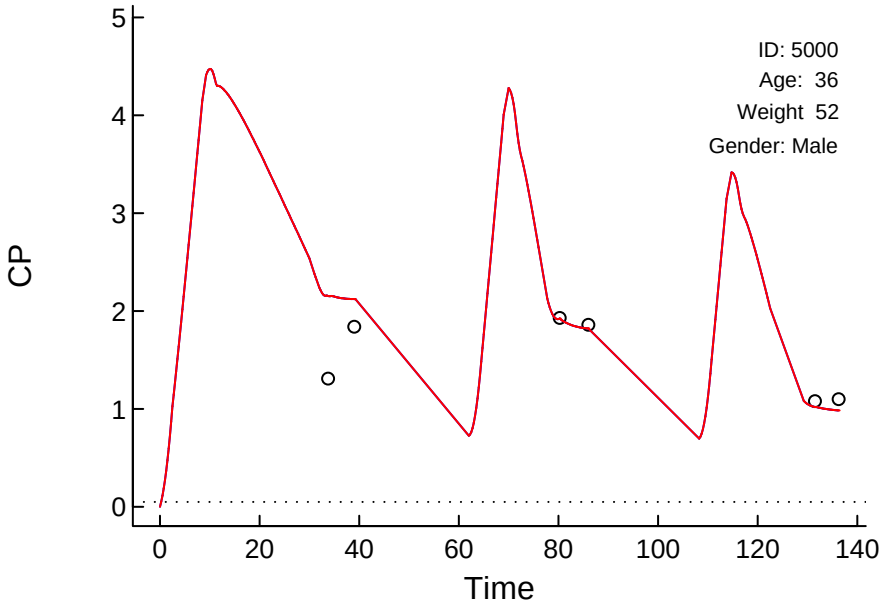
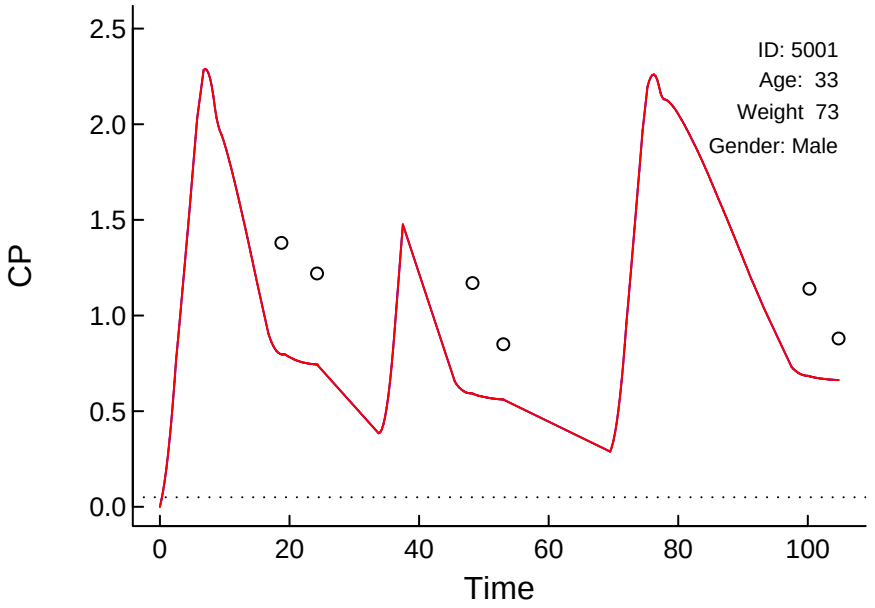
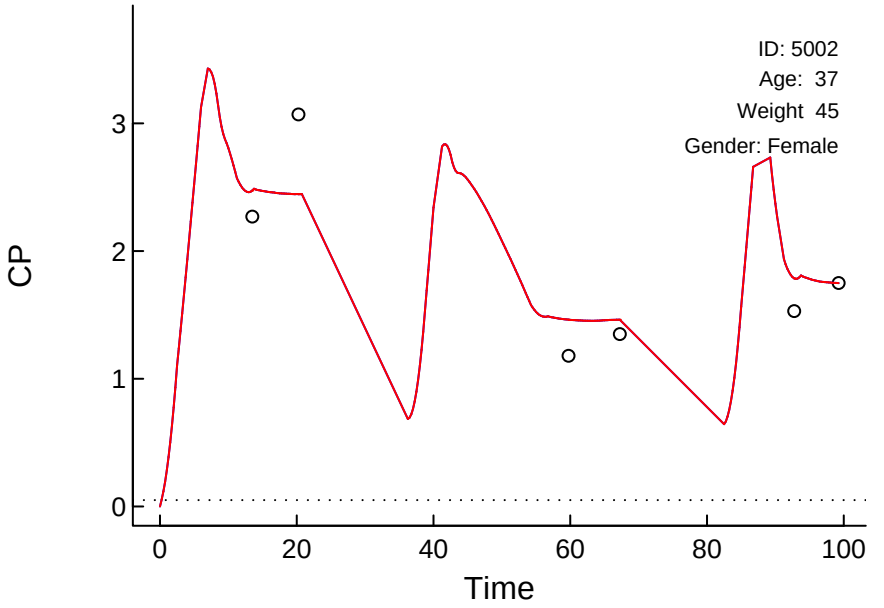
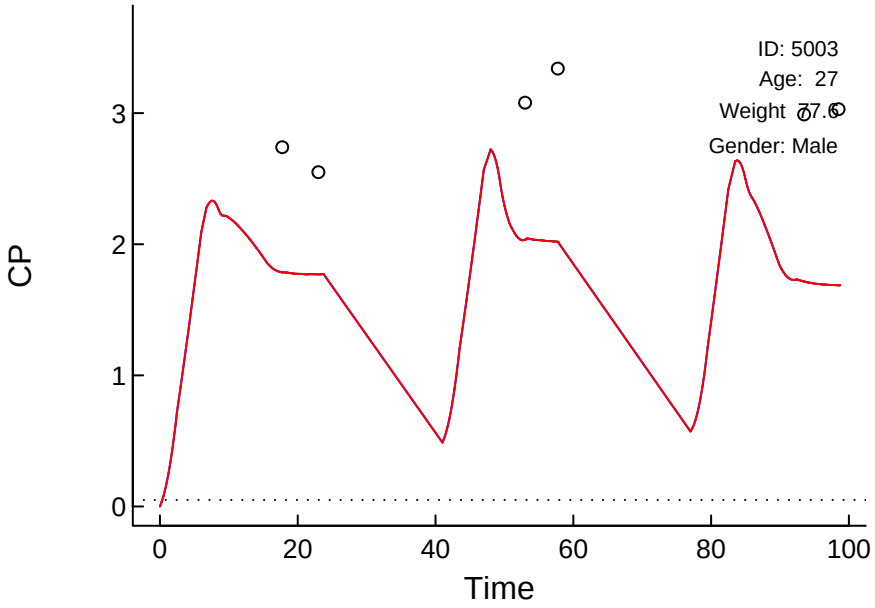
# "Control.Marsh.Simulation.txt" (1293.350)

## Linear Scale



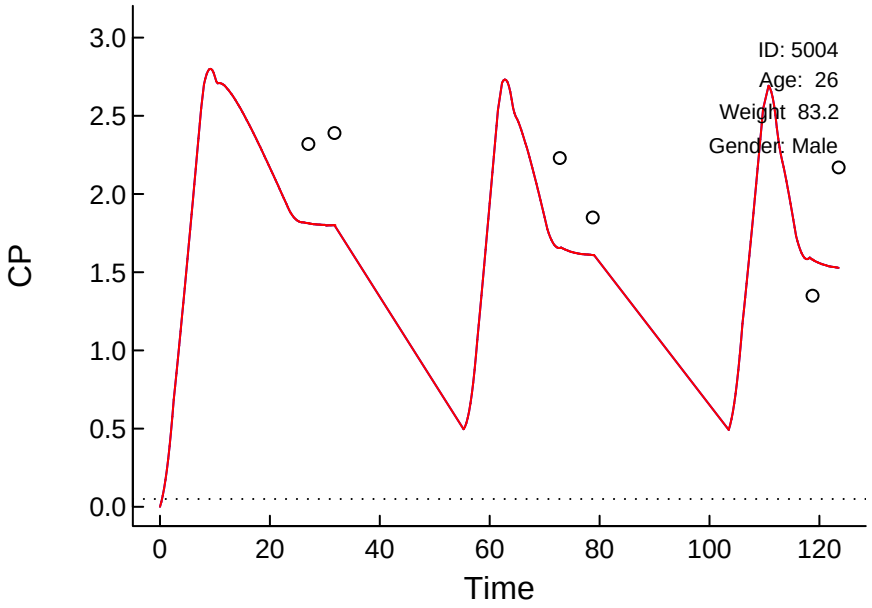



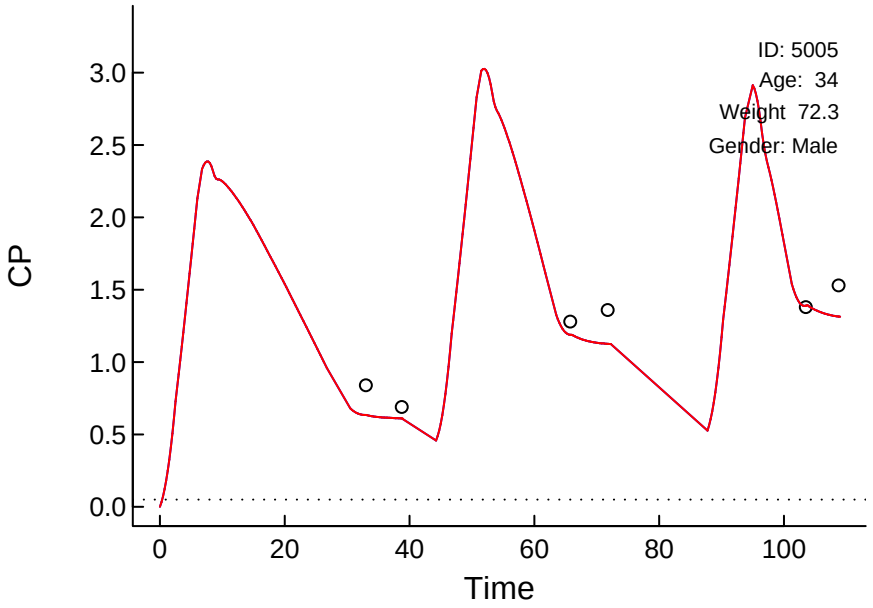



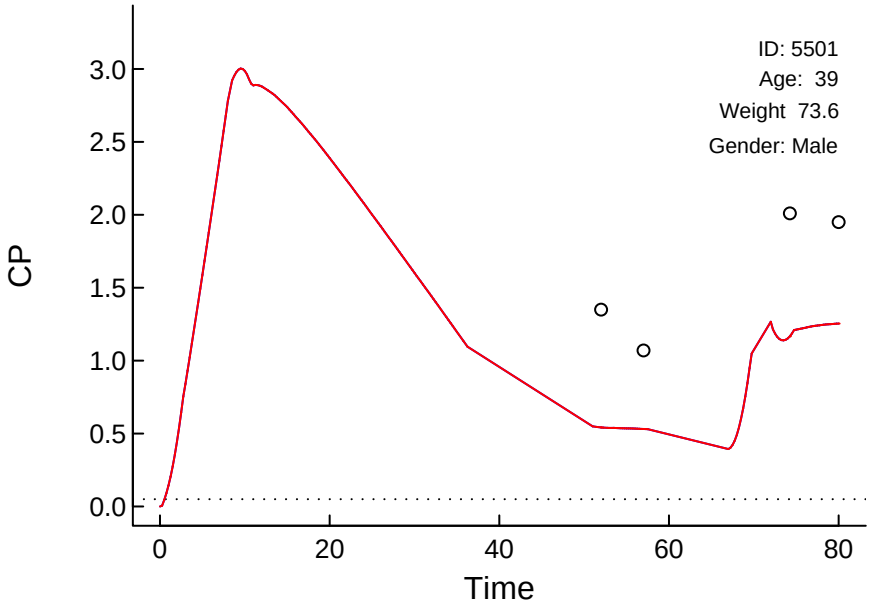



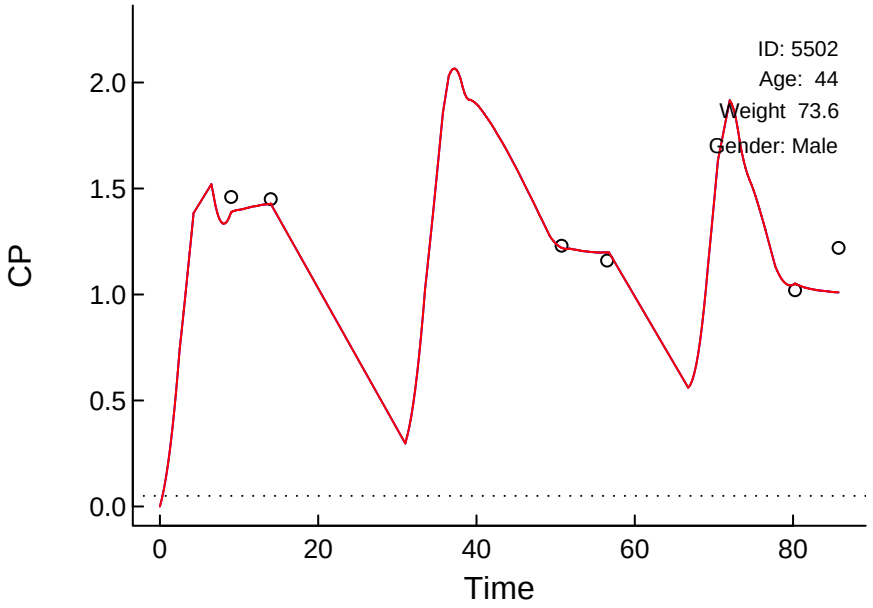

Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ

Linear Scale



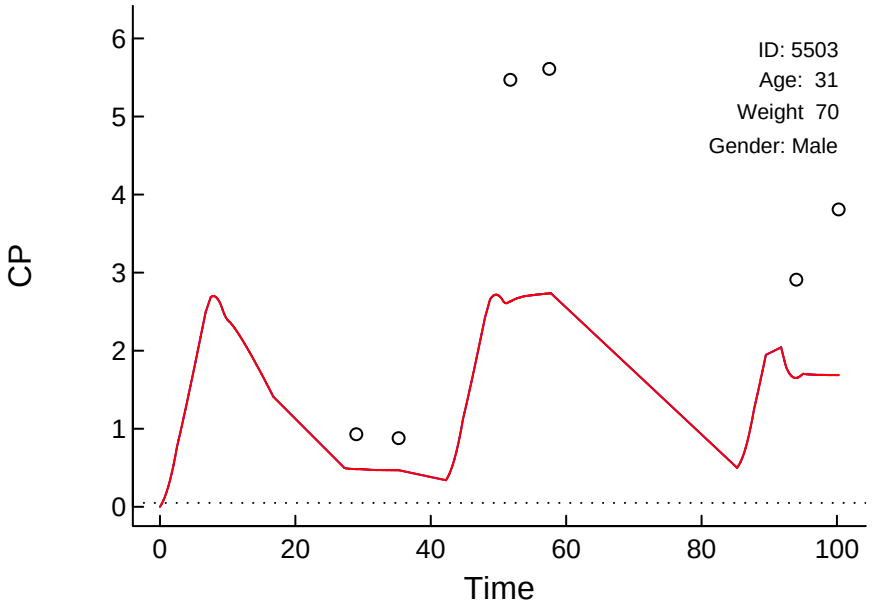



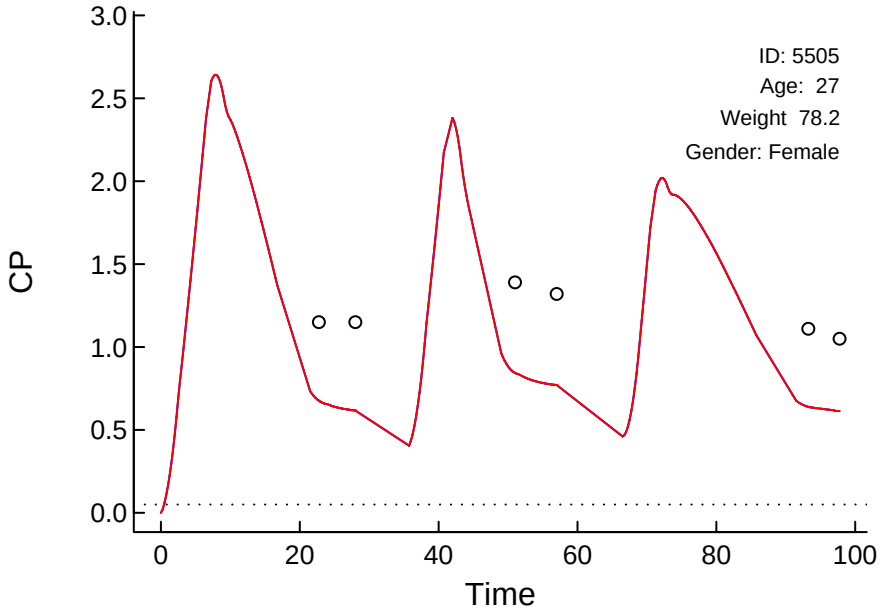




Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ

"Control.Marsh.Simulation.txt" (1293.350)

Linear Scale

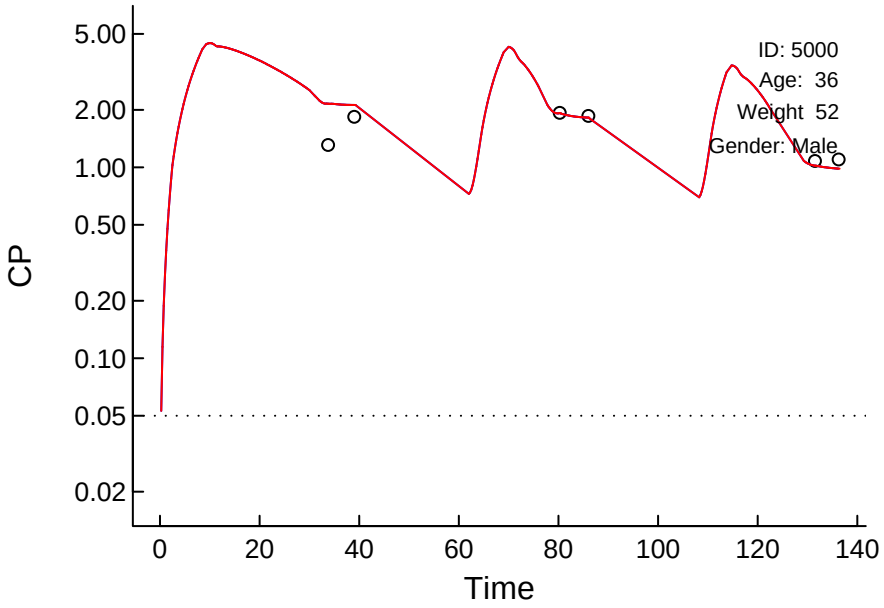


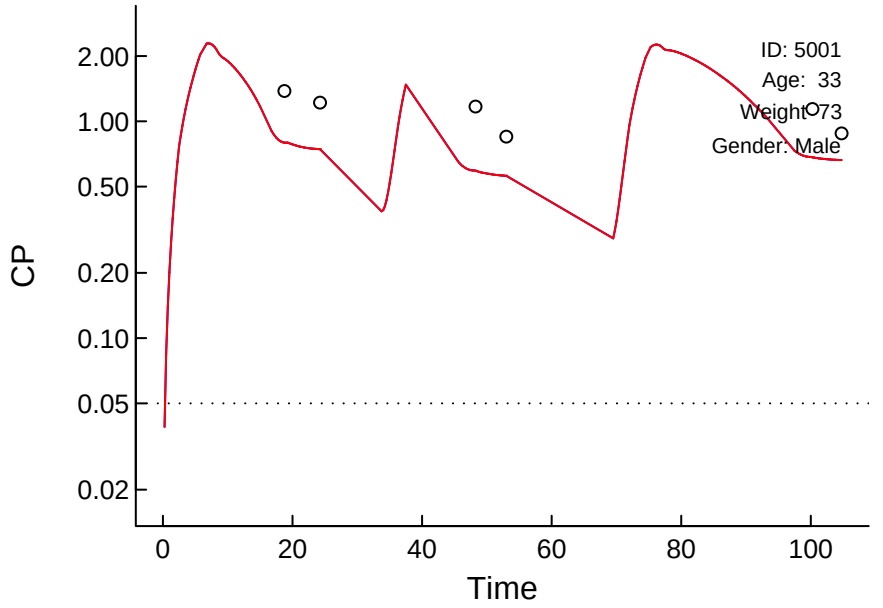



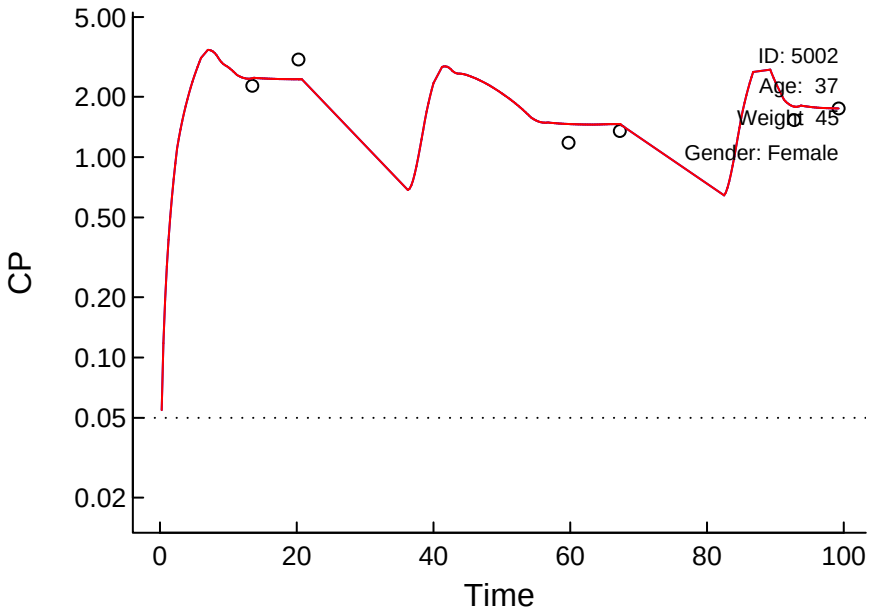

Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ

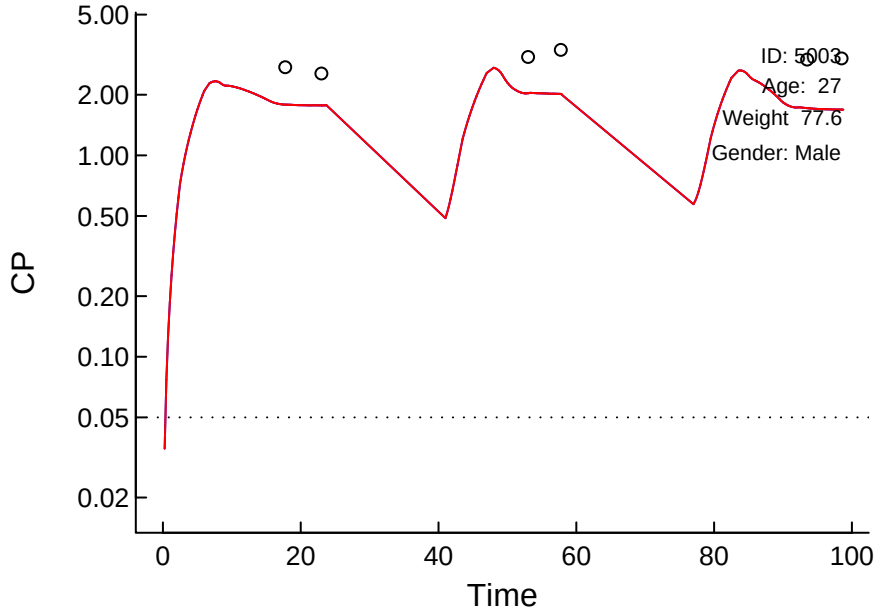
"Control.Marsh.Simulation.txt" (1293.350)

