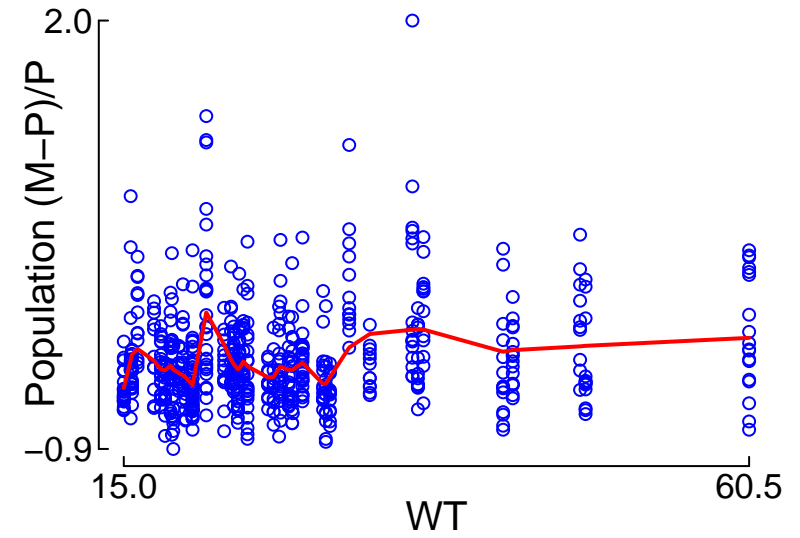
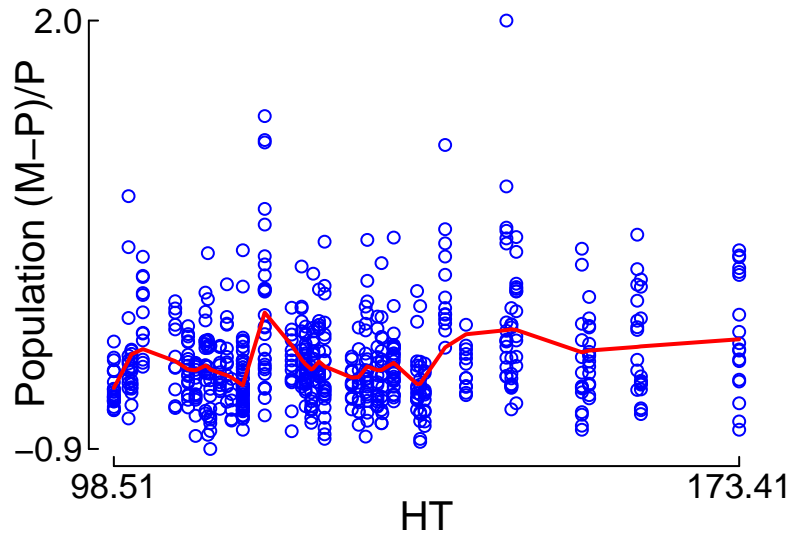
Red: smoother

