

# TFD PFAS Longitudinal Analyses

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*8/10/2020*

## Overview

In these analyses, we are examining change scores of PFAS serum levels in recruit firefighters from baseline to follow-up. For each model, we adjusted for ethnicity in addition to unique combinations of 6 PFAS types (nPFOA, nPFOS, PFHXS, PFNA, PFDEA, and SmPFOS) and 7 fire exposure variables (total number of fireruns, total number of structural fireruns, days since baseline PFAS measurement, days since most recent firerun, days since most recent structural firerun, total duration of all fireruns, and total duration of structural fireruns). In this document, the fitness of each original model (PFAS ~ exposure + ethnicity) is being compared to models in which our PFAS outcome is Tukey transformed. We produced cooks distance and DFBETA plots to identify influential points. For models with influential points, we are also comparing results with those points removed from those models. In short, we produced four models for each PFAS/fire exposure combination: 1) original PFAS change score values, 2) original with influential points removed, 3) transformed PFAS change score values, and 4) transformed with influential points removed.

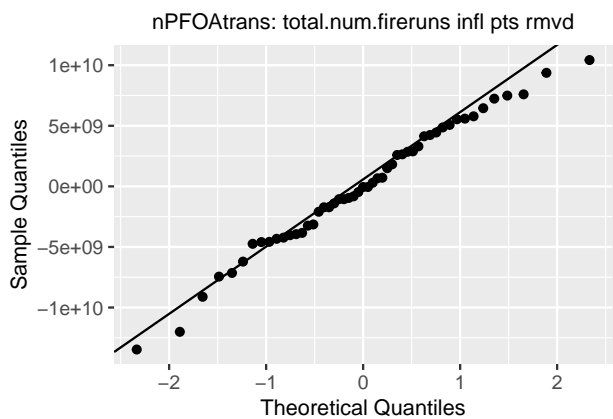
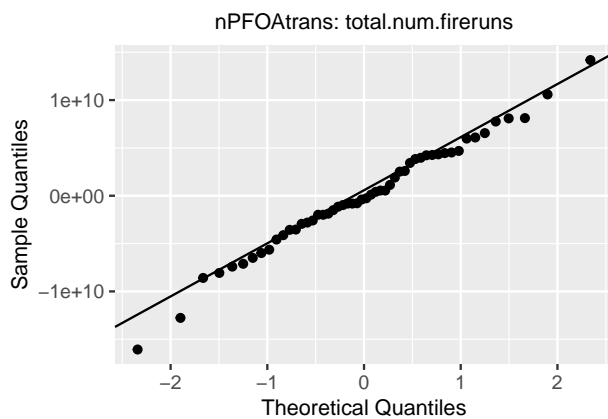
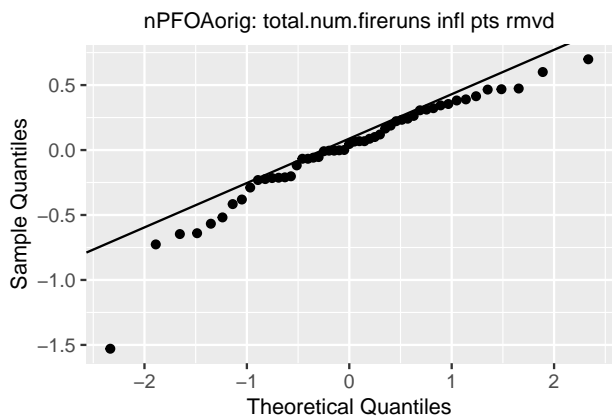
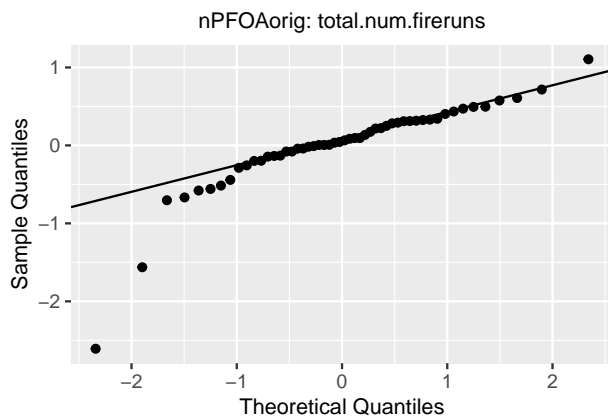
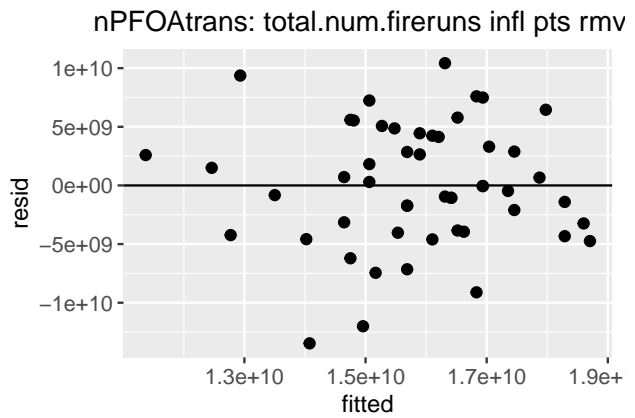
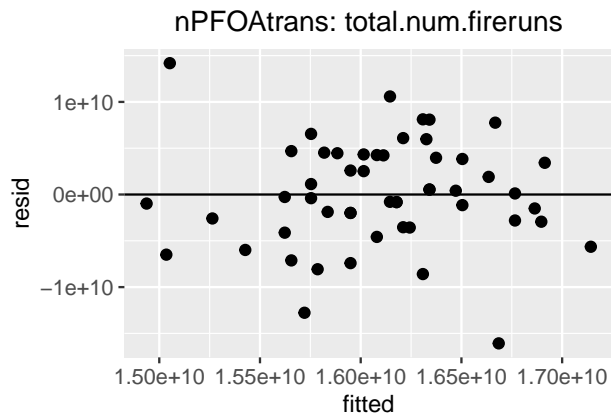
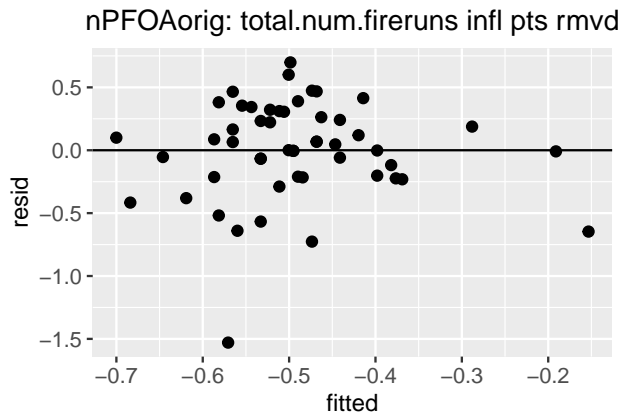
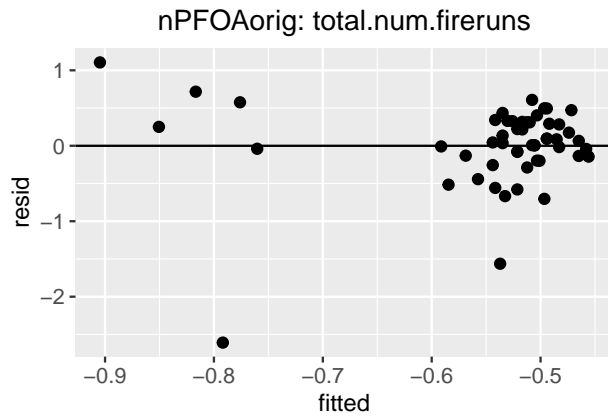
[1] “nPFOAorig” [1] “total.num.fireruns”

Table 1: nPFOA Change Score + Total Number of Fireruns Models

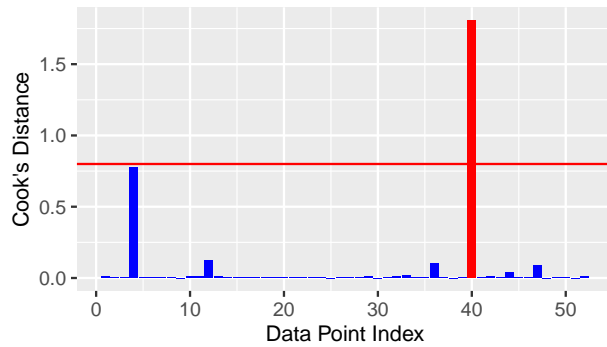
	<i>Dependent variable:</i>			
	nPFOAorig		nPFOAtrans	
	Orig outcome: all data	Orig outcome: infl pts rmvd	Trans Outcome: all data	Trans Outcome: infl pts rmvd
	(1)	(2)	(3)	(4)
Constant	-0.406 t = -1.499 p = 0.141	-0.258 t = -1.341 p = 0.187	17,615,027,119.000 t = 6.371 p = 0.00000***	20,994,598,646.000 t = 7.613 p = 0.000***
total.num.fireruns	-0.002 t = -0.415 p = 0.680	-0.005 t = -1.397 p = 0.169	-32,657,643.000 t = -0.588 p = 0.559	-104,067,974.000 t = -1.865 p = 0.069*
EthnicityHispanic	-0.273 t = -1.050 p = 0.300	0.299 t = 1.493 p = 0.143	703,082,002.000 t = 0.265 p = 0.793	-1,714,619,436.000 t = -0.671 p = 0.506
Observations	52	51	52	51
R <sup>2</sup>	0.033	0.063	0.007	0.083
Adjusted R <sup>2</sup>	-0.007	0.023	-0.033	0.044

Note:

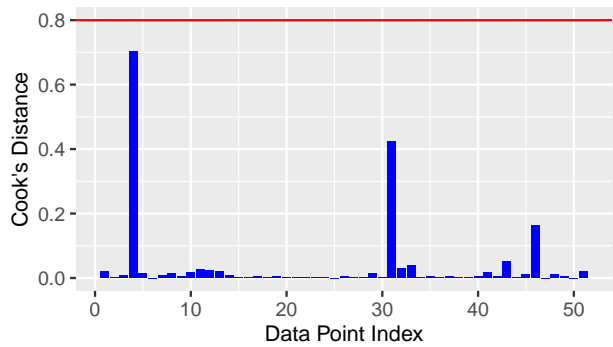
\*p<0.1; \*\*p<0.05; \*\*\*p<0.01



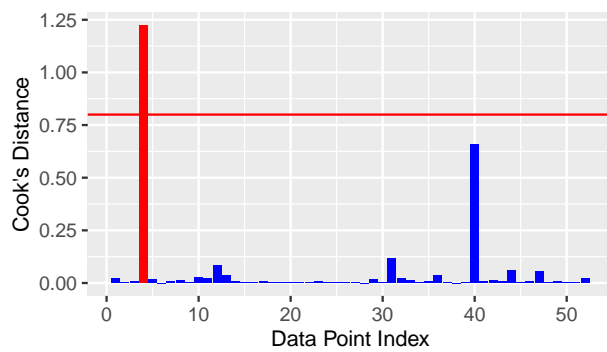
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distrib  
nPFOAorig: total.num.fireruns original values



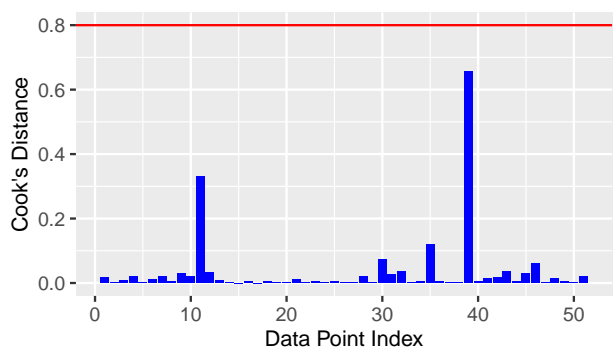
Cook's Distance with Cutoff at 50% Percentile of F(3, 48) Distrib  
nPFOAorig: total.num.fireruns Infl pts rmvd

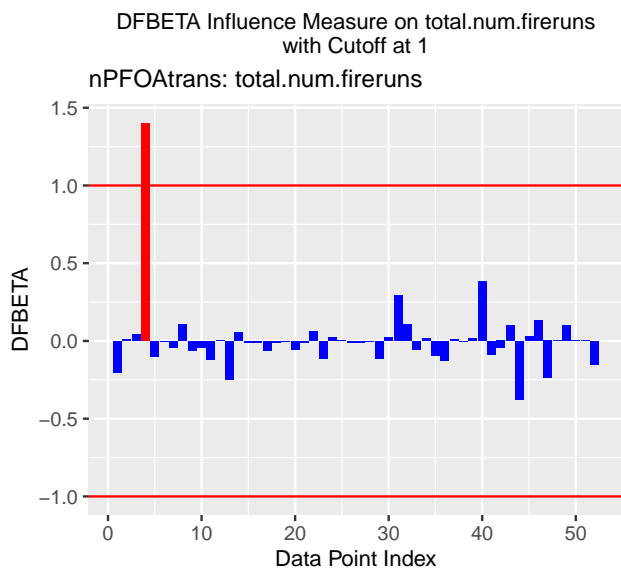
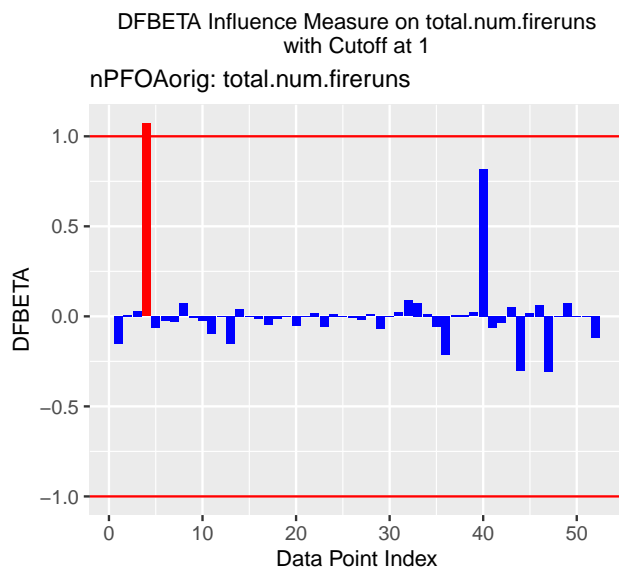
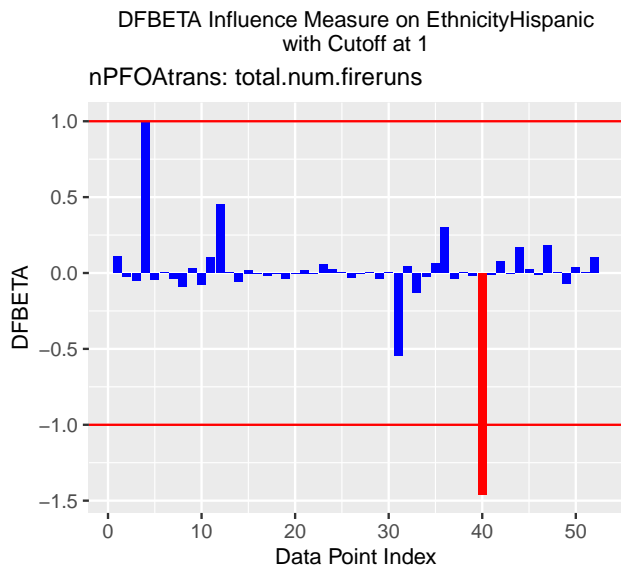
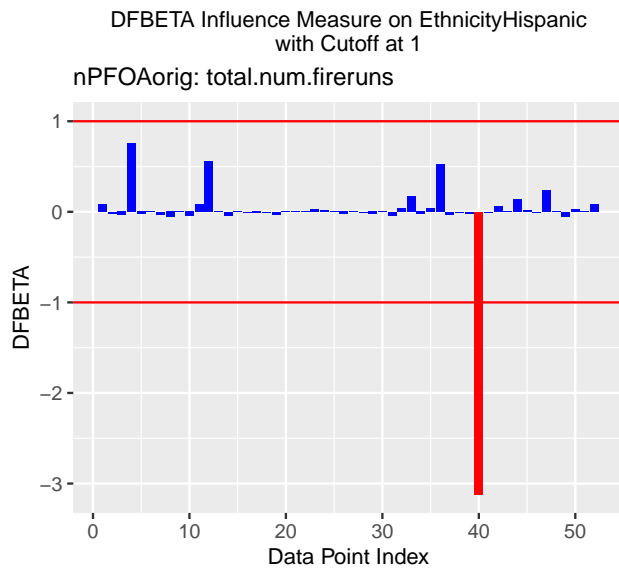
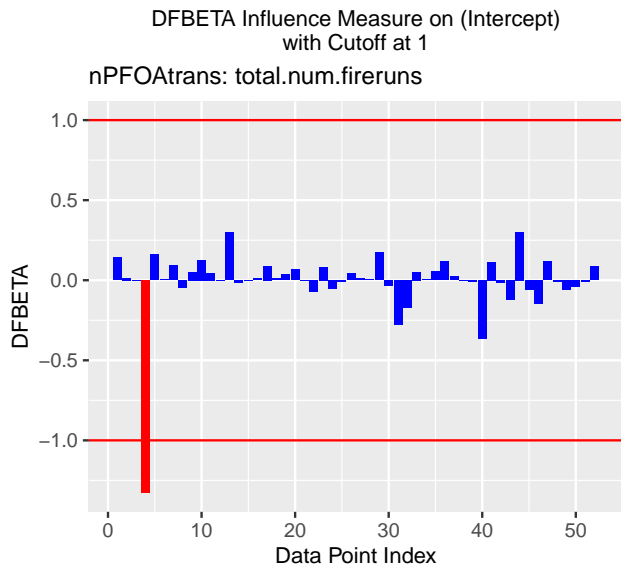
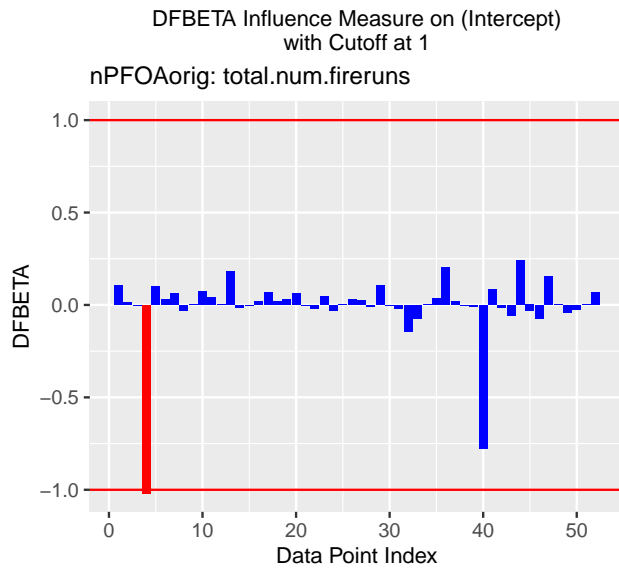


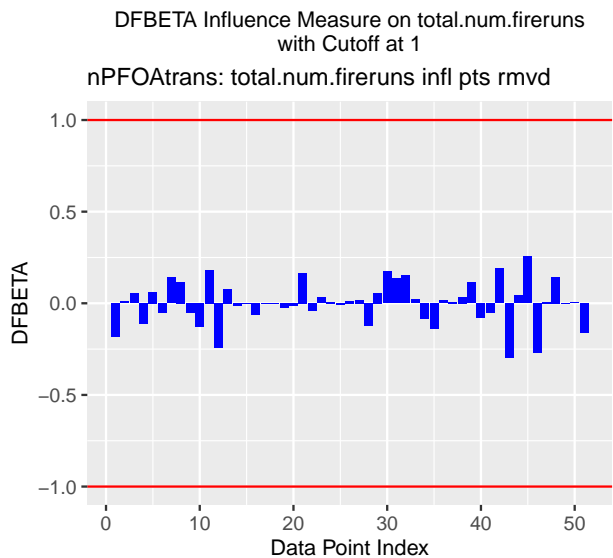
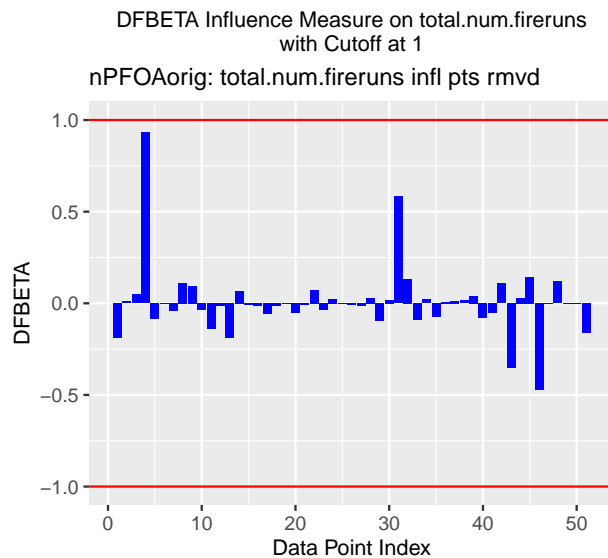
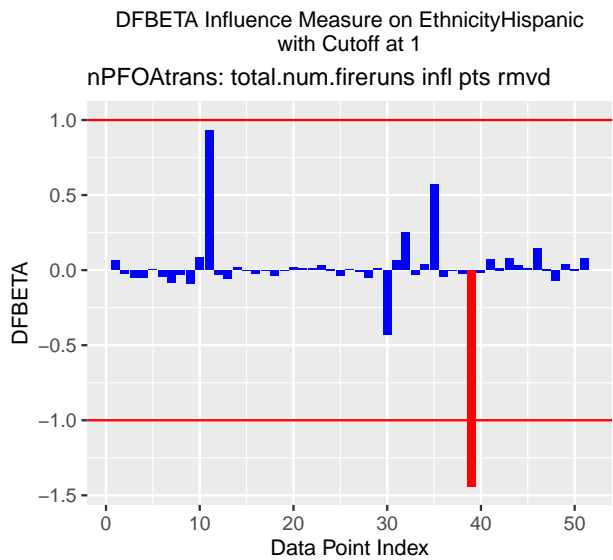
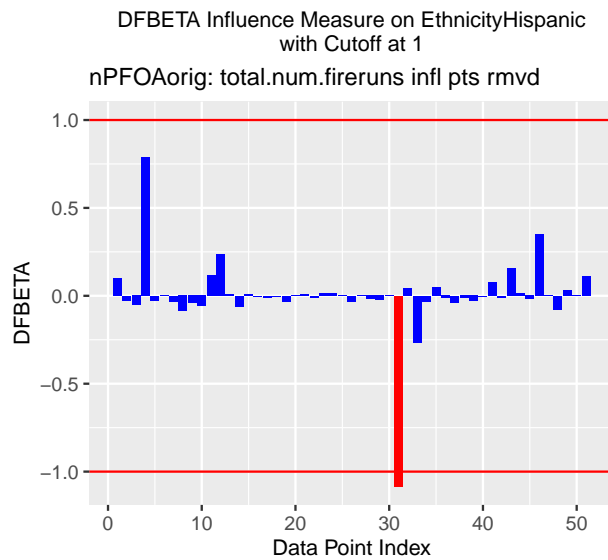
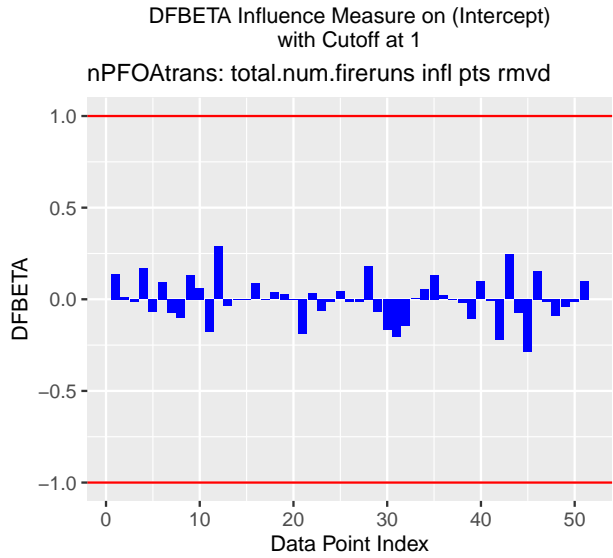
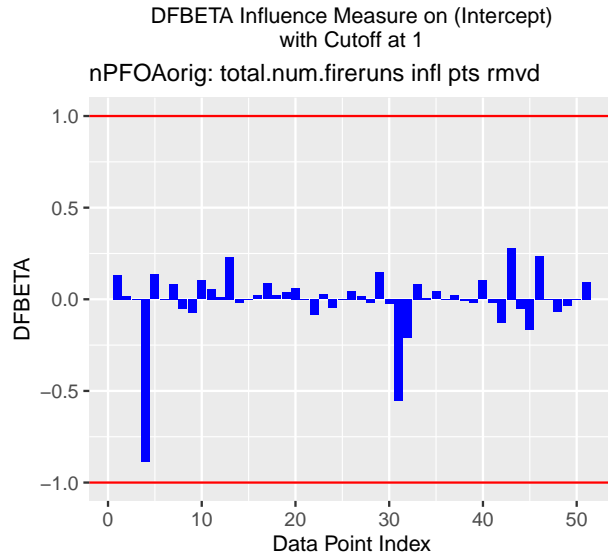
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distrib  
nPFOAtrans: total.num.fireruns transformed values



Cook's Distance with Cutoff at 50% Percentile of F(3, 48) Distrib  
nPFOAtrans: total.num.fireruns Infl pts rmvd







	Parameter	Original.Model.Indices	Transformed.Model.Indices
1	Intercept	4	
2	Intercept – Points Removed	4	
3	Exposure		
4	Exposure – Points Removed		
5	Ethnicity Hispanic	40	31
6	Ethnicity Hispanic – Points Removed	40	39

TableGrob (1 x 1) “arrange”: 1 grobs z cells name grob 1 1 (1-1,1-1) arrange gtable[rowhead-fg] [1]  
“str.num.fireruns”