Log Scale




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

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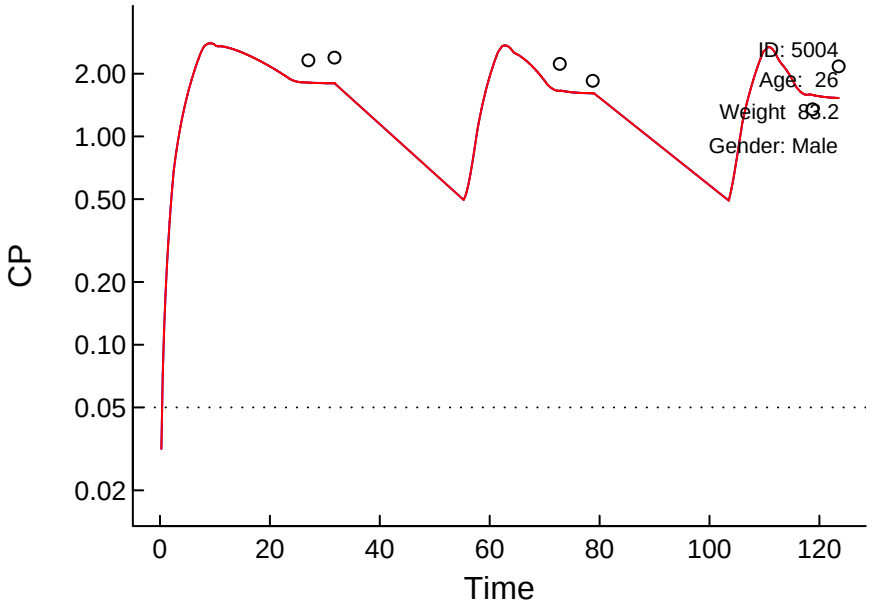
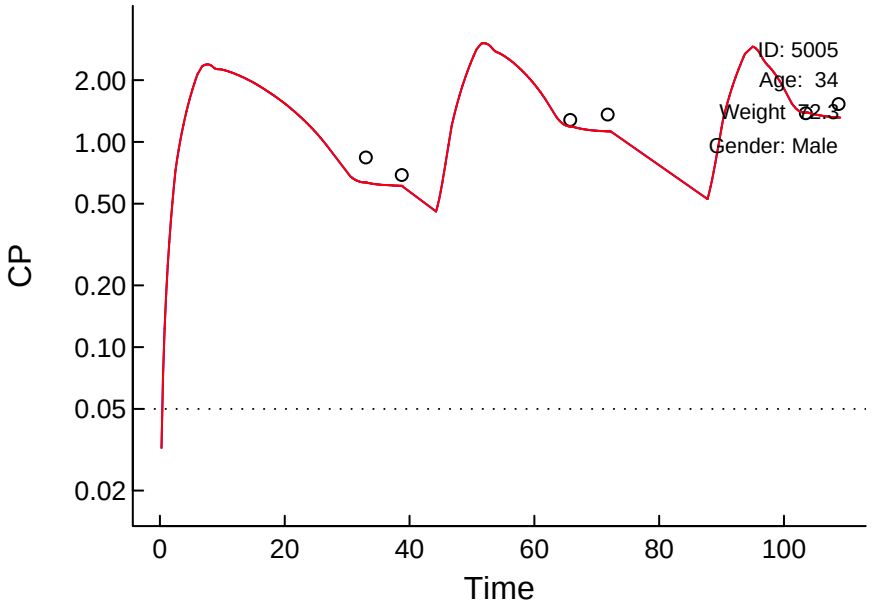
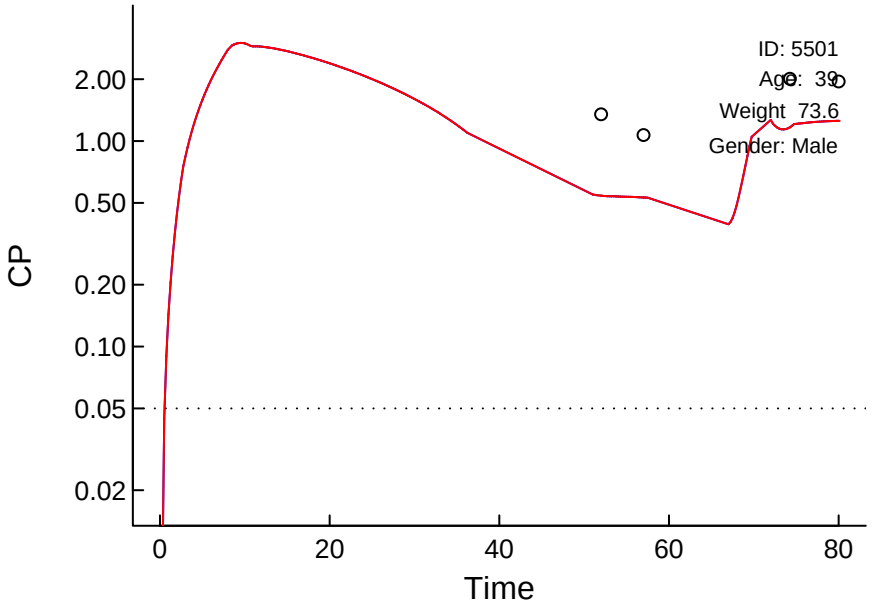
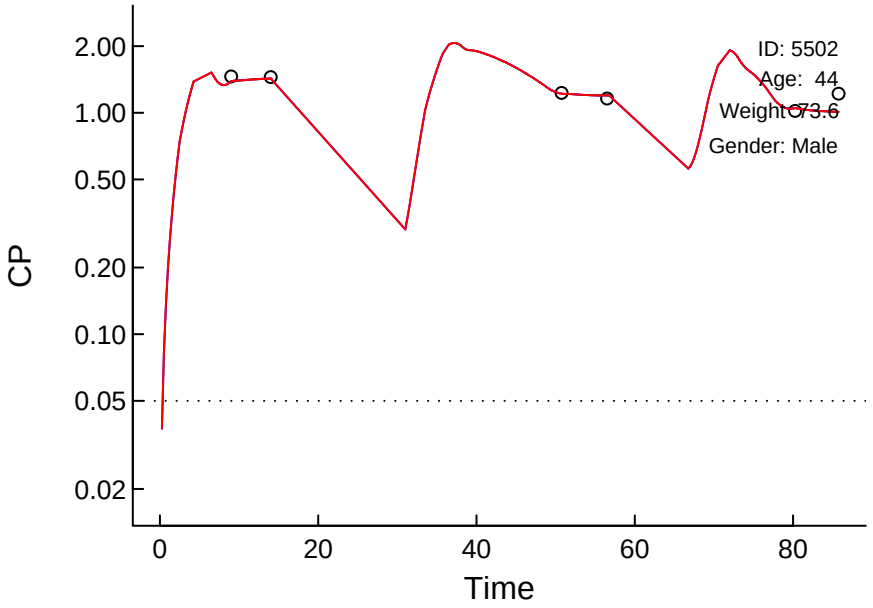


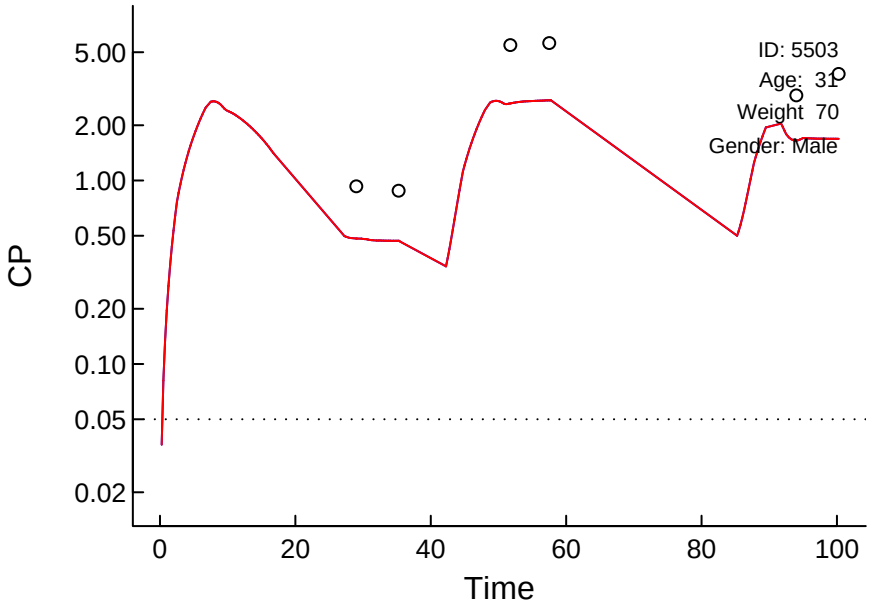



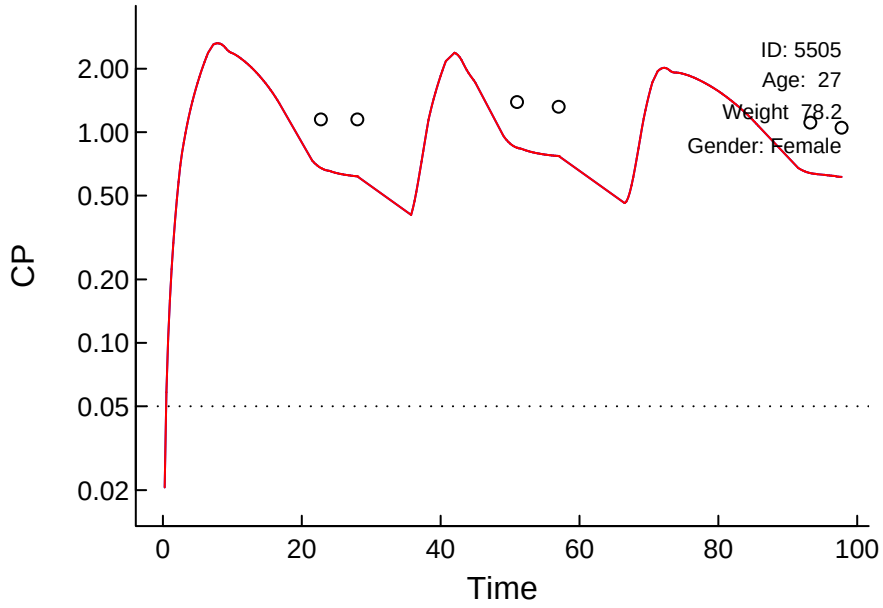




Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ

"Control.Marsh.Simulation.txt" (1293.350)

Log Scale



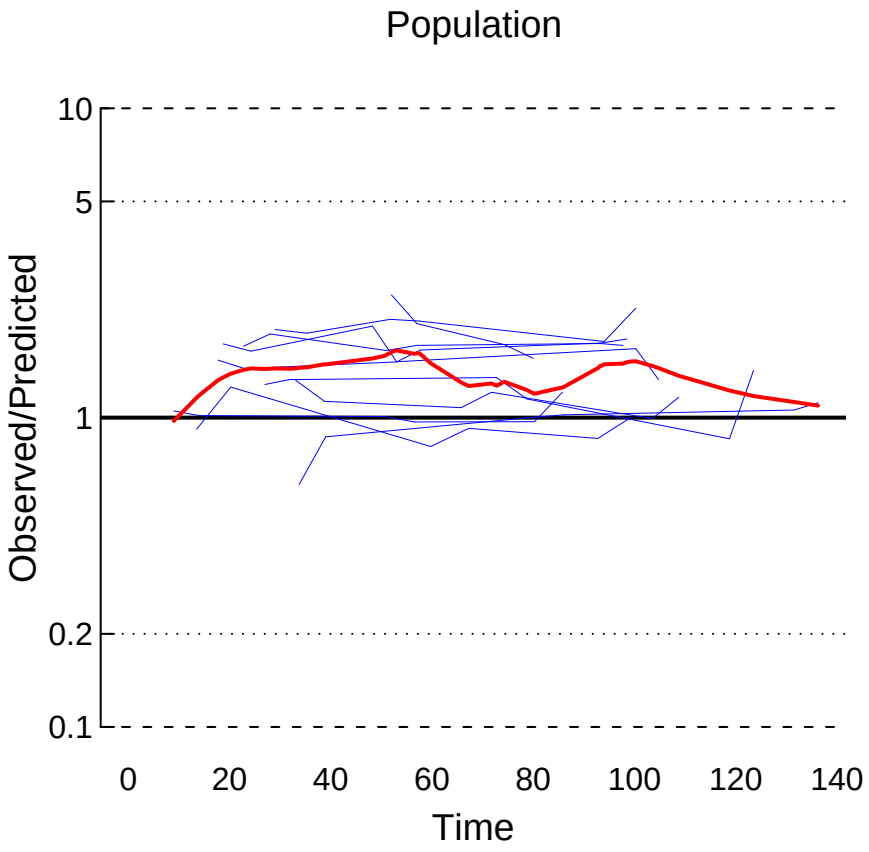




Circles: Observed; X: BQL; Red: Post Hoc; Blue: Population; Arrows: Doses; Dotted: LOQ

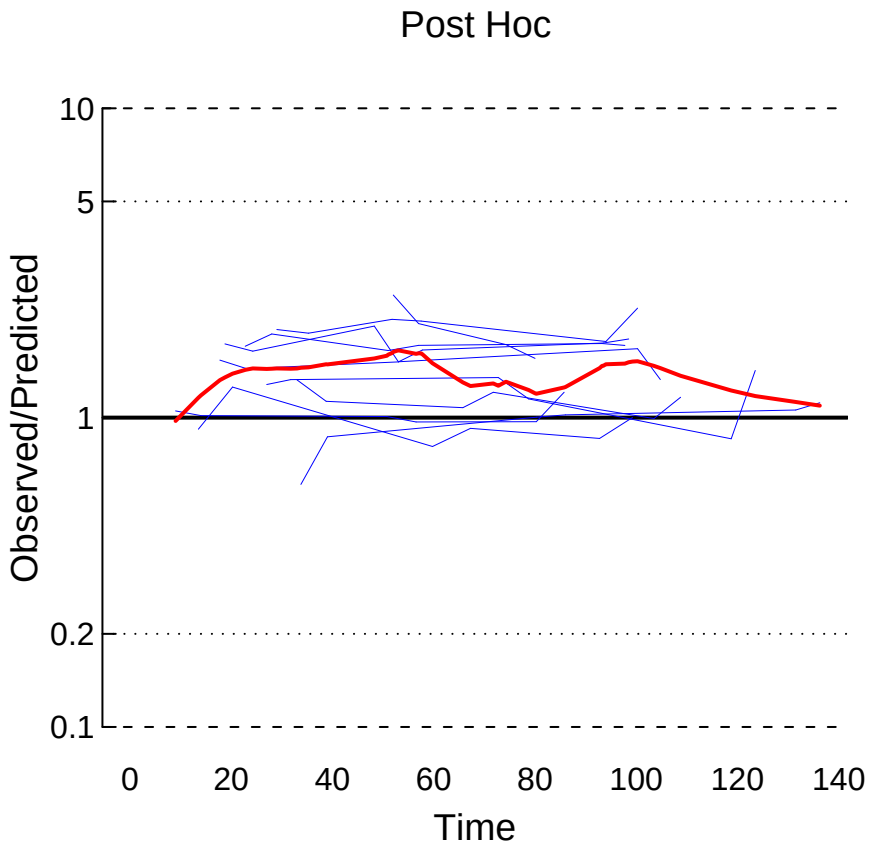
"Control.Marsh.Simulation.txt" (1293.350)

All Subjects; Quality of Fit (Observed/Predicted)