"Control.Marsh.Simulation.txt" (6766.130)  
vs. Population (M-P)/P



Red: smoother

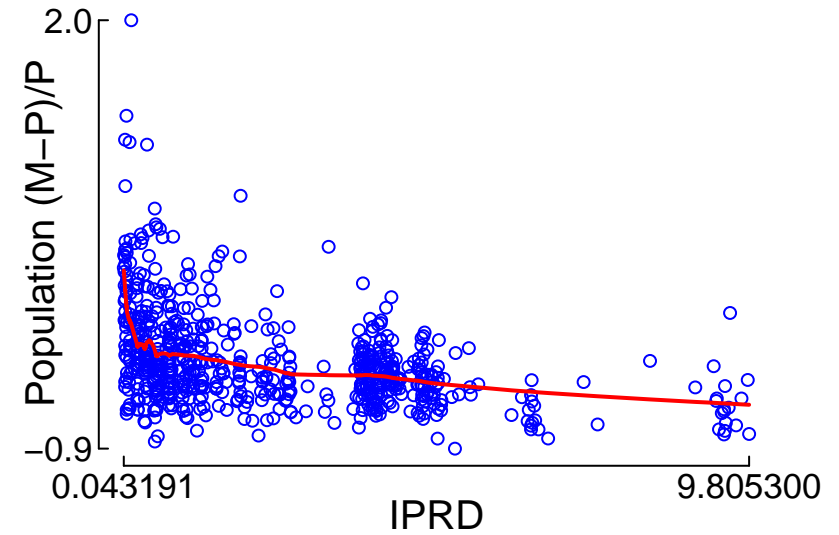
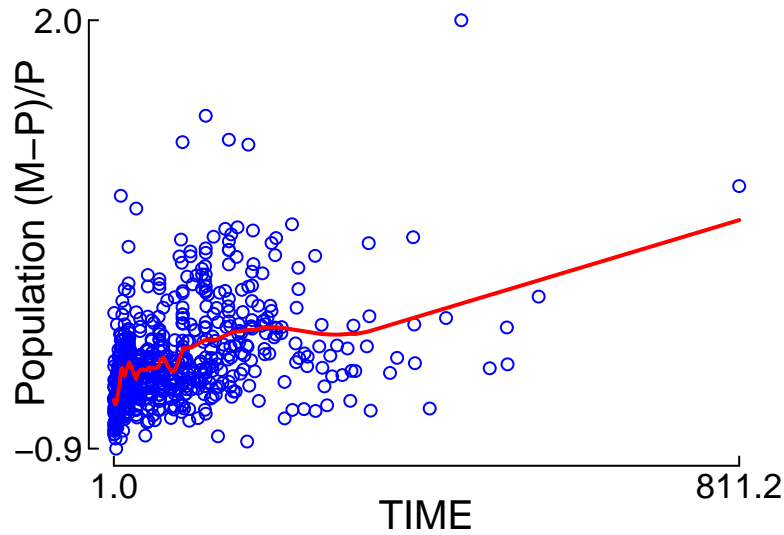
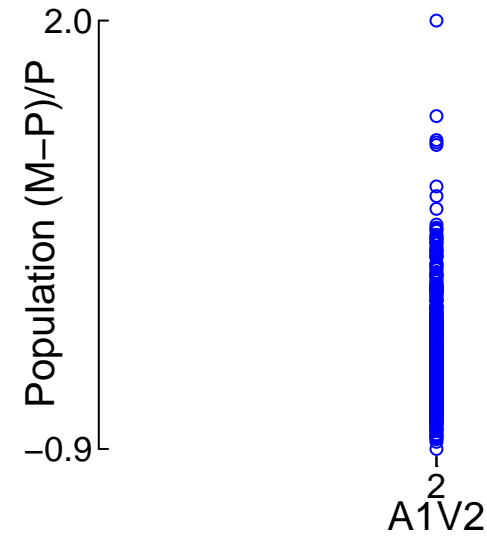
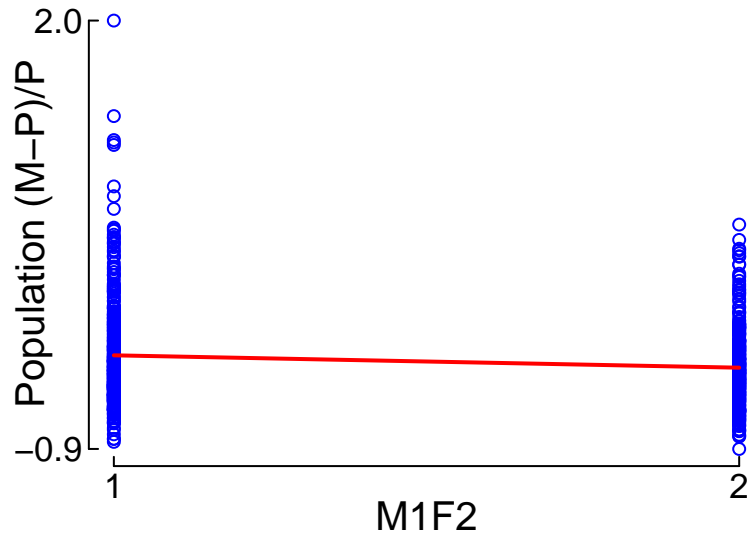
"Control.Marsh.Simulation.txt" (6766.130)  
vs. Population (M-P)/P