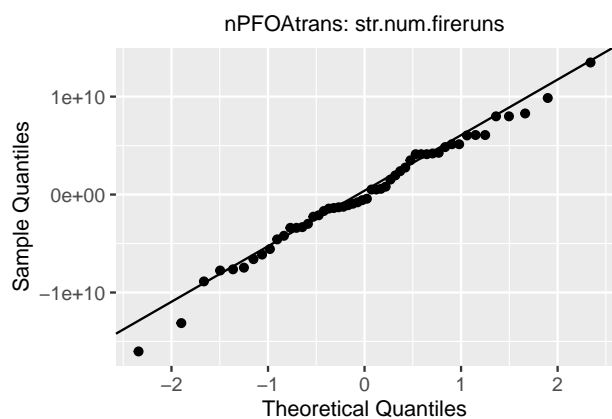
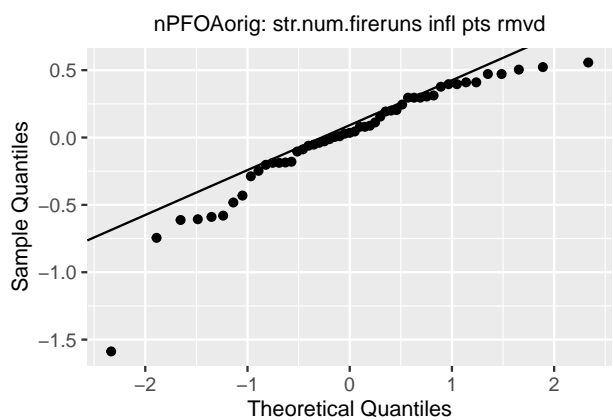
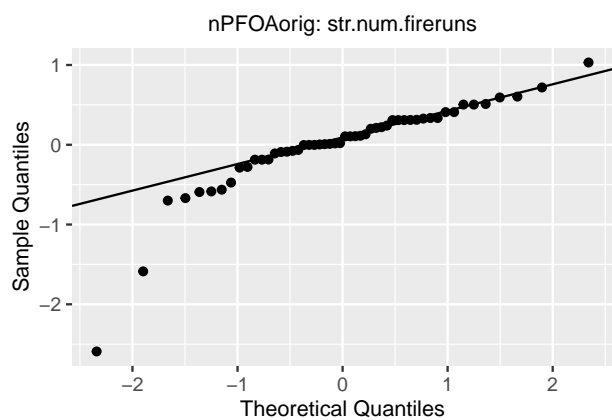
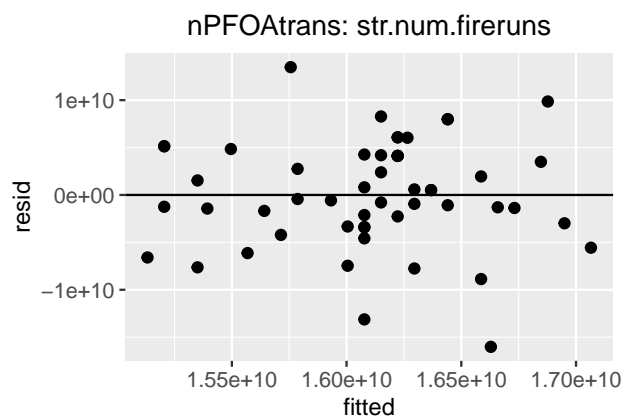
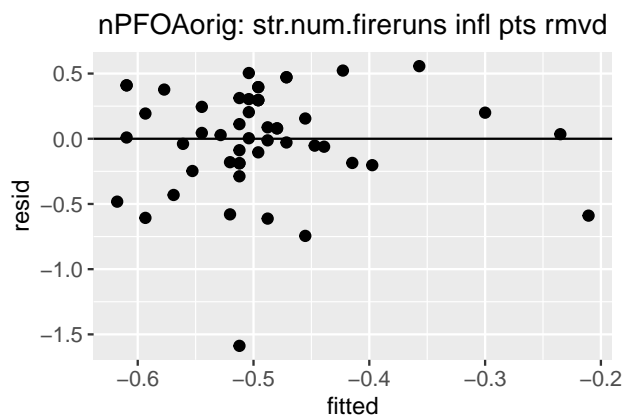
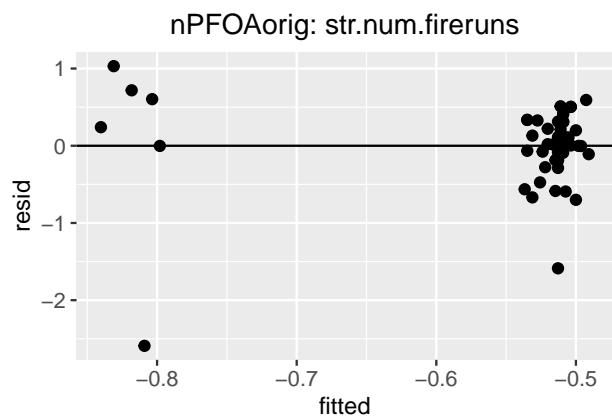
Table 2: nPFOA Change Score + Total Number of Structural Fireruns Models

	<i>Dependent variable:</i>		
	Orig outcome: all data	Orig outcome: infl pts rmvd	nPFOAtrans Trans Outcome: all data
	(1)	(2)	(3)
Constant	−0.483 t = −2.199 p = 0.033**	−0.382 t = −2.431 p = 0.019**	17,240,536,367.000 t = 7.696 p = 0.000***
str.num.fireruns	−0.002 t = −0.146 p = 0.885	−0.008 t = −0.901 p = 0.373	−72,697,861.000 t = −0.566 p = 0.574
EthnicityHispanic	−0.291 t = −1.098 p = 0.278	0.277 t = 1.349 p = 0.184	769,623,622.000 t = 0.285 p = 0.777
Observations	52	51	52
R <sup>2</sup>	0.030	0.041	0.007
Adjusted R <sup>2</sup>	−0.010	0.001	−0.034

*Note:* \*p<0.1; \*\*p<0.05; \*\*\*p<0.01

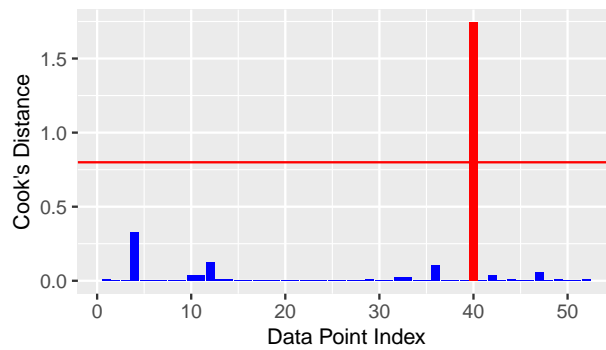
Table 3: nPFOA Change Score + Total Number of Structural Fireruns Models

No points removed

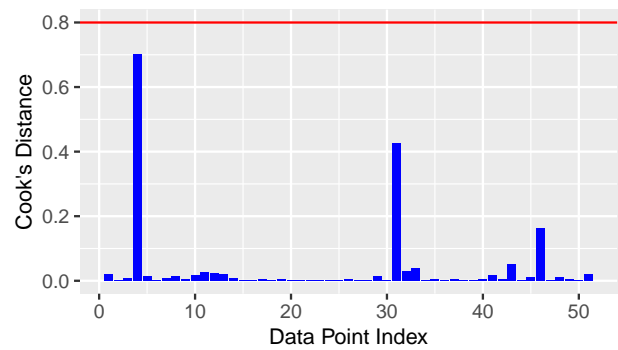




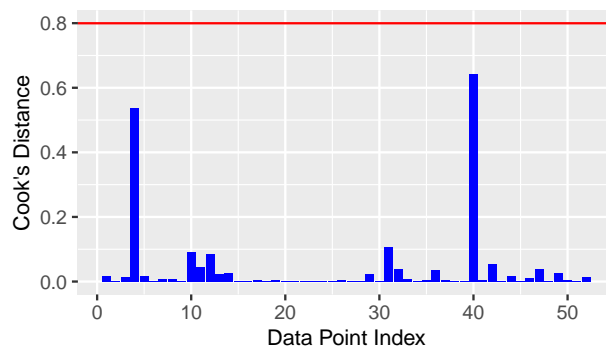
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distrib  
nPFOAorig: str.num.fireruns original values



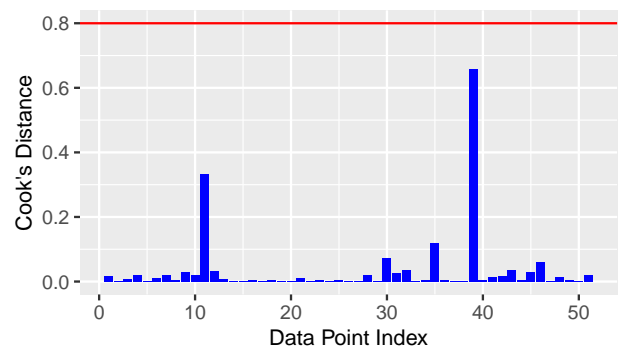
Cook's Distance with Cutoff at 50% Percentile of F(3, 48) Distrib  
nPFOAorig: total.num.fireruns Infl pts rmvd

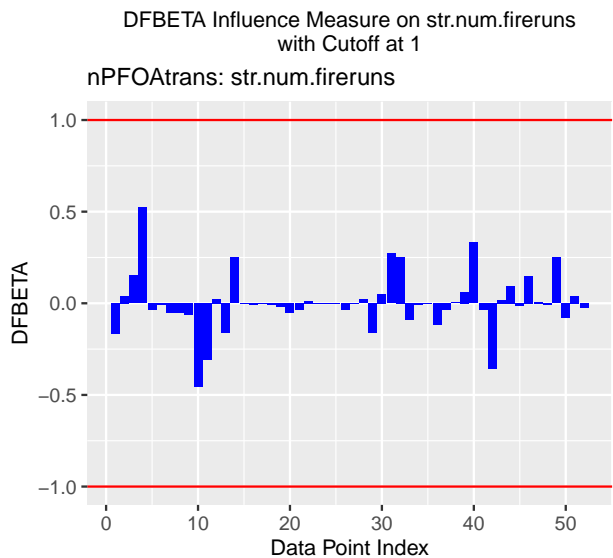
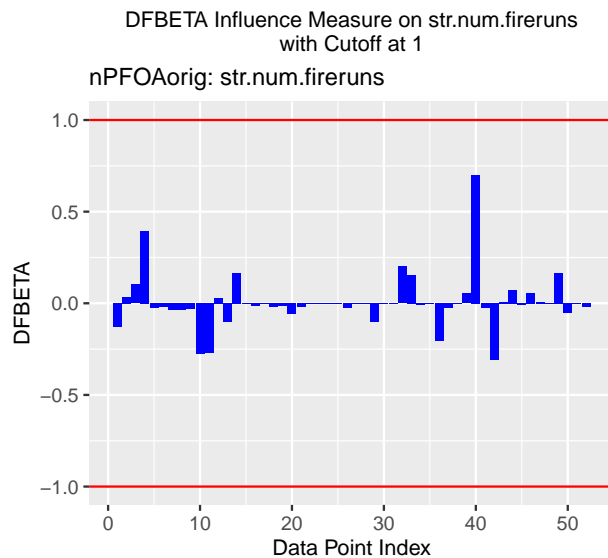
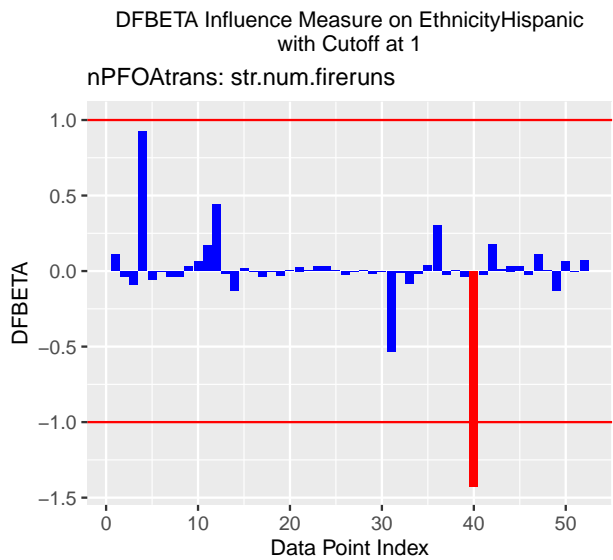
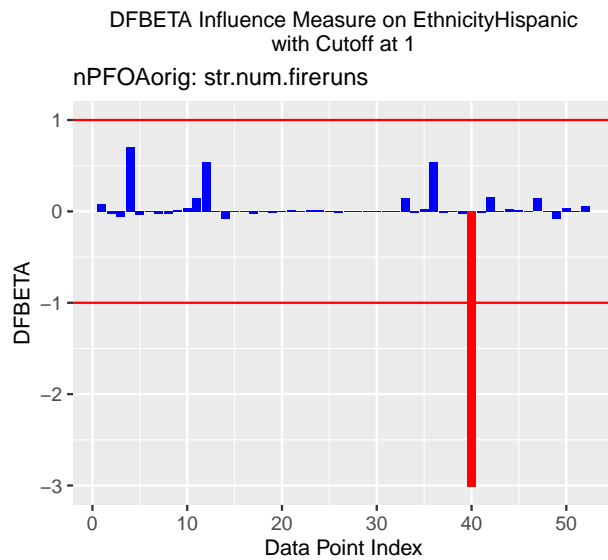
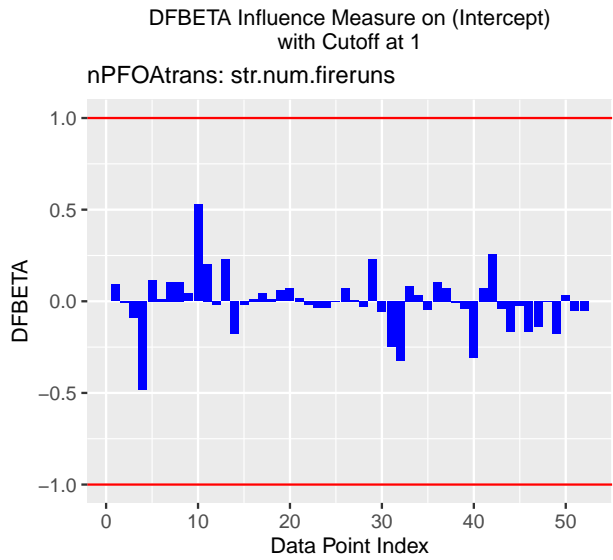
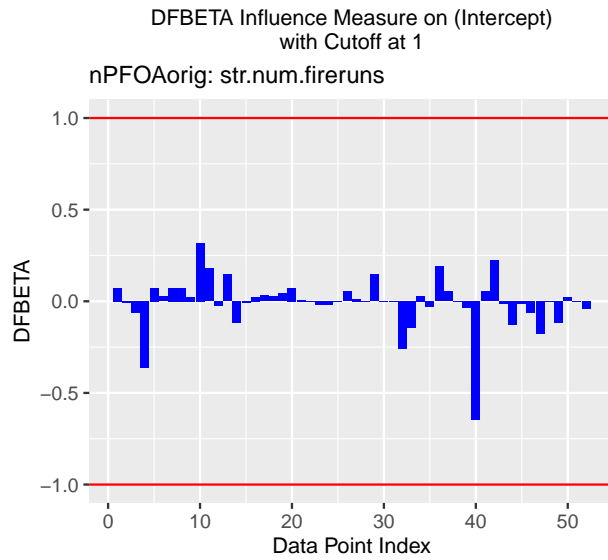


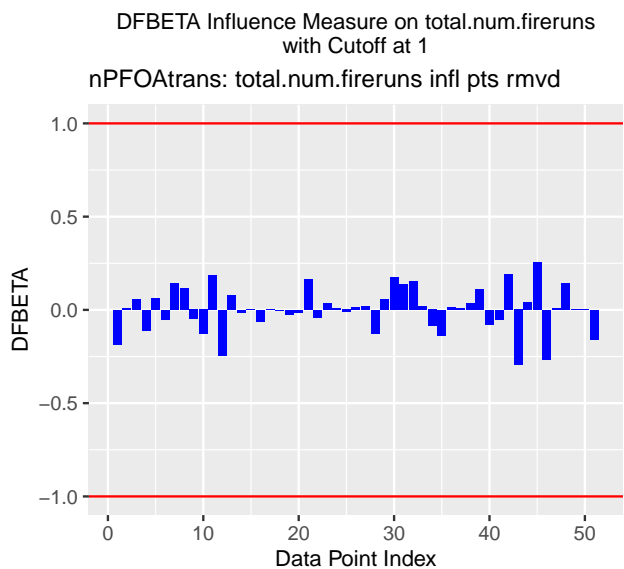
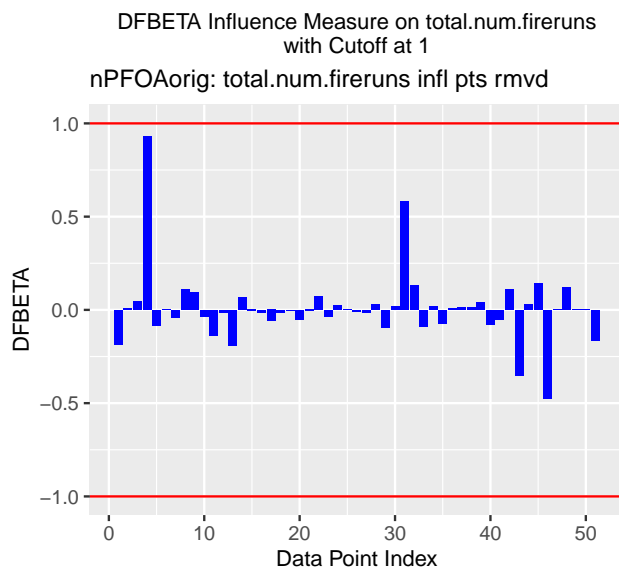
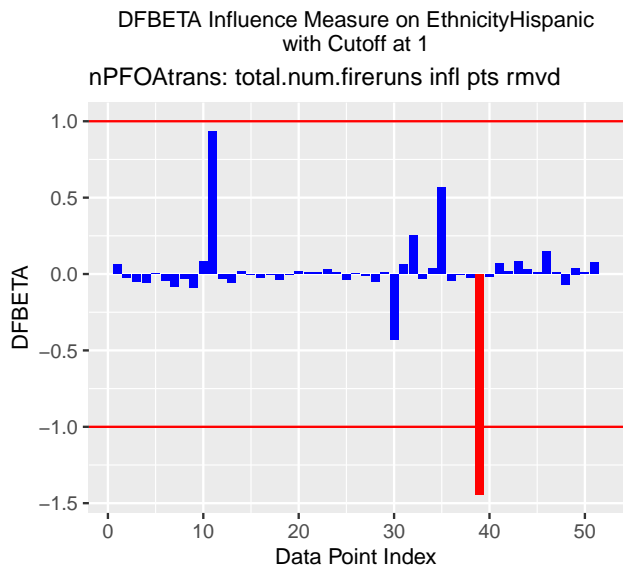
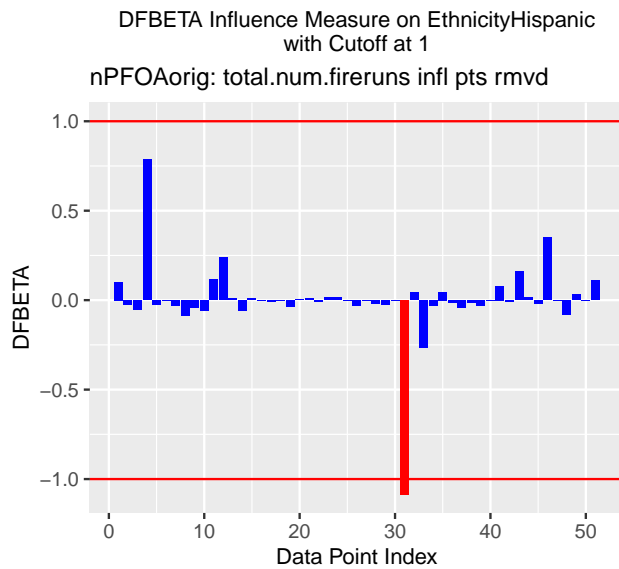
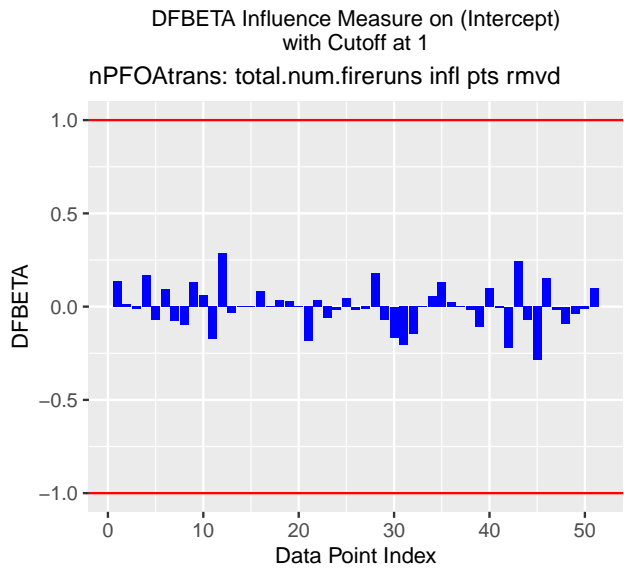
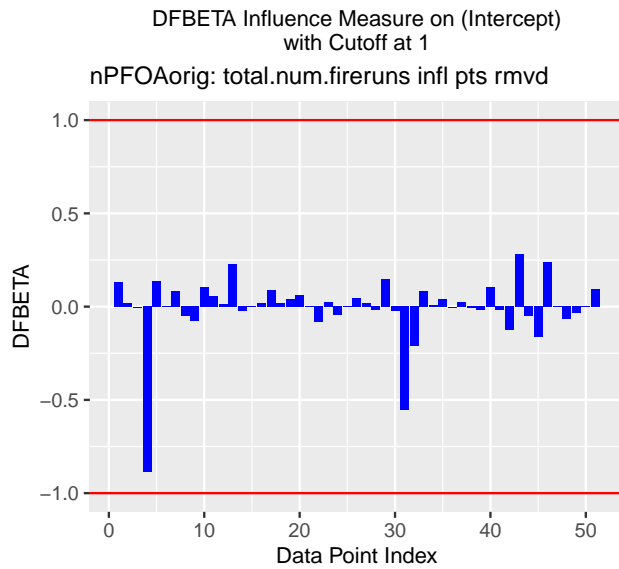
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distrib  
nPFOAtrans: str.num.fireruns transformed values



Cook's Distance with Cutoff at 50% Percentile of F(3, 48) Distrib  
nPFOAtrans: total.num.fireruns Infl pts rmvd







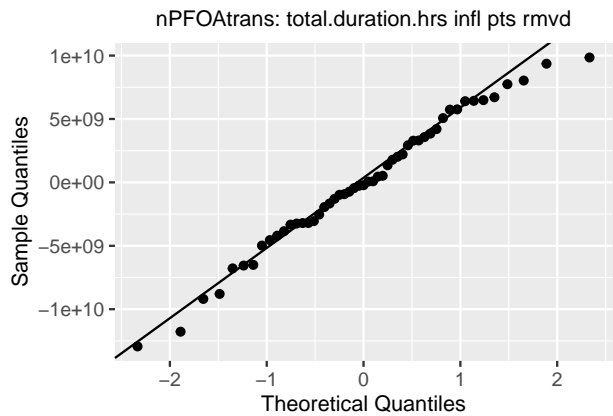
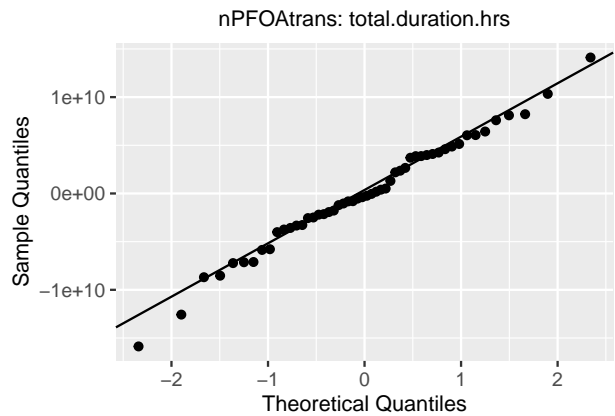
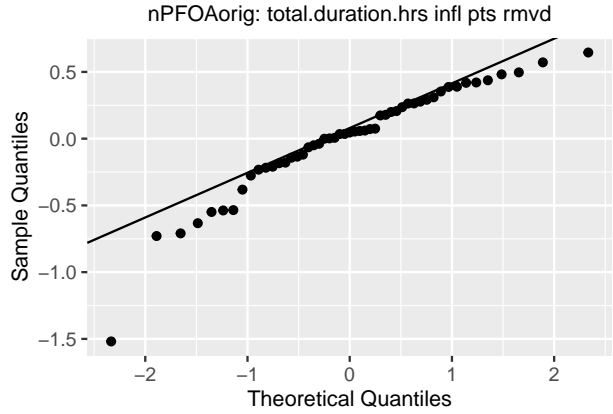
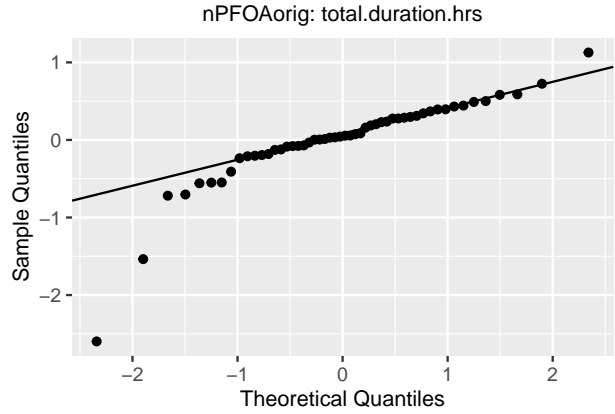
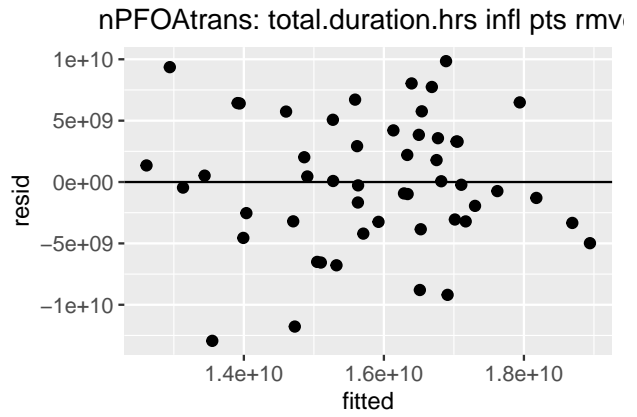
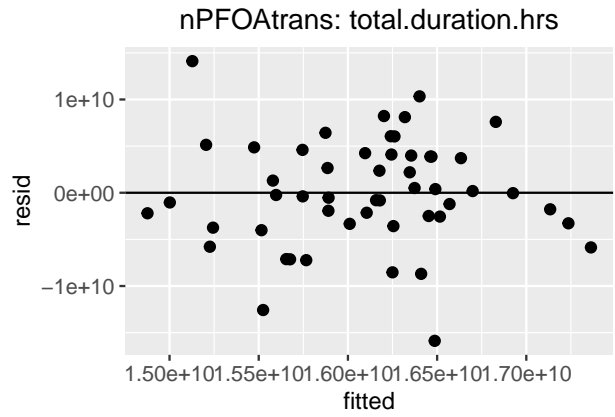
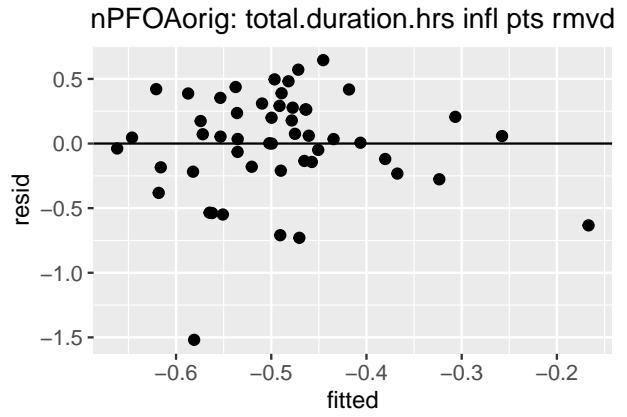
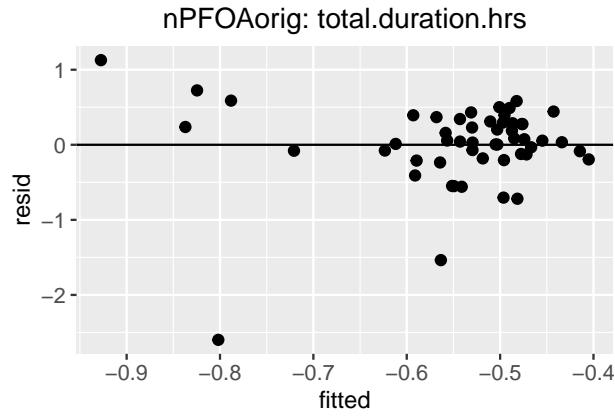
[1] “No influential DFBETA points” [1] “total.duration.hrs”