Red line: smoother

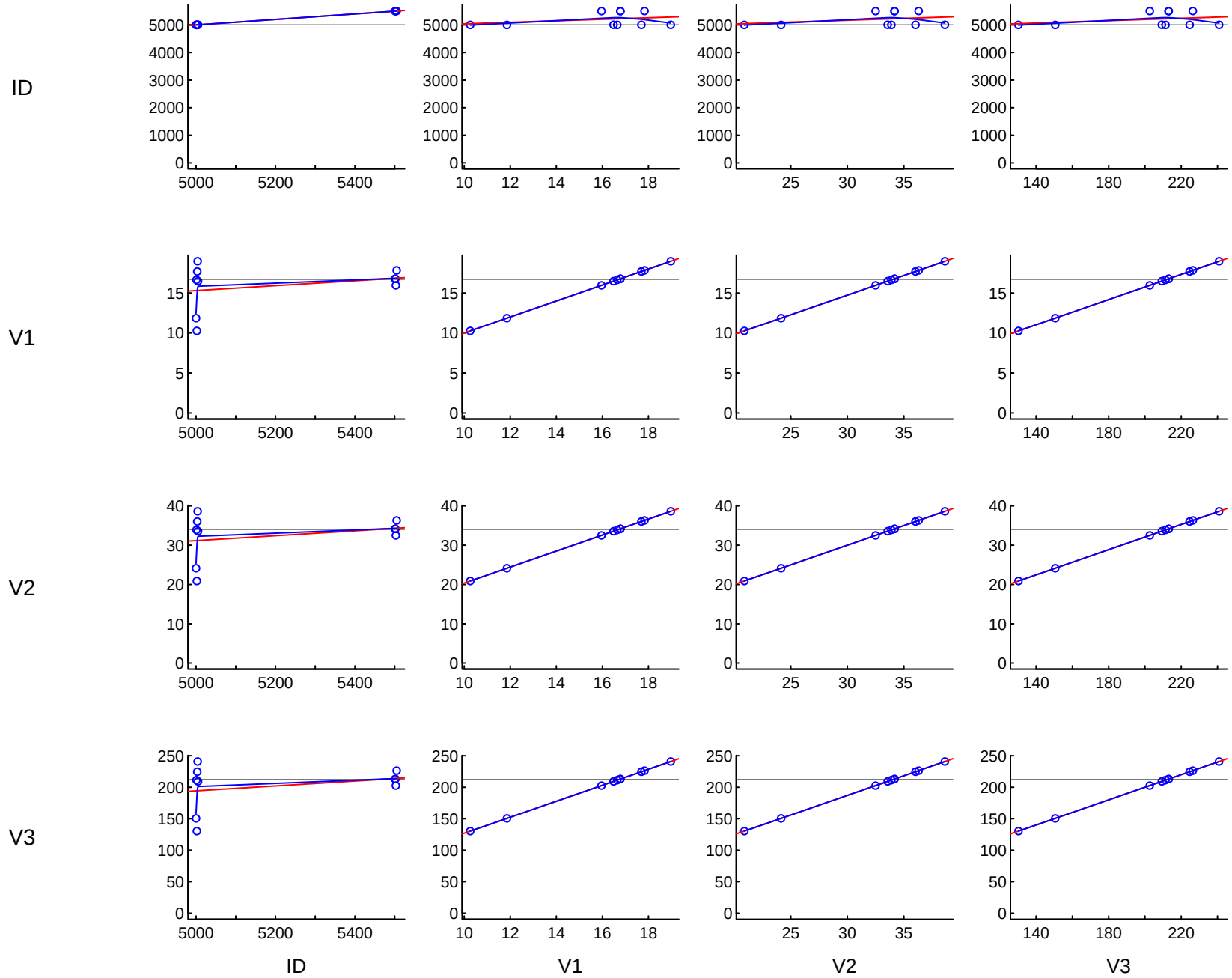



MDPE = +0.338
MDAPE = 0.370




MDPE = +0.338
MDAPE = 0.370

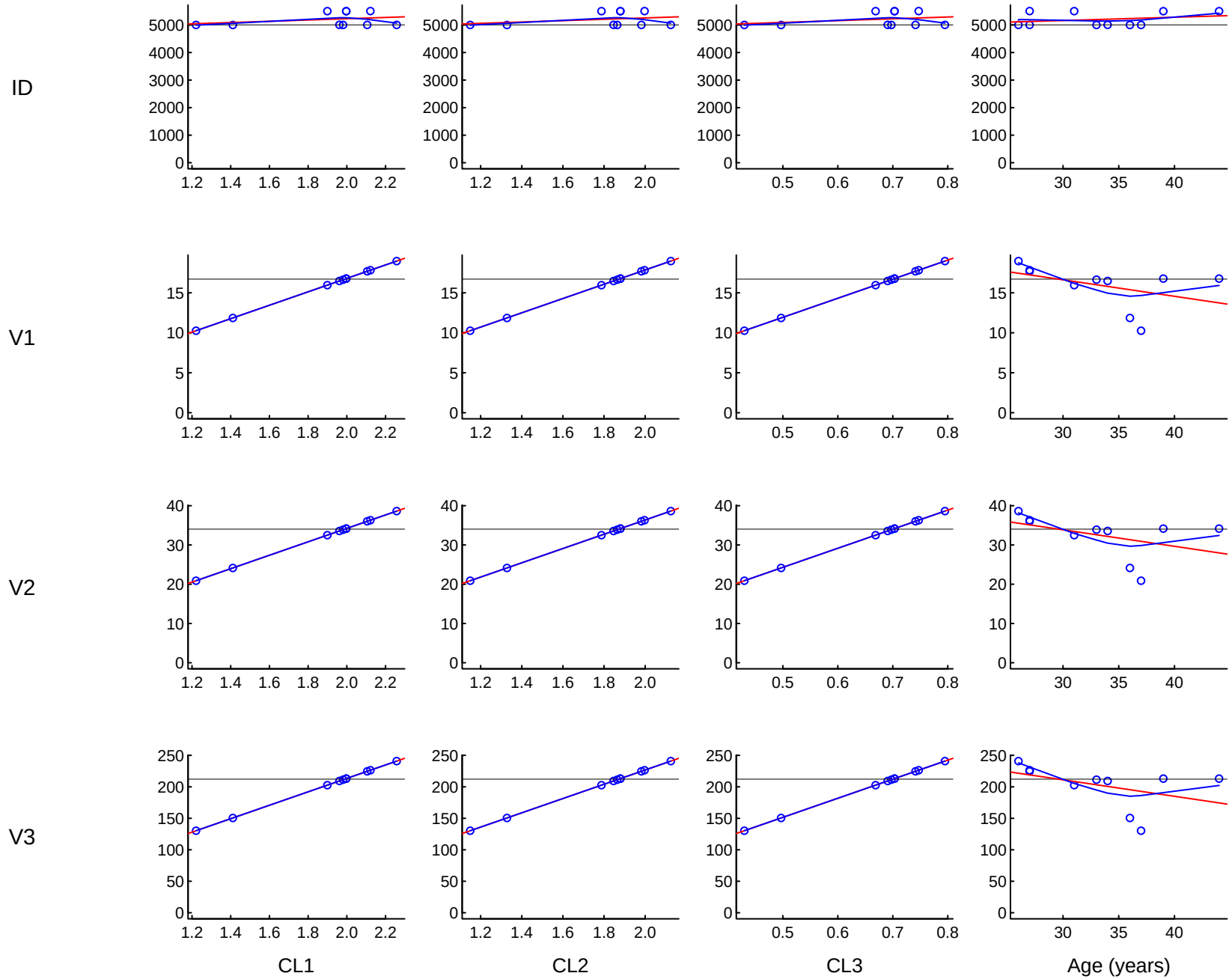
## Post Hoc Value vs. Covariates




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

# "Control.Marsh.Simulation.txt" (1293.350)

## Post Hoc Value vs. Covariates

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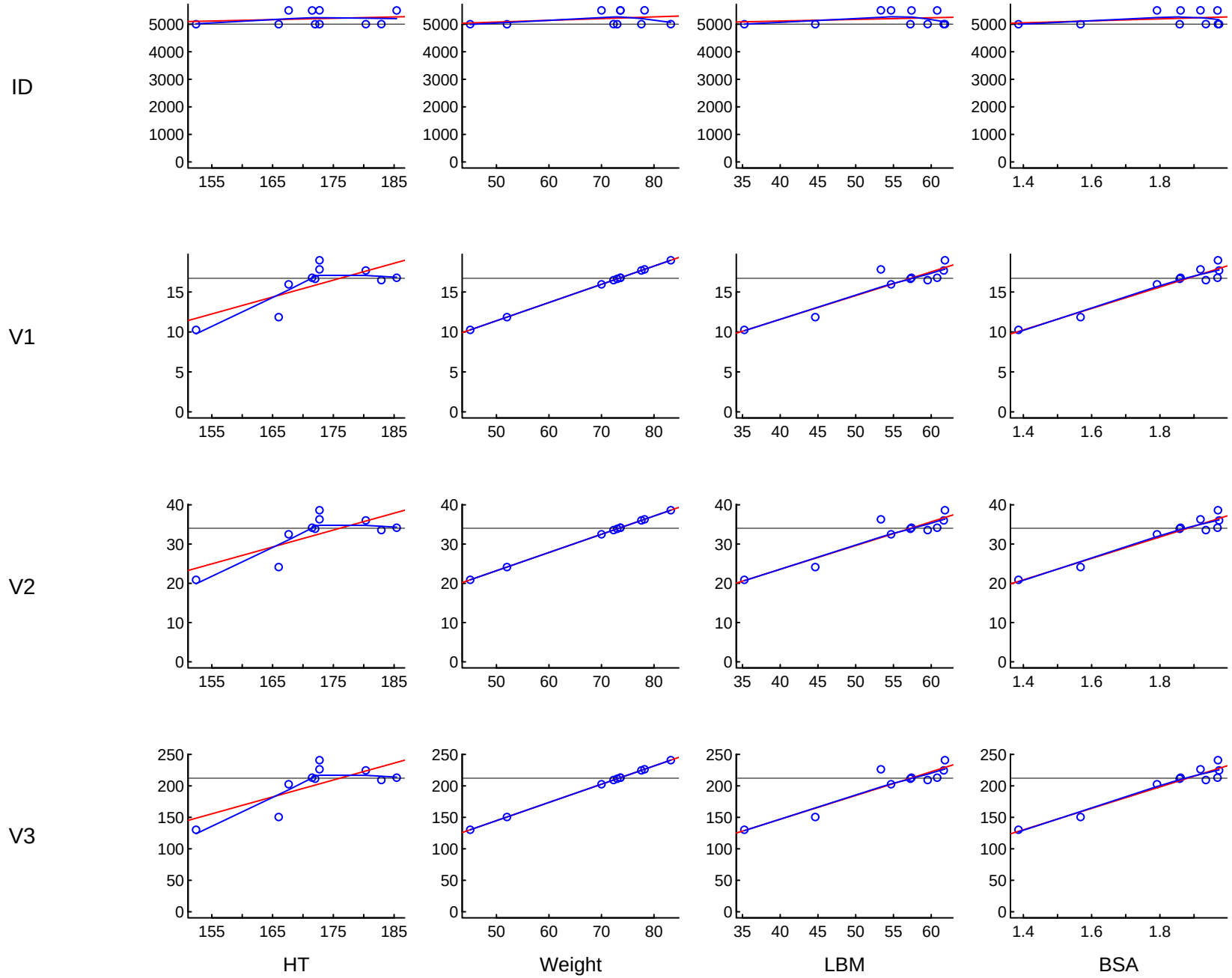
# "Control.Marsh.Simulation.txt" (1293.350)

## Post Hoc Value vs. Covariates

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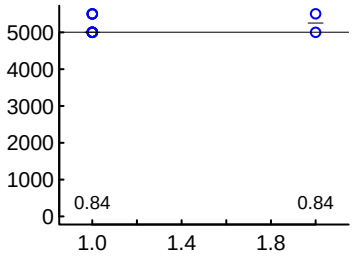
# "Control.Marsh.Simulation.txt" (1293.350)

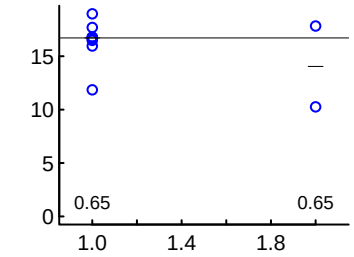
## Post Hoc Value vs. Covariates

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

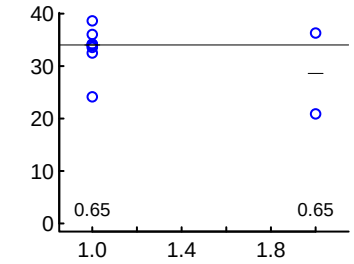
ID



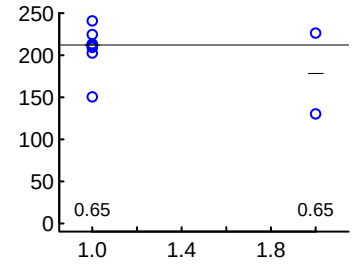

V1




V2



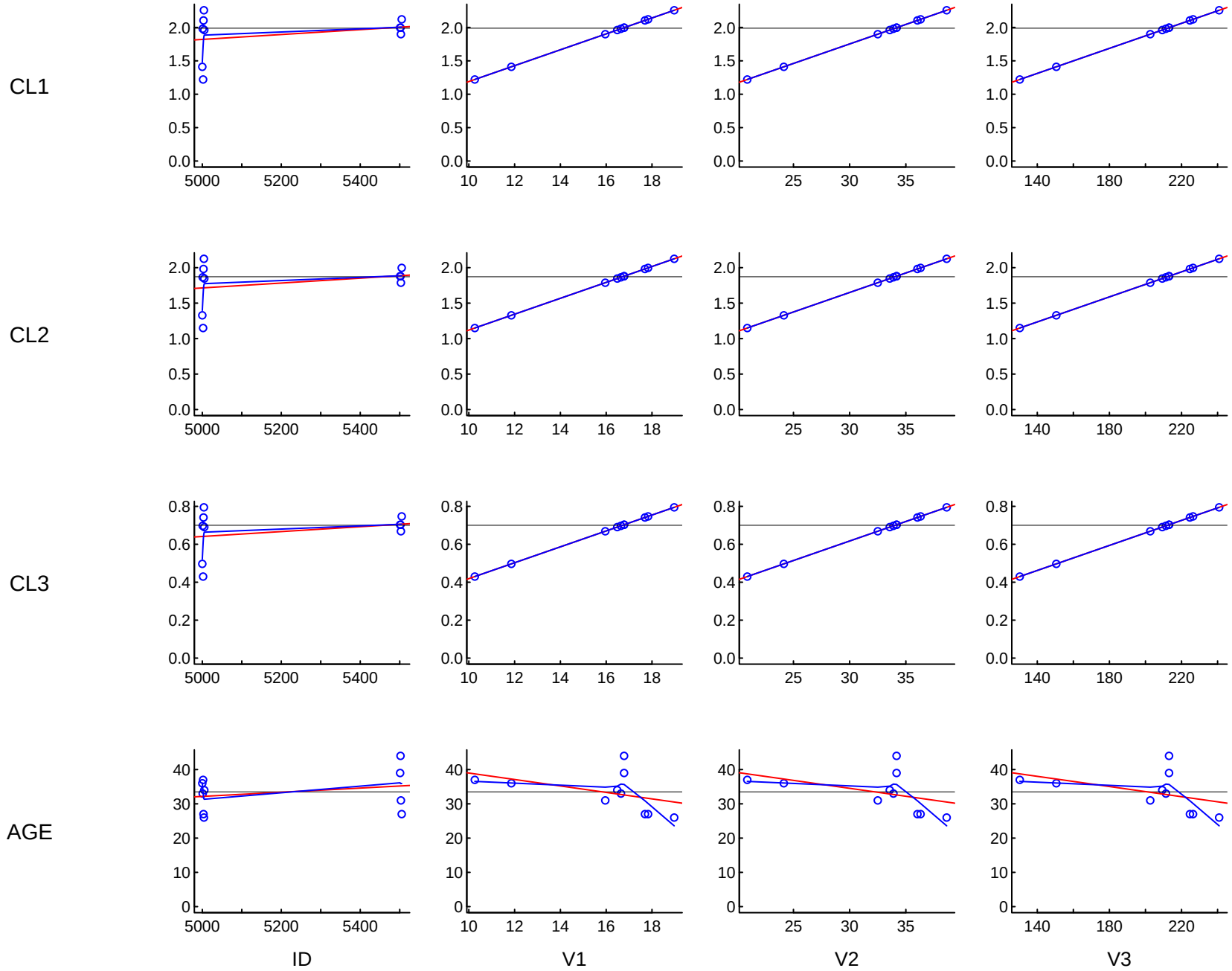

V3




Gender (M=1; F=2)

# "Control.Marsh.Simulation.txt" (1293.350)

## Post Hoc Value vs. Covariates

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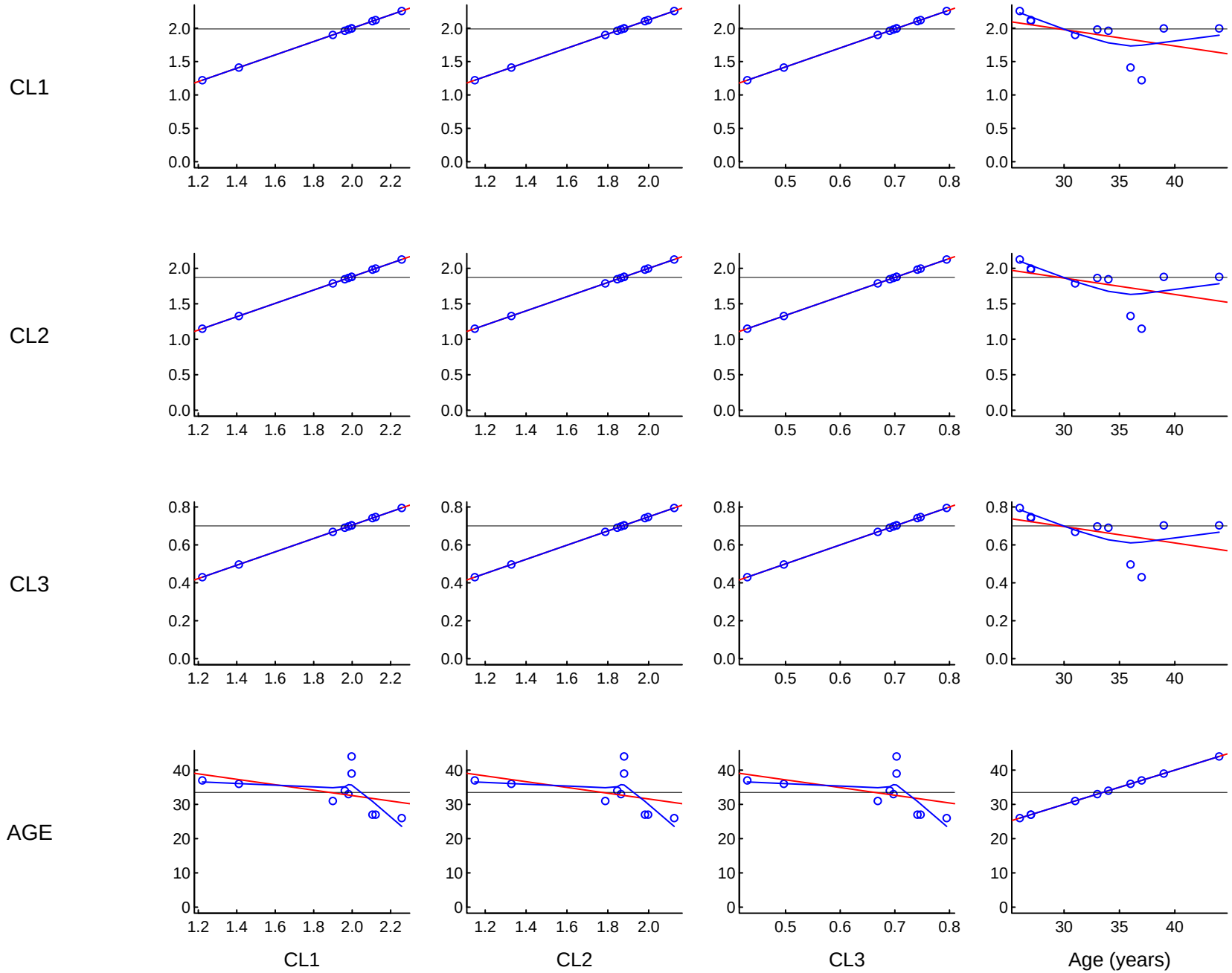
# "Control.Marsh.Simulation.txt" (1293.350)

## Post Hoc Value vs. Covariates

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# Post Hoc Value vs. Covariates

For categorical covariates, P values compare that value to all other values by t test
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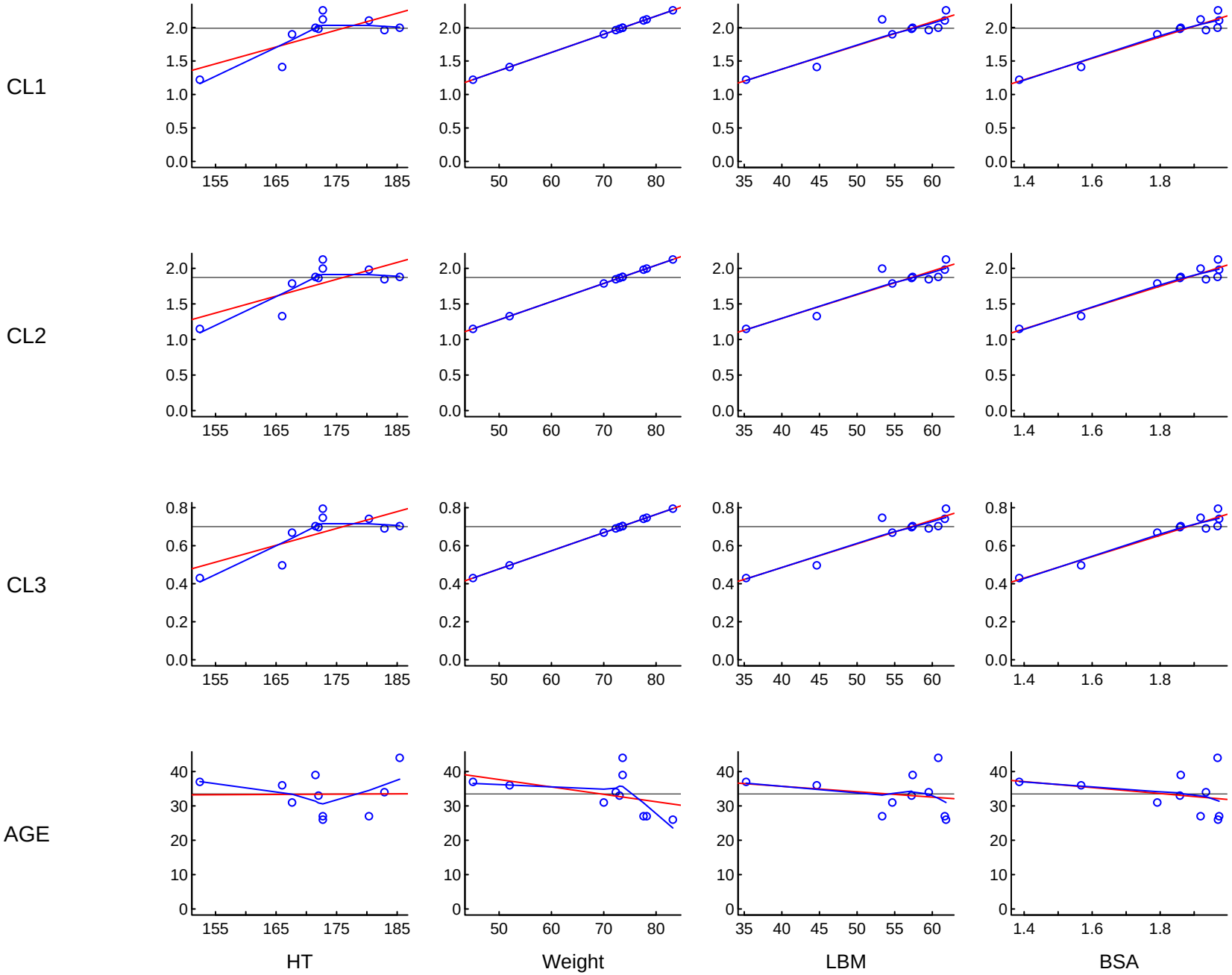
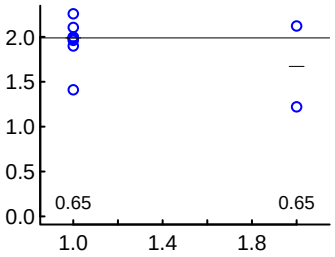