Red: smoother

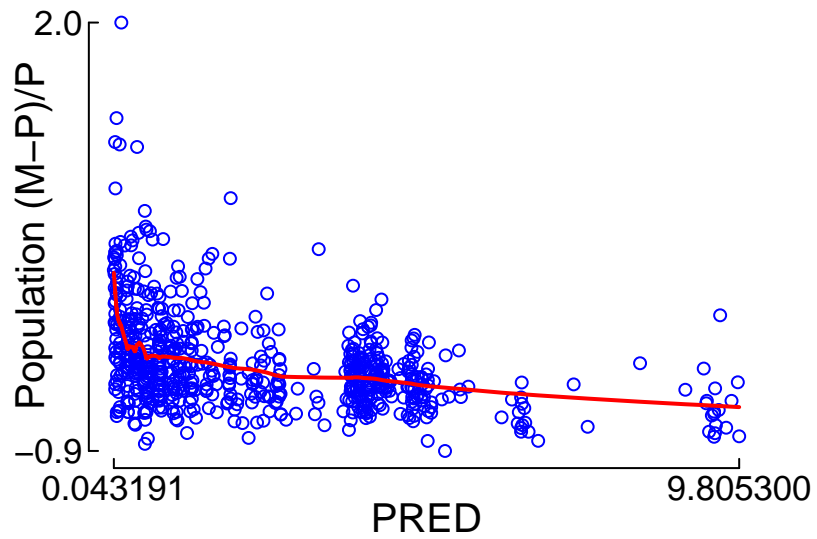


# "Control.Marsh.Simulation.txt" (6766.130) vs. Population (M-P)/P



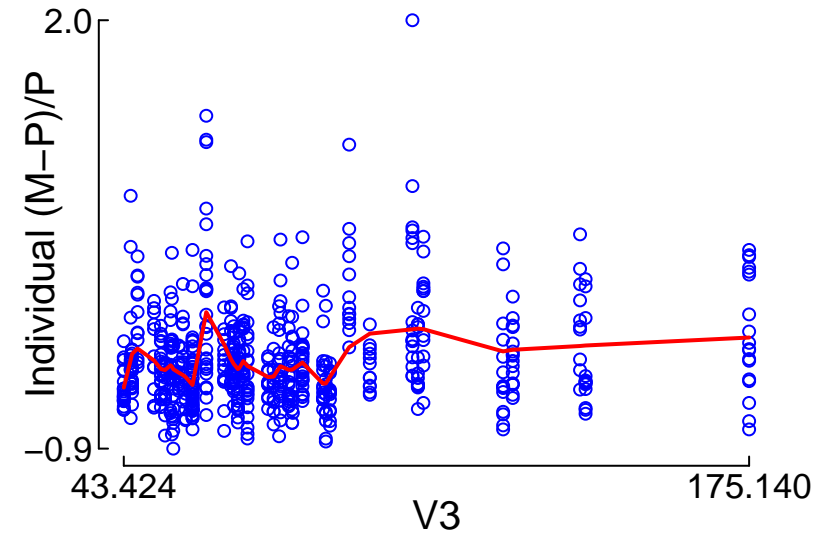