Table 4: nPFOA Change Score + Models

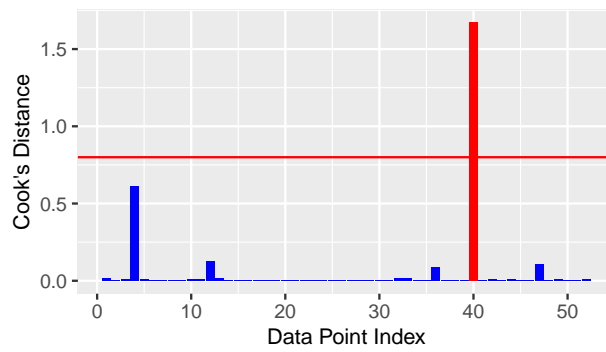
	<i>Dependent variable:</i>			
	nPFOAorig		nPFOAtrans	
	Orig outcome: all data	Orig outcome: infl pts rmvd	Trans Outcome: all data	Trans Outcome: infl pts rmvd
	(1)	(2)	(3)	(4)
Constant	−0.355 t = −1.357 p = 0.182	−0.300 t = −1.613 p = 0.114	17,778,101,121.000 t = 6.651 p = 0.00000***	20,278,079,663.000 t = 7.773 p = 0.000***
total.duration.hrs	−0.006 t = −0.638 p = 0.527	−0.008 t = −1.210 p = 0.233	−66,407,936.000 t = −0.675 p = 0.503	−163,572,432.000 t = −1.694 p = 0.097*
EthnicityHispanic	−0.243 t = −0.915 p = 0.365	0.298 t = 1.463 p = 0.151	908,527,844.000 t = 0.335 p = 0.740	−1,310,176,771.000 t = −0.500 p = 0.620
Observations	52	51	52	51
R <sup>2</sup>	0.037	0.053	0.009	0.072
Adjusted R <sup>2</sup>	−0.002	0.014	−0.031	0.033

*Note:*

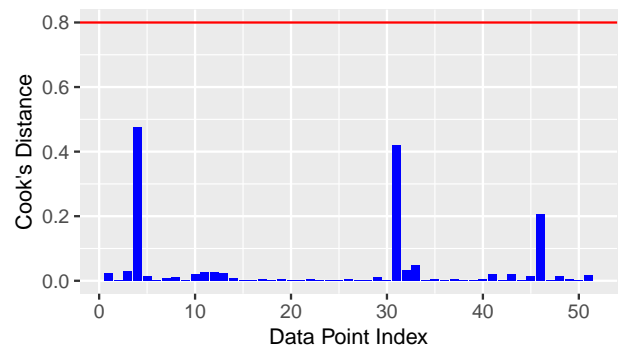
\*p<0.1; \*\*p<0.05; \*\*\*p<0.01



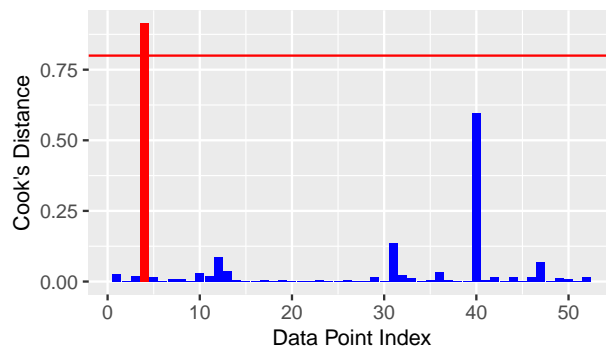
Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distrib  
nPFOAorig: total.duration.hrs original values



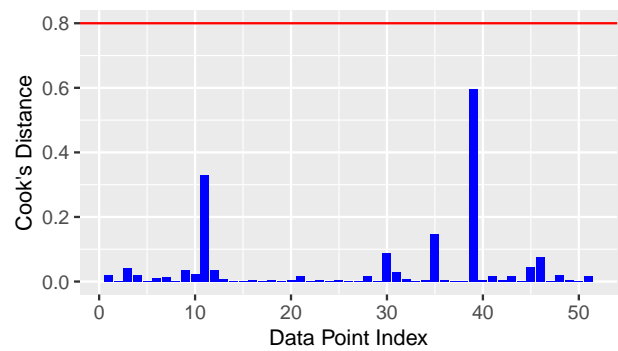
Cook's Distance with Cutoff at 50% Percentile of  $F(3, 48)$  Distrib  
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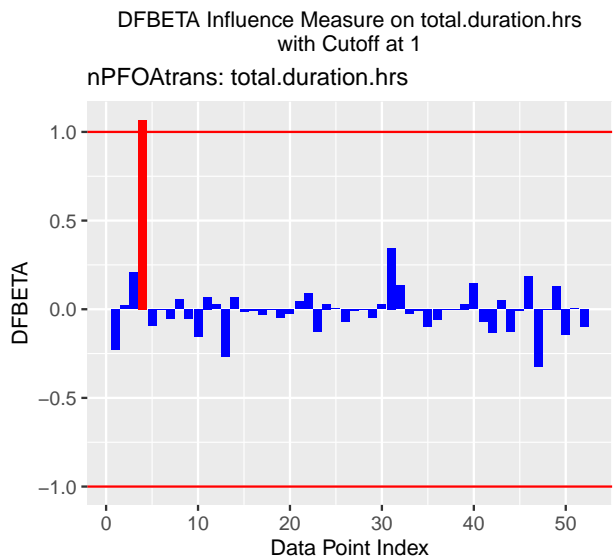
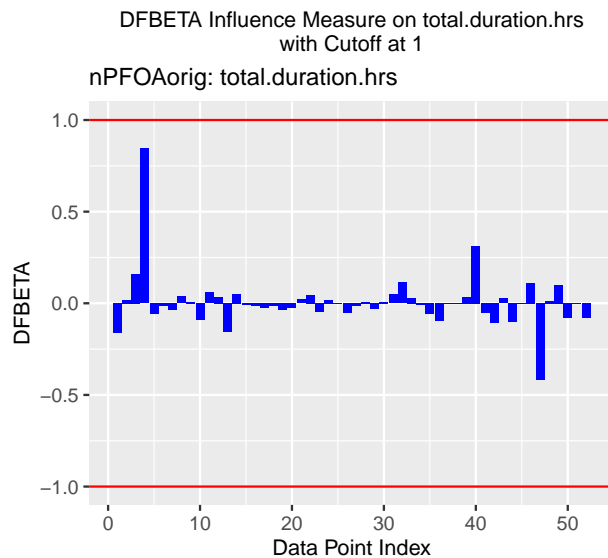
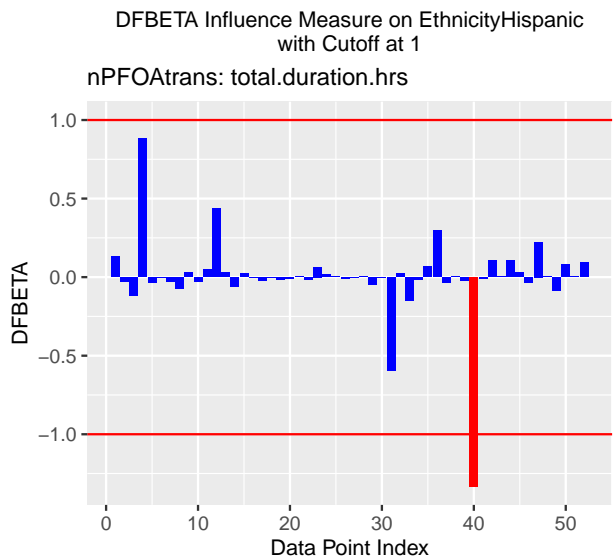
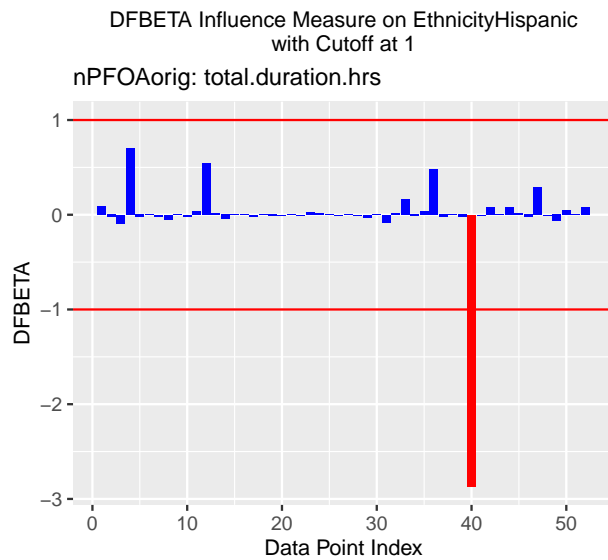
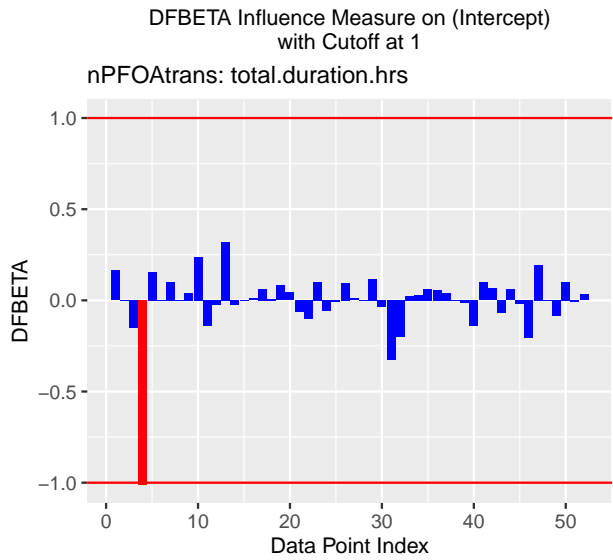
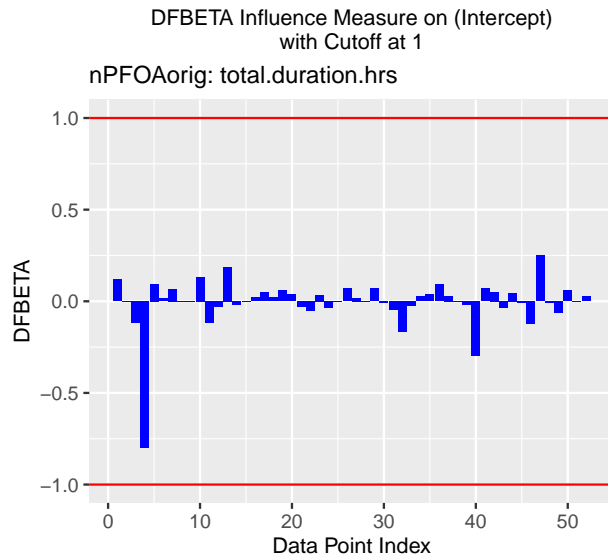


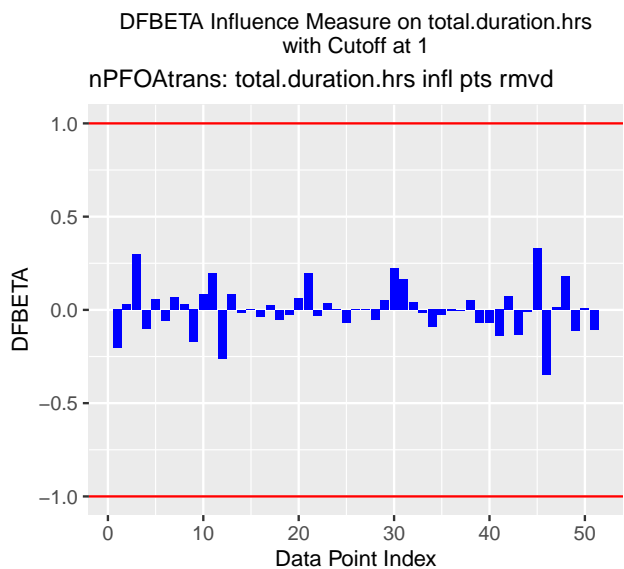
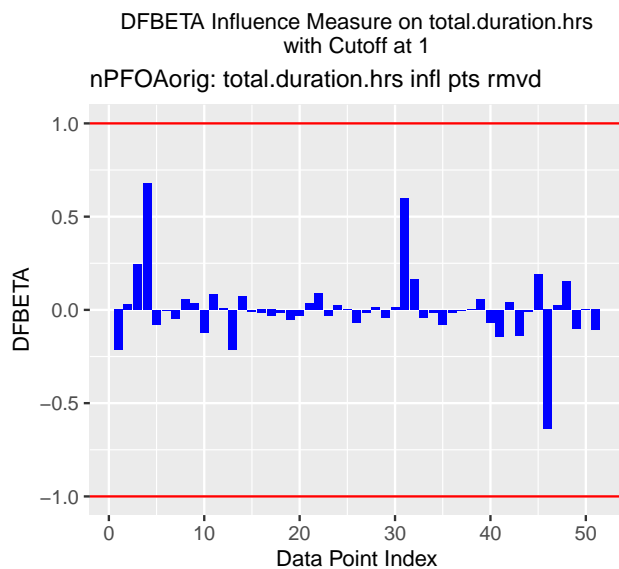
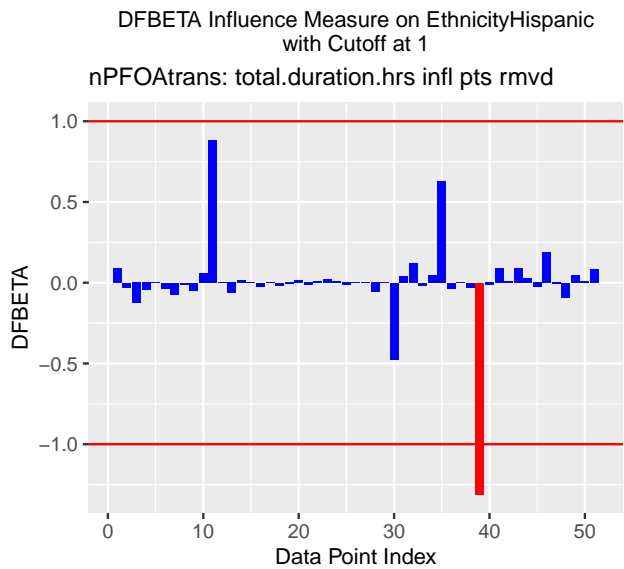
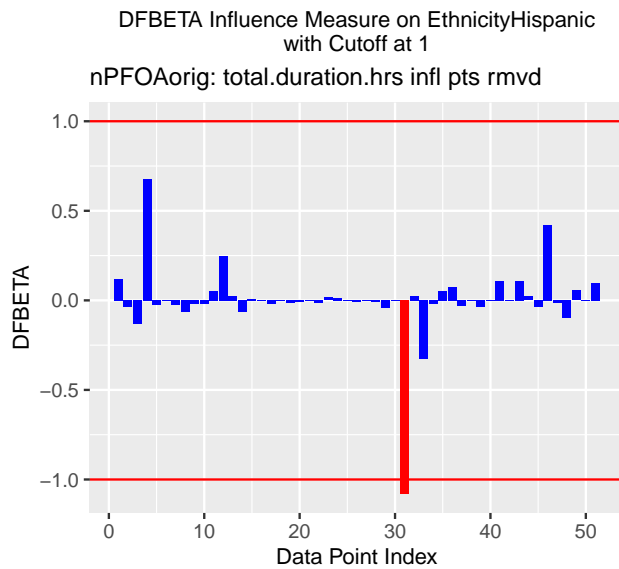
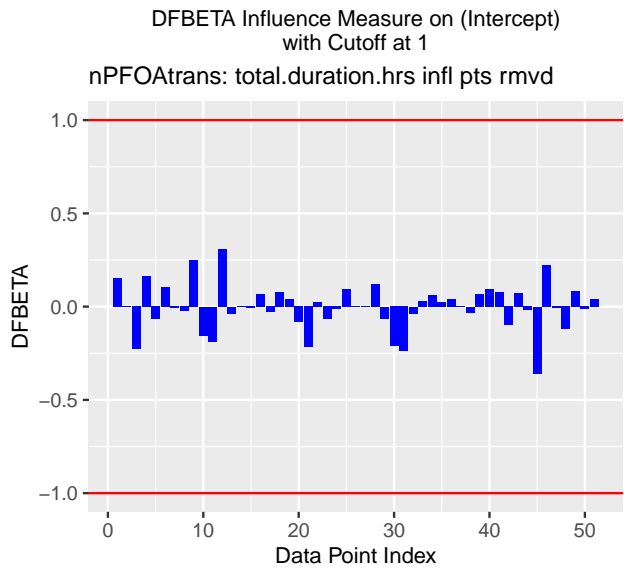
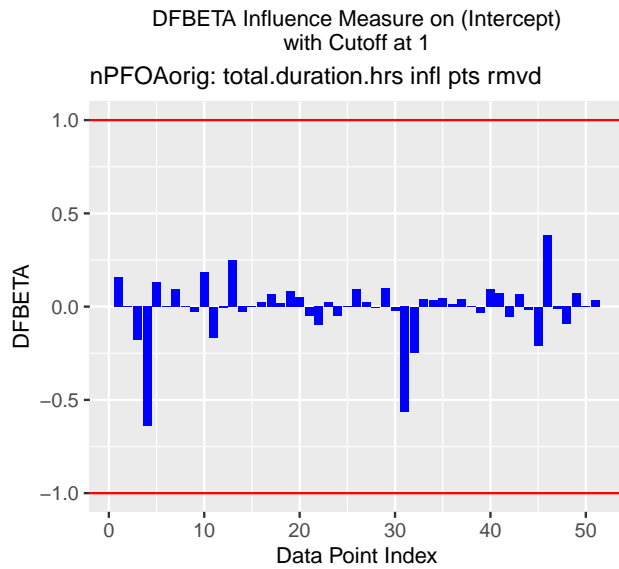
Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distrib  
nPFOAtrans: total.duration.hrs transformed values



Cook's Distance with Cutoff at 50% Percentile of  $F(3, 48)$  Distrib  
nPFOAtrans: total.duration.hrs Infl pts rmvd









	<b>Parameter</b>	<b>Original.Model.Indices</b>	<b>Transformed.Model.Indices</b>
1	Intercept		
2	Intercept – Points Removed	4	
3	Exposure		
4	Exposure – Points Removed		
5	Ethnicity Hispanic	40	31
6	Ethnicity Hispanic – Points Removed	40	39

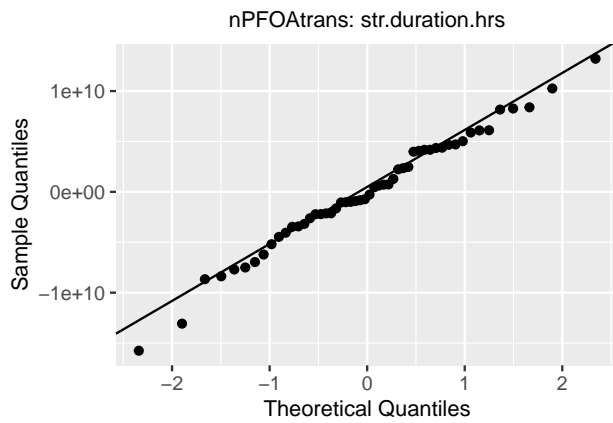
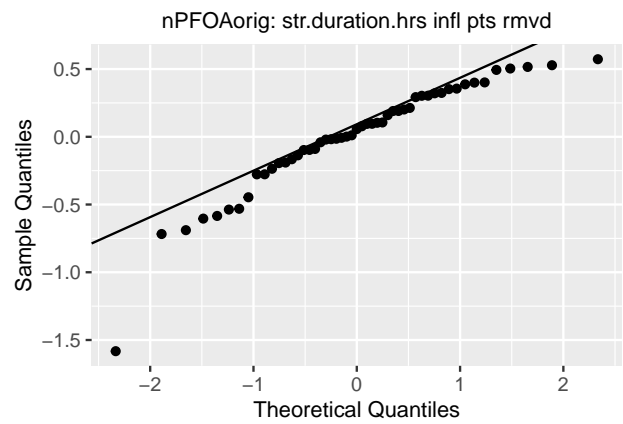
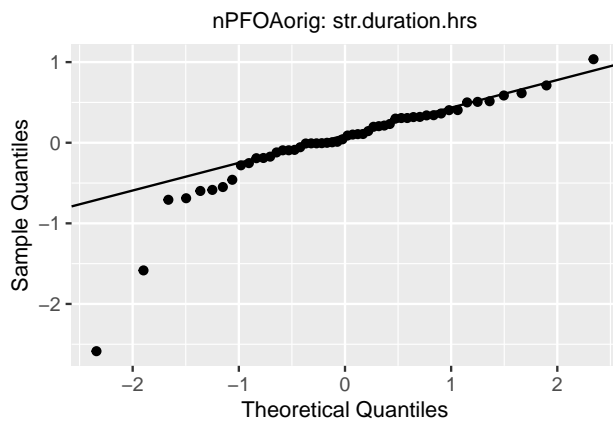
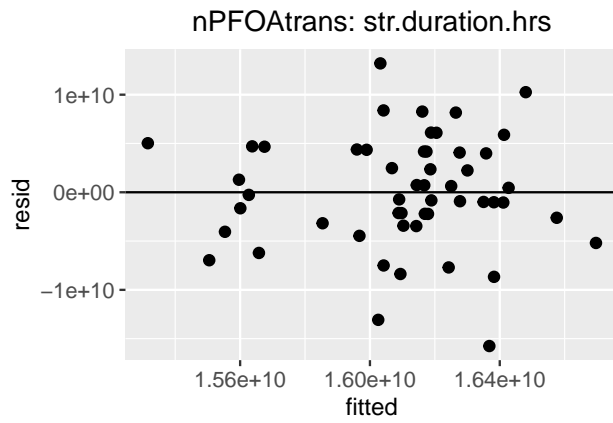
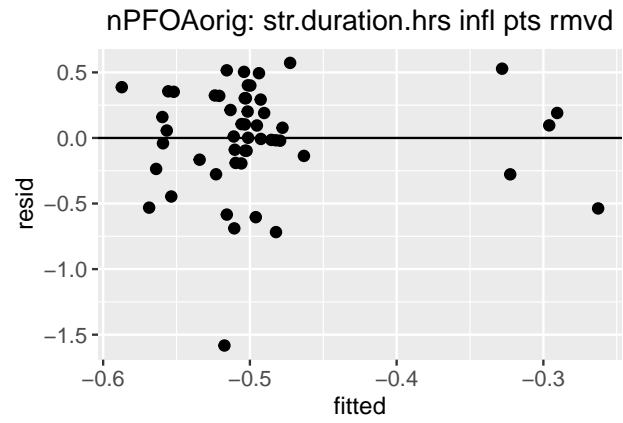
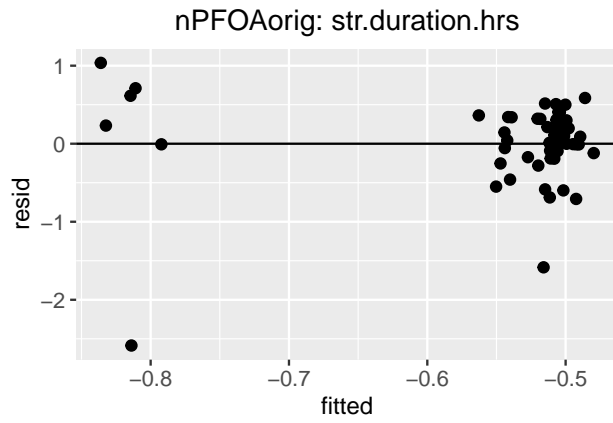
TableGrob (1 x 1) "arrange": 1 grobs z cells name grob 1 1 (1-1,1-1) arrange gtable[rowhead-fg] [1]  
"str.duration.hrs"

Table 5: nPFOA Change Score + Models

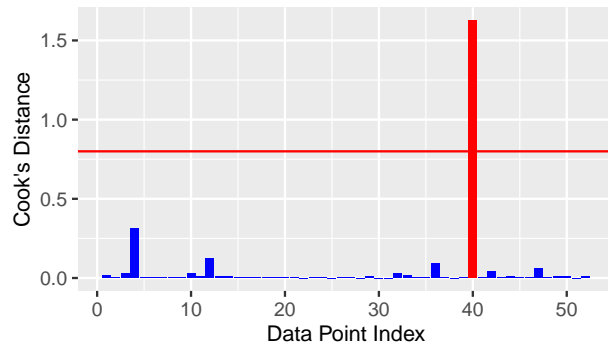
	<i>Dependent variable:</i>		
	nPFOAorig		nPFOAtrans
	Orig outcome: all data	Orig outcome: infl pts rmvd	Trans Outcome: all data
	(1)	(2)	(3)
Constant	-0.472 t = -2.384 p = 0.022**	-0.452 t = -3.182 p = 0.003***	16,692,203,368.000 t = 8.252 p = 0.000***
str.duration.hrs	-0.003 t = -0.229 p = 0.820	-0.005 t = -0.478 p = 0.635	-48,307,432.000 t = -0.341 p = 0.735
EthnicityHispanic	-0.279 t = -1.024 p = 0.311	0.251 t = 1.198 p = 0.237	635,135,472.000 t = 0.229 p = 0.821
Observations	52	51	52
R <sup>2</sup>	0.030	0.029	0.003
Adjusted R <sup>2</sup>	-0.009	-0.011	-0.038
<i>Note:</i>			*p<0.1; **p<0.05; ***p<0.01

Table 6: nPFOA Change Score + Models

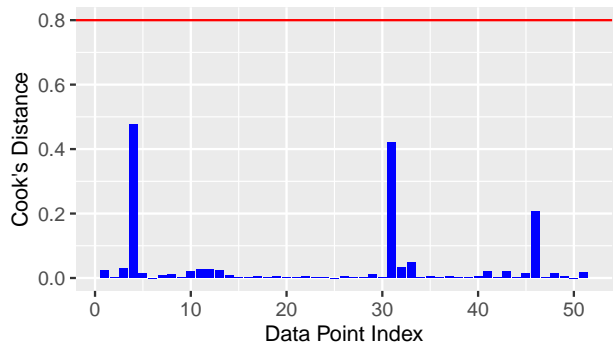
No points removed



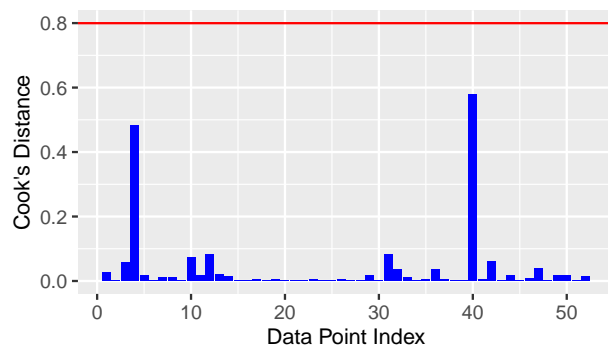
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distrib  
nPFOAorig: str.duration.hrs original values



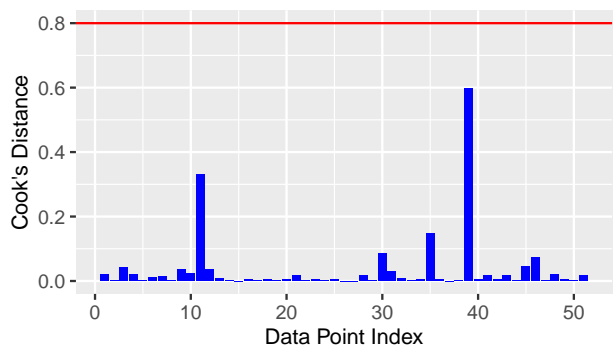
Cook's Distance with Cutoff at 50% Percentile of F(3, 48) Distrib  
nPFOAorig: total.duration.hrs Infl pts rmvd