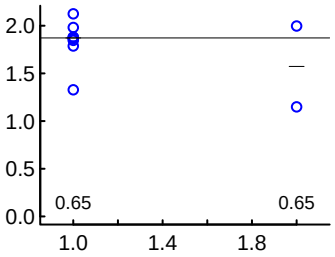
## Post Hoc Value vs. Covariates

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

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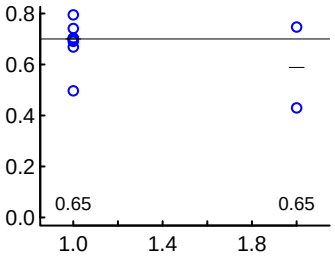
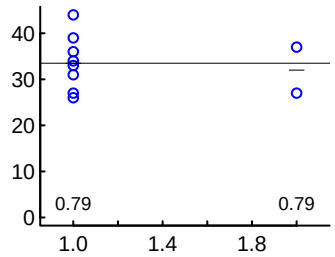
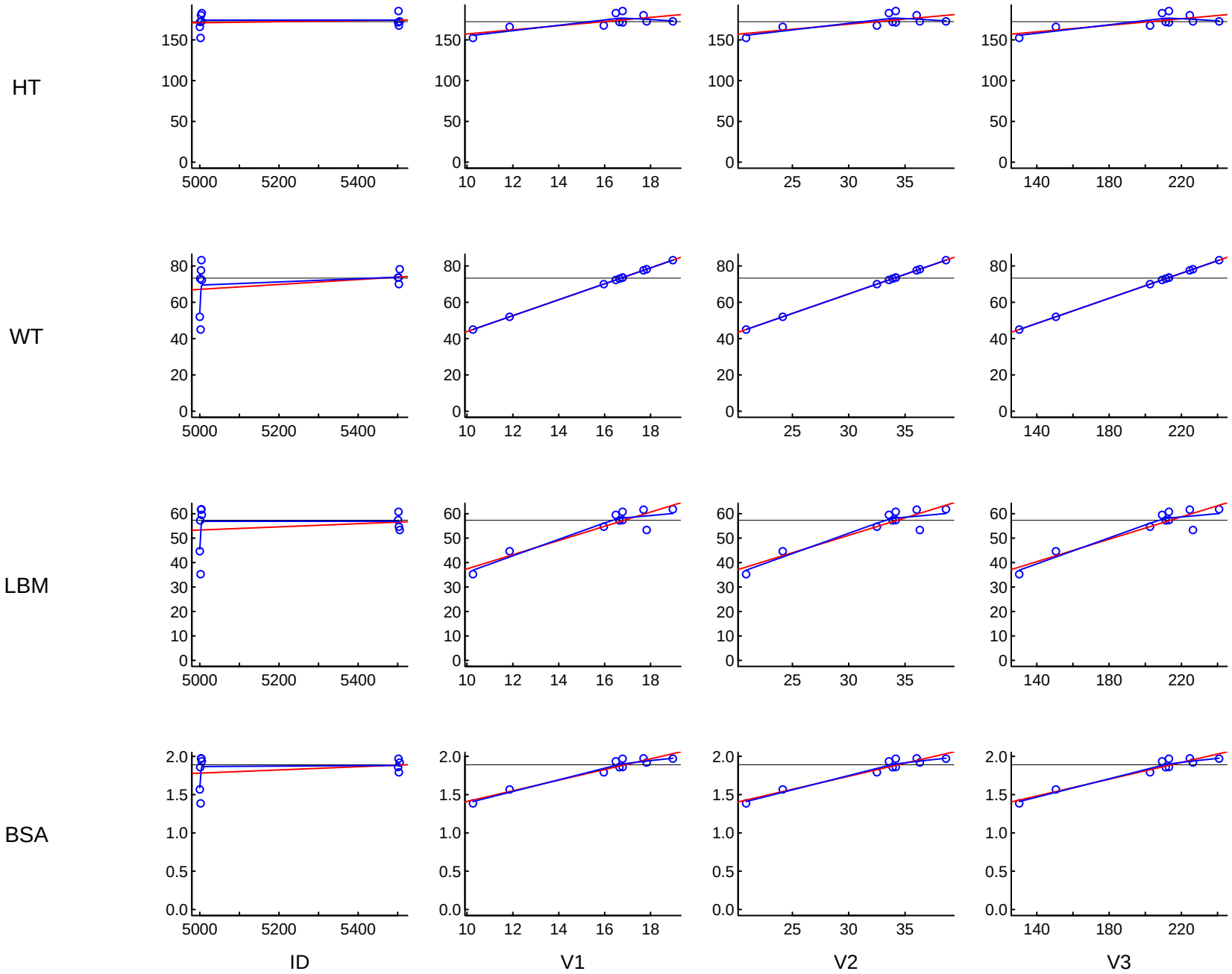



AGE




Gender (M=1; F=2)

# Post Hoc Value vs. Covariates

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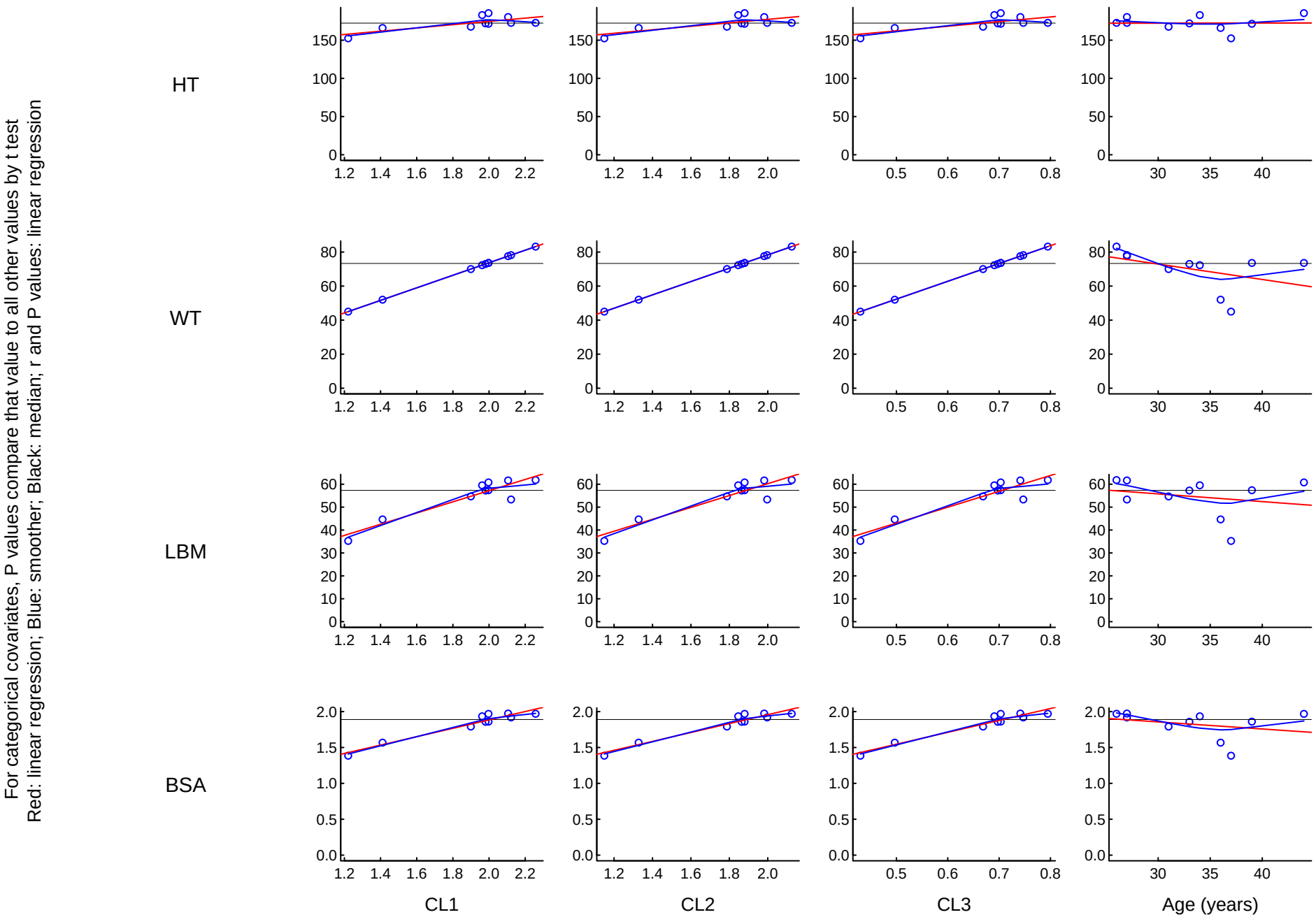


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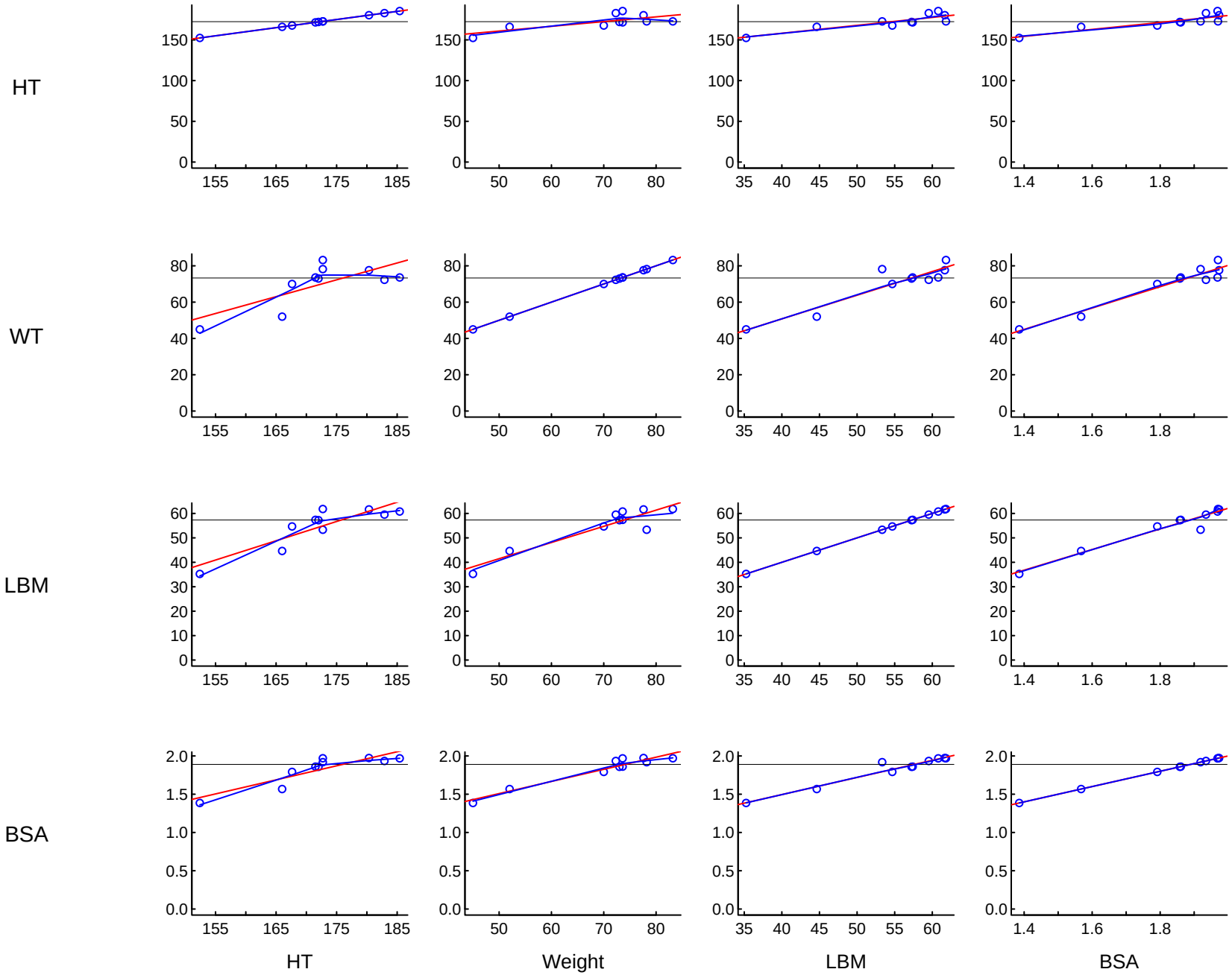
# "Control.Marsh.Simulation.txt" (1293.350)

## Post Hoc Value vs. Covariates

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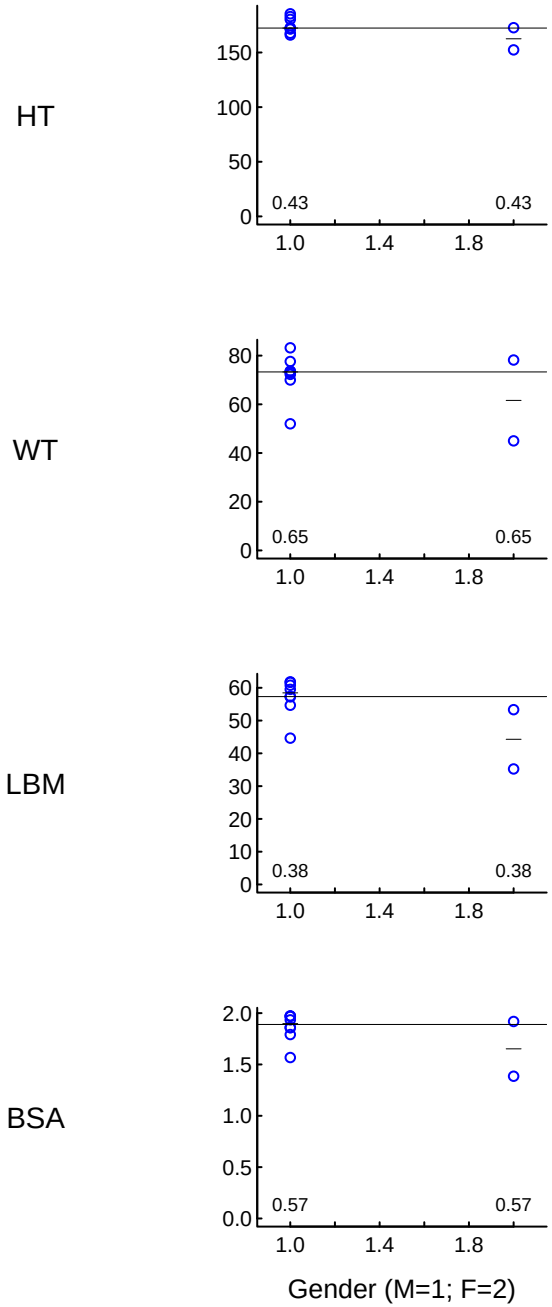
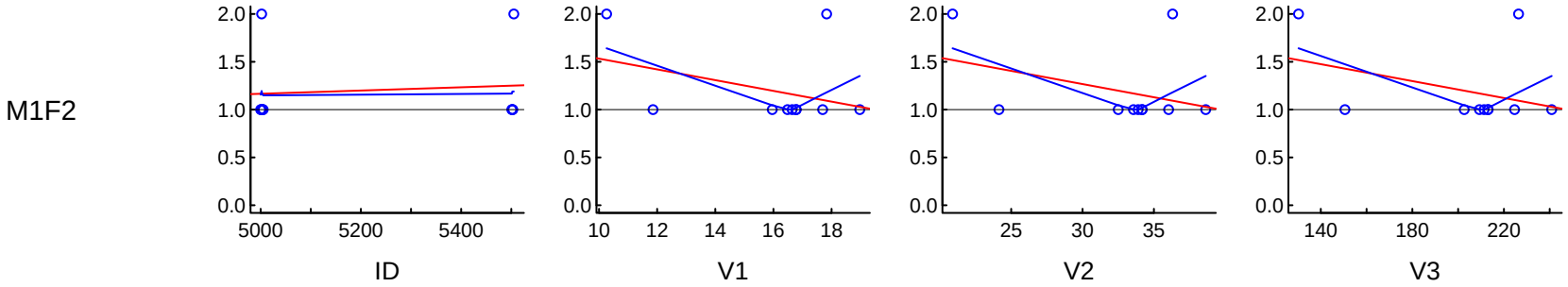
Red: linear regression; Blue: smoother; Black: median; r and P values: linear regression



# "Control.Marsh.Simulation.txt" (1293.350)

## Post Hoc Value vs. Covariates

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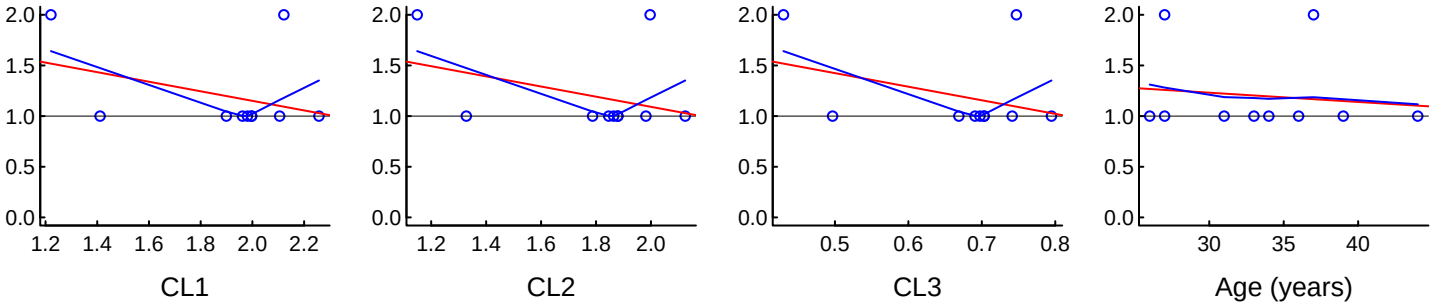
Red: linear regression; Blue: smoother; Black: median; r and P values: linear regression

# "Control.Marsh.Simulation.txt" (1293.350)

## Post Hoc Value vs. Covariates

M1F2

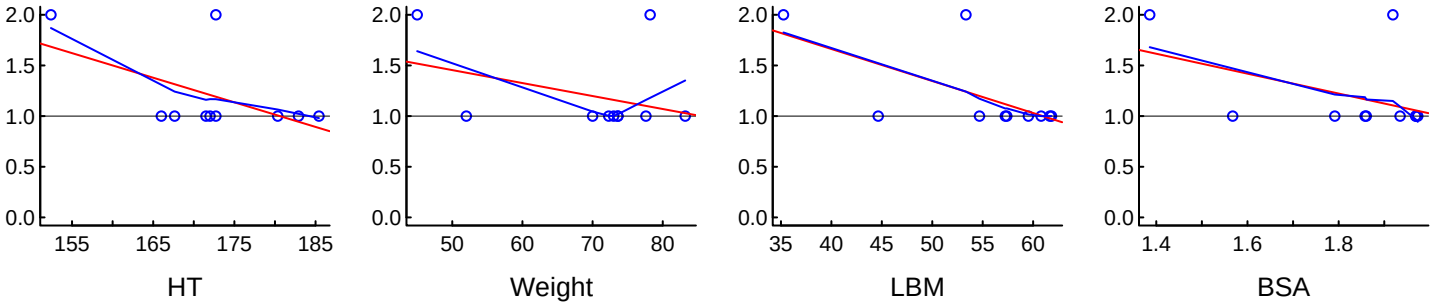



For categorical covariates, P values compare that value to all other values by t test
Red: linear regression; Blue: smoother; Black: median; r and P values: linear regression

# "Control.Marsh.Simulation.txt" (1293.350)

## Post Hoc Value vs. Covariates

M1F2

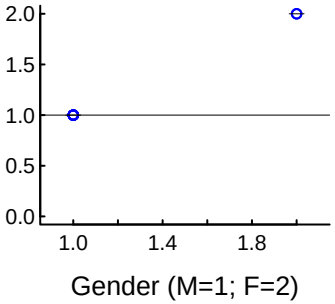



For categorical covariates, P values compare that value to all other values by t test
Red: linear regression; Blue: smoother; Black: median; r and P values: linear regression

"Control.Marsh.Simulation.txt" (1293.350)