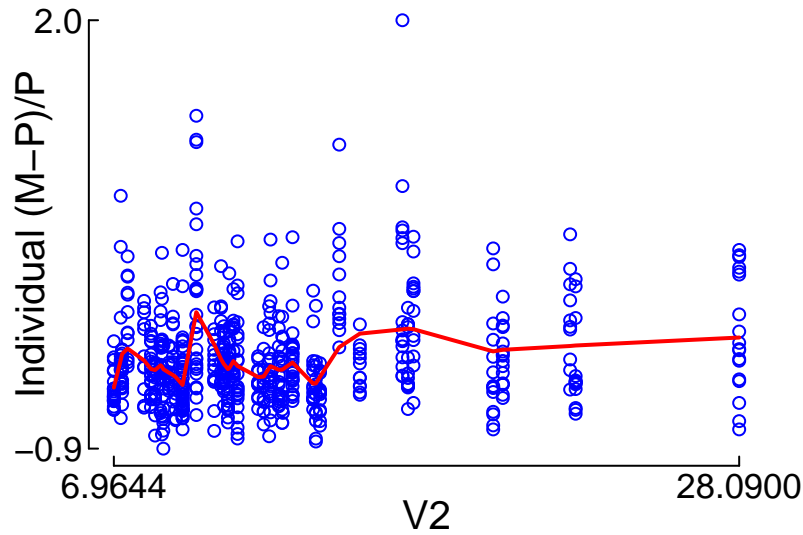
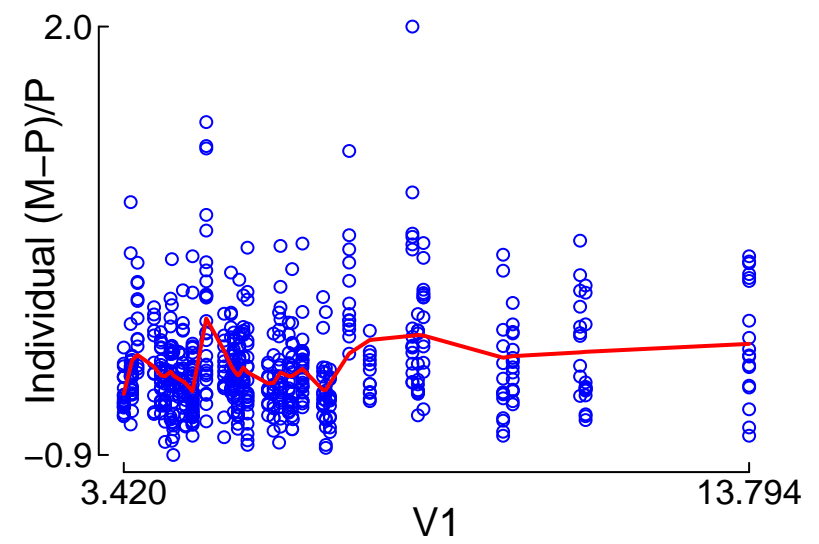
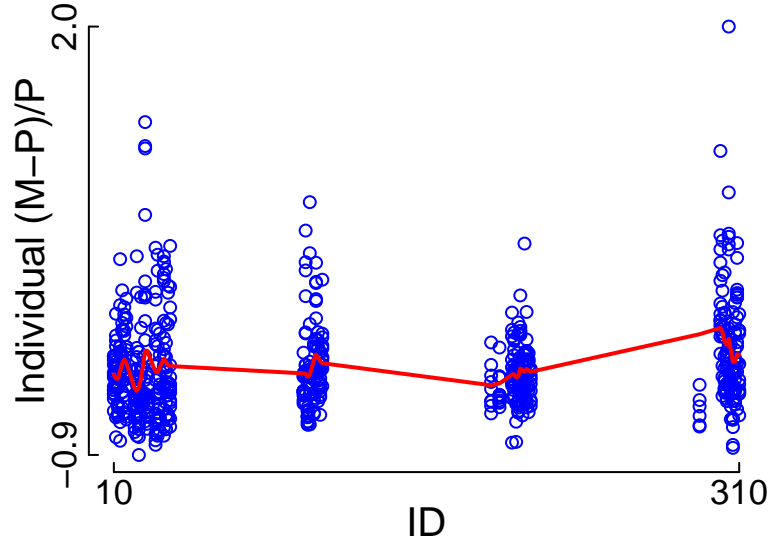
Red: smoother