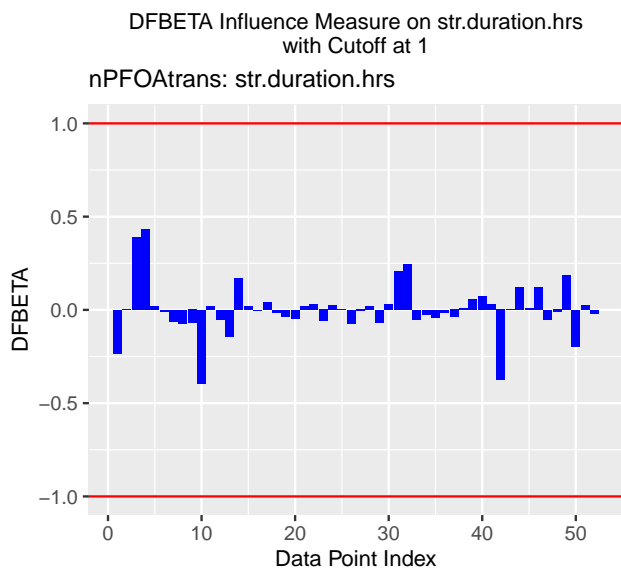
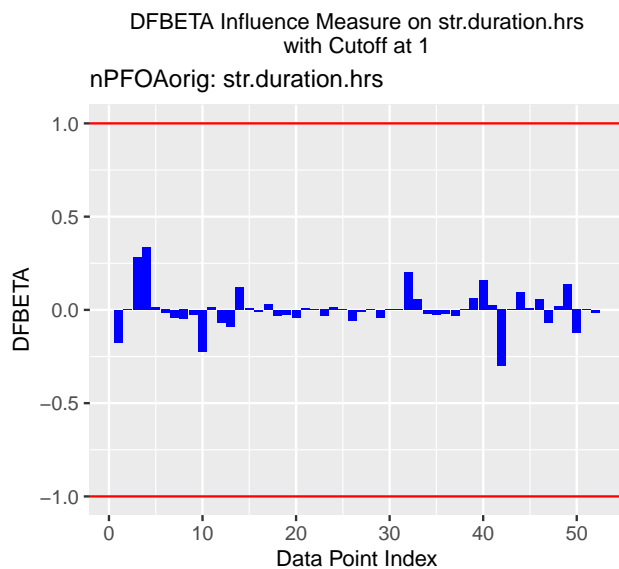
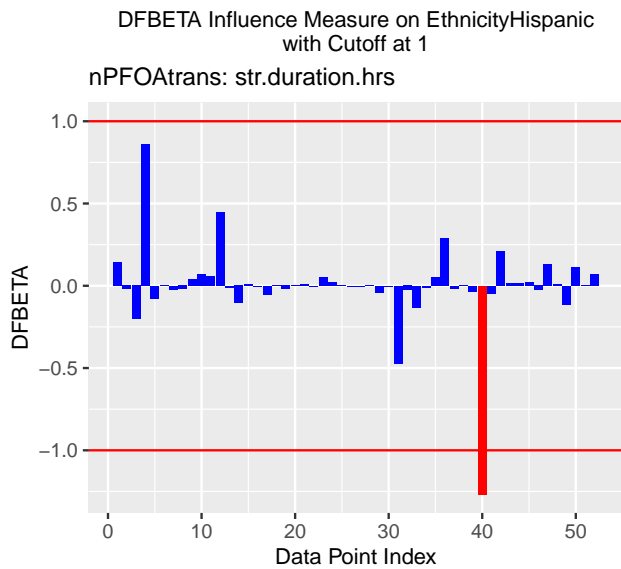
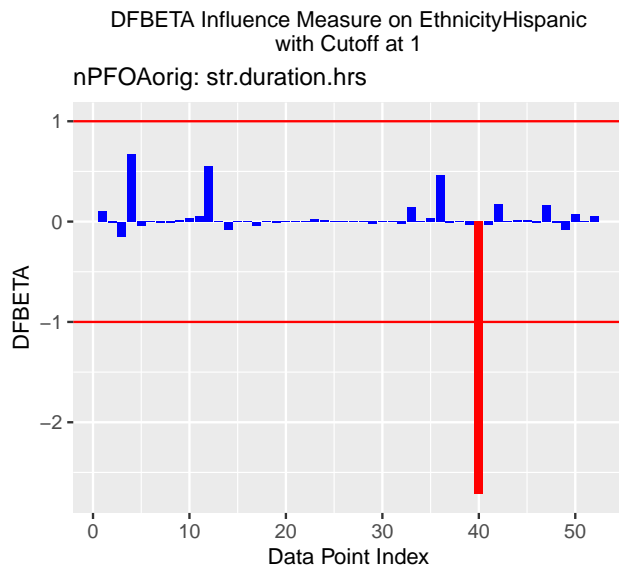
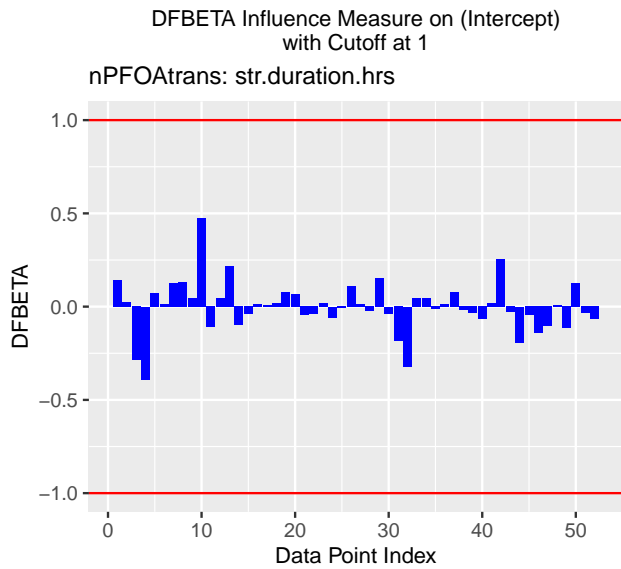
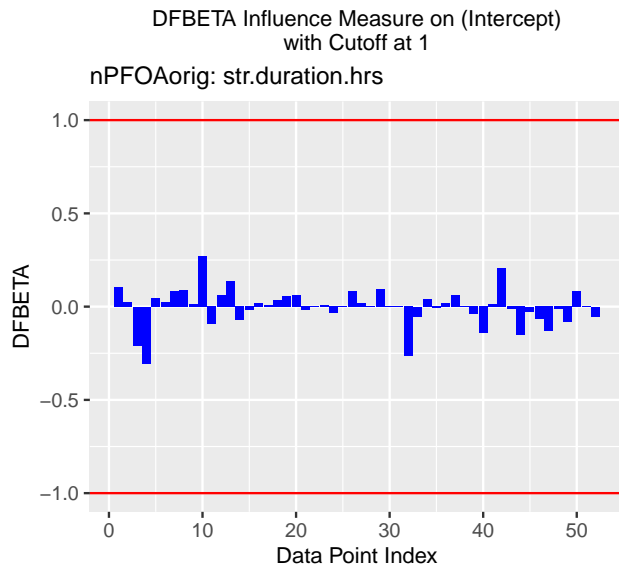


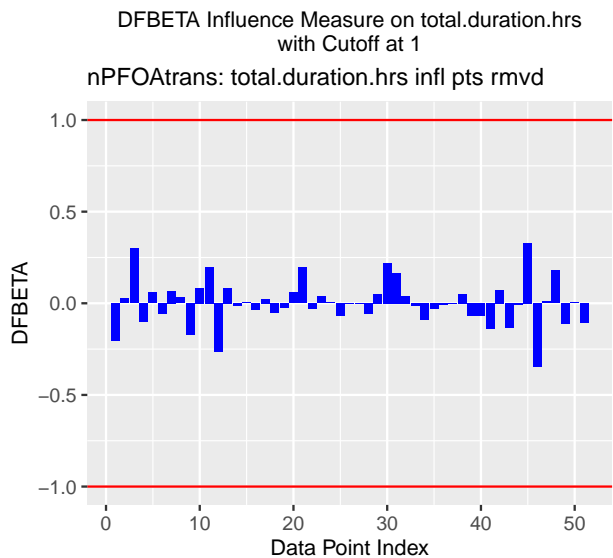
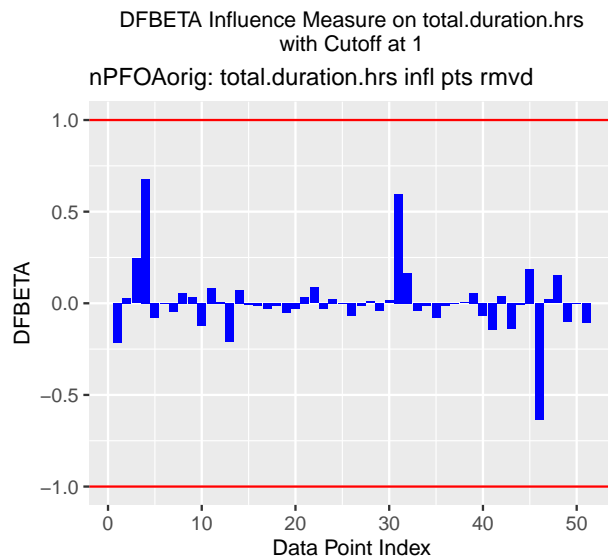
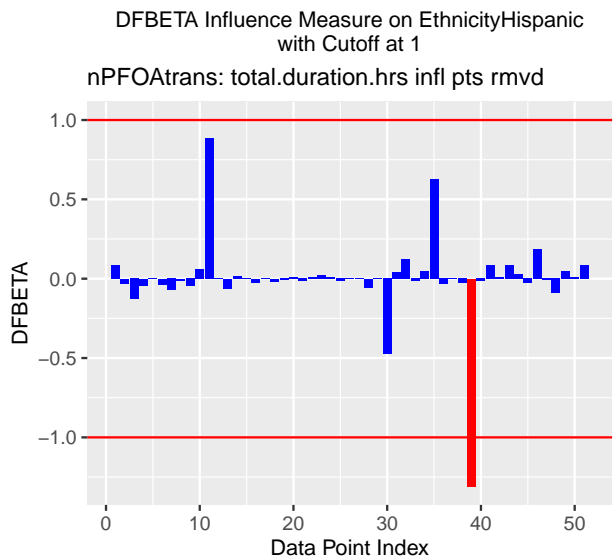
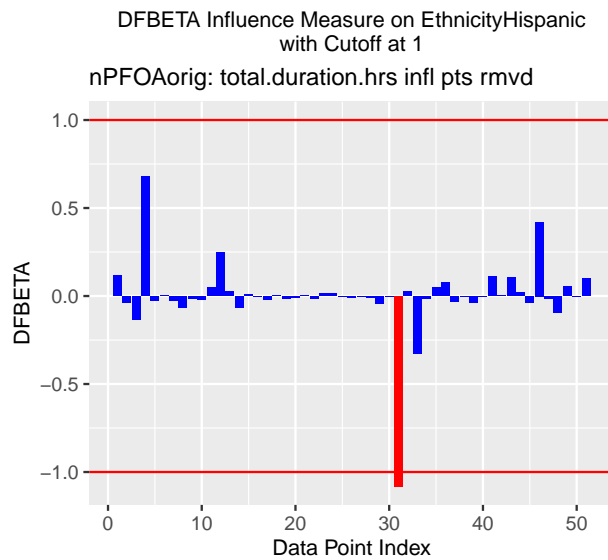
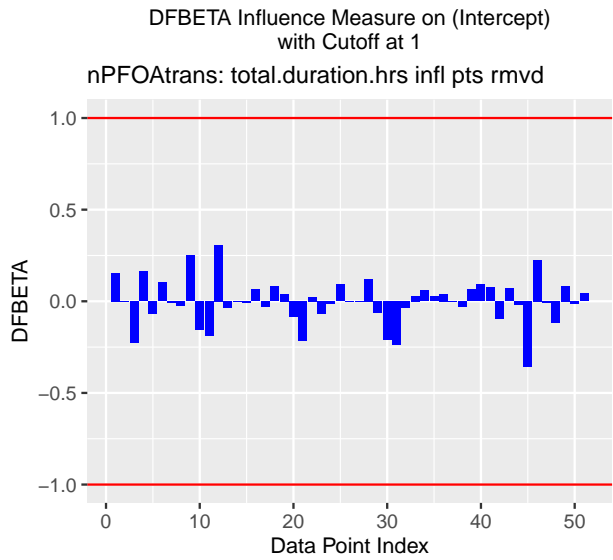
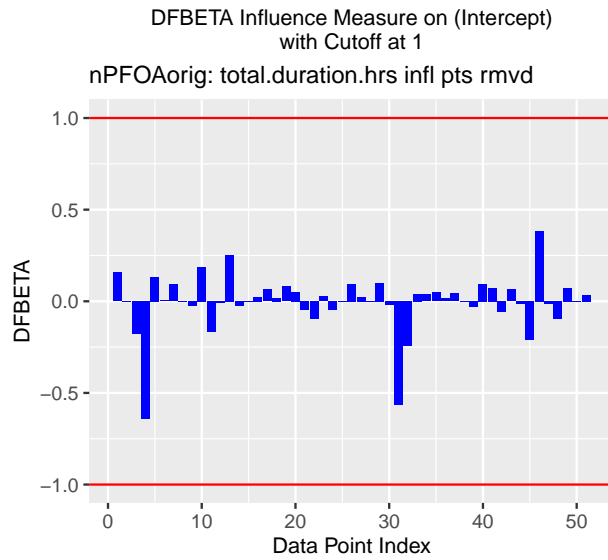
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distrib  
nPFOAtrans: str.duration.hrs transformed values



Cook's Distance with Cutoff at 50% Percentile of F(3, 48) Distrib  
nPFOAtrans: total.duration.hrs Infl pts rmvd







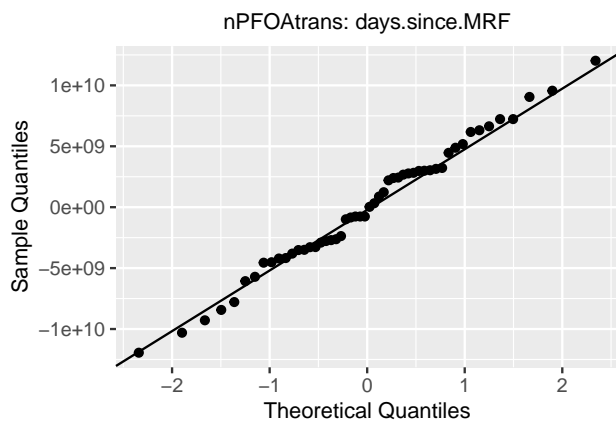
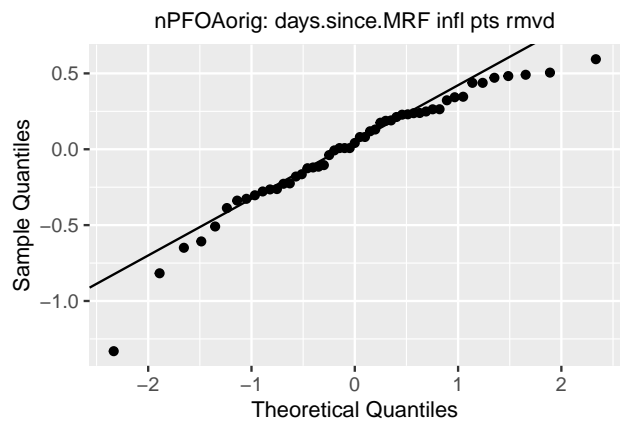
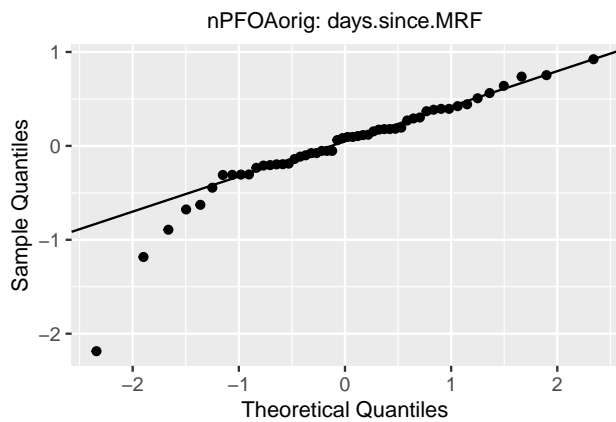
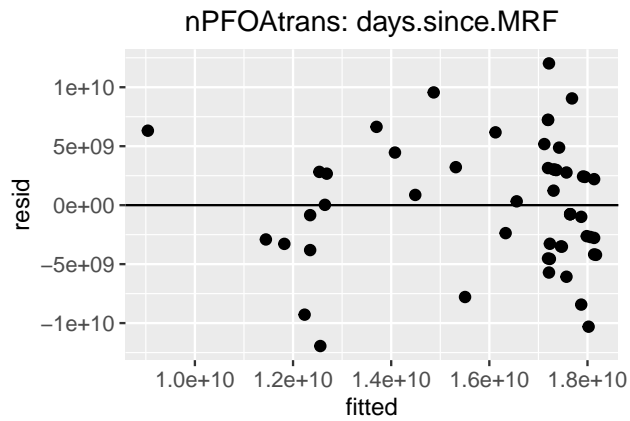
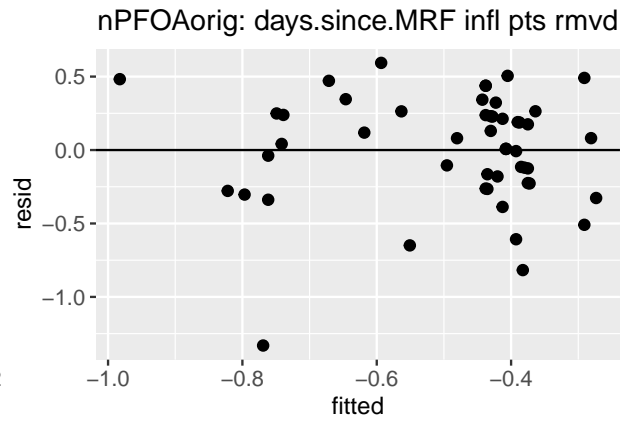
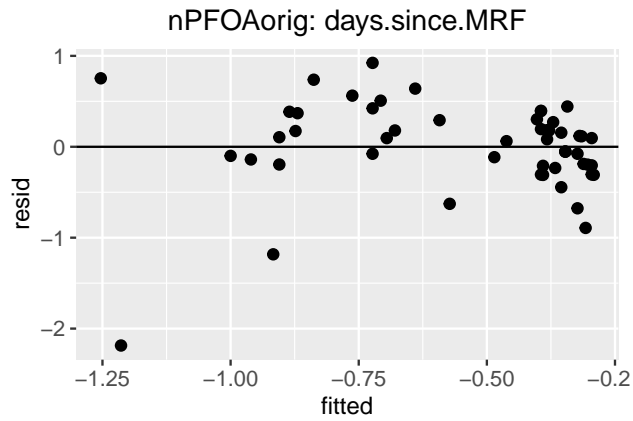
[1] “No influential DFBETA points” [1] “days.since.MRF”

Table 7: nPFOA Change Score + Days Since Most Recent Fire Models

	<i>Dependent variable:</i>		
	nPFOAorig		nPFOAtrans
	Orig outcome: all data	Orig outcome: infl pts rmvd	Trans Outcome: all data
	(1)	(2)	(3)
Constant	−0.288 t = −2.830 p = 0.007***	−0.370 t = −4.860 p = 0.00002***	18,210,575,934.000 t = 17.263 p = 0.000***
days.since.MRF	−0.004 t = −3.365 p = 0.002***	−0.003 t = −2.798 p = 0.008***	−37,577,617.000 t = −3.077 p = 0.004***
EthnicityHispanic	−0.344 t = −1.530 p = 0.133	0.137 t = 0.751 p = 0.457	−130,960,915.000 t = −0.056 p = 0.956
Observations	52	51	52
R <sup>2</sup>	0.212	0.161	0.162
Adjusted R <sup>2</sup>	0.179	0.126	0.128
<i>Note:</i>			*p<0.1; **p<0.05; ***p<0.01

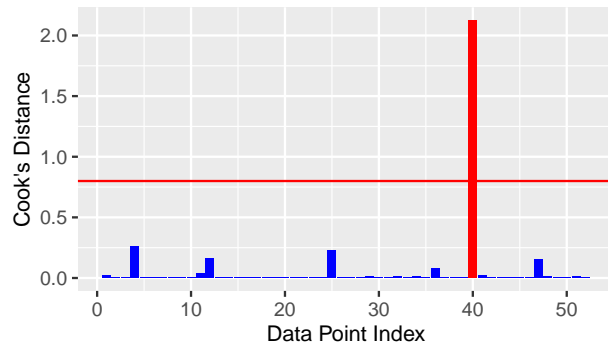
Table 8: nPFOA Change Score + Days Since Most Recent Fire Models

No points removed

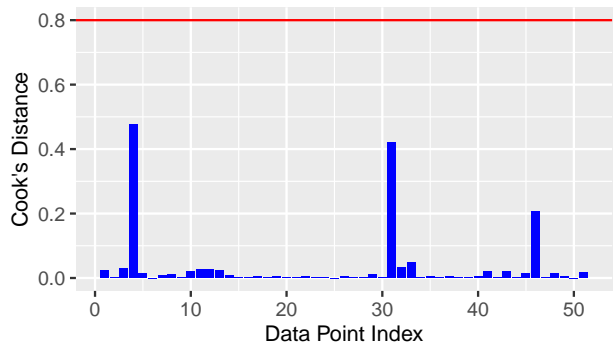




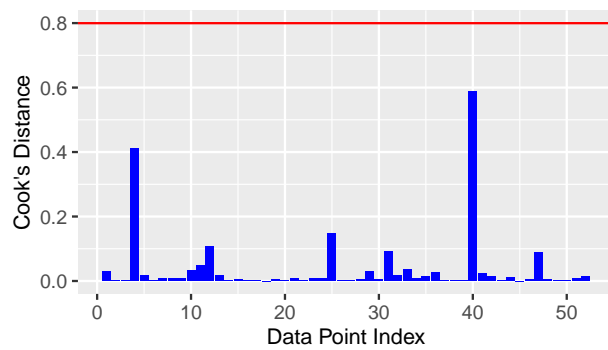
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distrib  
nPFOAorig: days.since.MRF original values



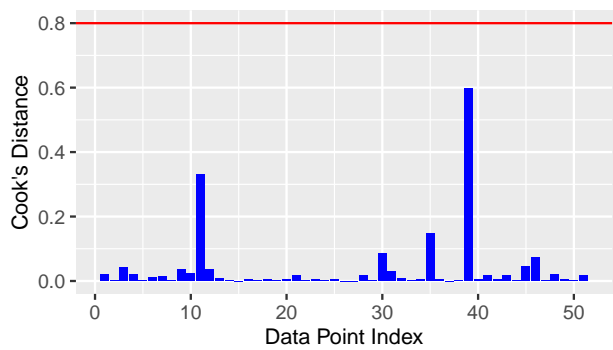
Cook's Distance with Cutoff at 50% Percentile of F(3, 48) Distrib  
nPFOAorig: total.duration.hrs Infl pts rmvd

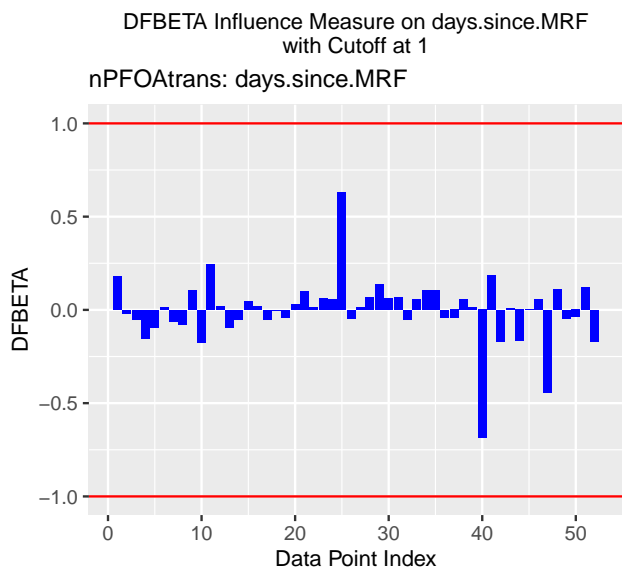
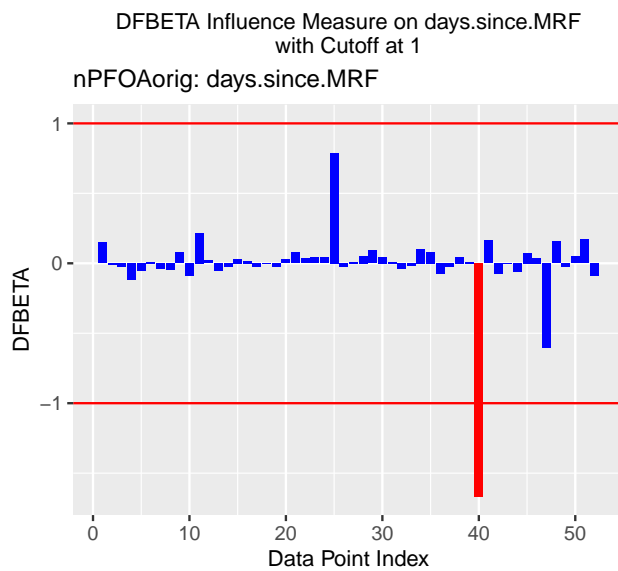
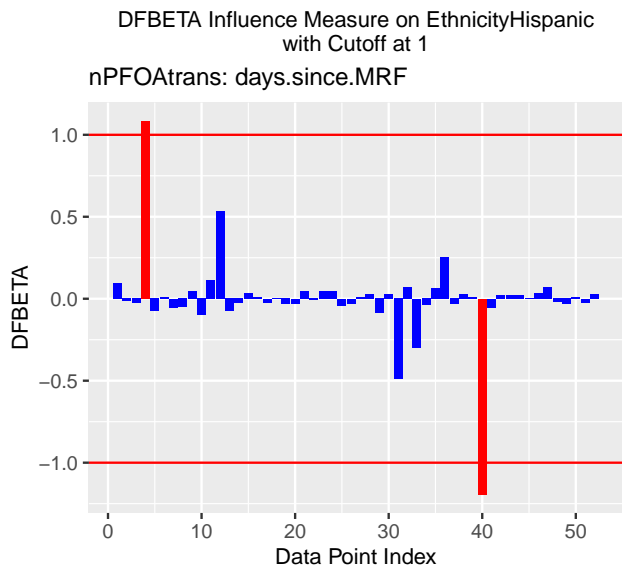
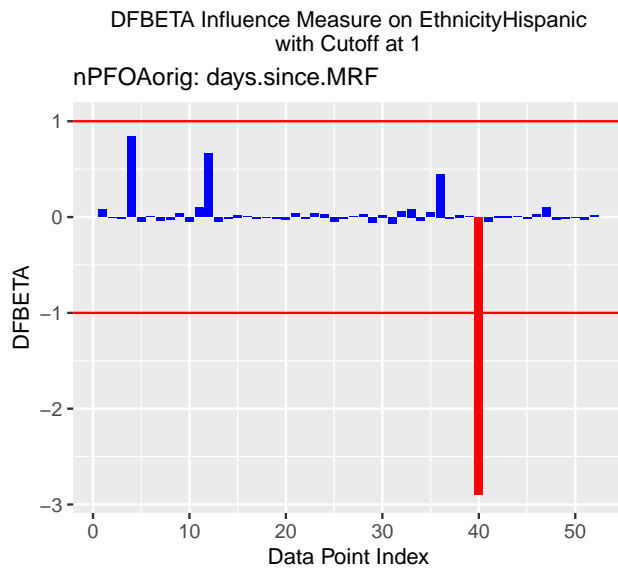
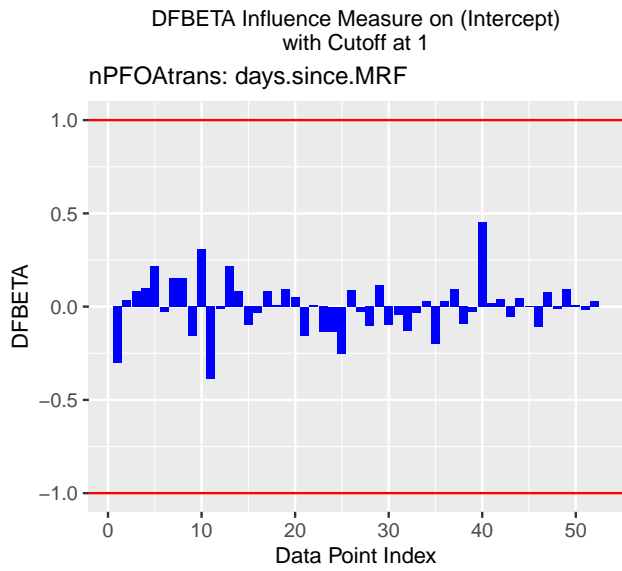
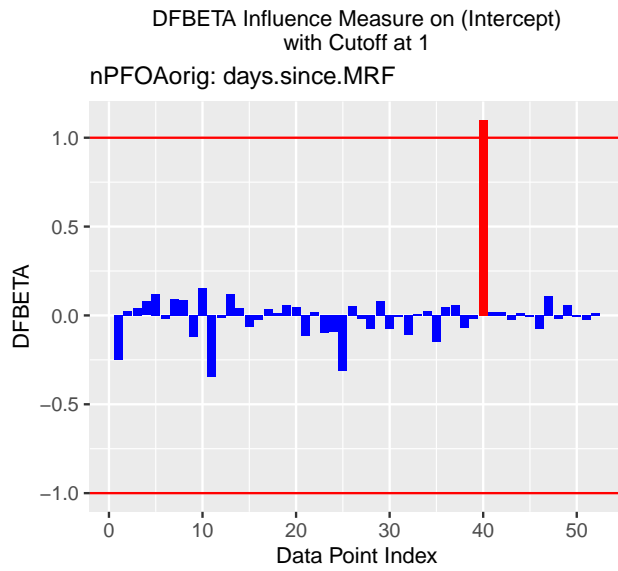