Post Hoc Value vs. Covariates

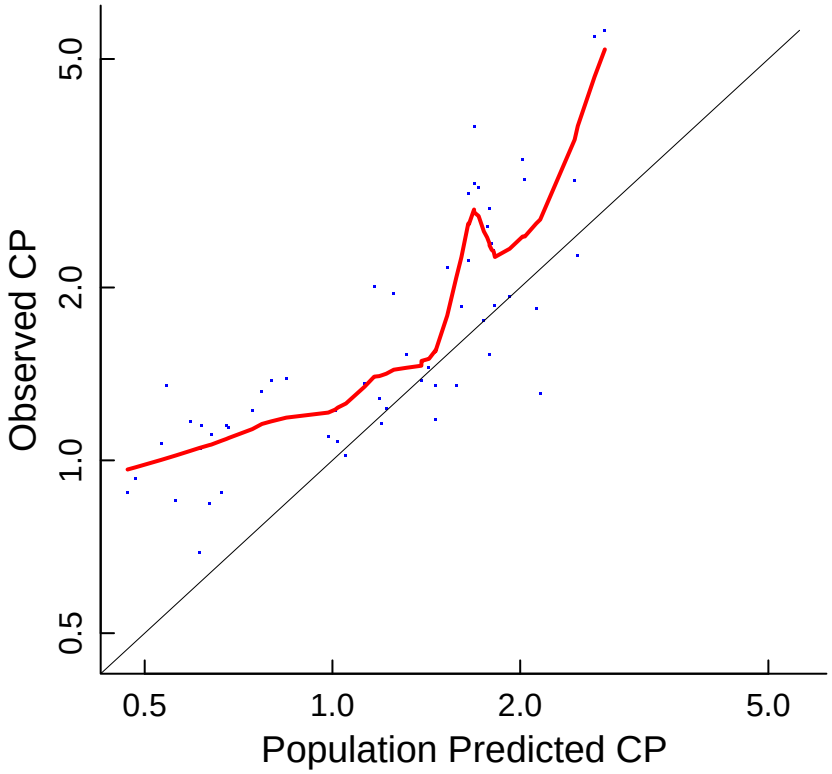
M1F2

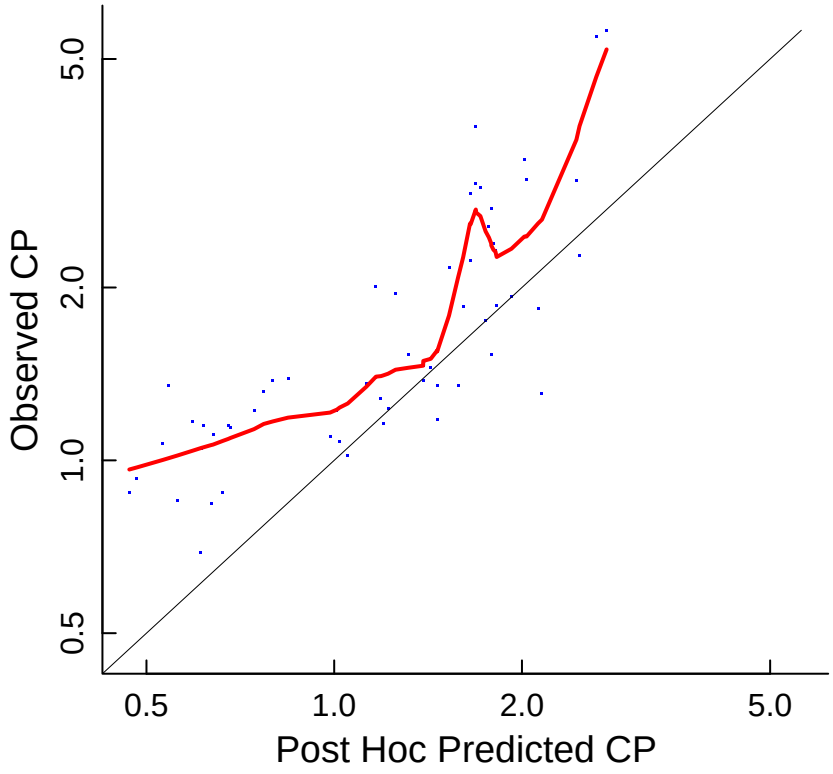



For categorical covariates, P values compare that value to all other values by t test
Red: linear regression; Blue: smoother; Black: median; r and P values: linear regression

"Control.Marsh.Simulation.txt" (1293.350)

Goodness of fit

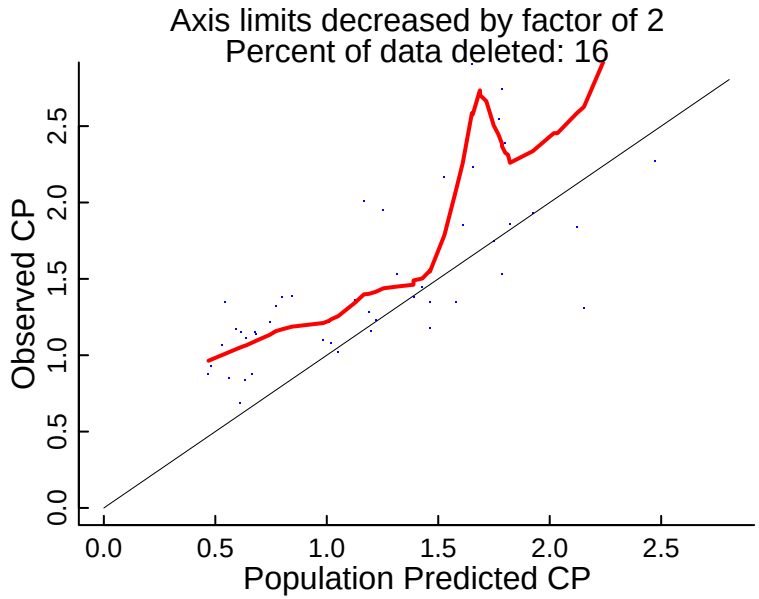


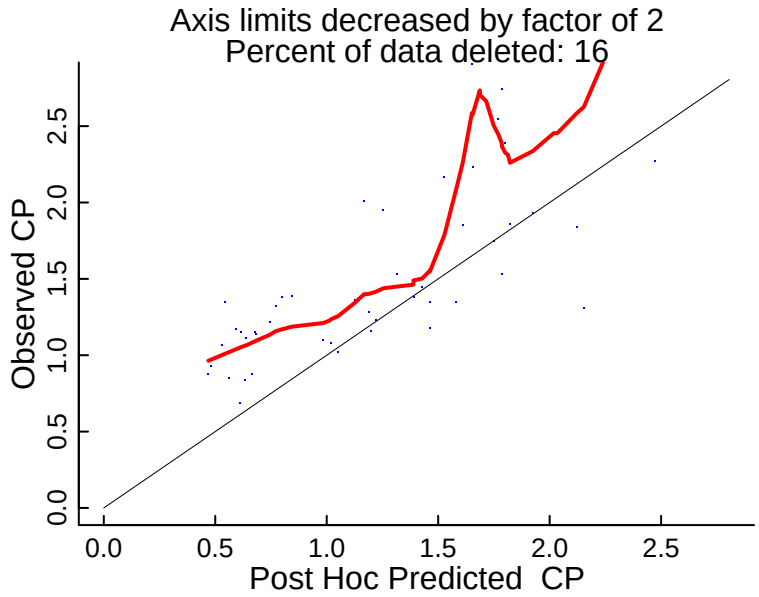



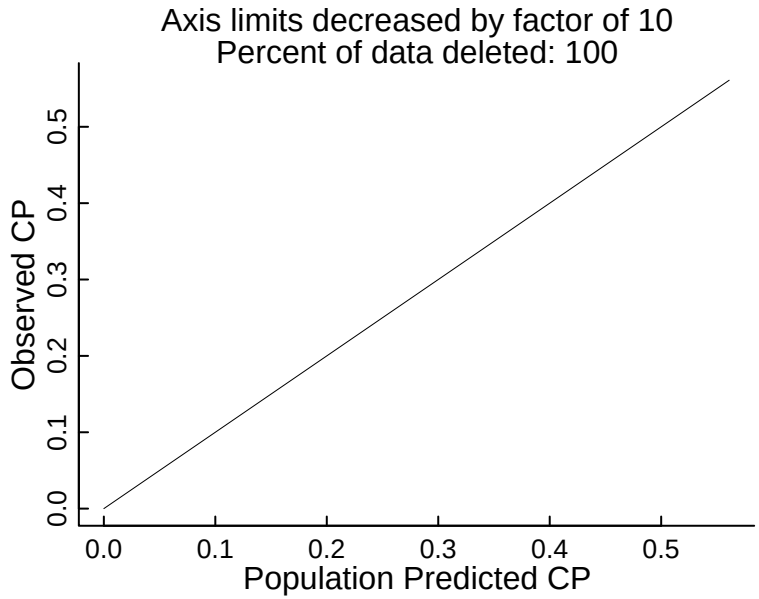

Black: line of unity; Red: smoother

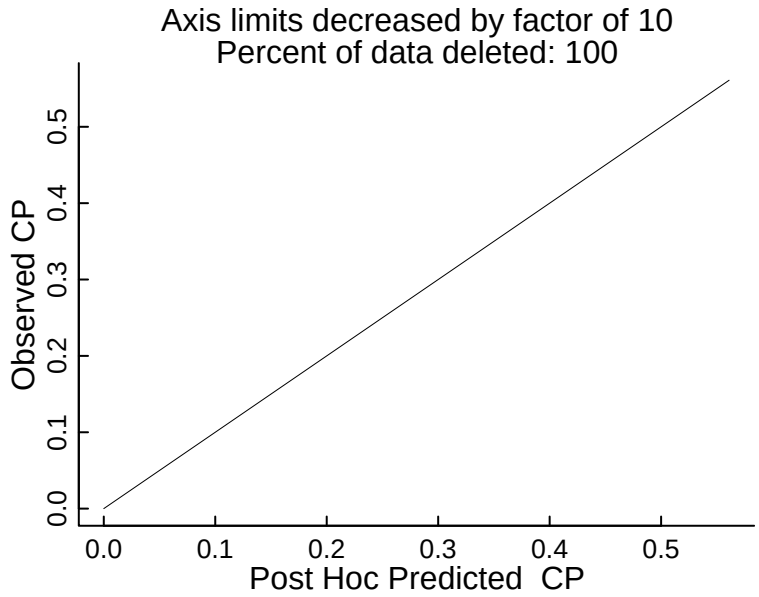
# "Control.Marsh.Simulation.txt" (1293.350)

## Goodness of fit: X and Y axes truncated



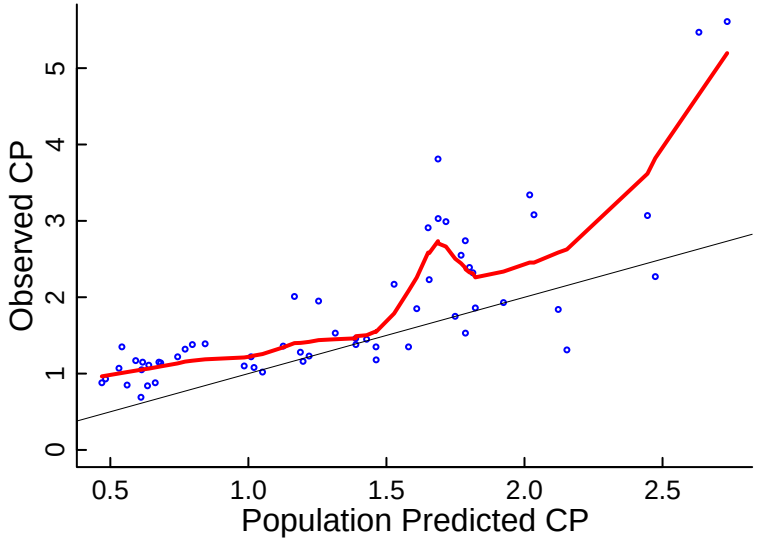



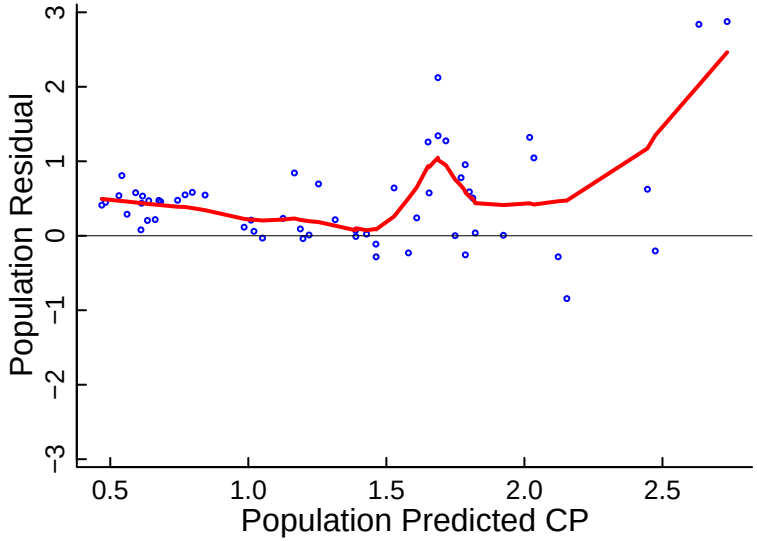




Black: line of unity; Red: smoother

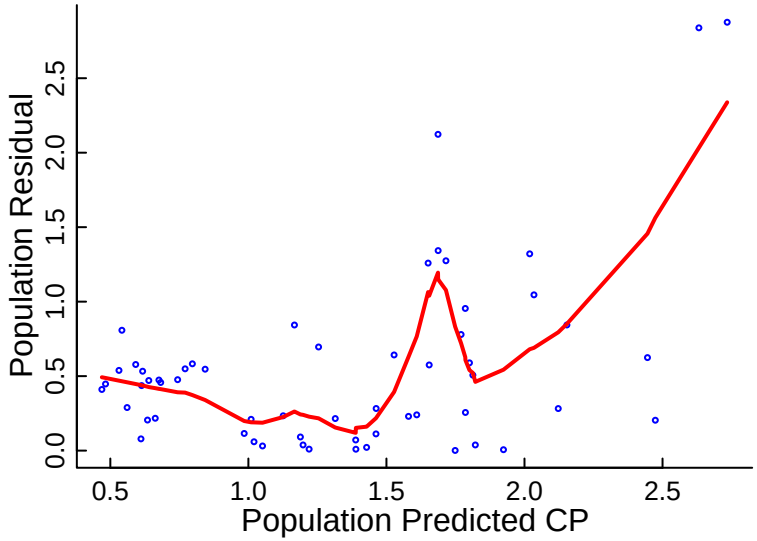
# "Control.Marsh.Simulation.txt" (1293.350)

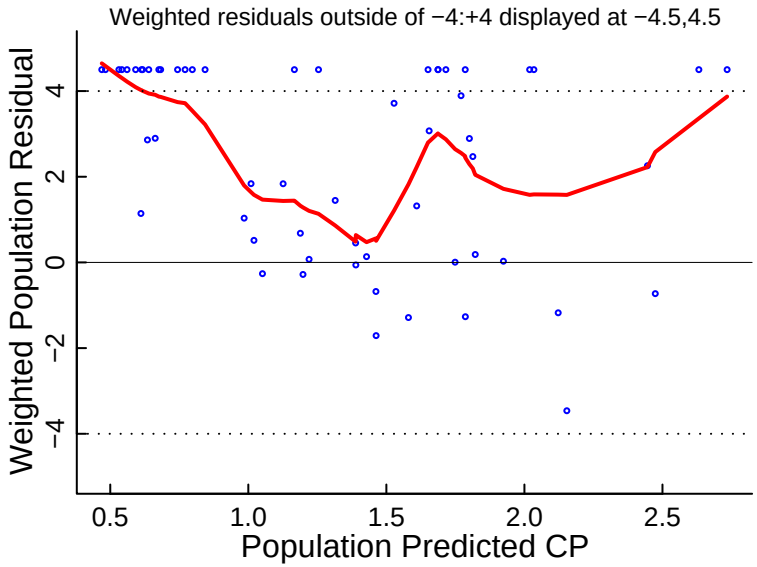
## Goodness of population fit



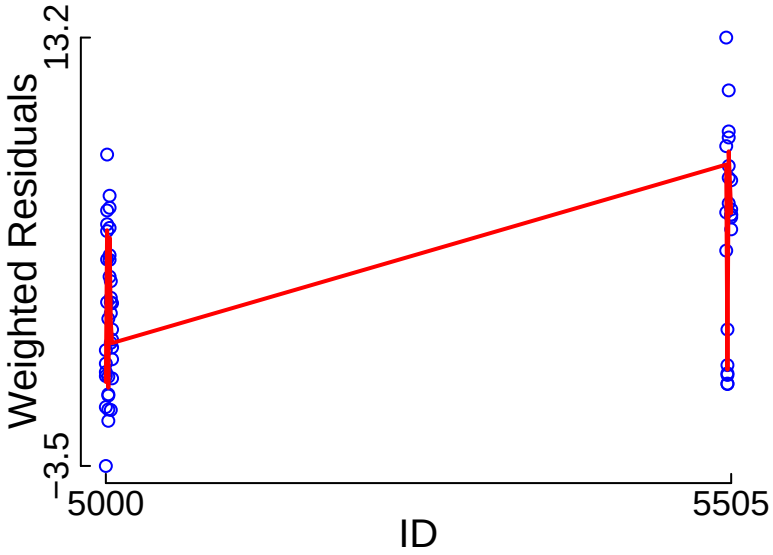

Red: smoother

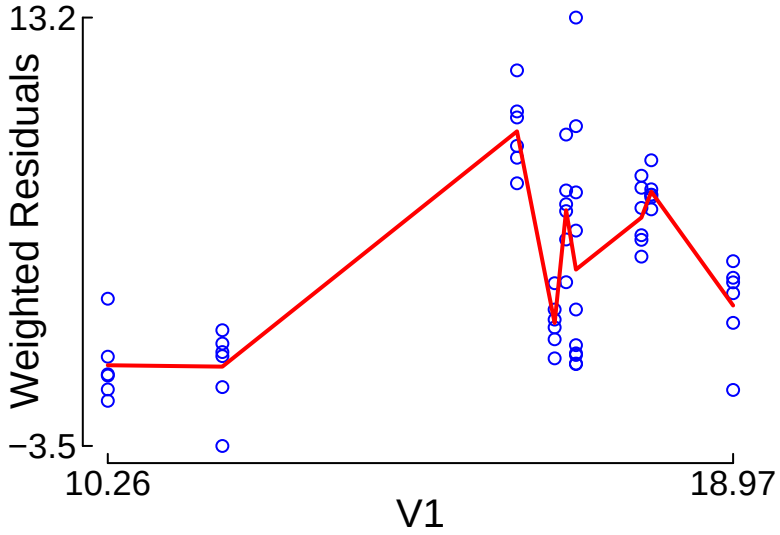


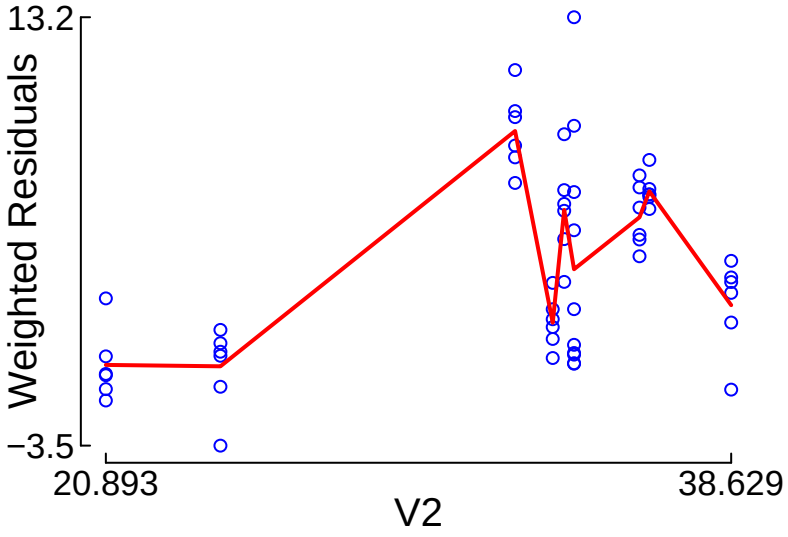



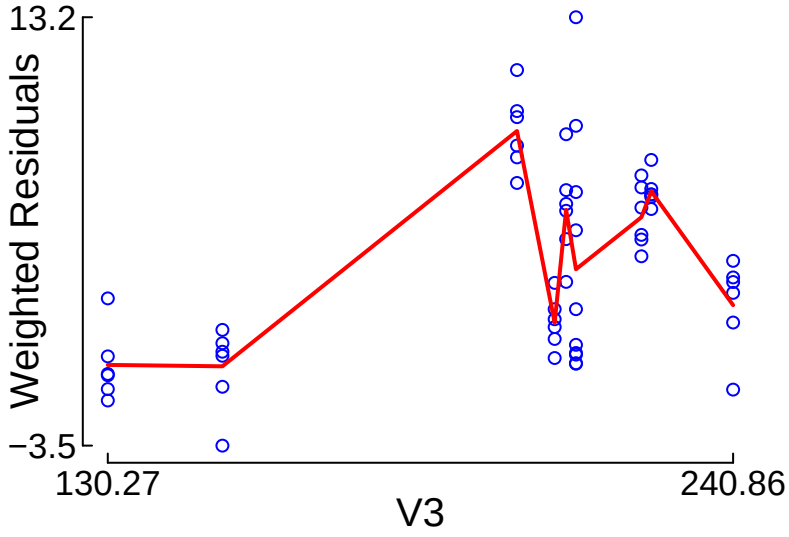
"Control.Marsh.Simulation.txt" (1293.350)