"Control.Marsh.Simulation.txt" (6766.130)  
vs. Population (M-P)/P



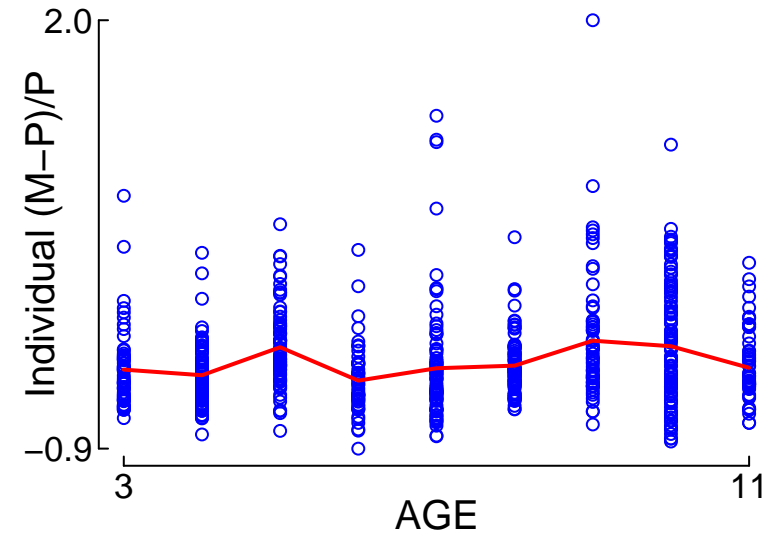
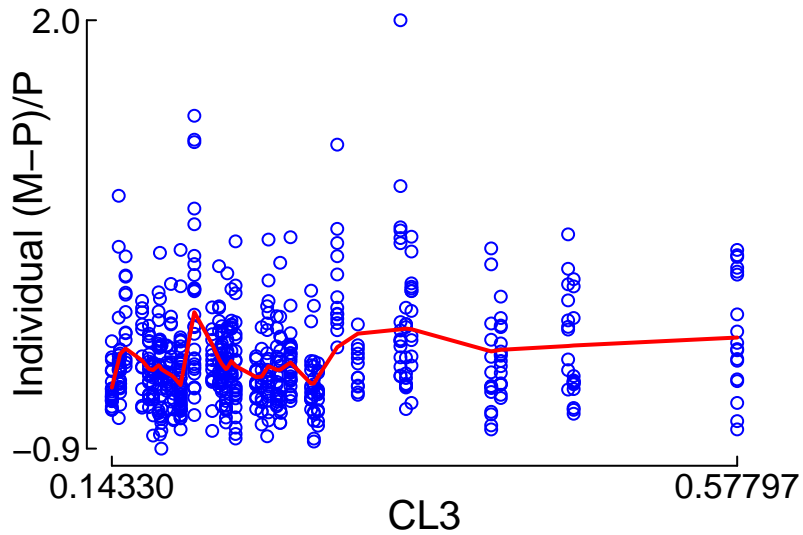
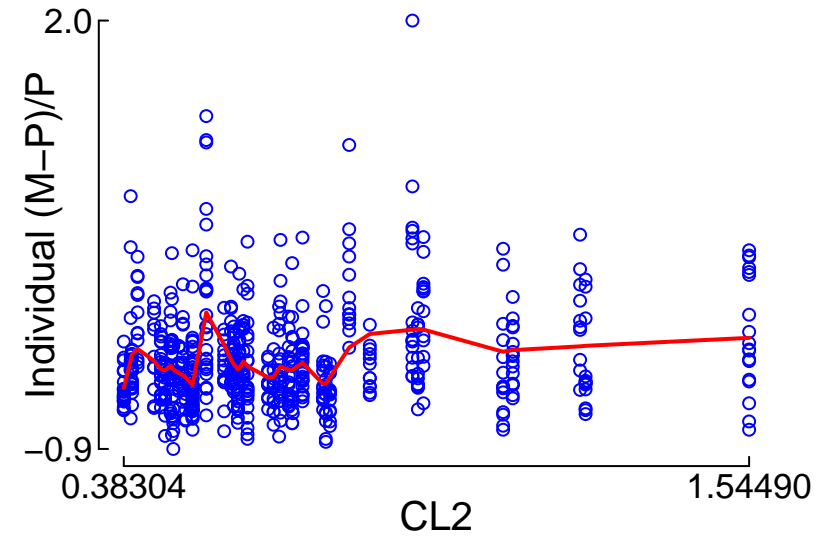
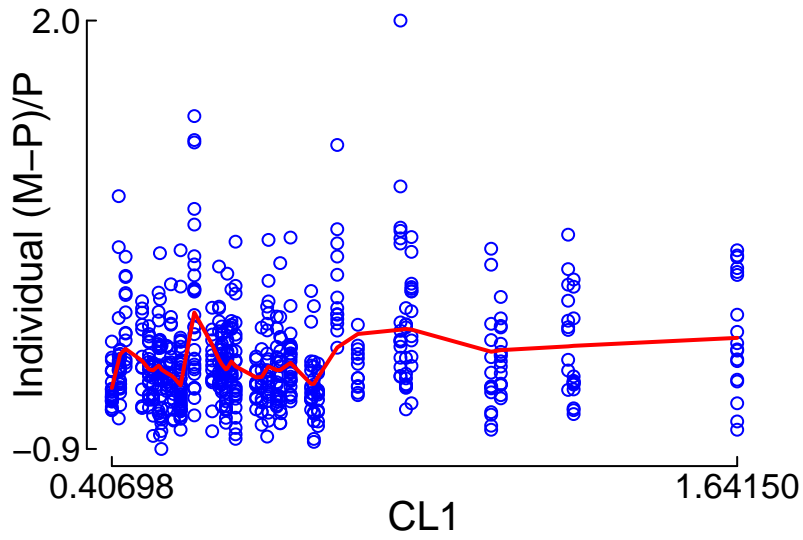
Red: smoother