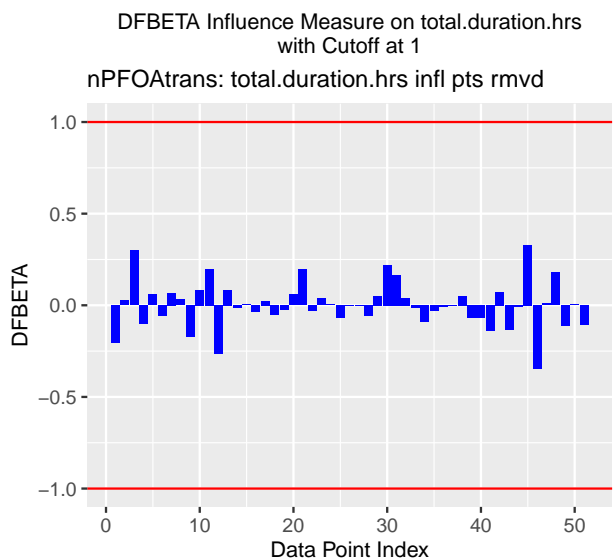
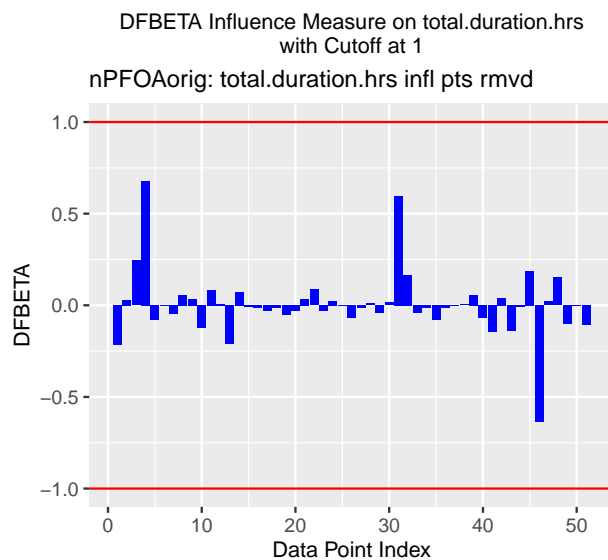
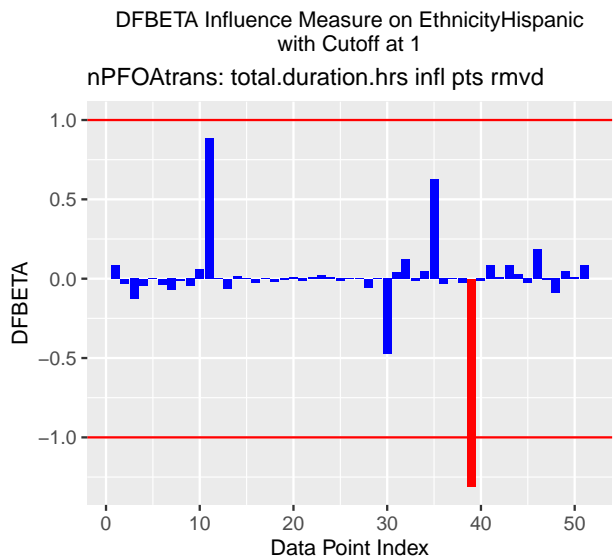
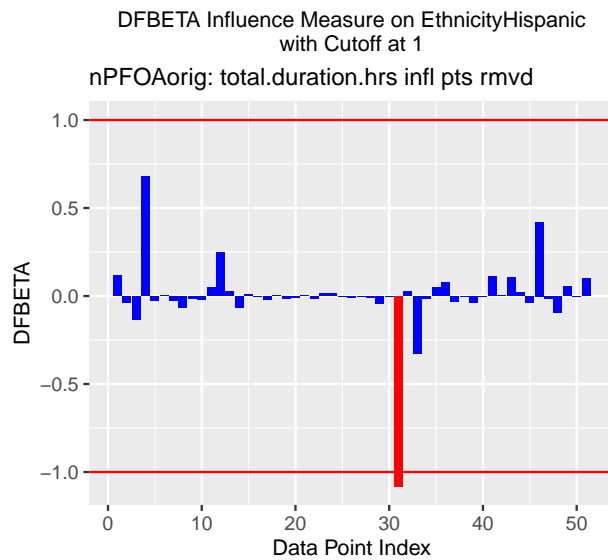
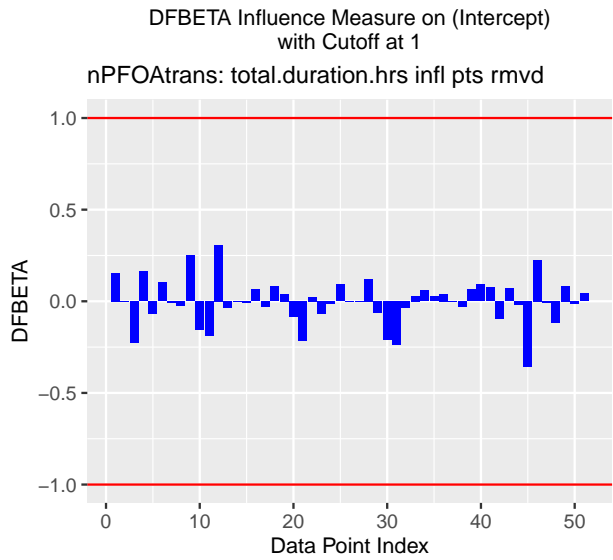
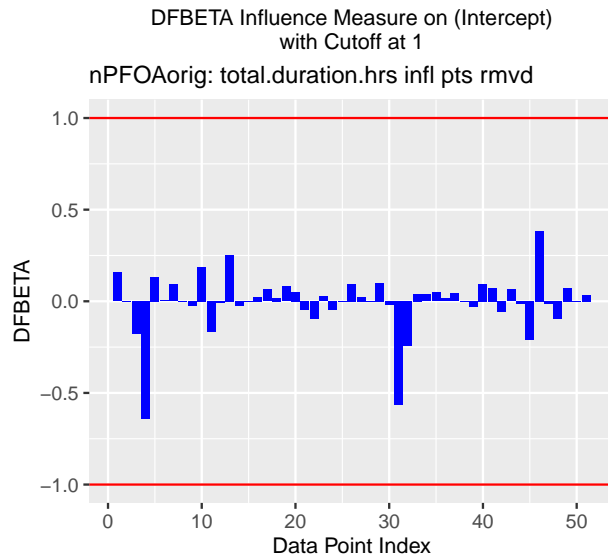
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distrib  
nPFOAtrans: days.since.MRF transformed values



Cook's Distance with Cutoff at 50% Percentile of F(3, 48) Distrib  
nPFOAtrans: total.duration.hrs Infl pts rmvd







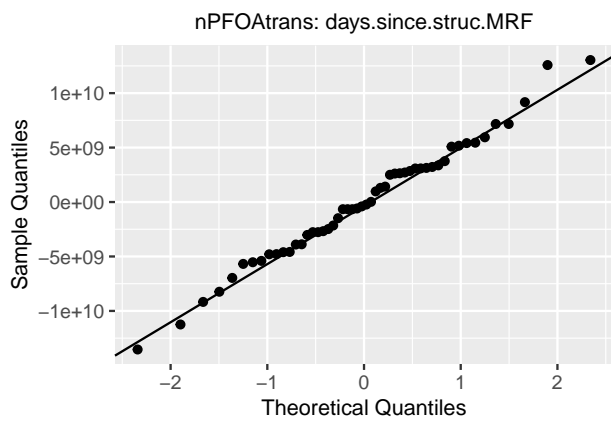
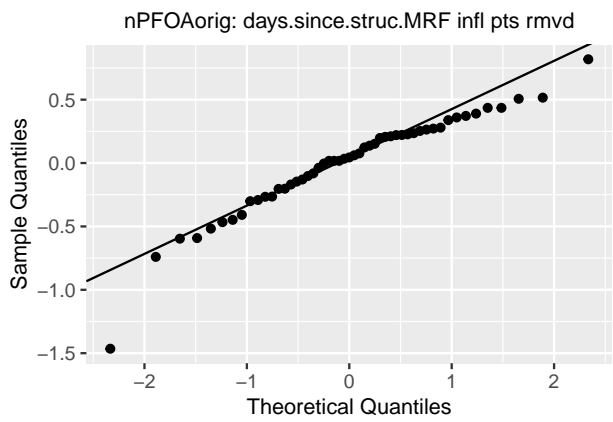
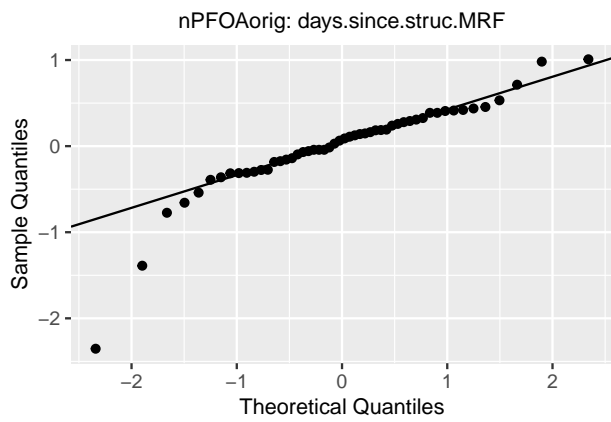
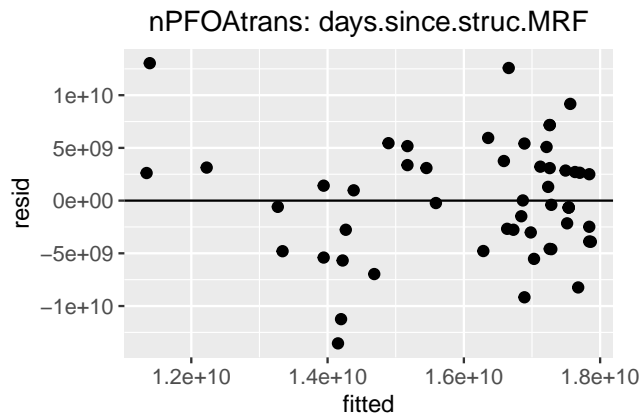
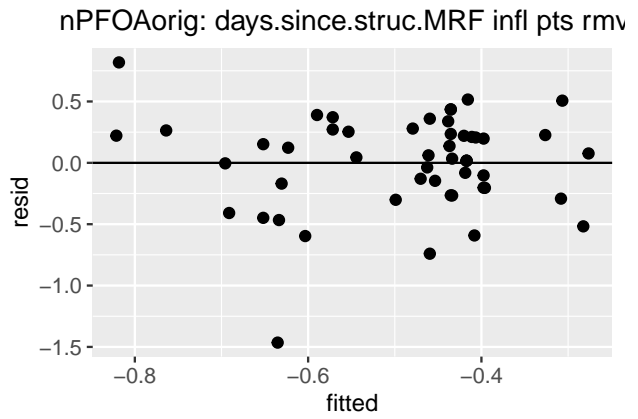
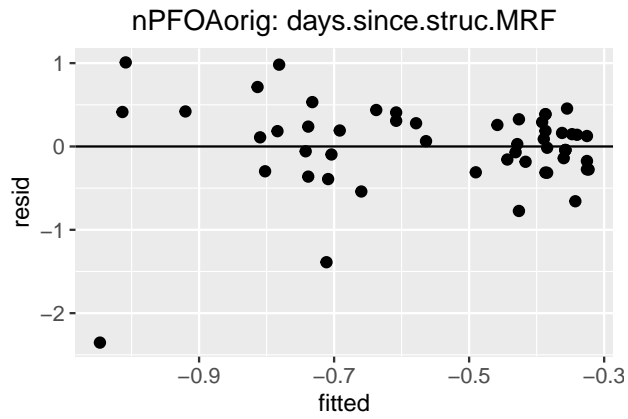
[1] “No influential DFBETA points” [1] “days.since.struc.MRF”

Table 9: nPFOA Change Score + Days Since Most Recent Structural Fire Models

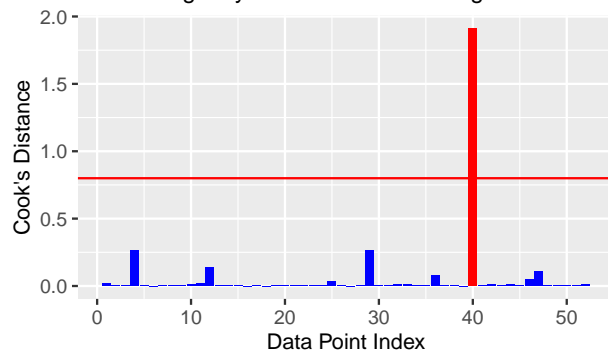
	<i>Dependent variable:</i>		
	nPFOAorig		nPFOAtrans
	Orig outcome: all data	Orig outcome: infl pts rmvd	Trans Outcome: all data
	(1)	(2)	(3)
Constant	−0.321 t = −2.854 p = 0.007***	−0.394 t = −4.768 p = 0.00002***	17,886,679,386.000 t = 15.444 p = 0.000***
days.since.struc.MRF	−0.002 t = −2.442 p = 0.019**	−0.002 t = −2.023 p = 0.049**	−23,200,581.000 t = −2.236 p = 0.030**
EthnicityHispanic	−0.365 t = −1.541 p = 0.130	0.147 t = 0.776 p = 0.442	−323,322,182.000 t = −0.132 p = 0.896
Observations	52	51	52
R <sup>2</sup>	0.135	0.101	0.093
Adjusted R <sup>2</sup>	0.099	0.064	0.056
<i>Note:</i>			*p<0.1; **p<0.05; ***p<0.01

Table 10: nPFOA Change Score + Days Since Most Recent Structural Fire Models

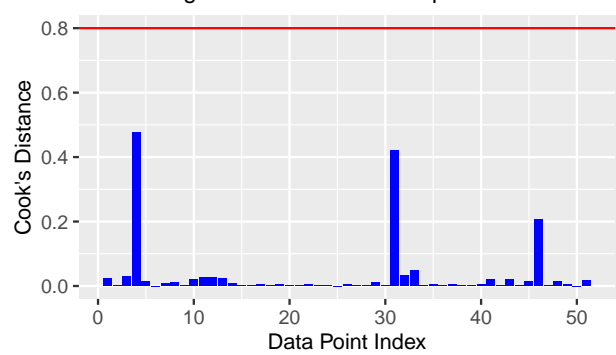
No points removed



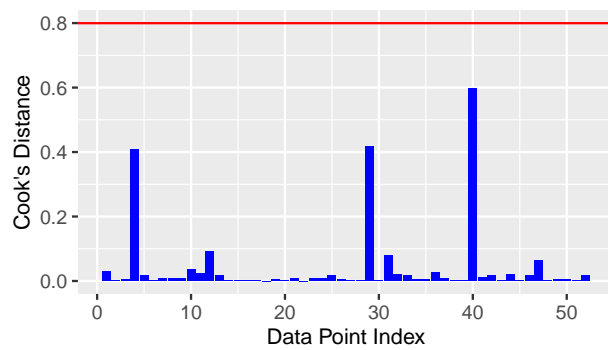
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distrib  
nPFOAorig: days.since.struc.MRF original values



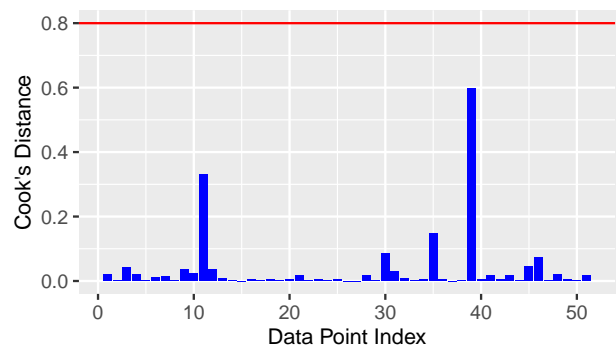
Cook's Distance with Cutoff at 50% Percentile of F(3, 48) Distrib  
nPFOAorig: total.duration.hrs Infl pts rmvd

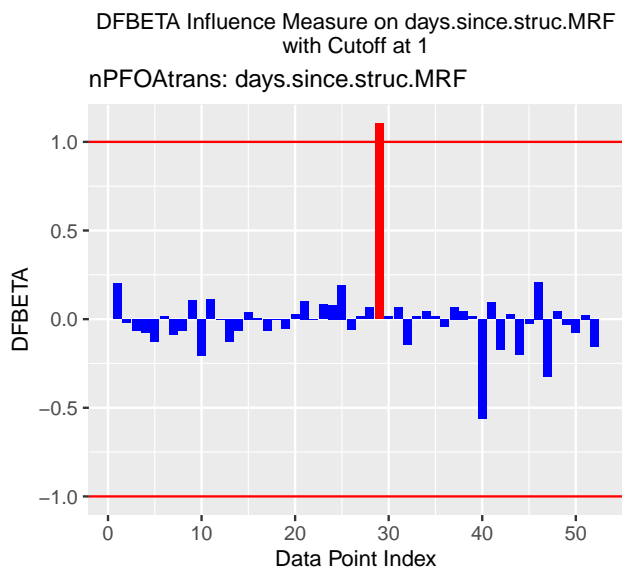
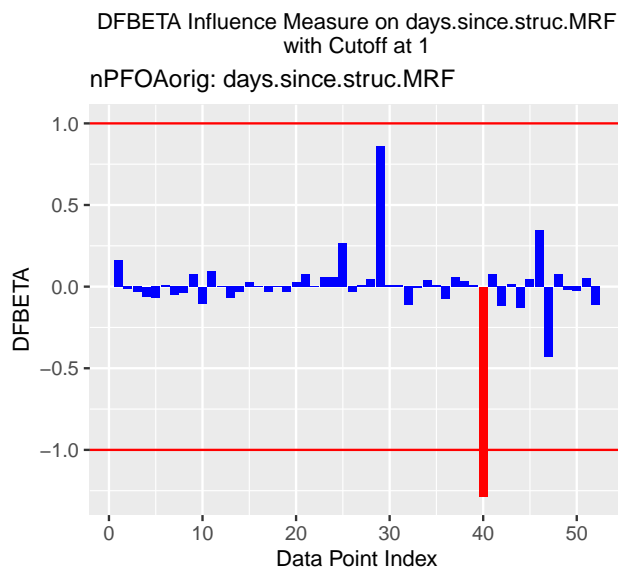
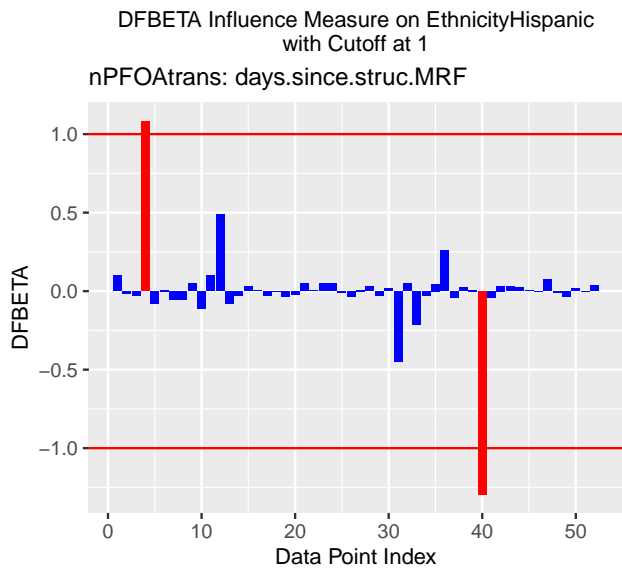
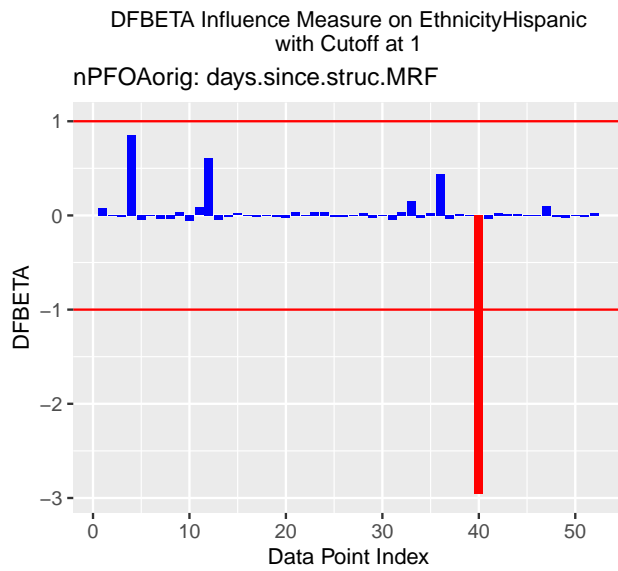
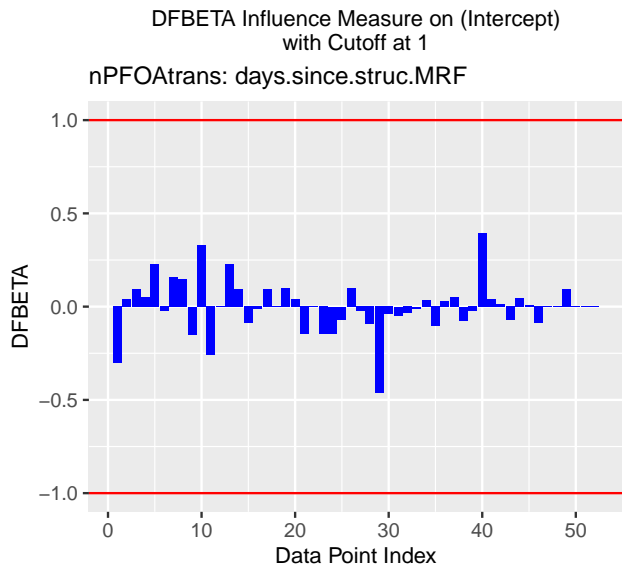
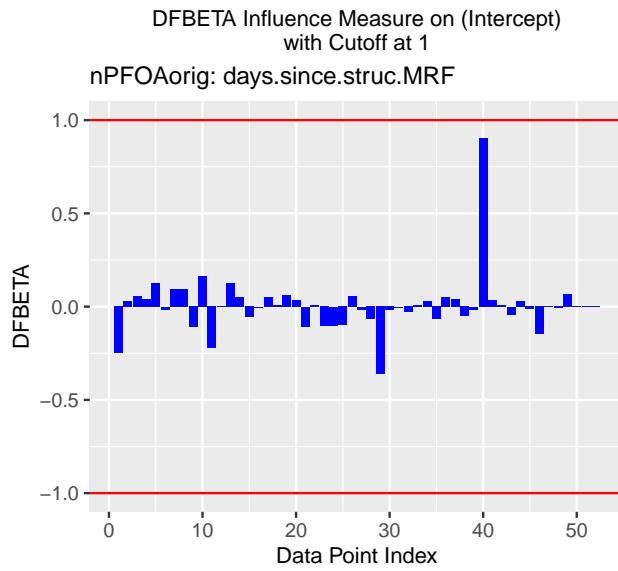