vs. Weighted Residuals




Red: smoother

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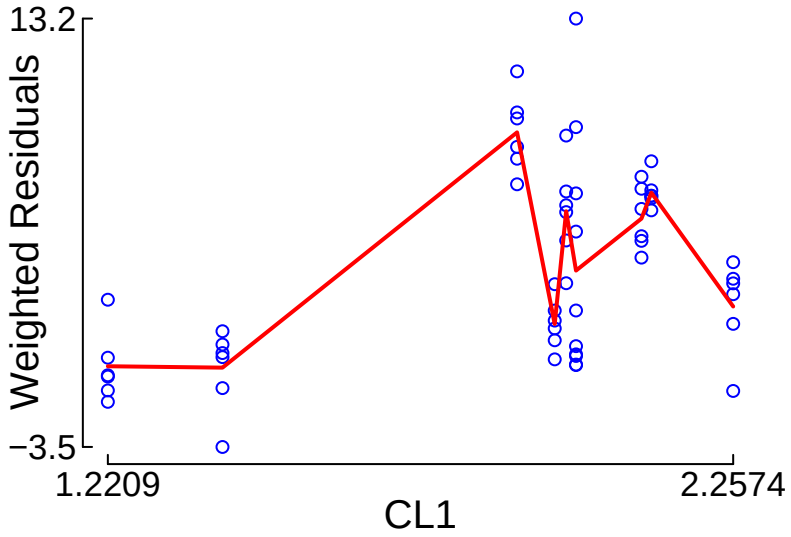
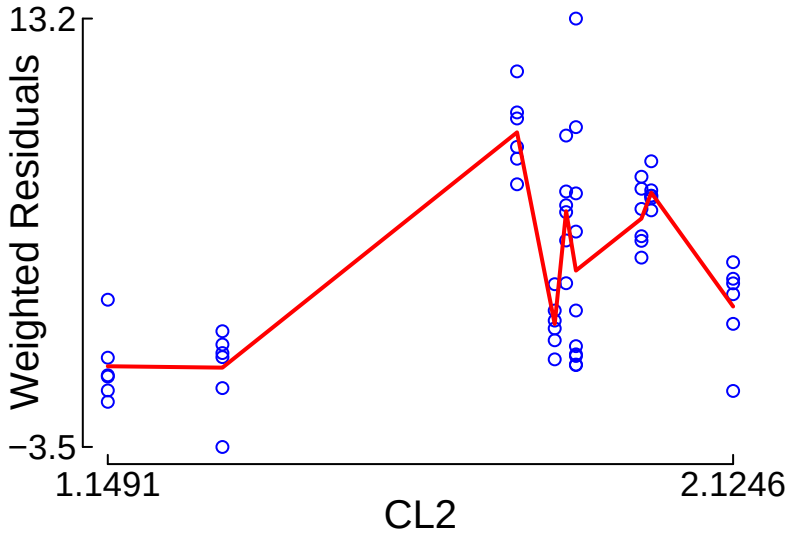
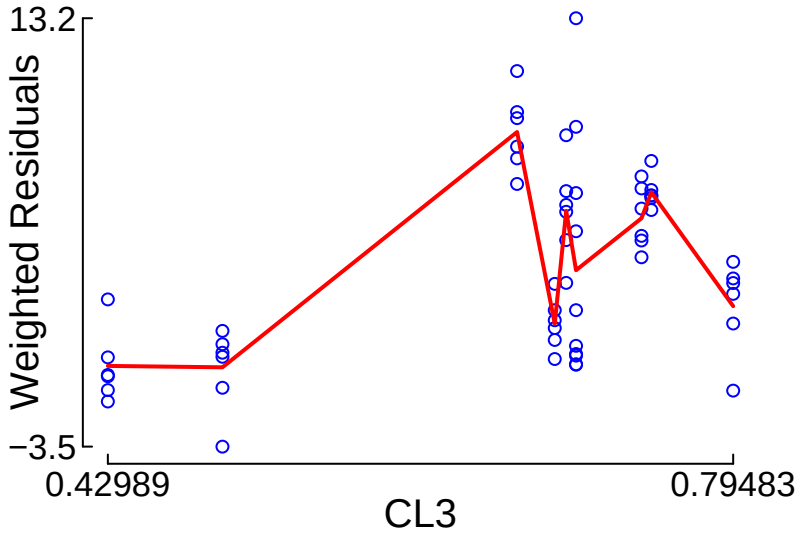
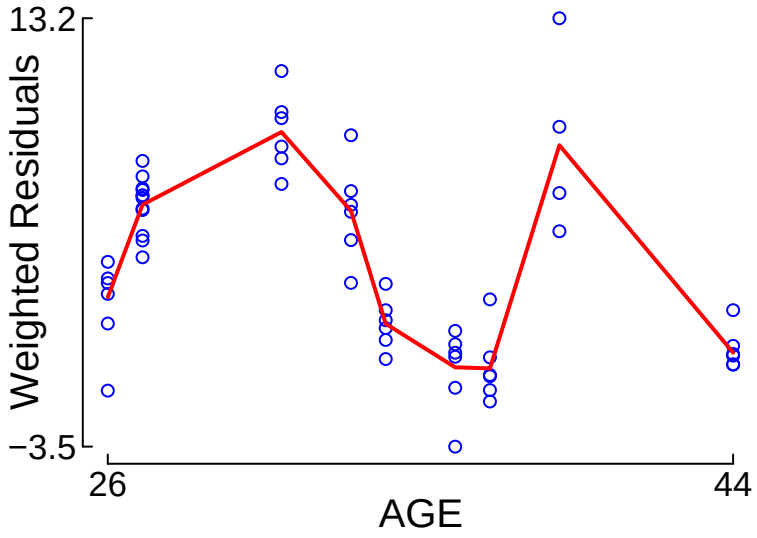
"Control.Marsh.Simulation.txt" (1293.350)
vs. Weighted Residuals

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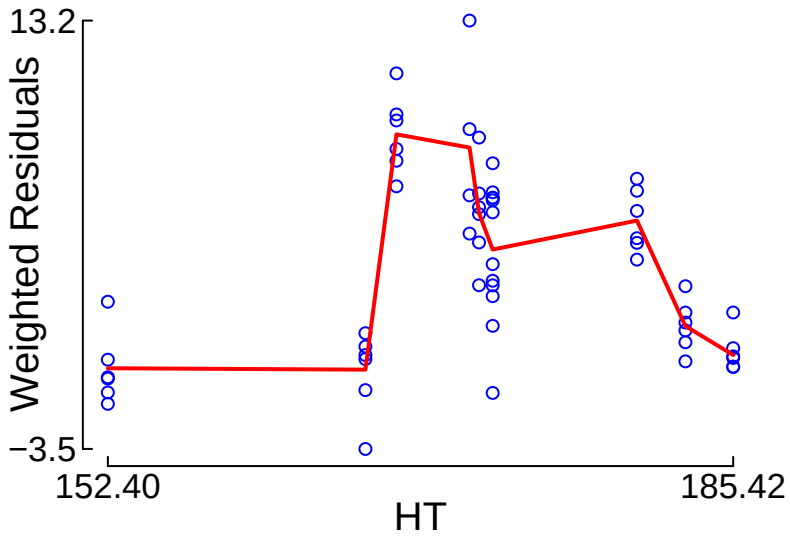
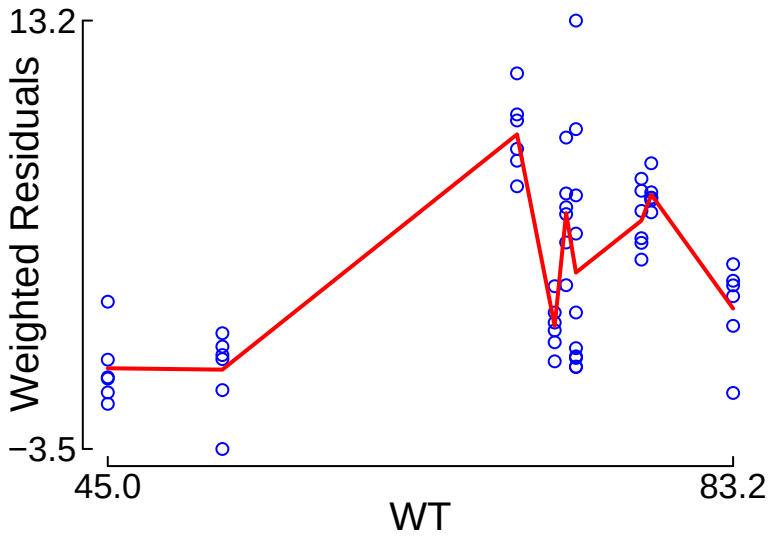
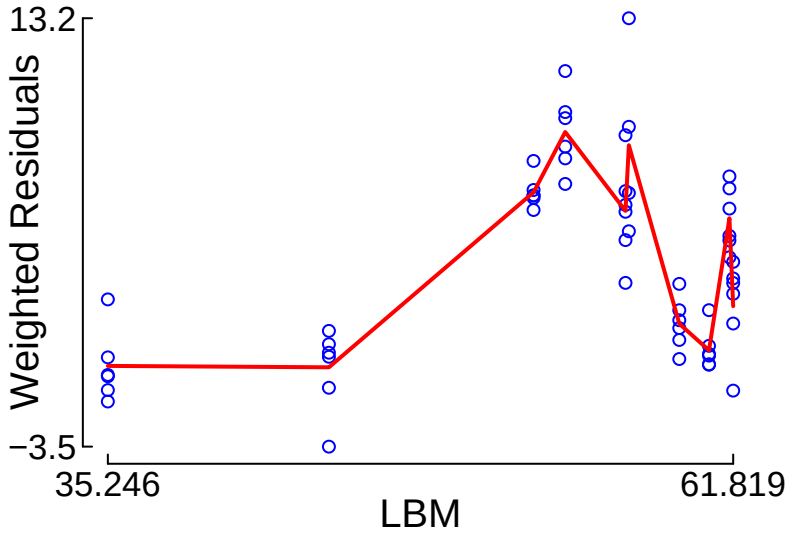
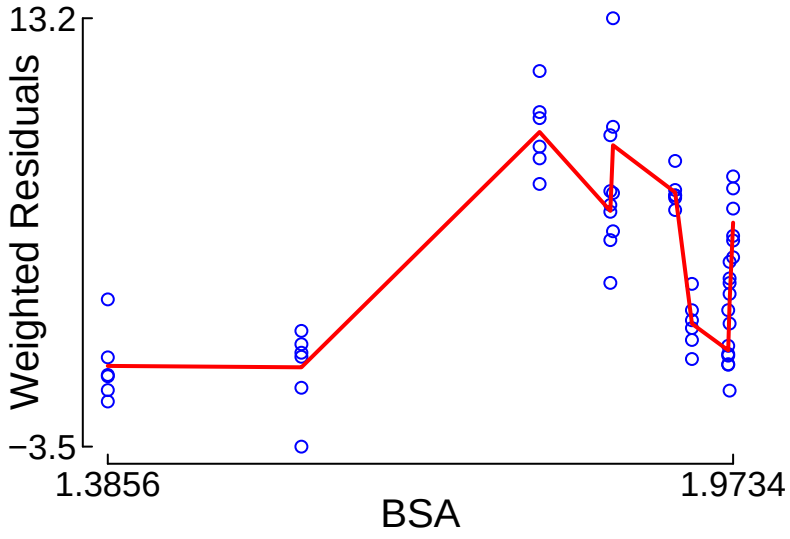
"Control.Marsh.Simulation.txt" (1293.350)
vs. Weighted Residuals

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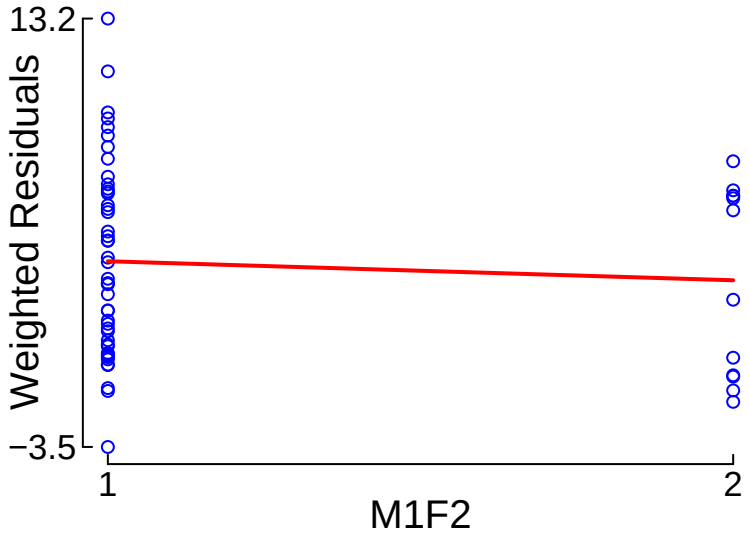
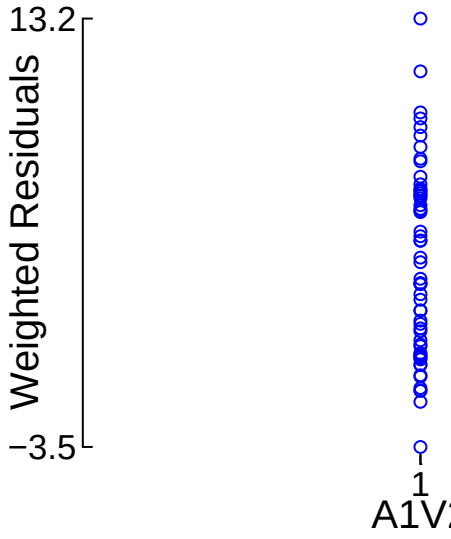
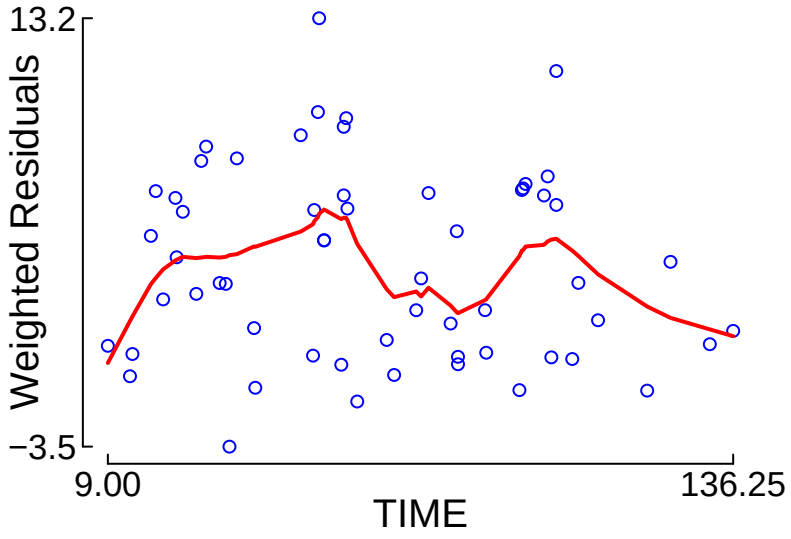
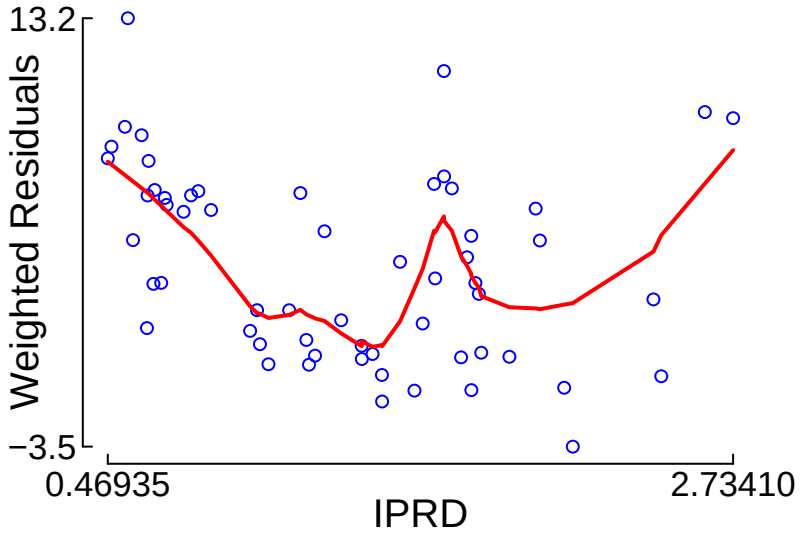
"Control.Marsh.Simulation.txt" (1293.350)
vs. Weighted Residuals




Red: smoother

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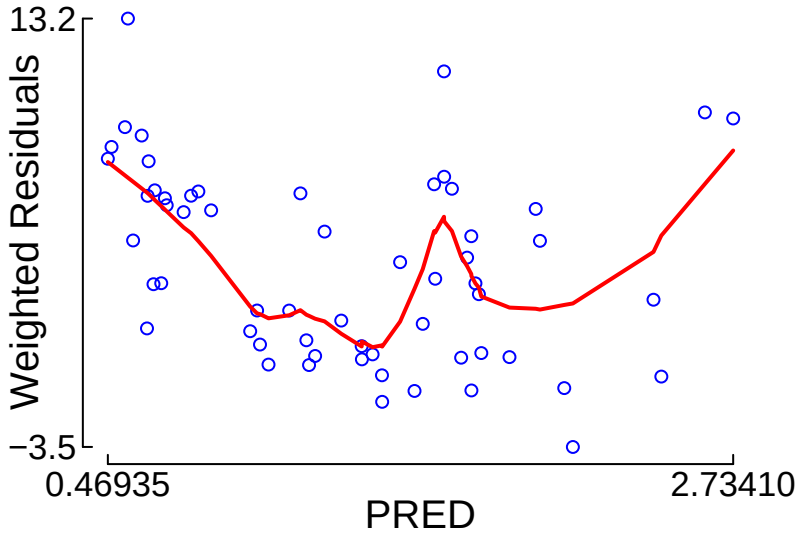
"Control.Marsh.Simulation.txt" (1293.350)
vs. Weighted Residuals

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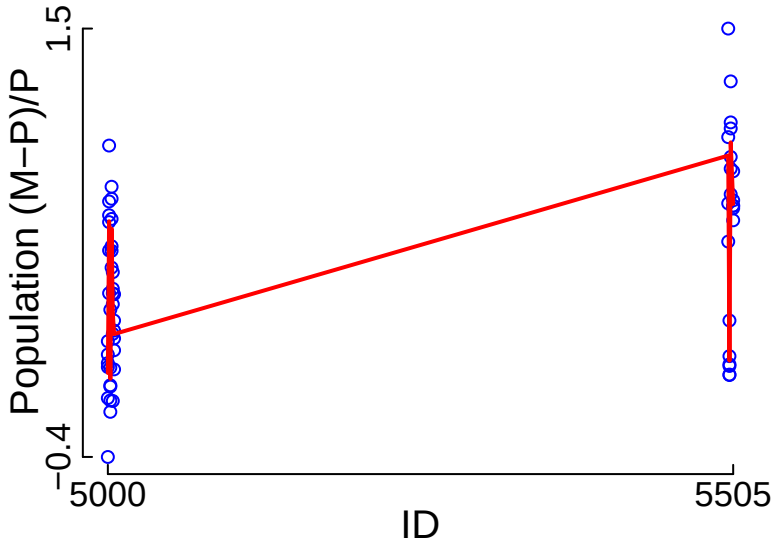
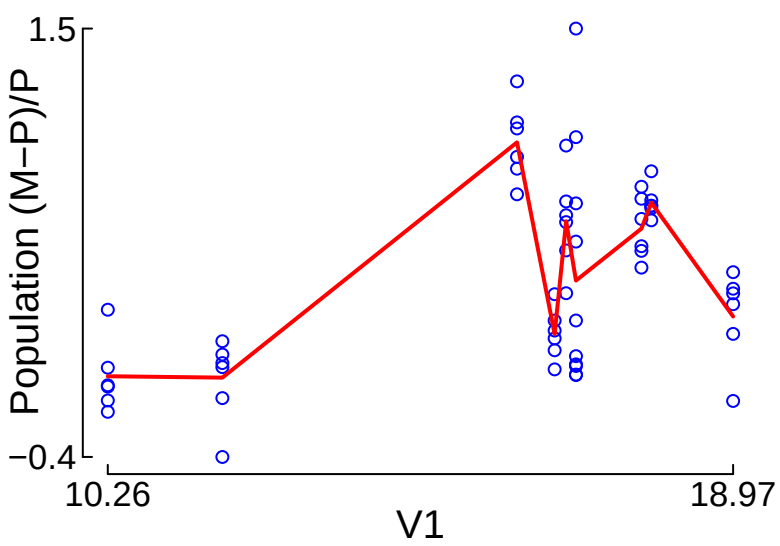
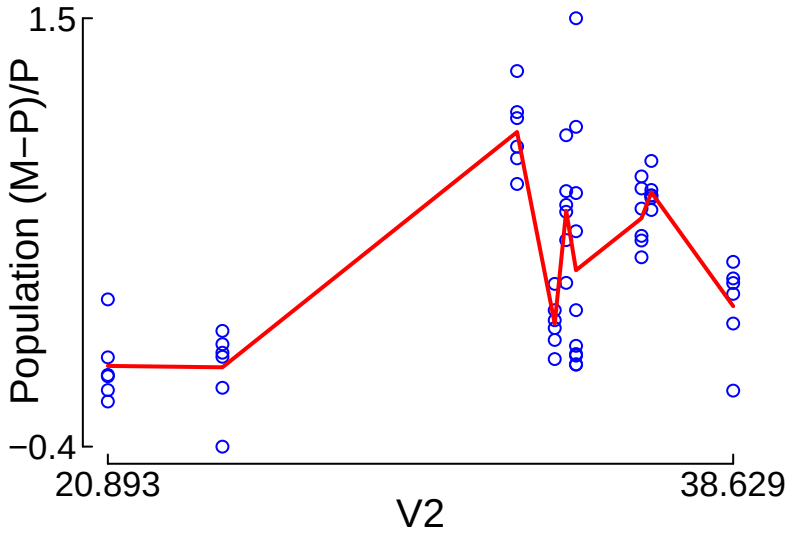
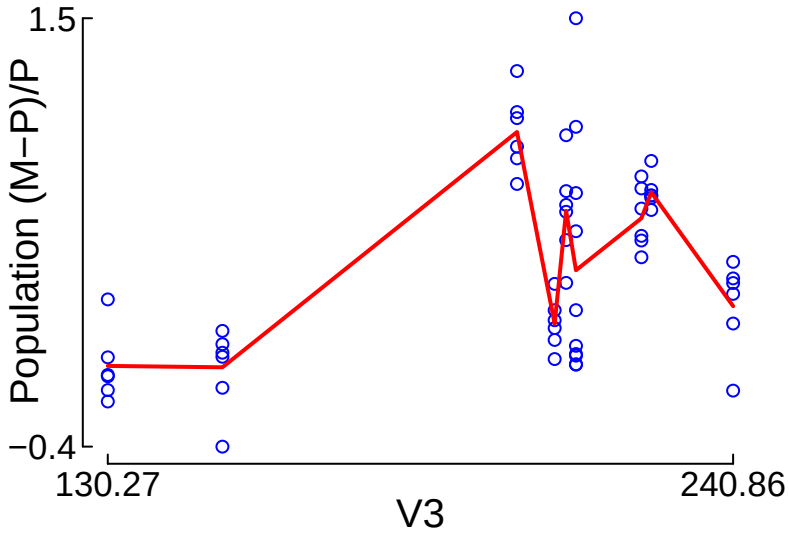
"Control.Marsh.Simulation.txt" (1293.350)