# "Control.Marsh.Simulation.txt" (6766.130) vs. Individual (M-P)/P



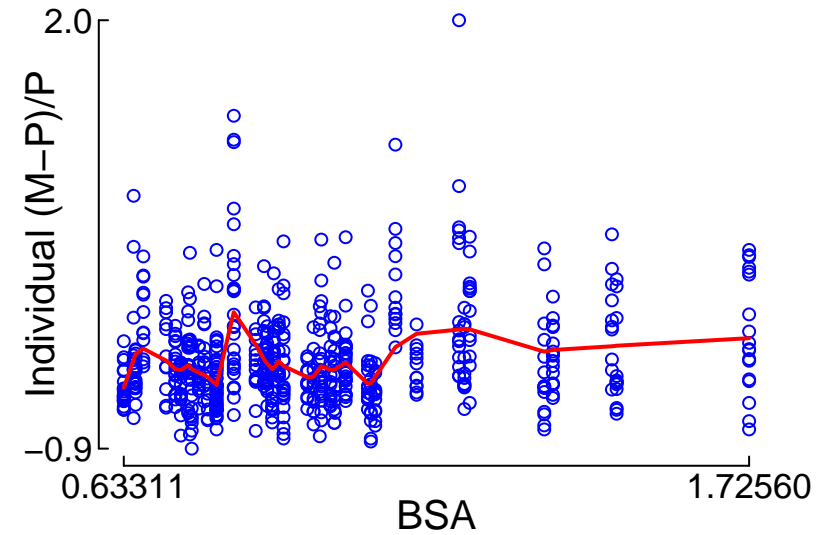
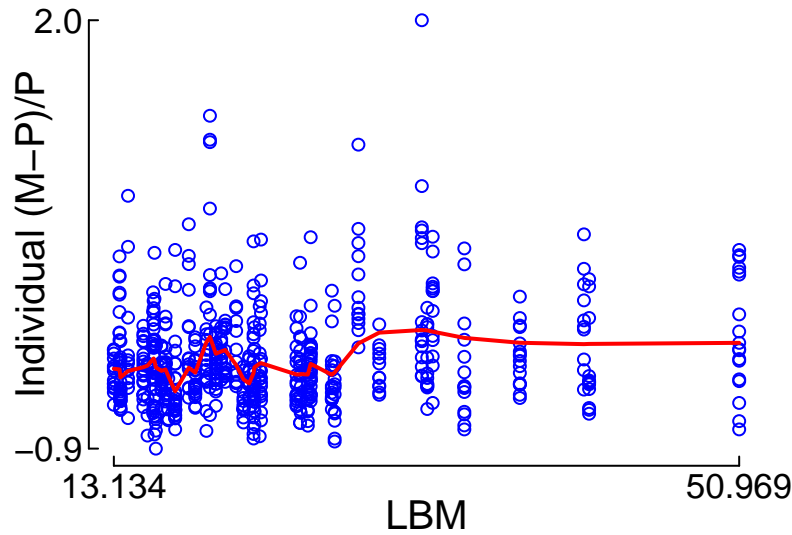
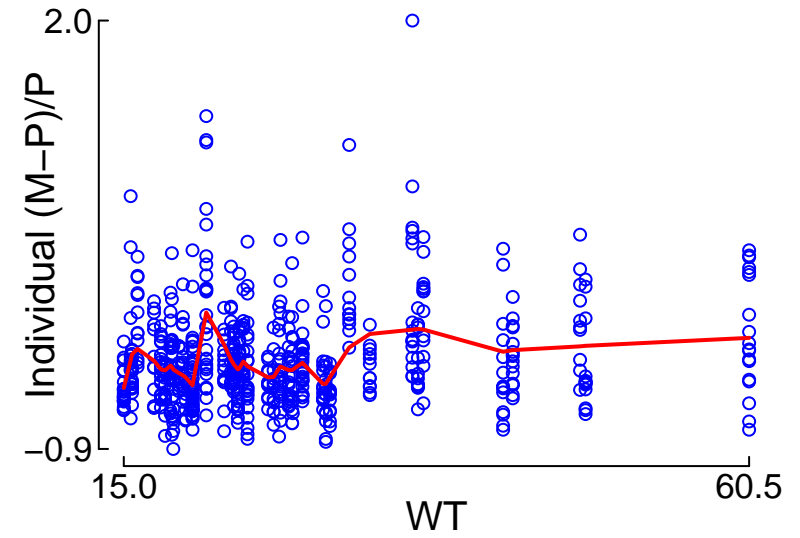
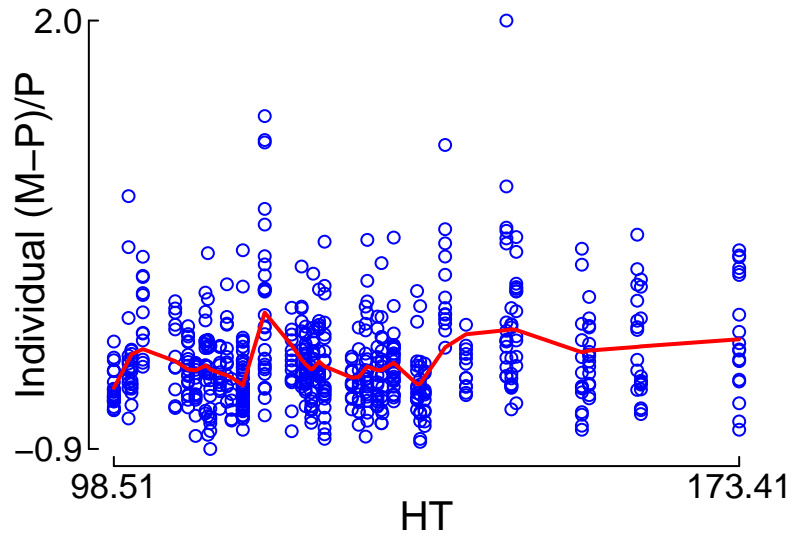
Red: smoother