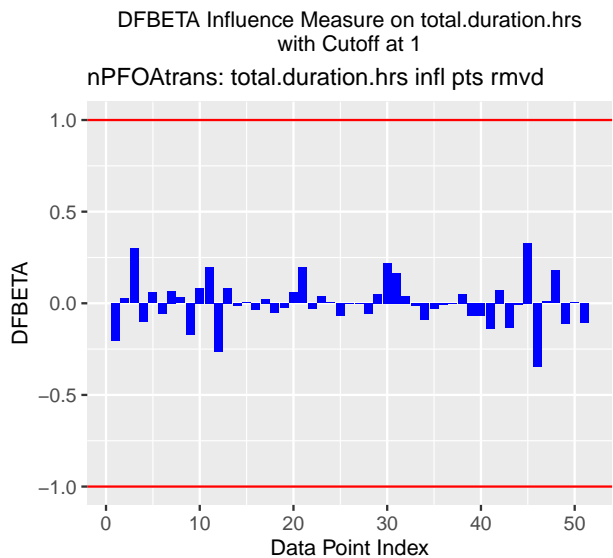
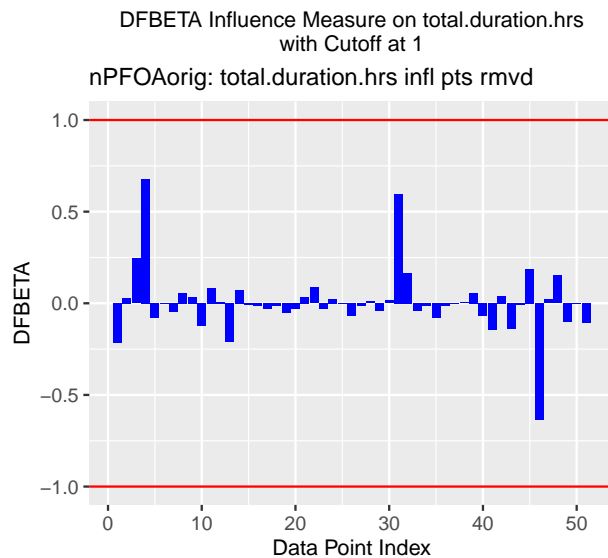
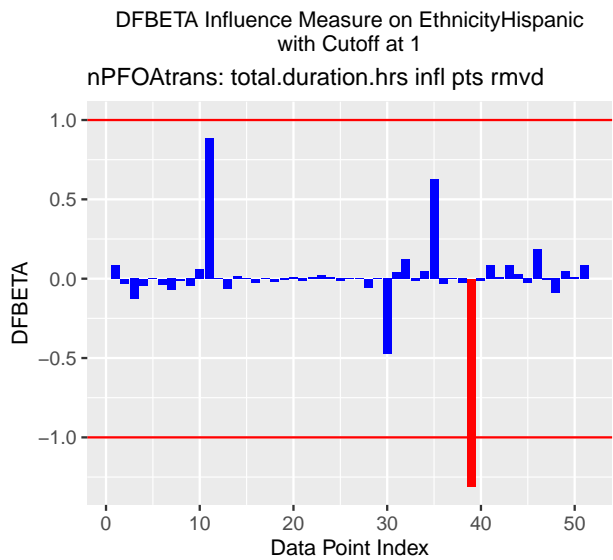
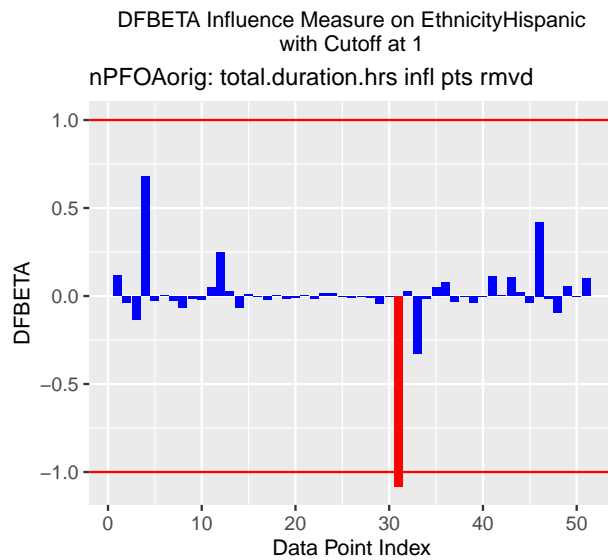
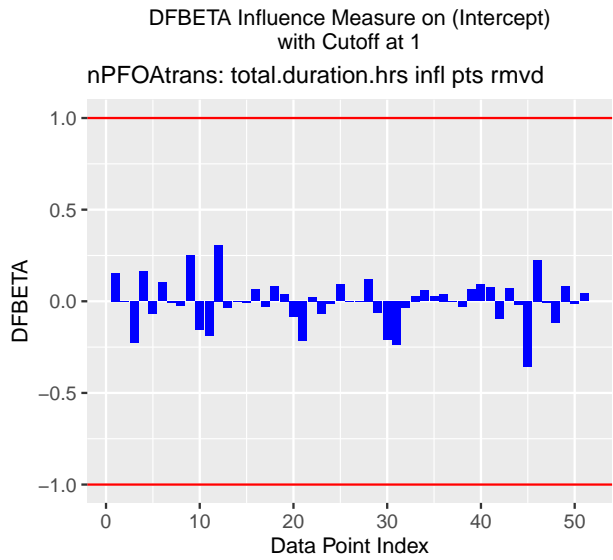
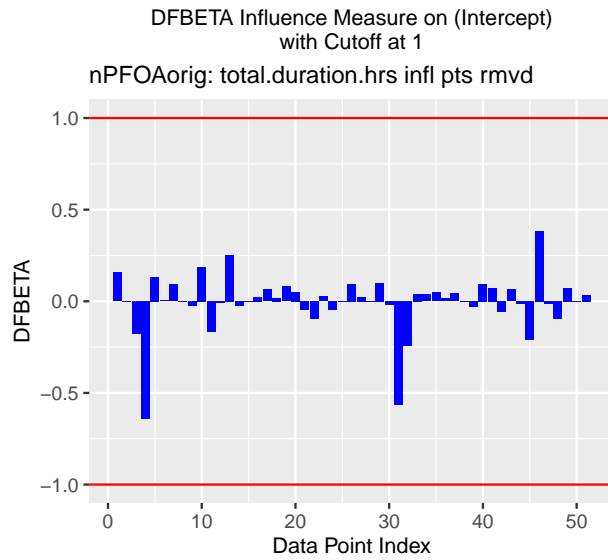
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distrib  
nPFOAtrans: days.since.struc.MRF transformed val



Cook's Distance with Cutoff at 50% Percentile of F(3, 48) Distrib  
nPFOAtrans: total.duration.hrs Infl pts rmvd









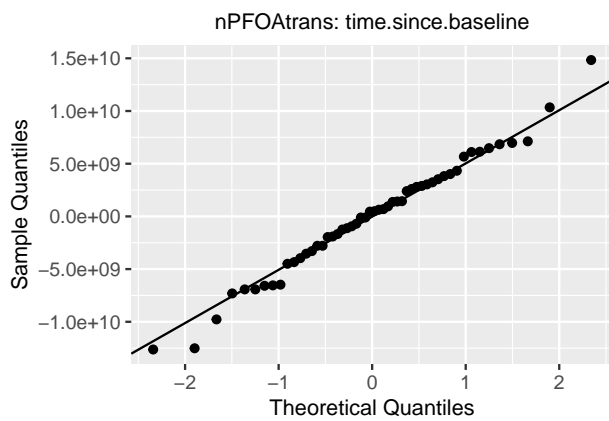
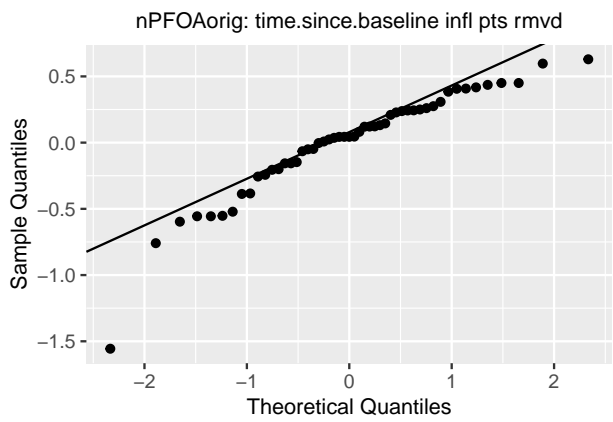
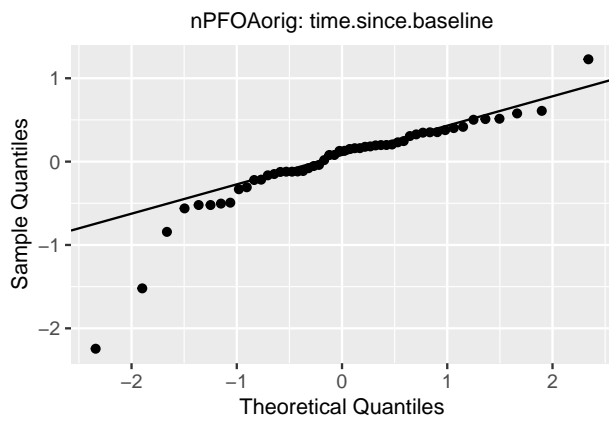
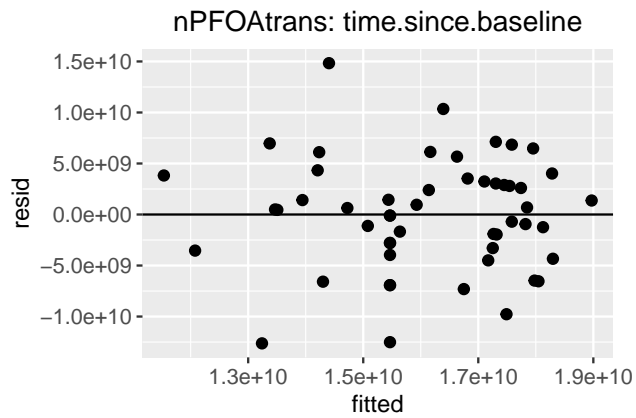
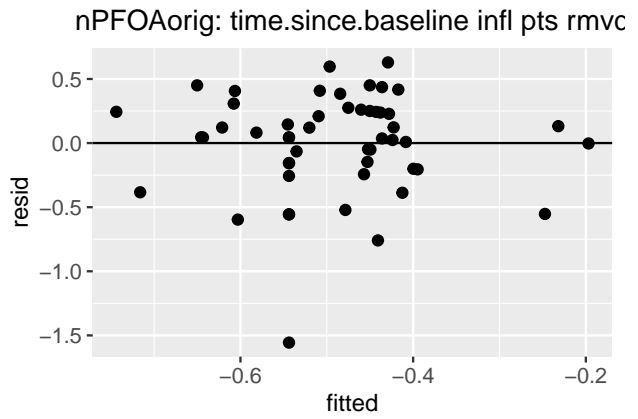
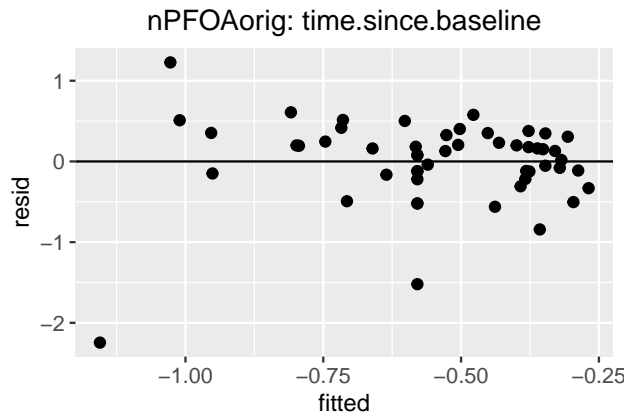
[1] “No influential DFBETA points” [1] “time.since.baseline”

Table 11: nPFOA Change Score + Time Since Baseline (days) Models

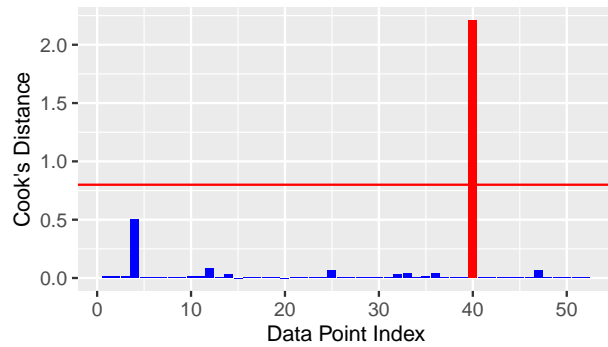
	<i>Dependent variable:</i>		
	nPFOAorig		nPFOAtrans
	Orig outcome: all data	Orig outcome: infl pts rmvd	Trans Outcome: all data
	(1)	(2)	(3)
Constant	0.628 t = 1.359 p = 0.181	0.016 t = 0.046 p = 0.964	26,476,795,917.000 t = 5.529 p = 0.00001***
time.since.baseline	-0.001 t = -2.506 p = 0.016**	-0.001 t = -1.500 p = 0.141	-13,235,018.000 t = -2.206 p = 0.033**
EthnicityHispanic	-0.204 t = -0.857 p = 0.396	0.228 t = 1.198 p = 0.237	1,162,931,116.000 t = 0.472 p = 0.640
Observations	52	51	52
R <sup>2</sup>	0.140	0.068	0.091
Adjusted R <sup>2</sup>	0.105	0.029	0.053
<i>Note:</i>			*p<0.1; **p<0.05; ***p<0.01

Table 12: nPFOA Change Score + Time Since Baseline (days) Models

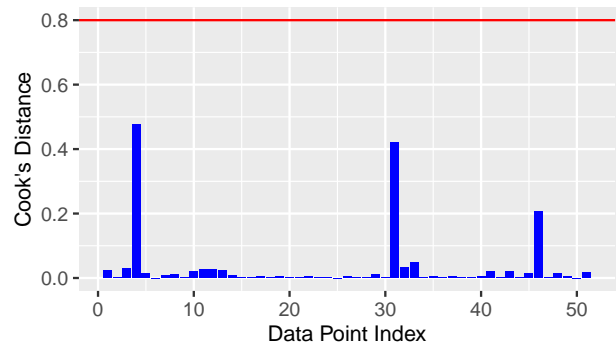
No points removed
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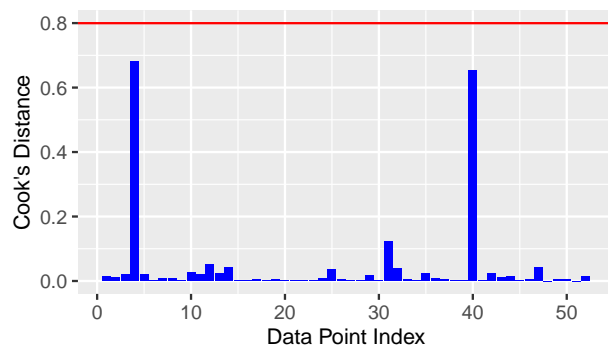
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distrib  
nPFOAorig: time.since.baseline original values



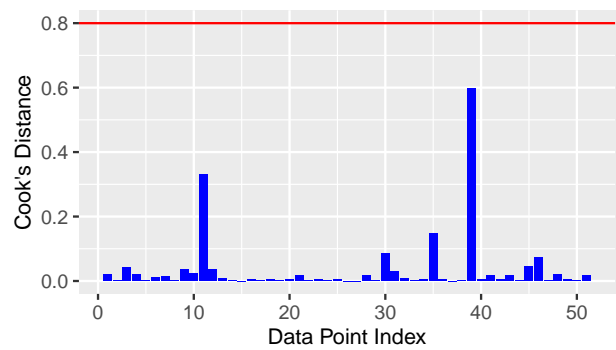
Cook's Distance with Cutoff at 50% Percentile of F(3, 48) Distrib  
nPFOAorig: total.duration.hrs Infl pts rmvd

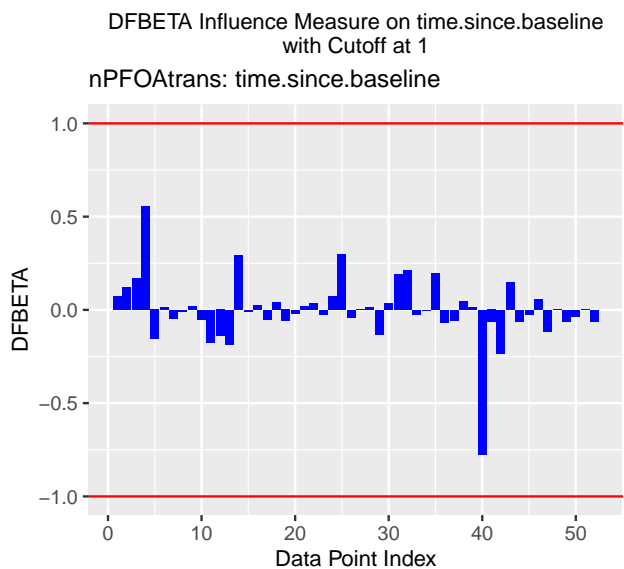
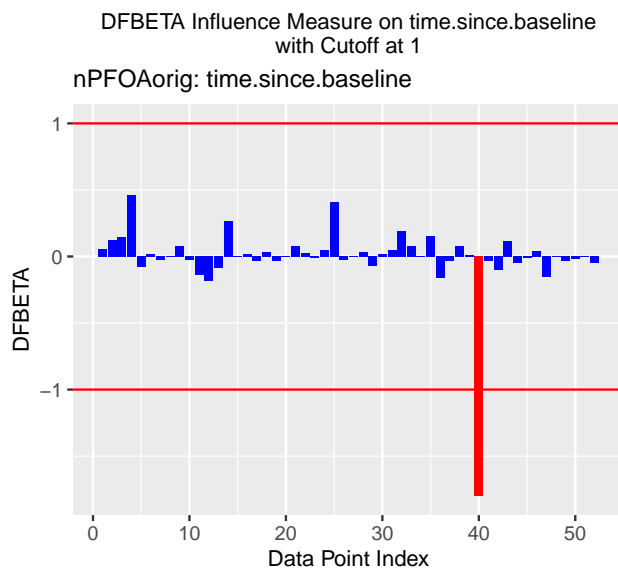
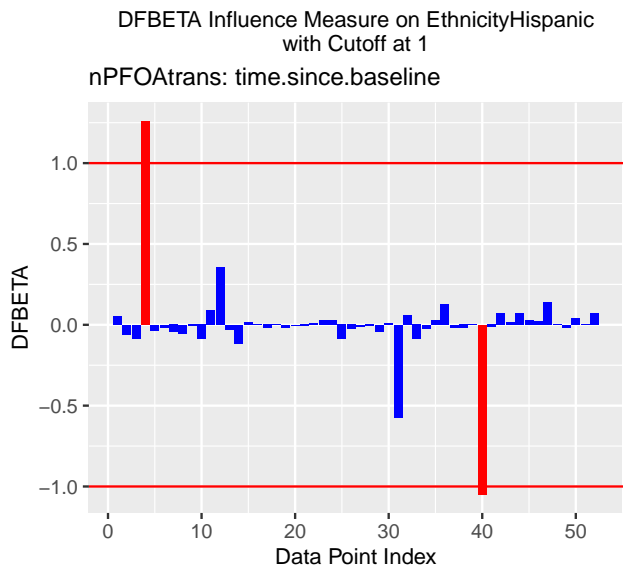
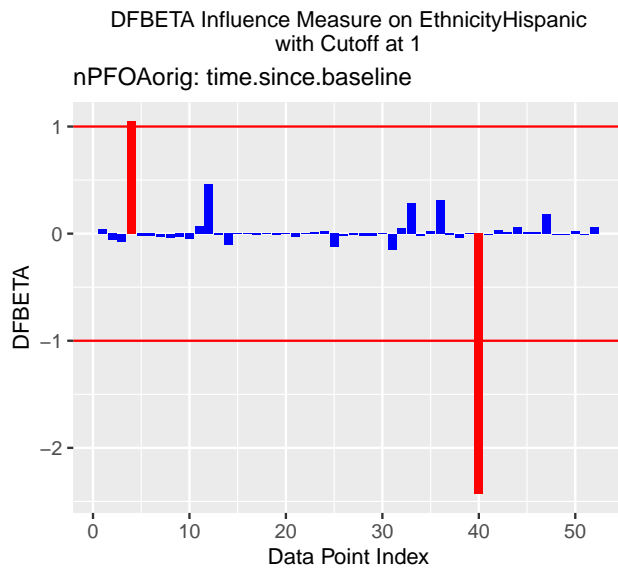
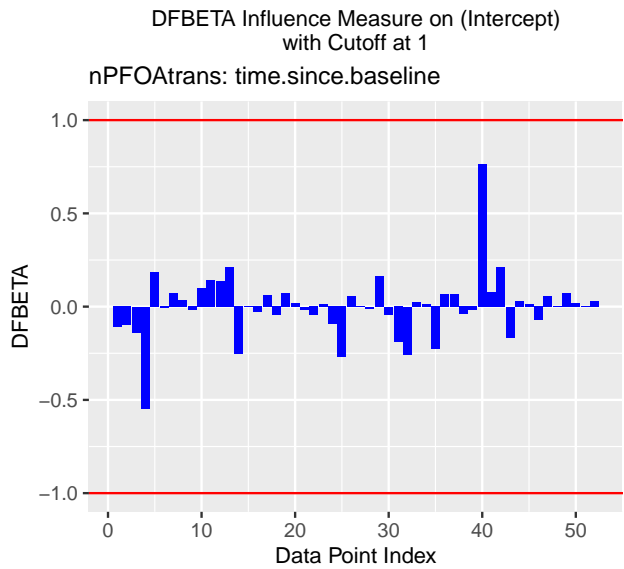
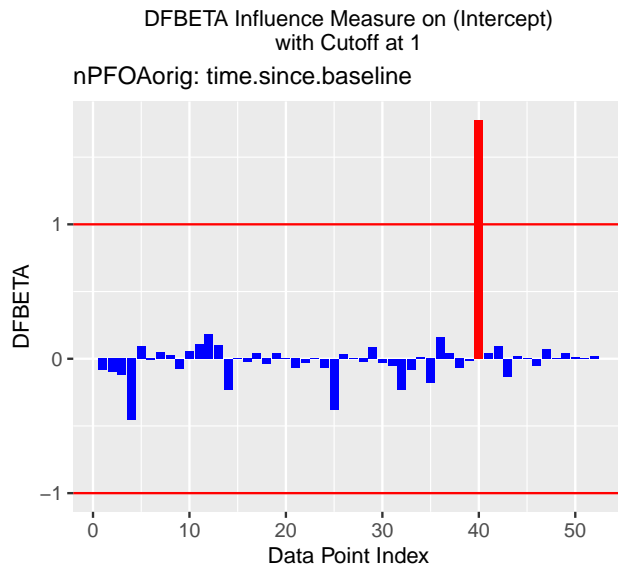


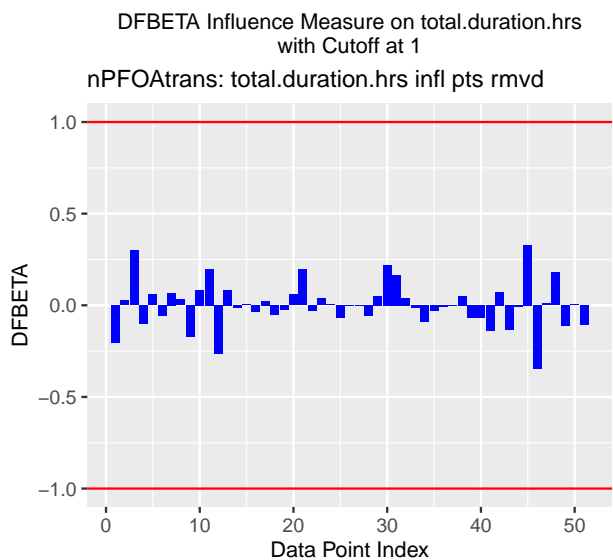
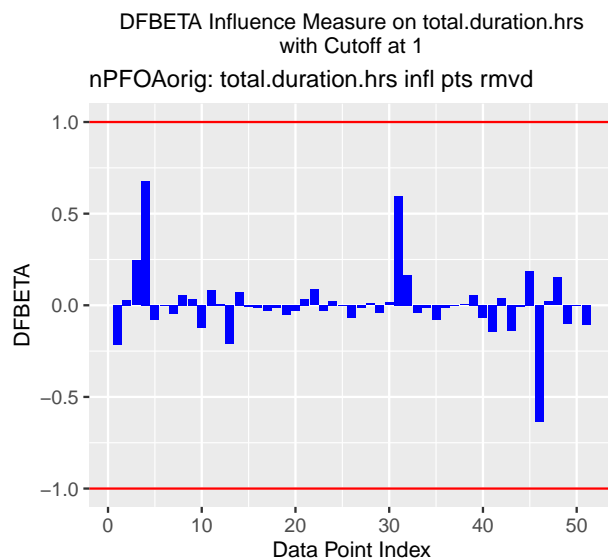
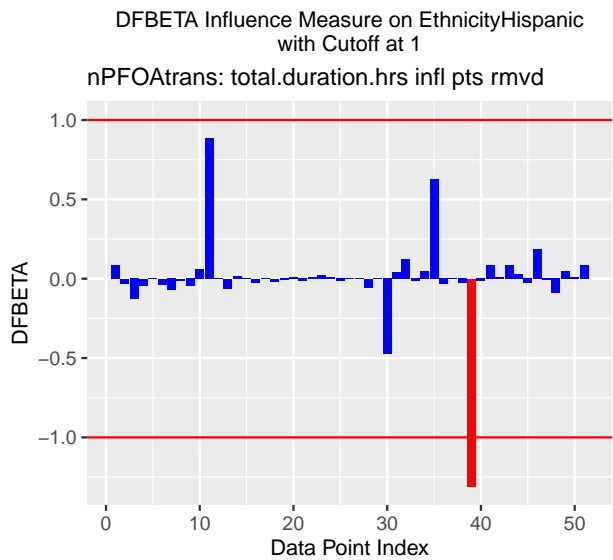
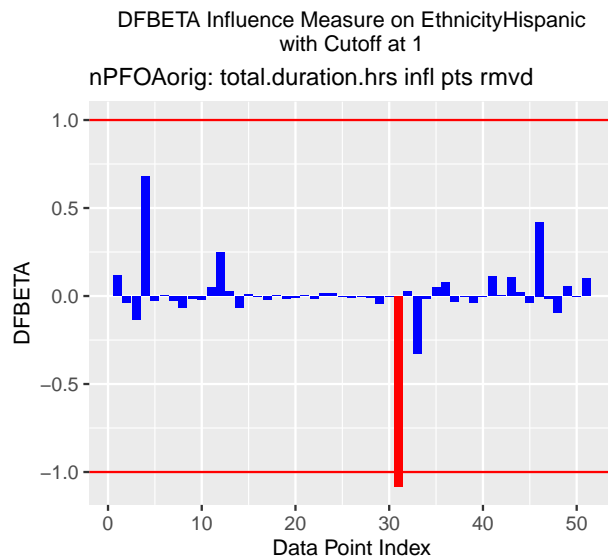
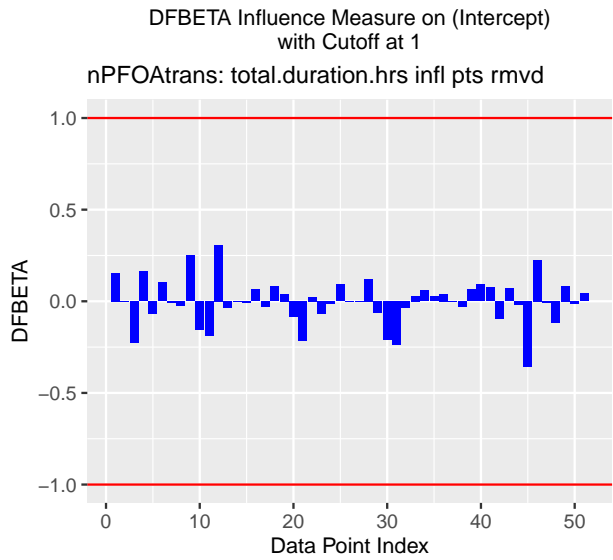
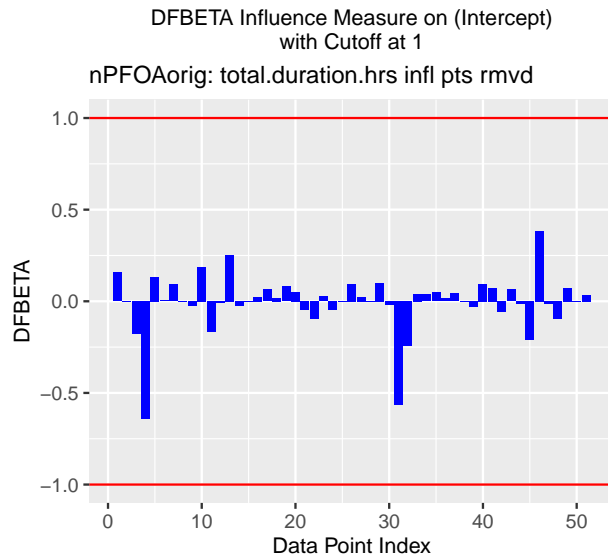
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distrib  
nPFOAtrans: time.since.baseline transformed values



Cook's Distance with Cutoff at 50% Percentile of F(3, 48) Distrib  
nPFOAtrans: total.duration.hrs Infl pts rmvd







[1] “No influential DFBETA points” [1] “nPFOsorig” [1] “total.num.fireruns”

Table 13: nPFOS Change Score + Total Number of Fireruns Models

	<i>Dependent variable:</i>
	nPFOSorig Orig outcome: all data
Constant	-0.646 t = -1.569 p = 0.124
total.num.fireruns	-0.005 t = -0.651 p = 0.519
EthnicityHispanic	-0.093 t = -0.236 p = 0.815
Observations	52
R <sup>2</sup>	0.012
Adjusted R <sup>2</sup>	-0.028
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 14: nPFOS Change Score + Total Number of Fireruns Models