vs. Population (M−P)/P



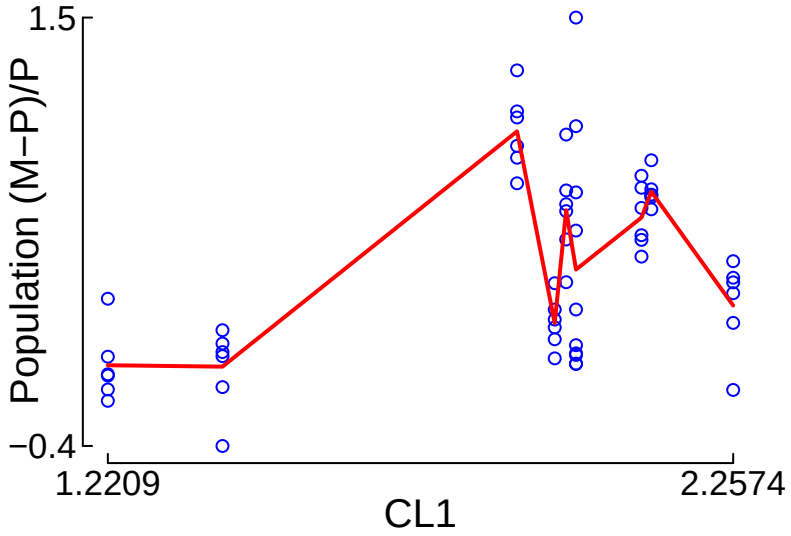



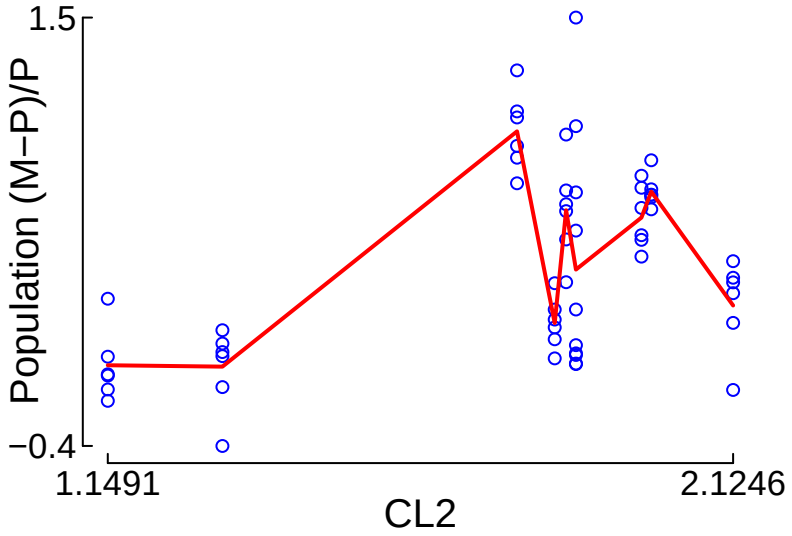



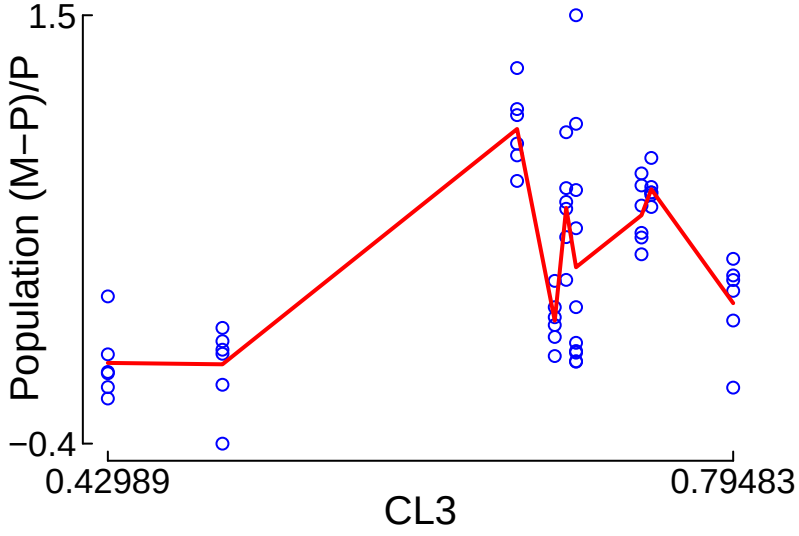



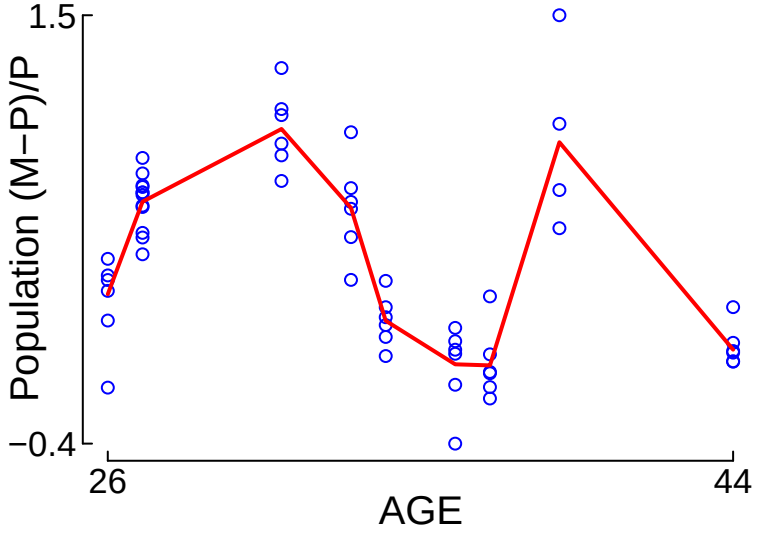

Red: smoother

"Control.Marsh.Simulation.txt" (1293.350)
vs. Population (M−P)/P

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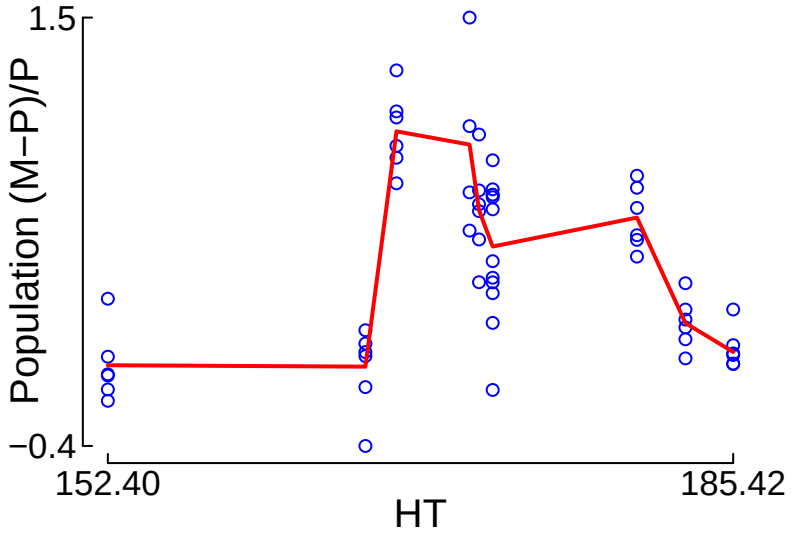
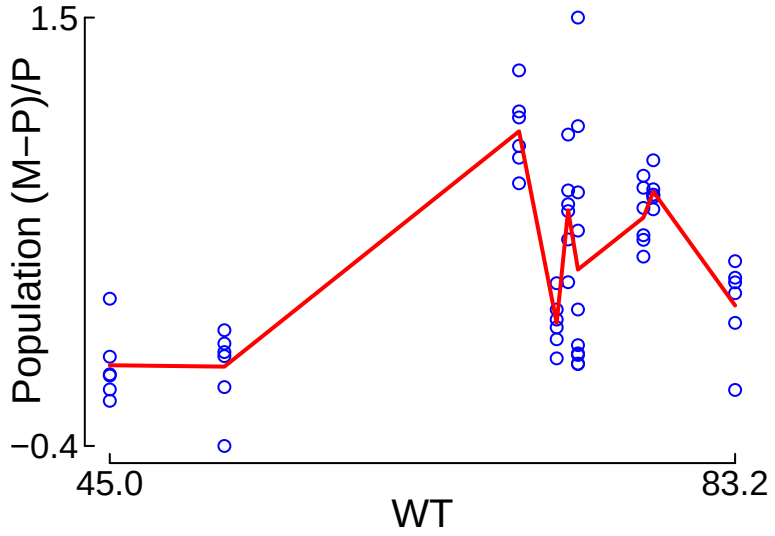
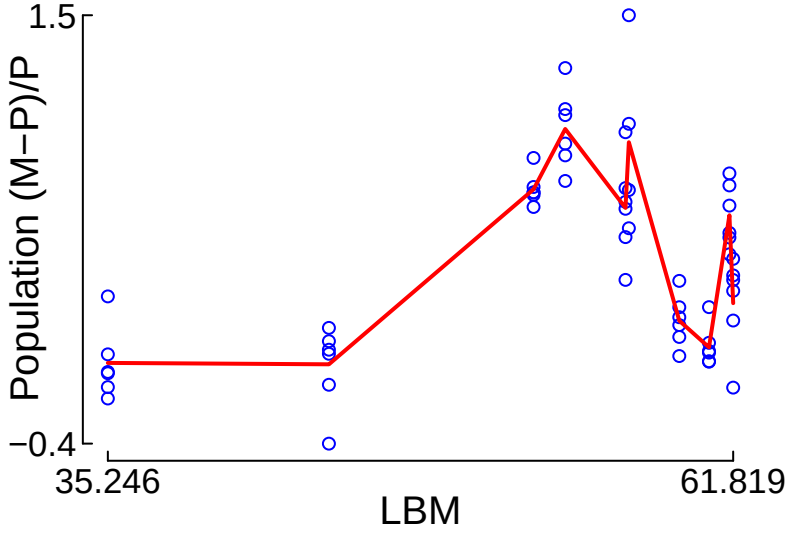
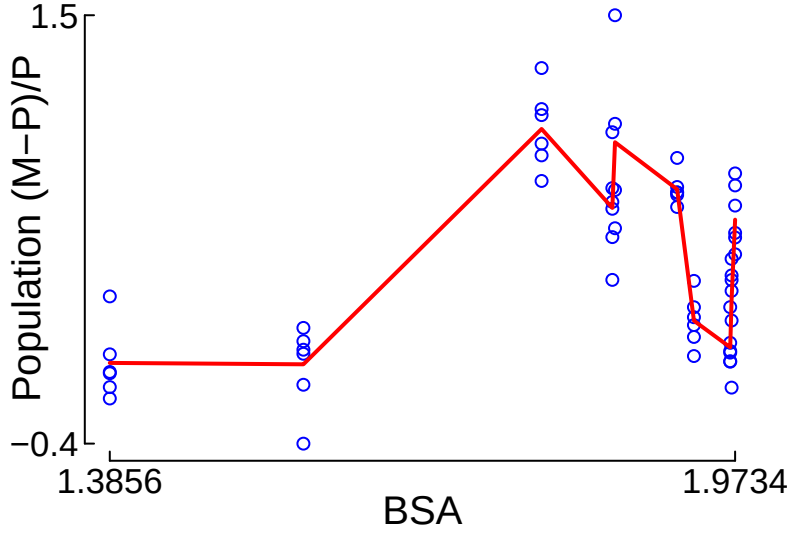
"Control.Marsh.Simulation.txt" (1293.350)

vs. Population (M−P)/P



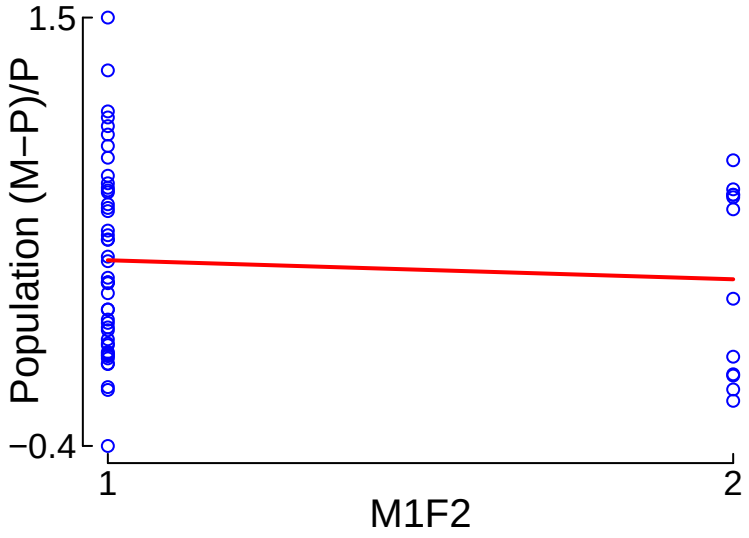



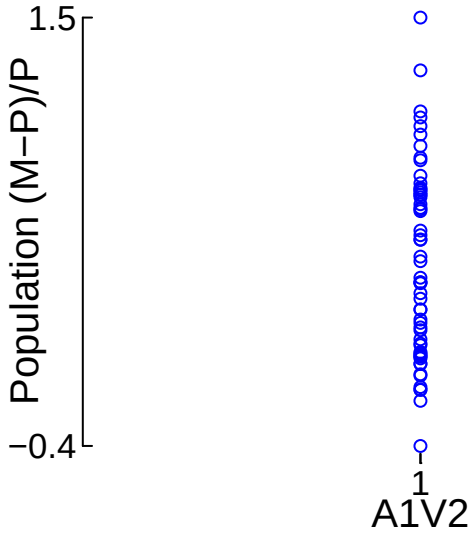



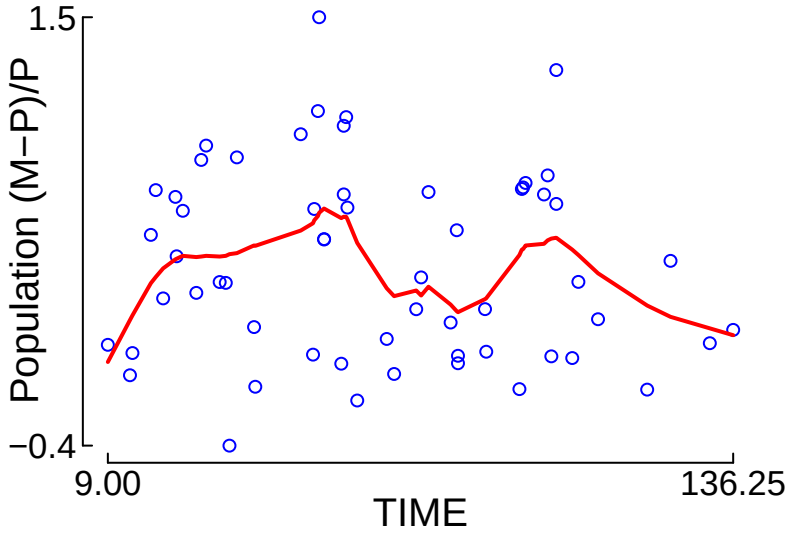



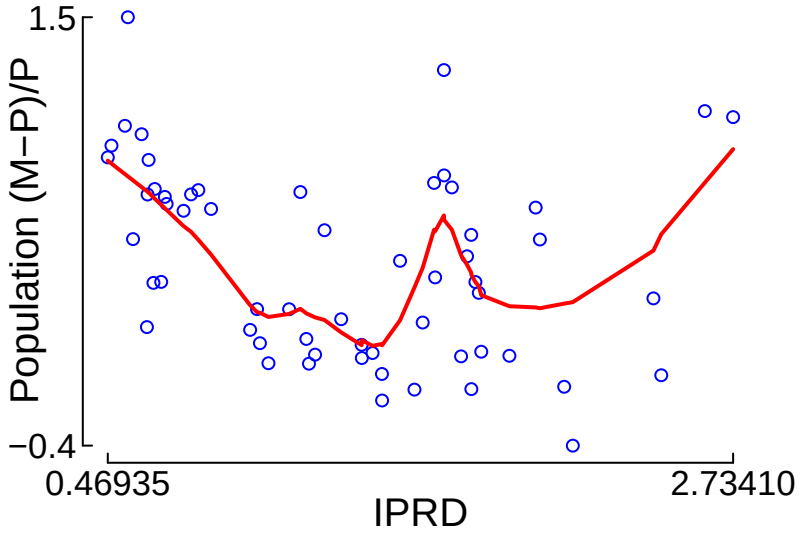

Red: smoother

"Control.Marsh.Simulation.txt" (1293.350)
vs. Population (M−P)/P




Red: smoother

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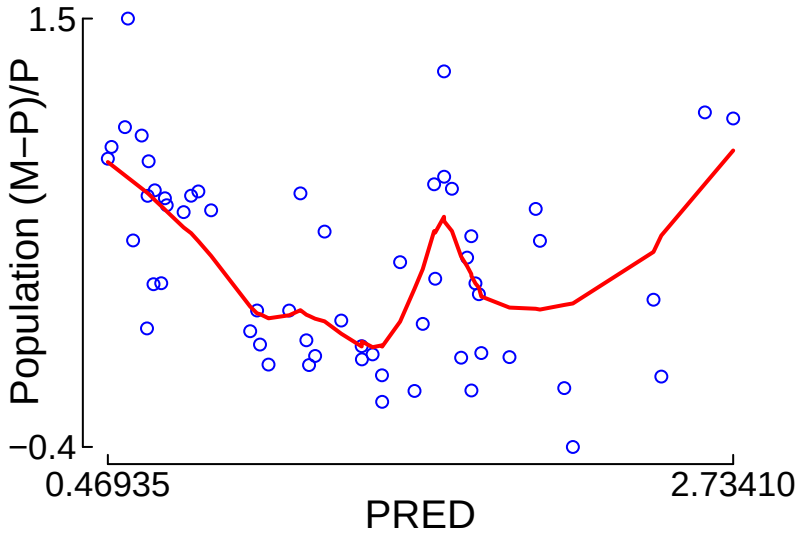
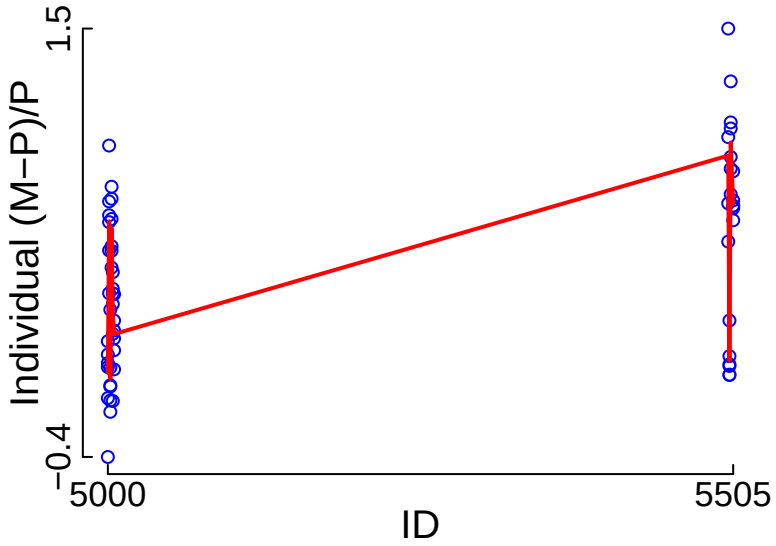
"Control.Marsh.Simulation.txt" (1293.350)
vs. Population (M−P)/P