"Control.Marsh.Simulation.txt" (6766.130)  
vs. Individual (M-P)/P



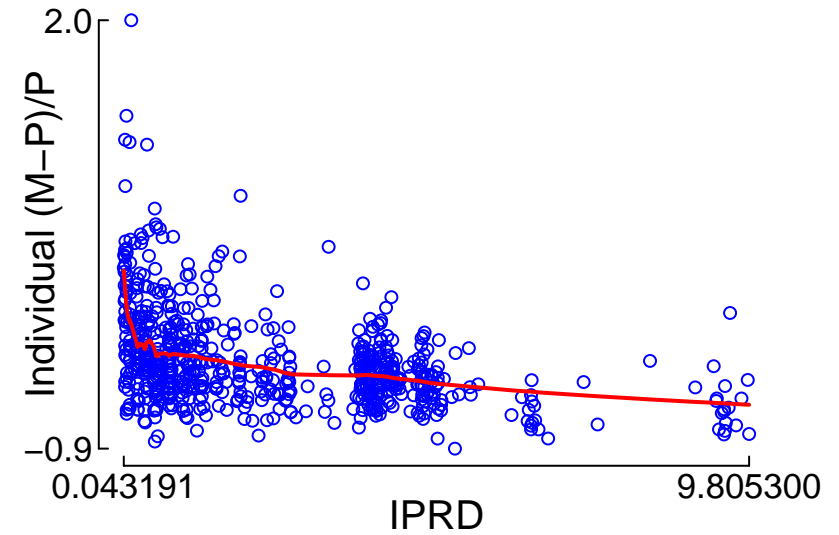
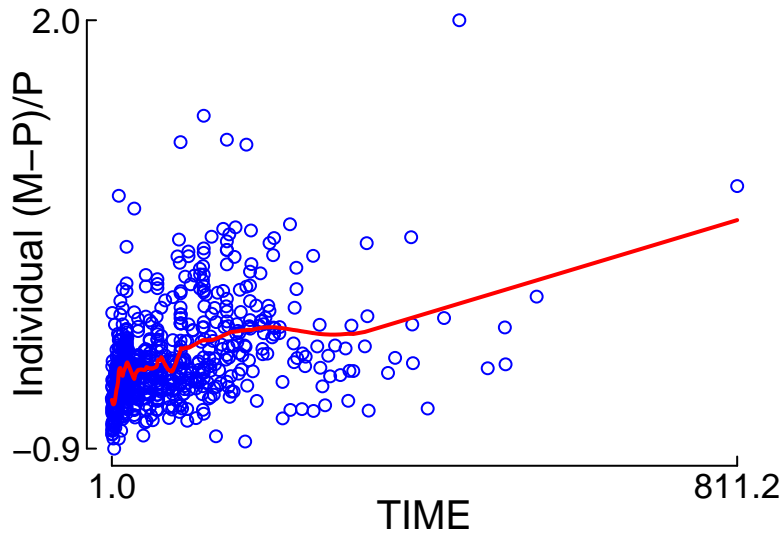
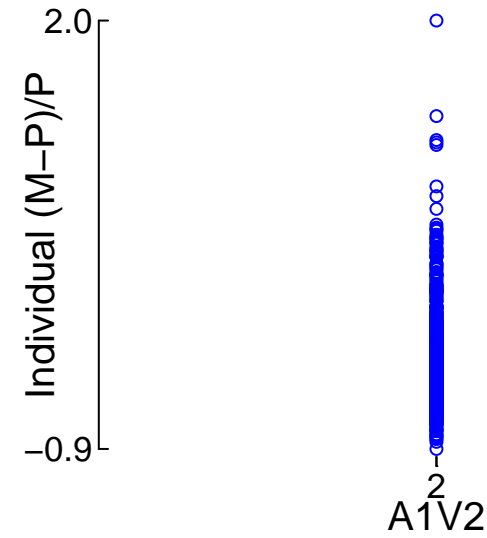
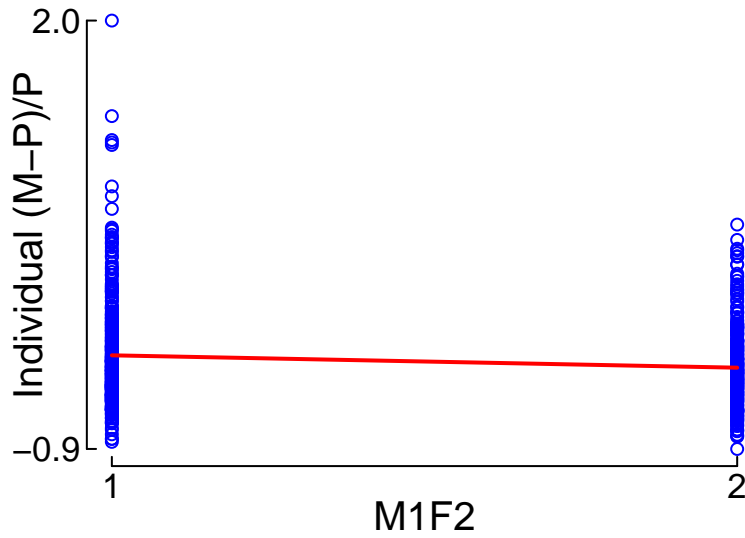
Red: smoother