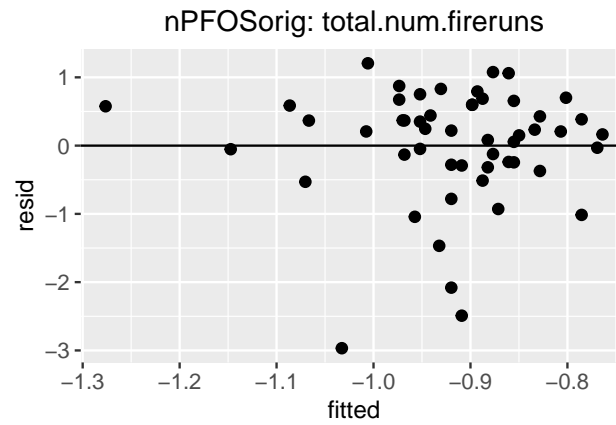
No points removed

Table 15: nPFOS Change Score + Total Number of Fireruns Models

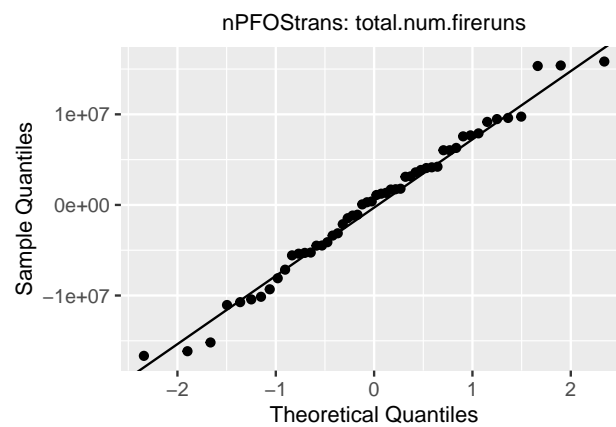
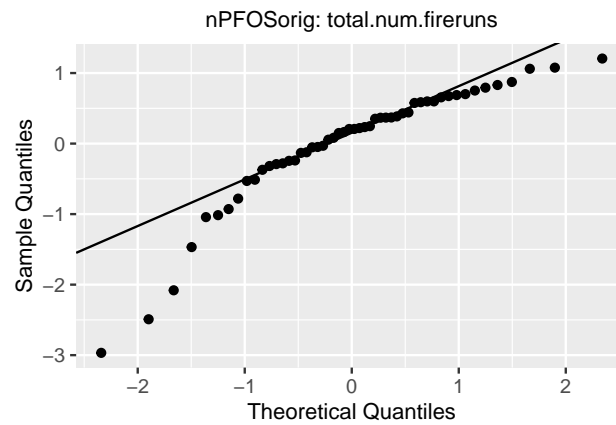
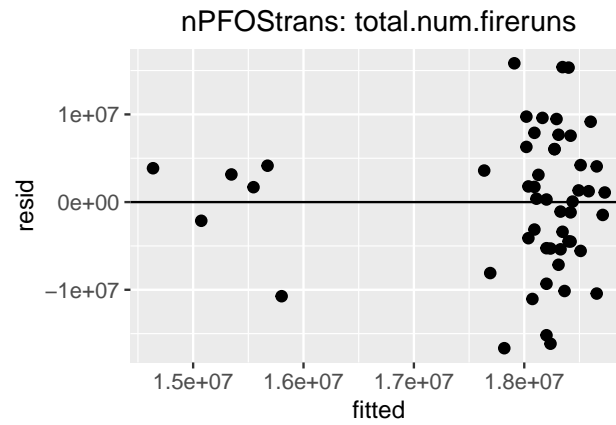
	<i>Dependent variable:</i>
	nPFOStrans Orig outcome: all data
Constant	19,129,584.000 t = 5.082 p = 0.00001***
total.num.fireruns	-18,202.670 t = -0.241 p = 0.811
EthnicityHispanic	-2,672,584.000 t = -0.740 p = 0.463
Observations	52
R <sup>2</sup>	0.015
Adjusted R <sup>2</sup>	-0.025
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 16: nPFOS Change Score + Total Number of Fireruns Models

No points removed

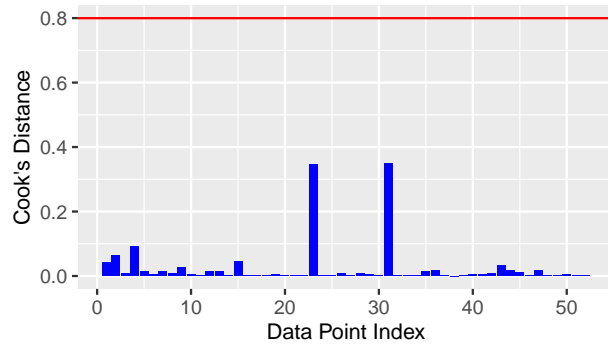


No points removed



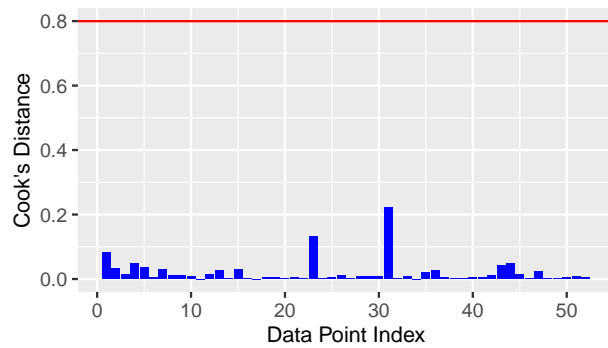
[1] “No influential points removed”

Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distribution  
nPFOSorig: total.num.fireruns original values

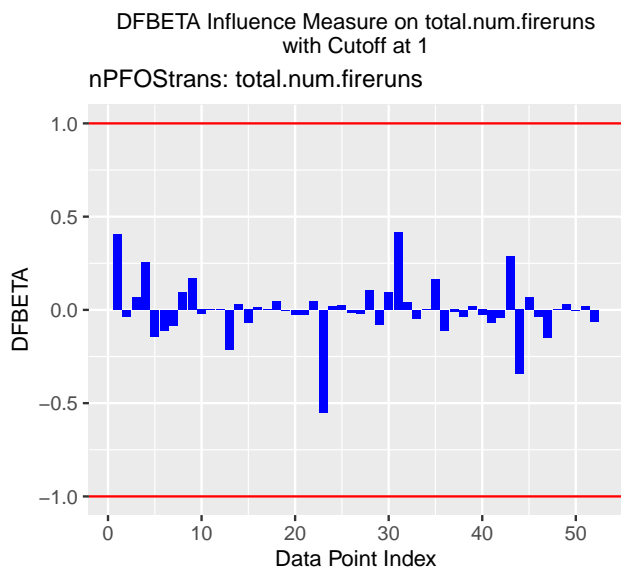
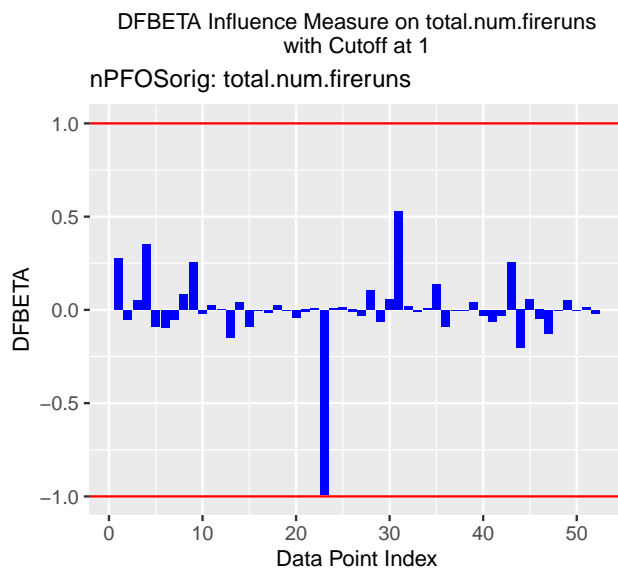
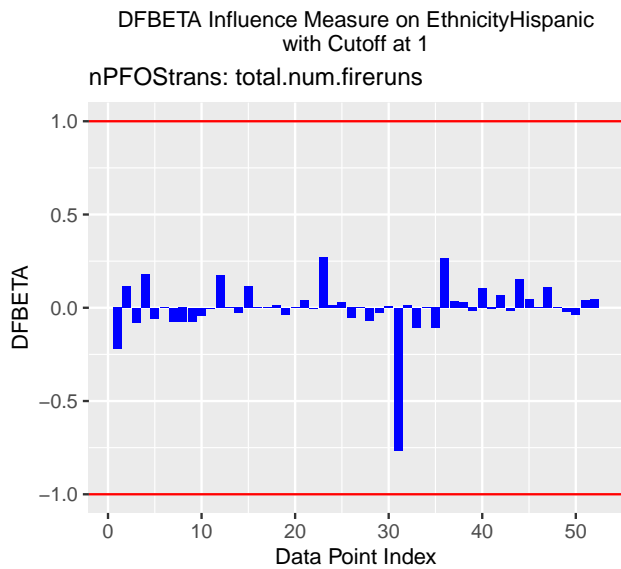
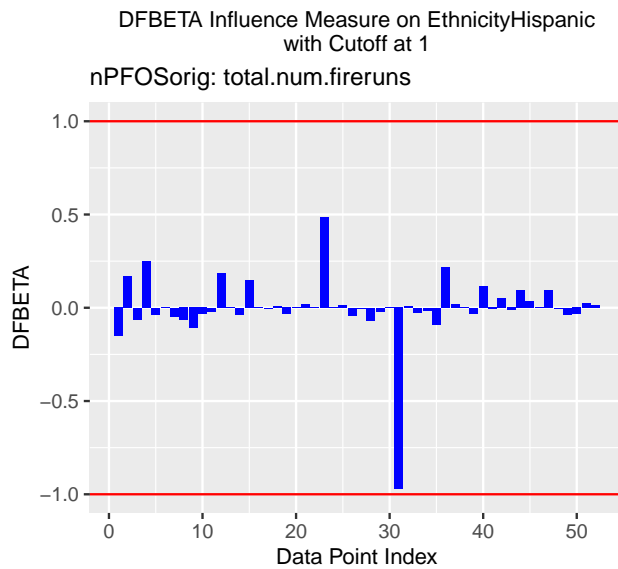
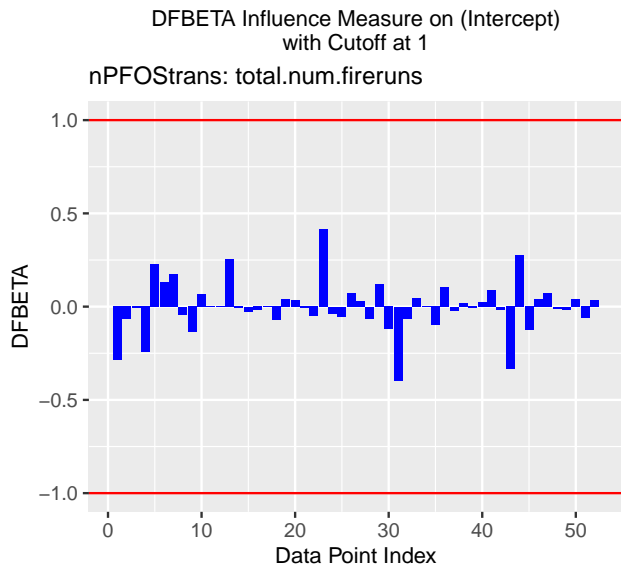
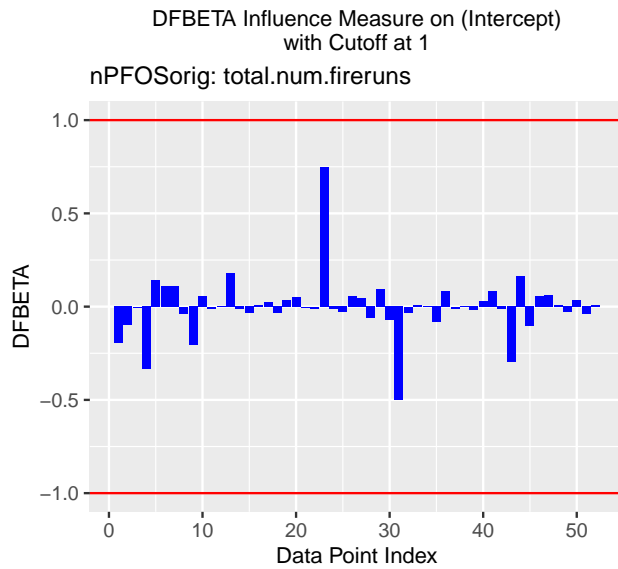


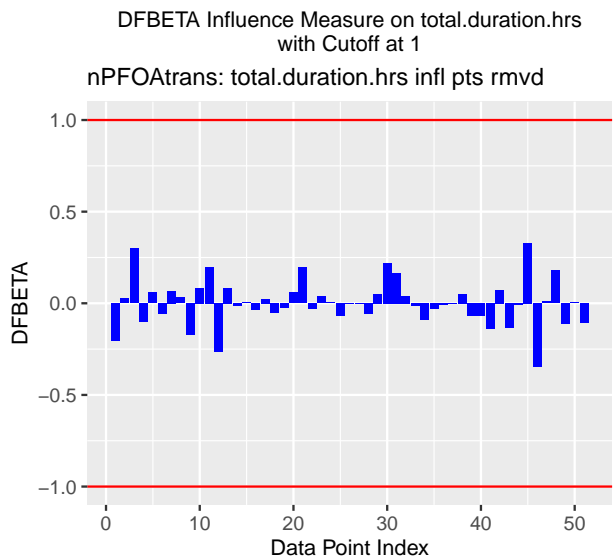
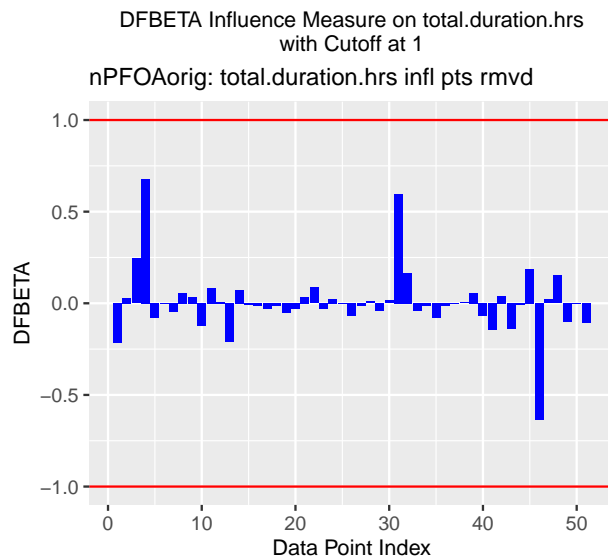
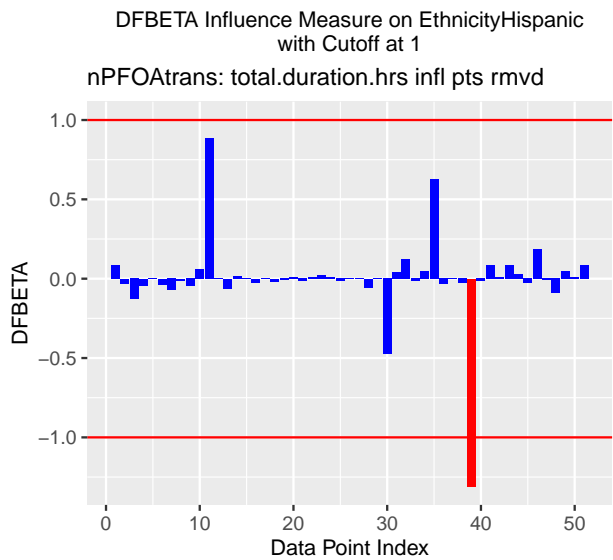
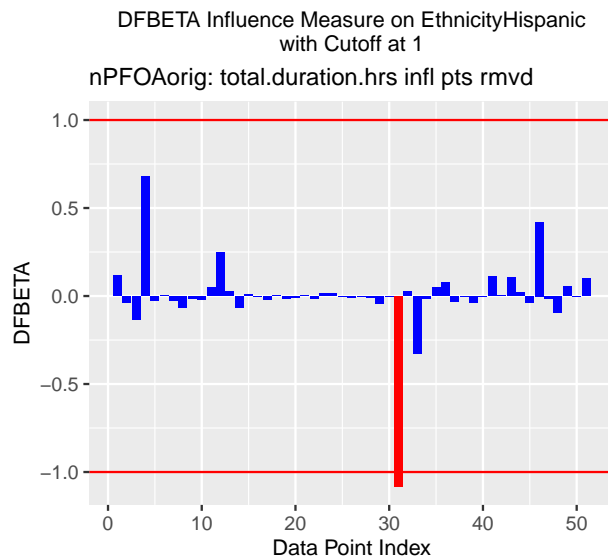
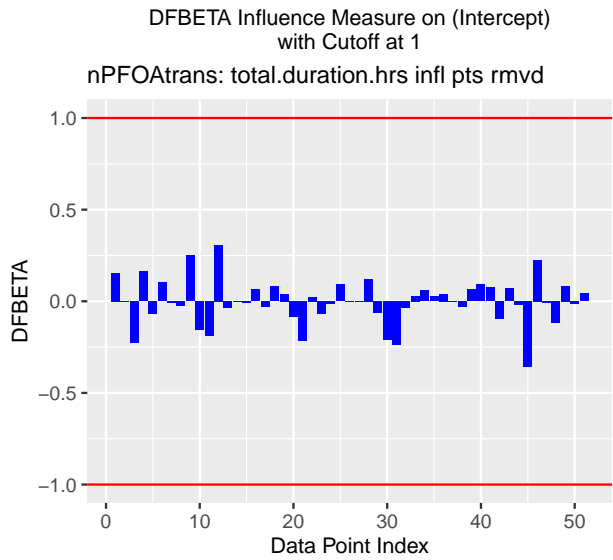
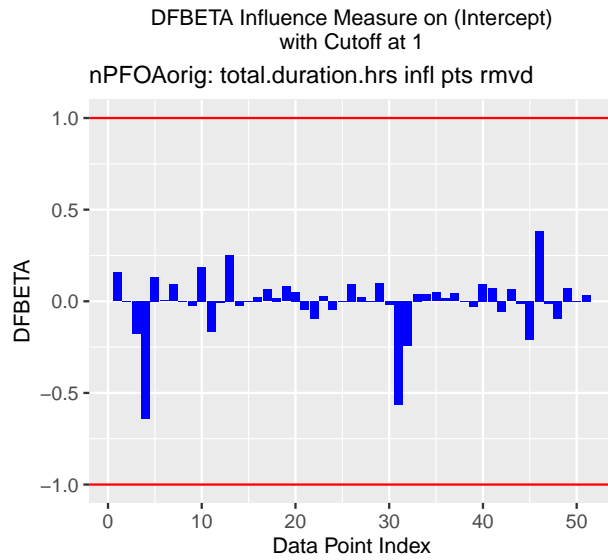
No influential points removed

Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distribution  
nPFOStrans: total.num.fireruns transformed values









[1] “No influential DFBETA points” [1] “str.num.fireruns”

Table 17: nPFOS Change Score + Total Number of Structural Fireruns Models

	<i>Dependent variable:</i>
	nPFOSorig Orig outcome: all data
Constant	−0.910 t = −2.718 p = 0.010***
str.num.fireruns	0.001 t = 0.032 p = 0.975
EthnicityHispanic	−0.171 t = −0.424 p = 0.674
Observations	52
R <sup>2</sup>	0.004
Adjusted R <sup>2</sup>	−0.037
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 18: nPFOS Change Score + Total Number of Structural Fireruns Models

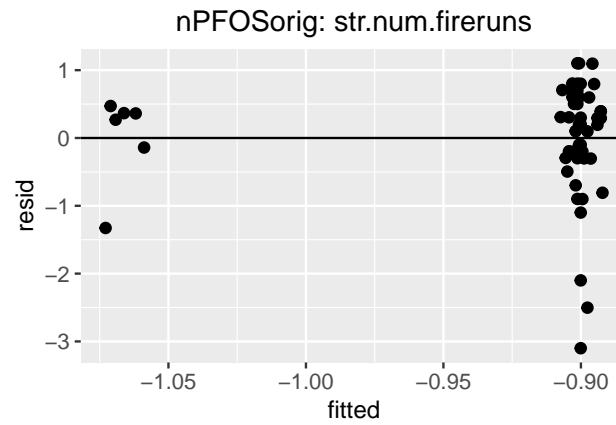
No points removed
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Table 19: nPFOS Change Score + Total Number of Structural Fireruns Models

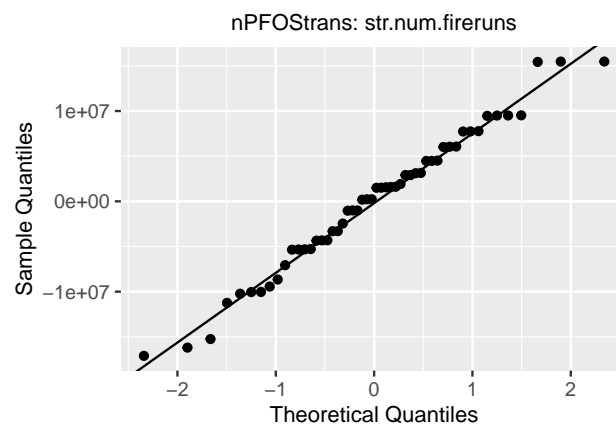
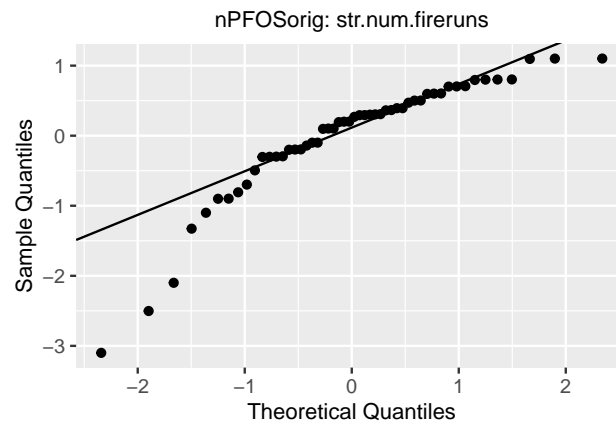
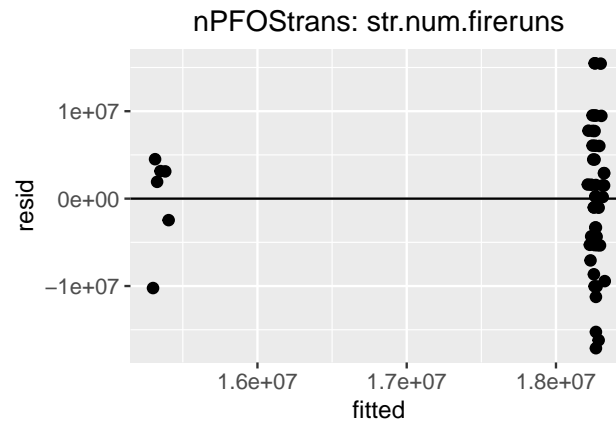
	<i>Dependent variable:</i>
	nPFOStrans Orig outcome: all data
Constant	18,194,944.000 t = 5.963 p = 0.00000***
str.num.fireruns	4,542.824 t = 0.026 p = 0.980
EthnicityHispanic	−2,953,549.000 t = −0.804 p = 0.426
Observations	52
R <sup>2</sup>	0.014
Adjusted R <sup>2</sup>	−0.026
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 20: nPFOS Change Score + Total Number of Structural Fireruns Models

No points removed
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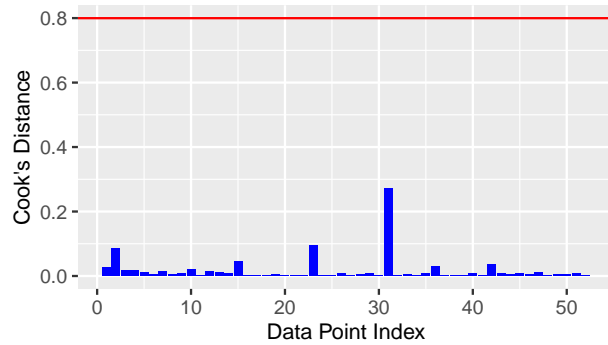


No points removed



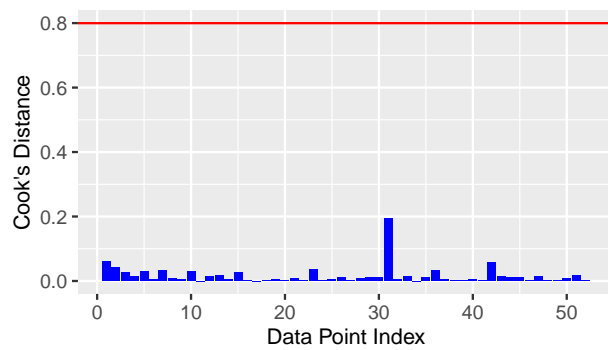
[1] "No influential points removed"