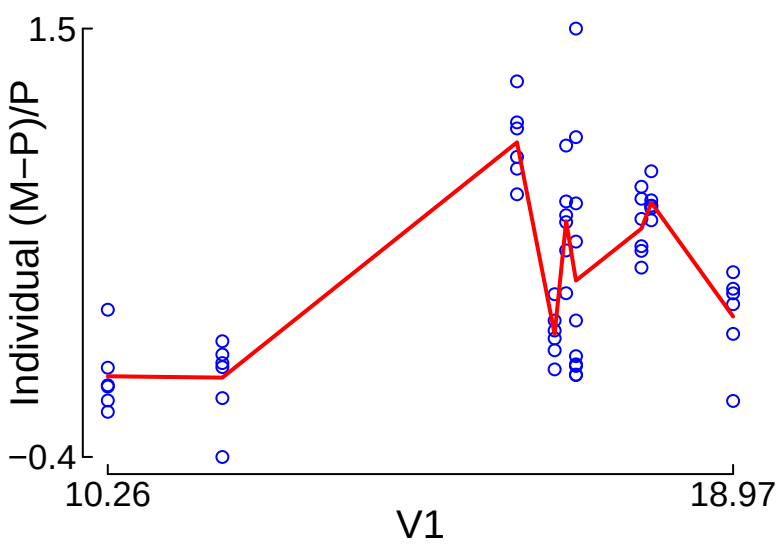


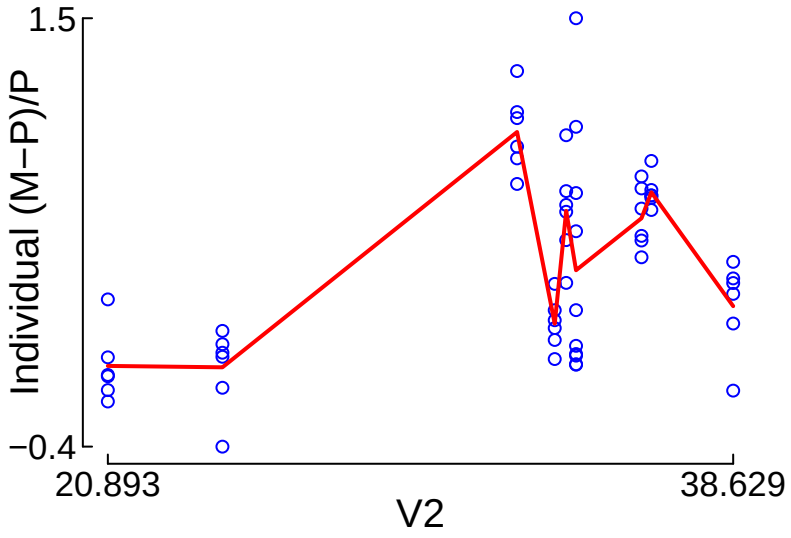

Red: smoother

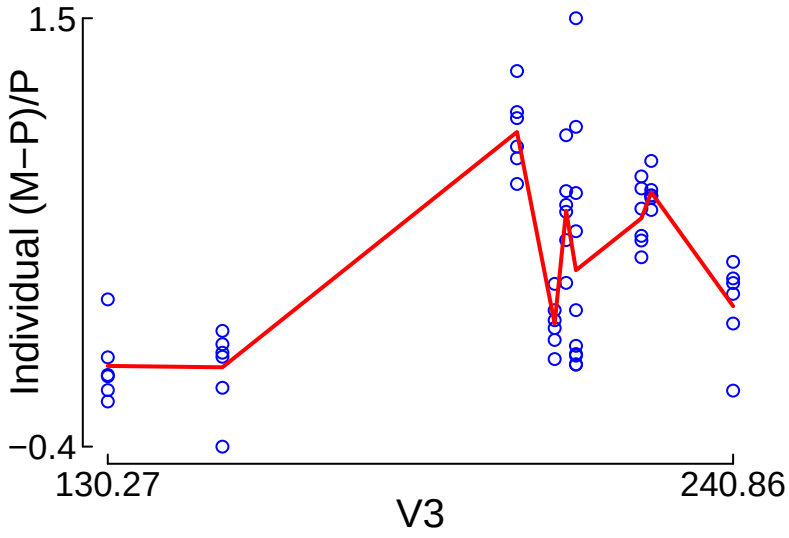
"Control.Marsh.Simulation.txt" (1293.350)

vs. Individual (M−P)/P



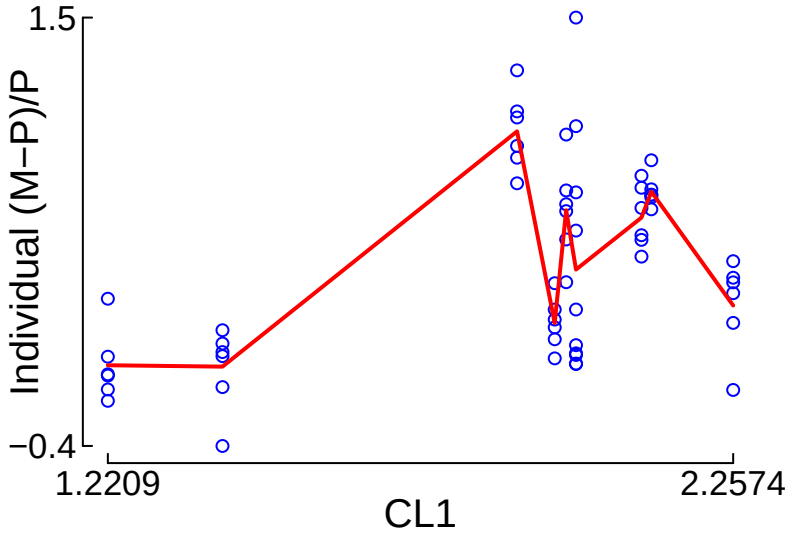



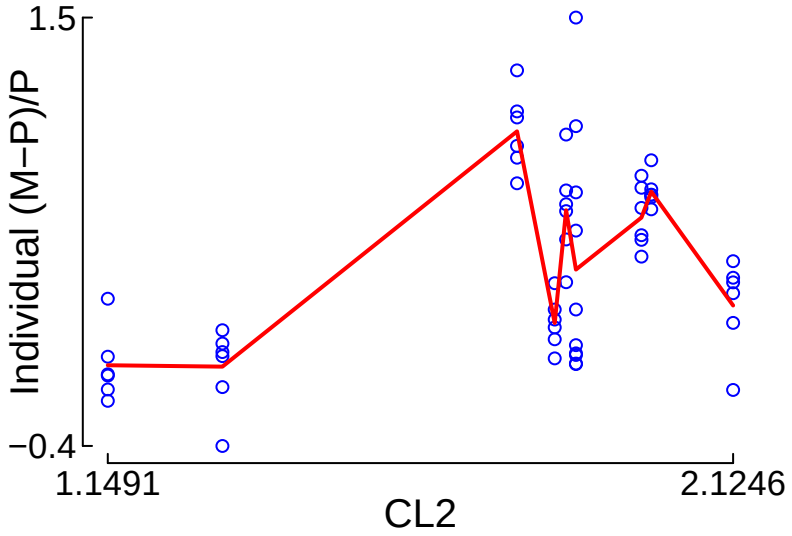



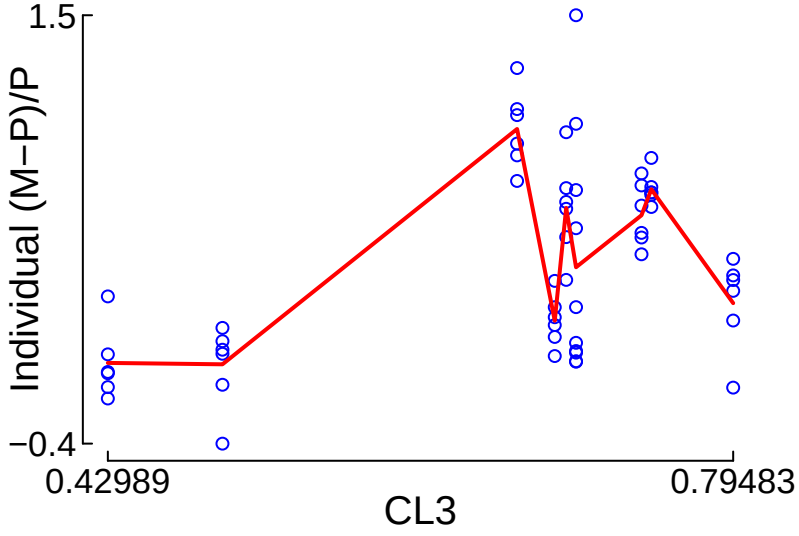



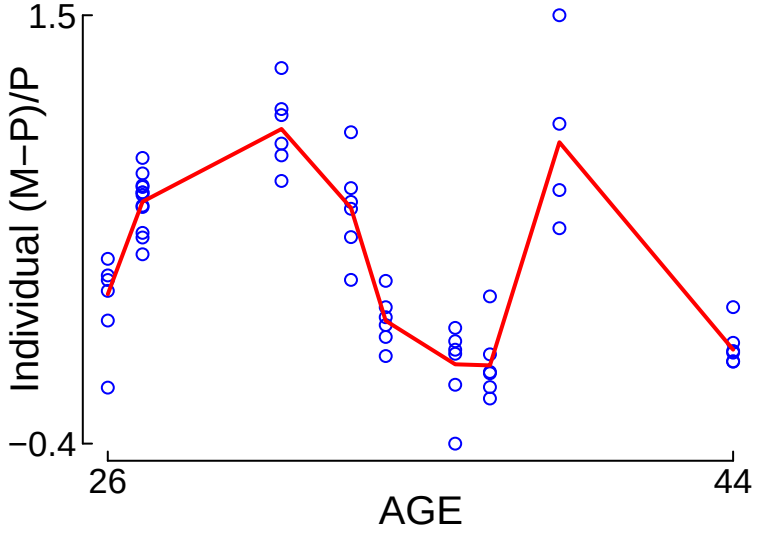

Red: smoother

"Control.Marsh.Simulation.txt" (1293.350)
vs. Individual (M−P)/P

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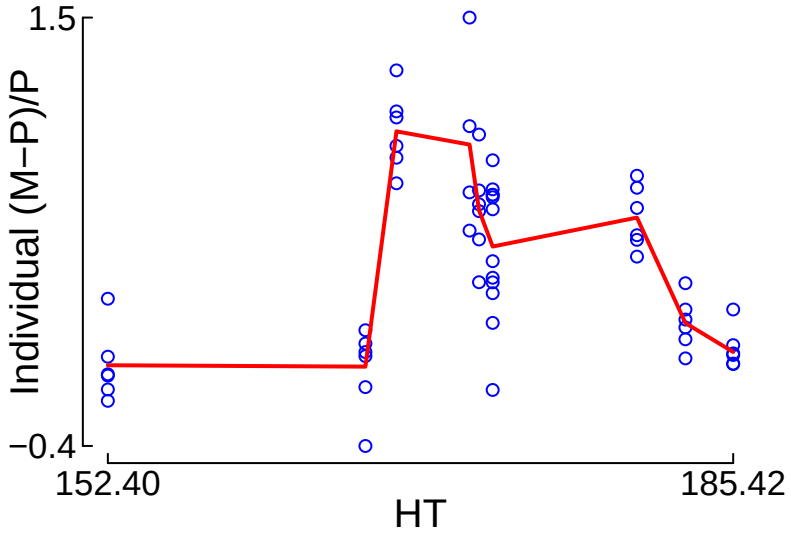
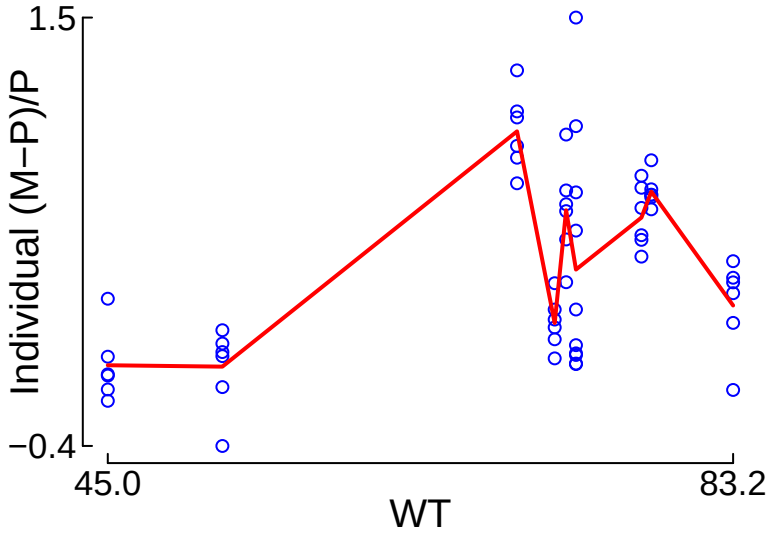
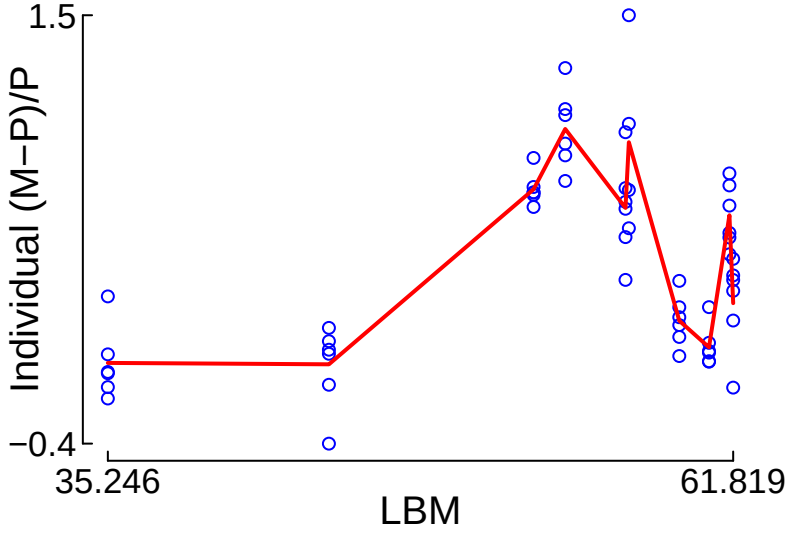
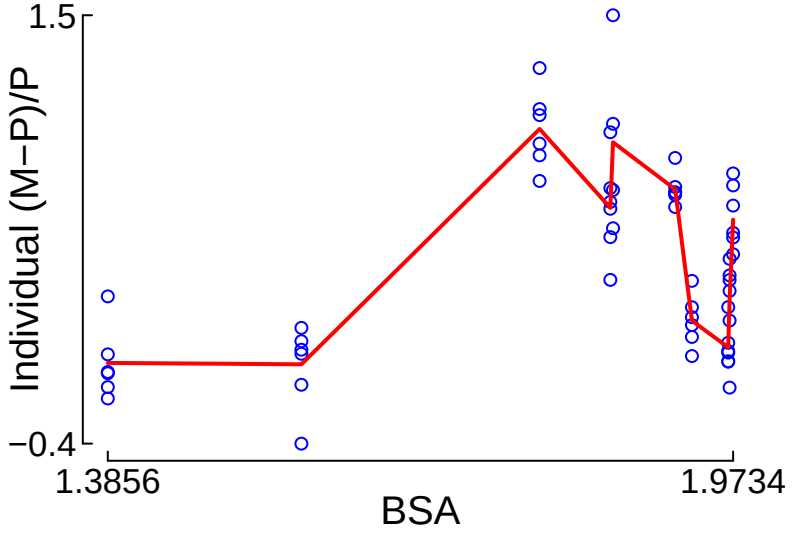
"Control.Marsh.Simulation.txt" (1293.350)

vs. Individual (M−P)/P

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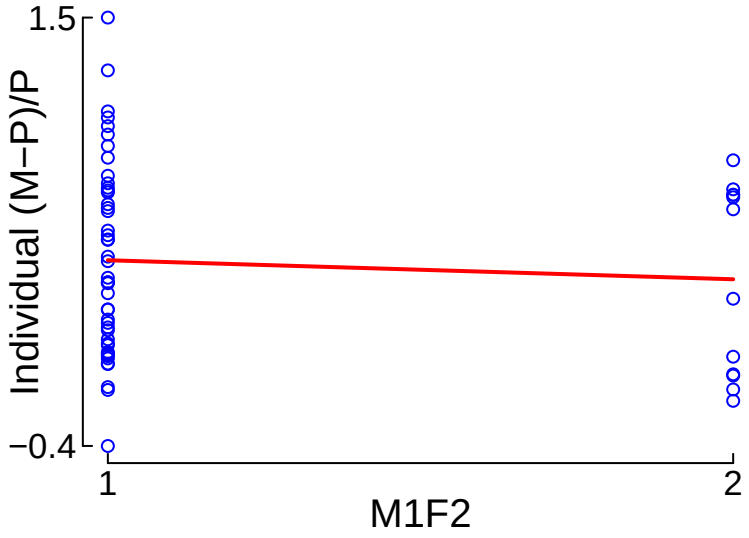
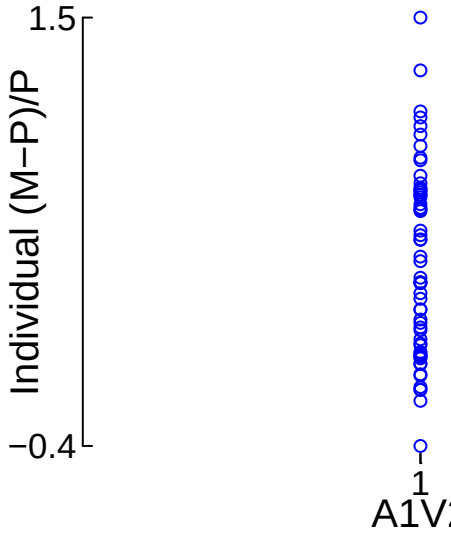
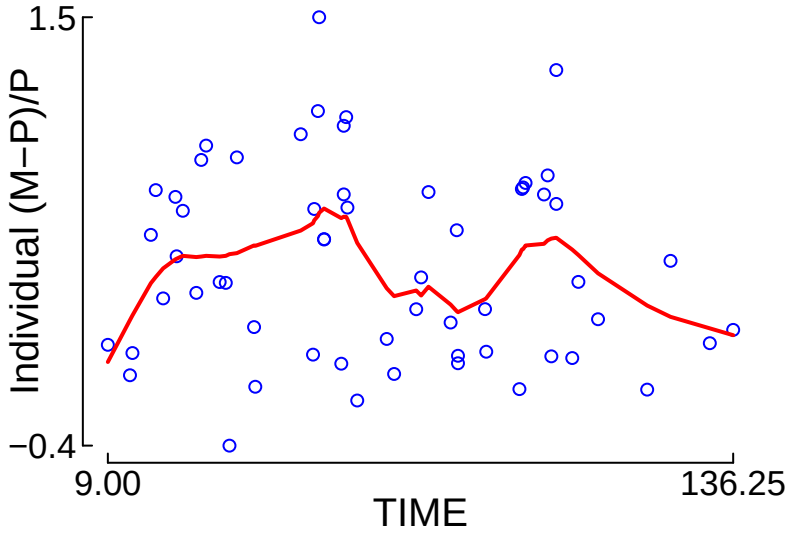
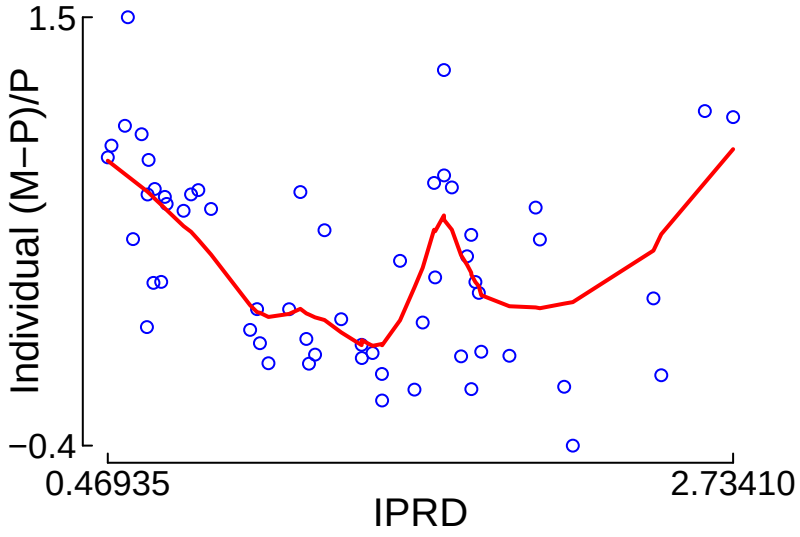
"Control.Marsh.Simulation.txt" (1293.350)

vs. Individual (M−P)/P




Red: smoother

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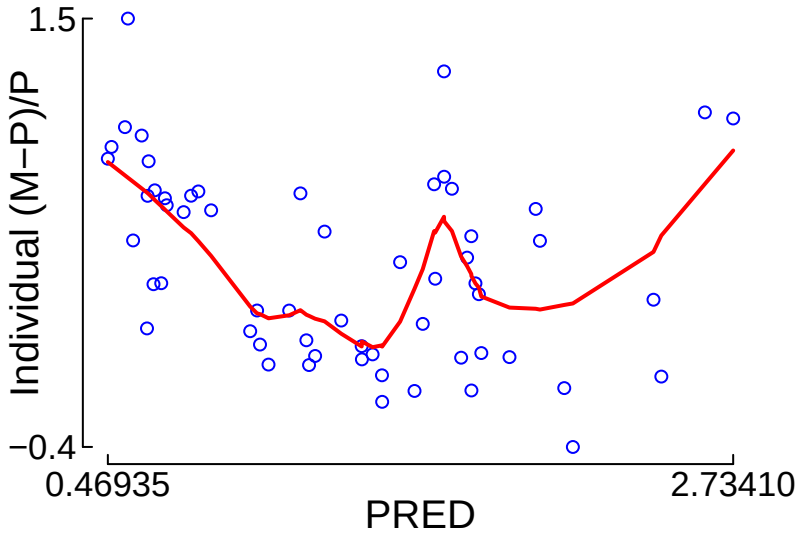
"Control.Marsh.Simulation.txt" (1293.350)
vs. Individual (M−P)/P




Red: smoother