"Control.Marsh.Simulation.txt" (6766.130)  
vs. Individual (M-P)/P



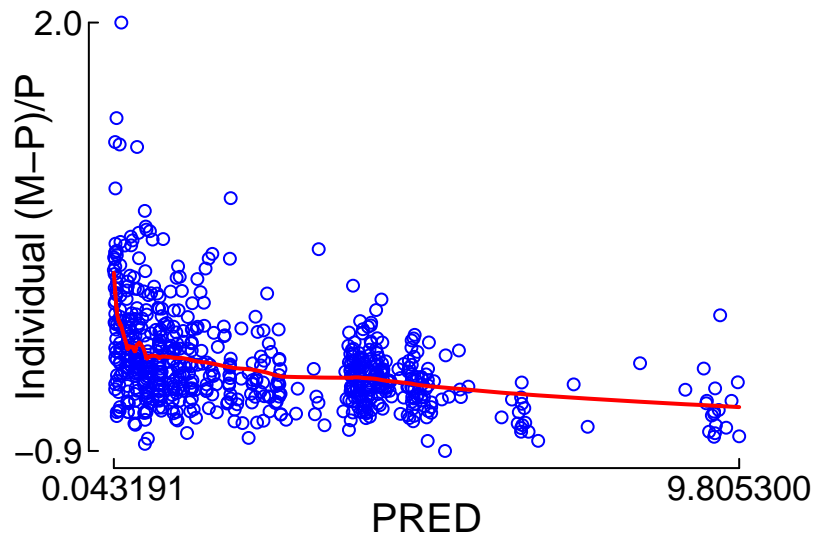
Red: smoother

# "Control.Marsh.Simulation.txt" (6766.130) vs. Individual (M-P)/P



Red: smoother

"Control.Marsh.Simulation.txt" (6766.130)  
vs. Individual (M-P)/P



Red: smoother