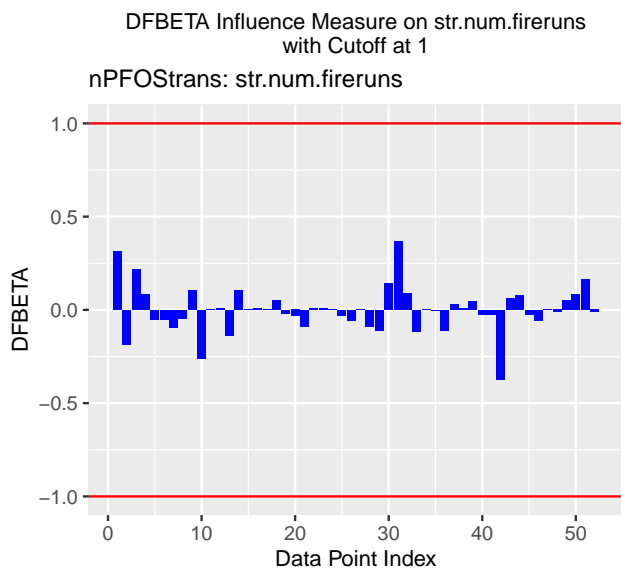
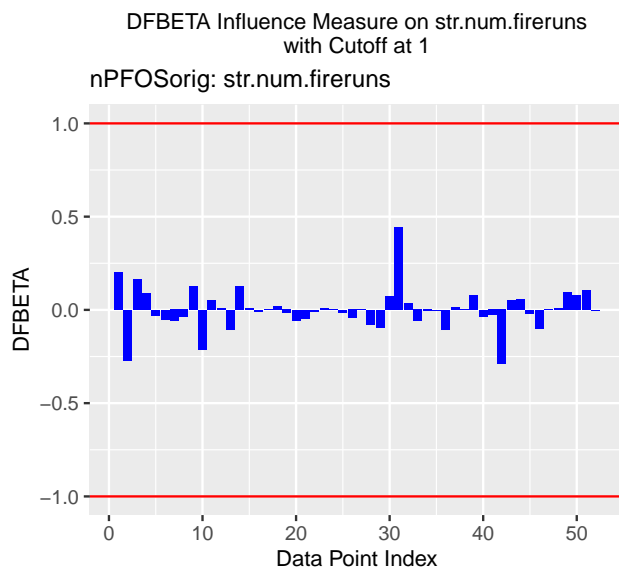
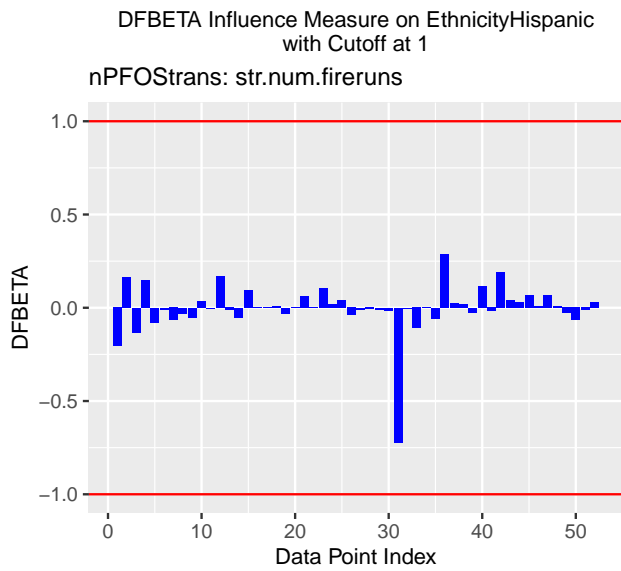
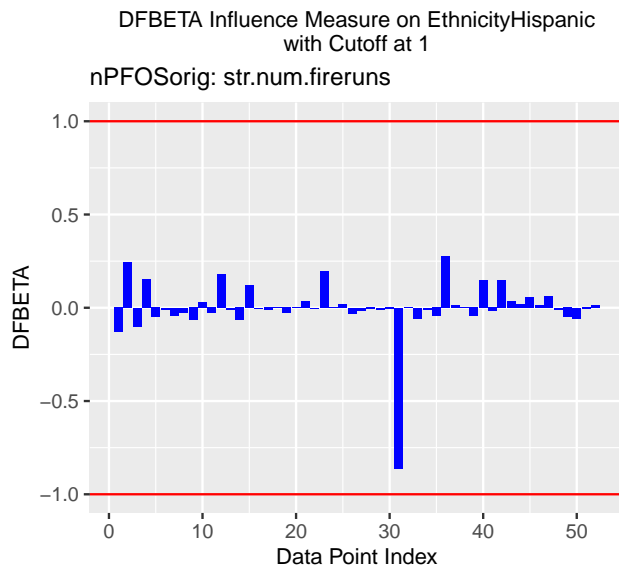
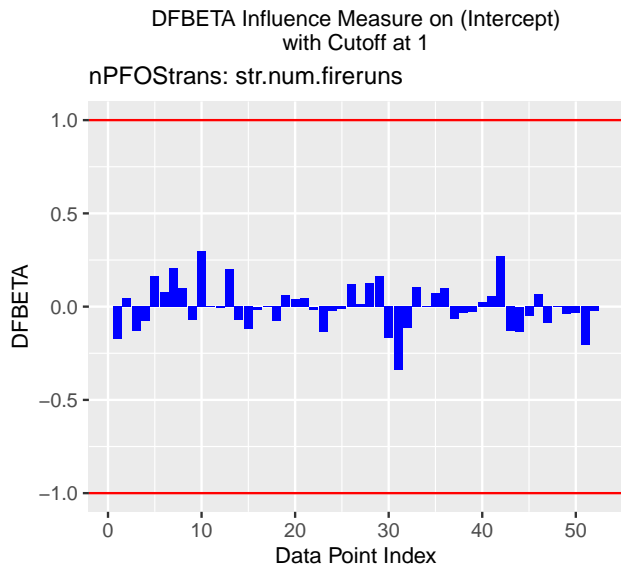
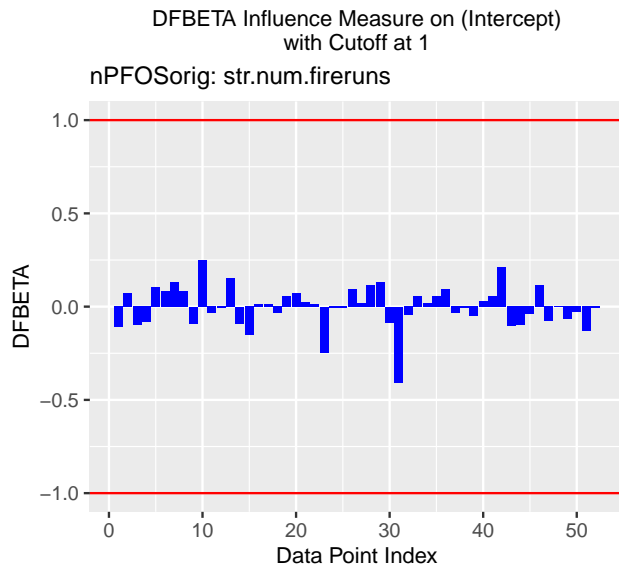
Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution  
nPFOSorig: str.num.fireruns original values

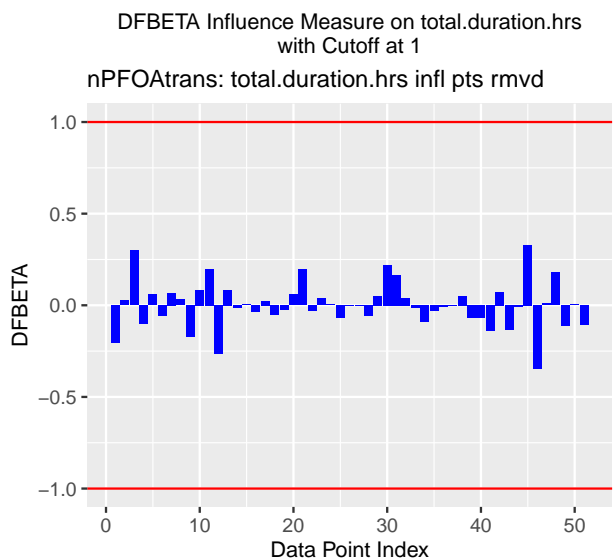
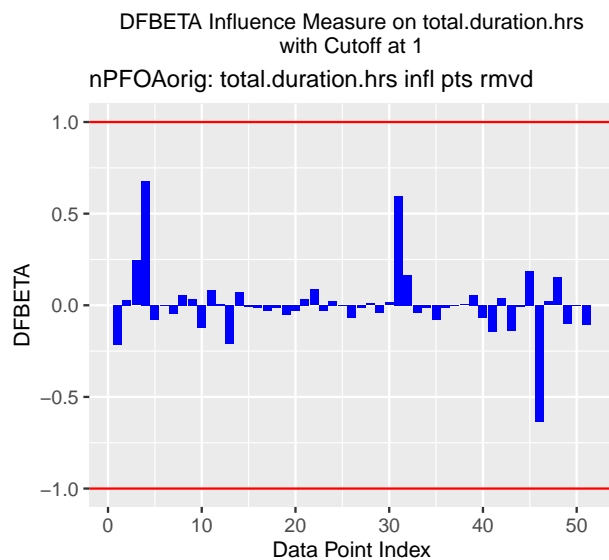
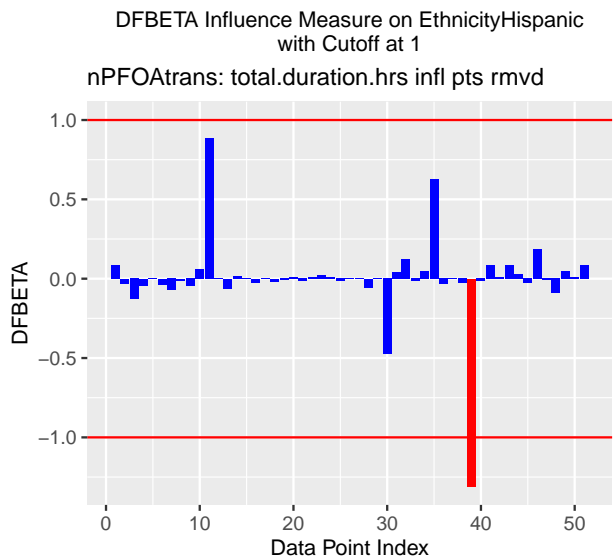
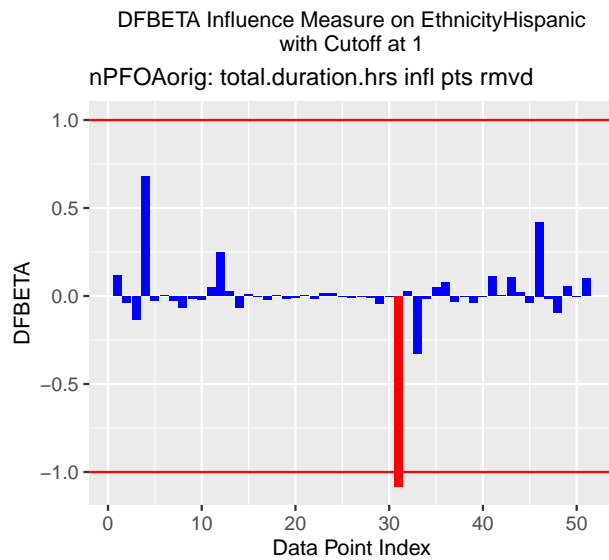
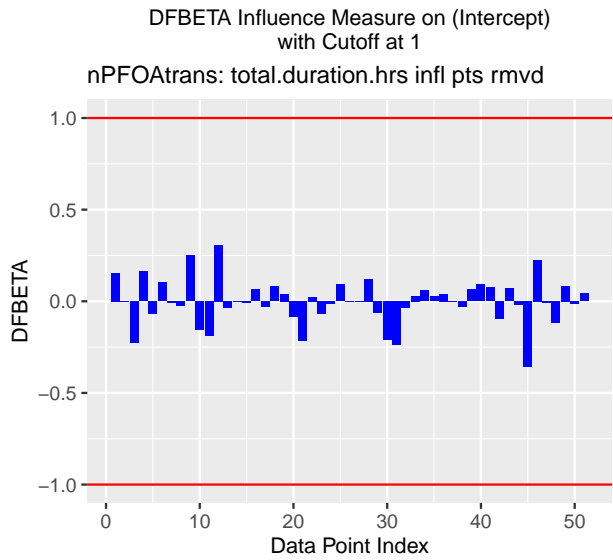
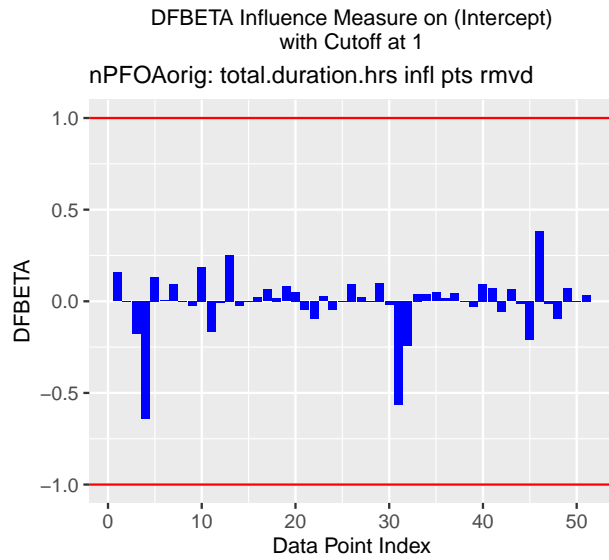


No influential points removed

Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution  
nPFOStrans: str.num.fireruns transformed values







[1] “No influential DFBETA points” [1] “total.duration.hrs”

Table 21: nPFOS Change Score + Models

	<i>Dependent variable:</i>
	nPFOSorig Orig outcome: all data
Constant	−0.599 t = −1.508 p = 0.139
total.duration.hrs	−0.012 t = −0.800 p = 0.428
EthnicityHispanic	−0.052 t = −0.128 p = 0.899
Observations	52
R <sup>2</sup>	0.017
Adjusted R <sup>2</sup>	−0.023
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 22: nPFOS Change Score + Models

No points removed

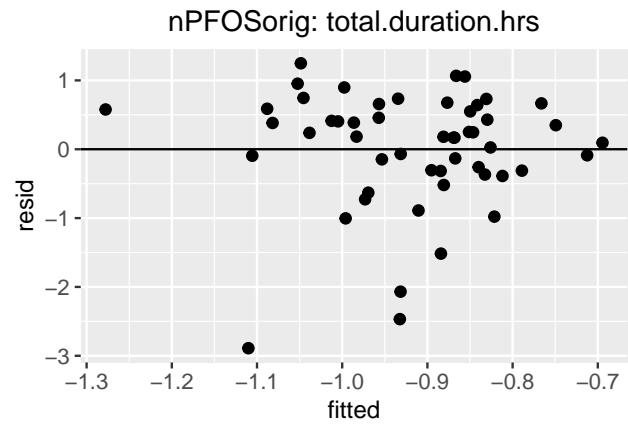
Table 23: nPFOS Change Score + Models

	<i>Dependent variable:</i>
	nPFOStrans Orig outcome: all data
Constant	18,690,049.000 t = 5.127 p = 0.00001***
total.duration.hrs	−16,398.640 t = −0.122 p = 0.904
EthnicityHispanic	−2,760,481.000 t = −0.746 p = 0.460
Observations	52
R <sup>2</sup>	0.015
Adjusted R <sup>2</sup>	−0.026
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

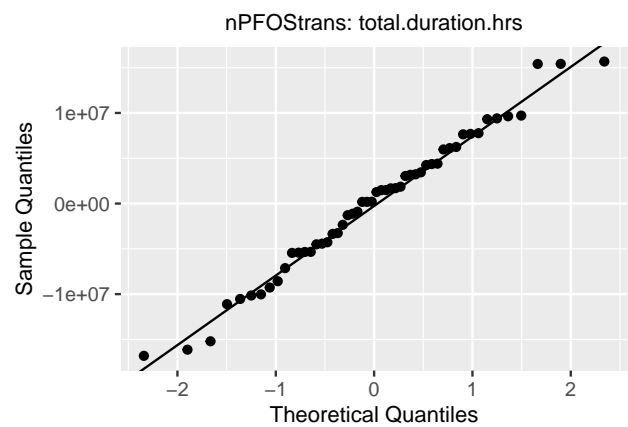
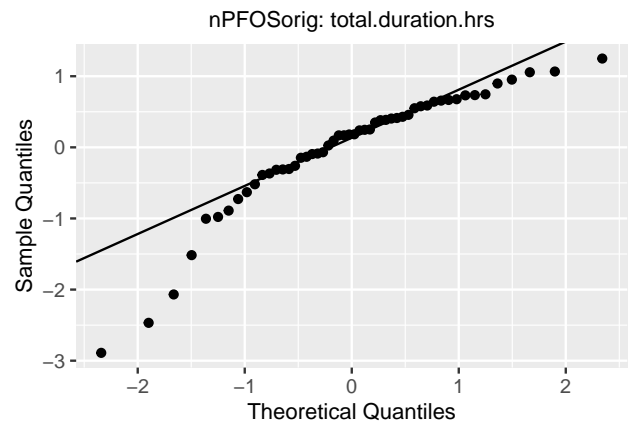
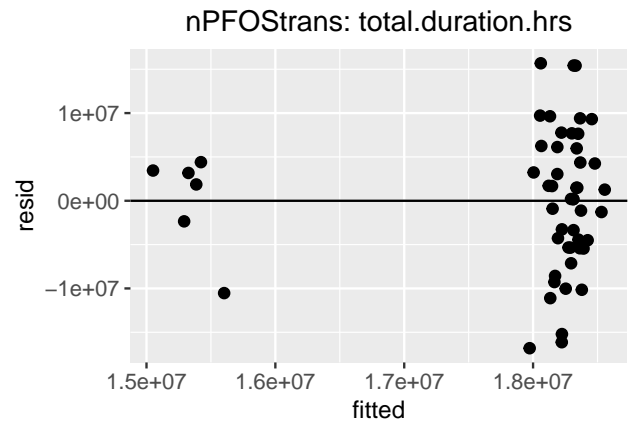
Table 24: nPFOS Change Score + Models

No points removed



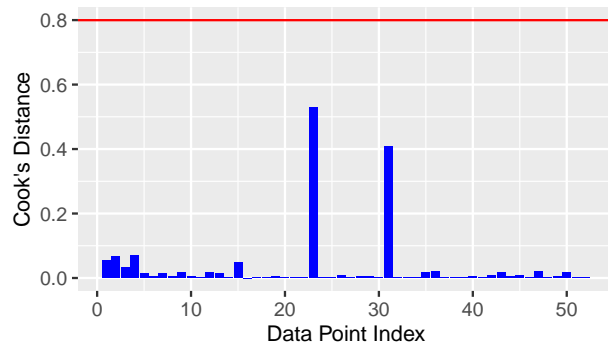


No points removed



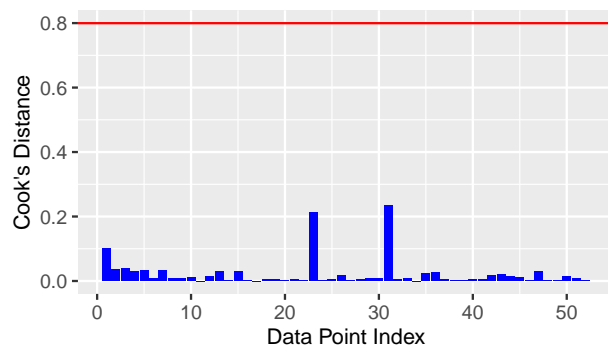
[1] “No influential points removed”

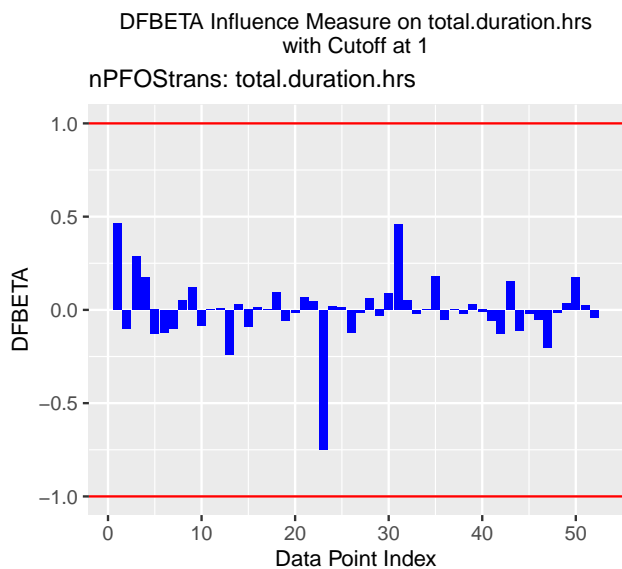
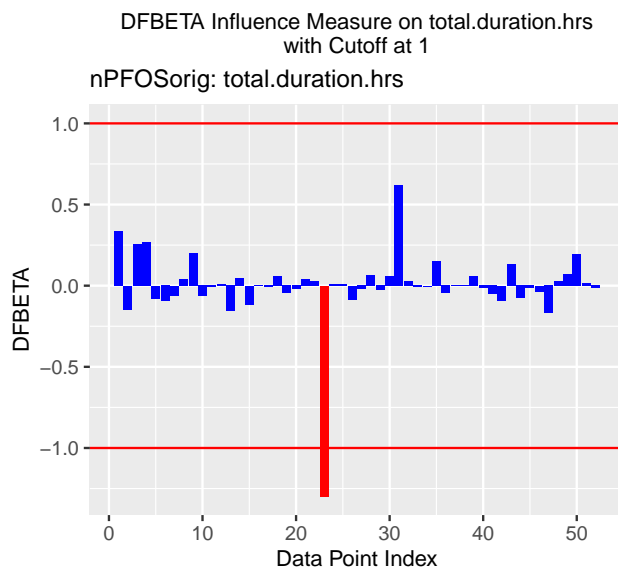
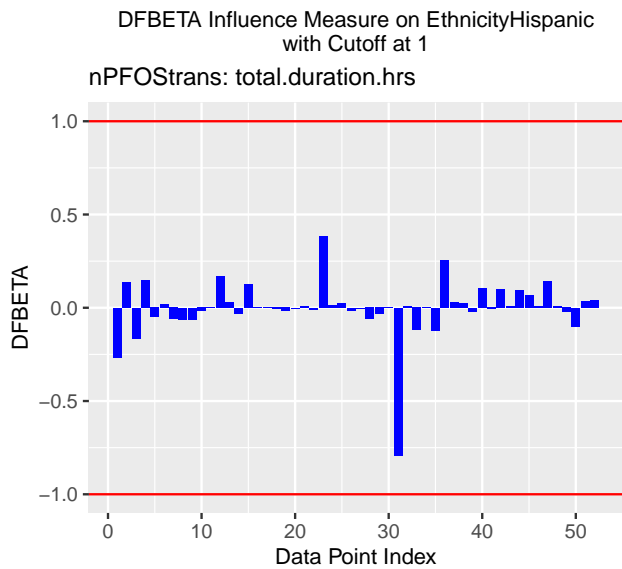
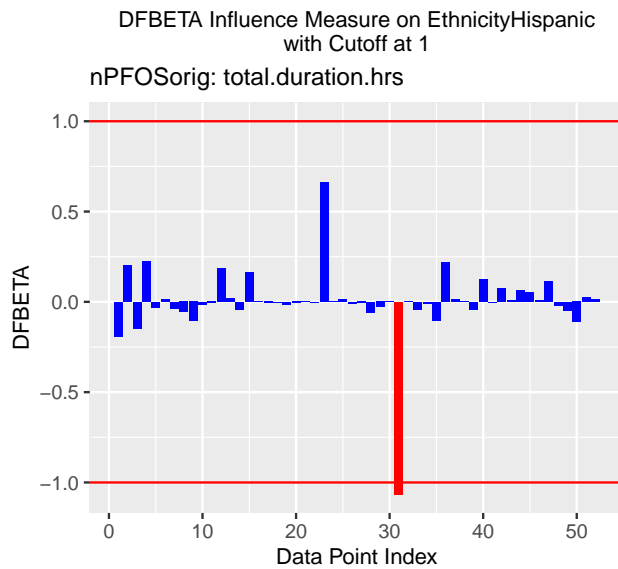
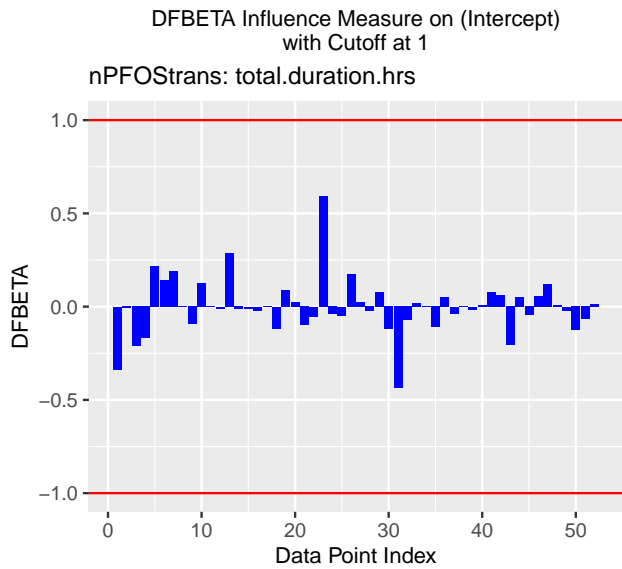
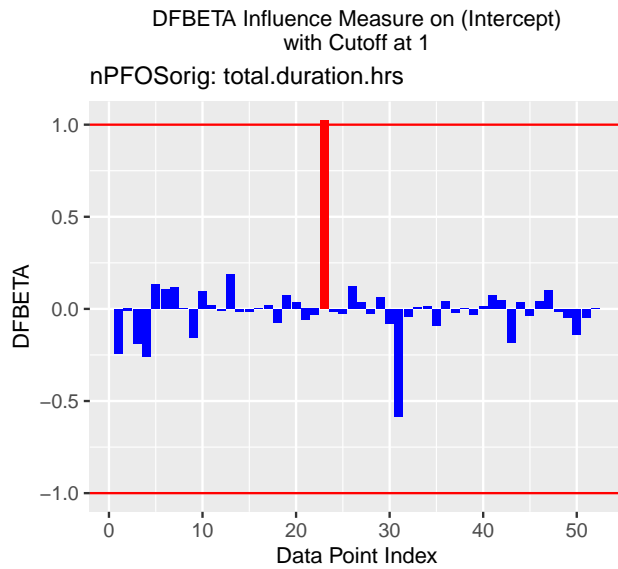
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distribution  
nPFOSorig: total.duration.hrs original values

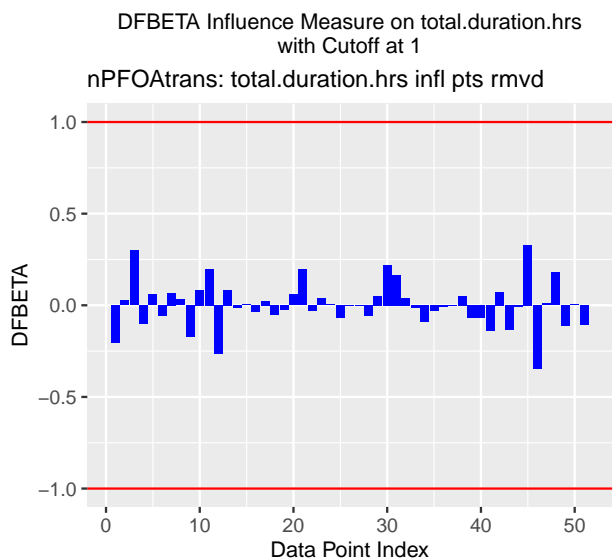
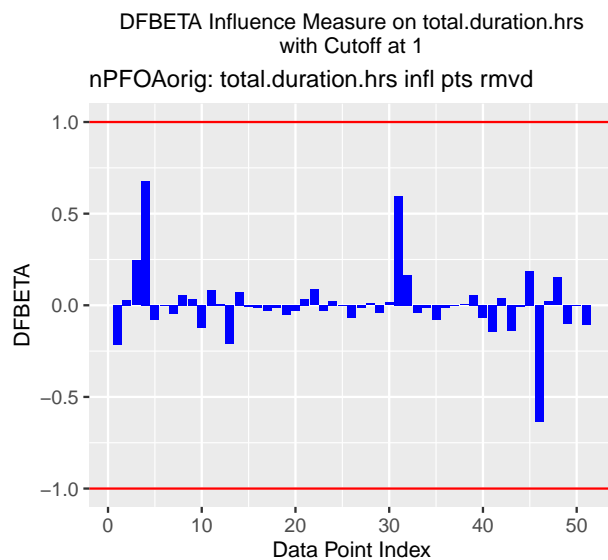
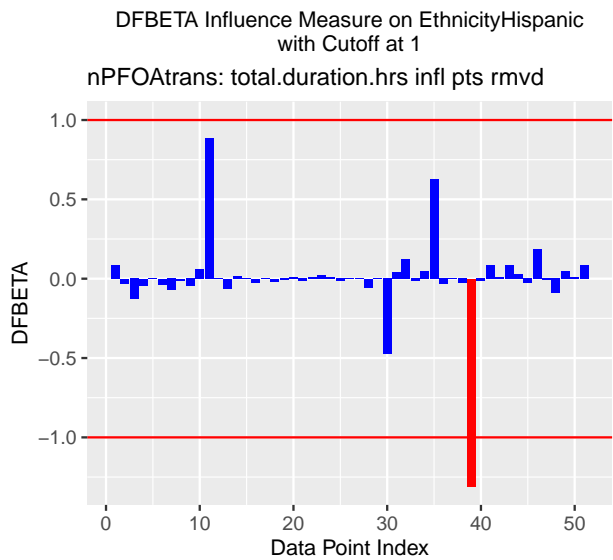
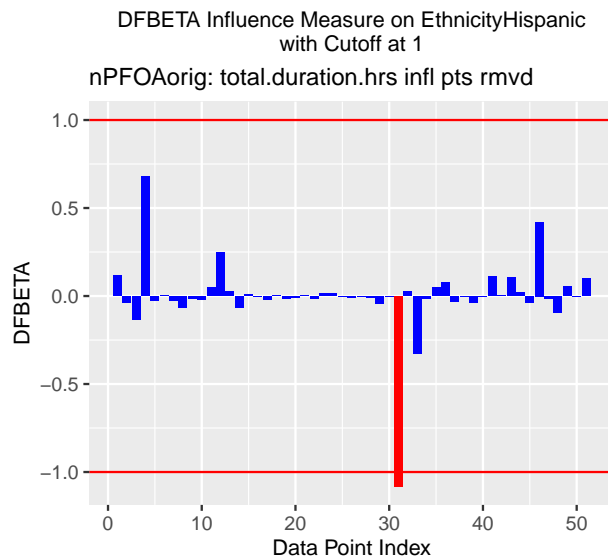
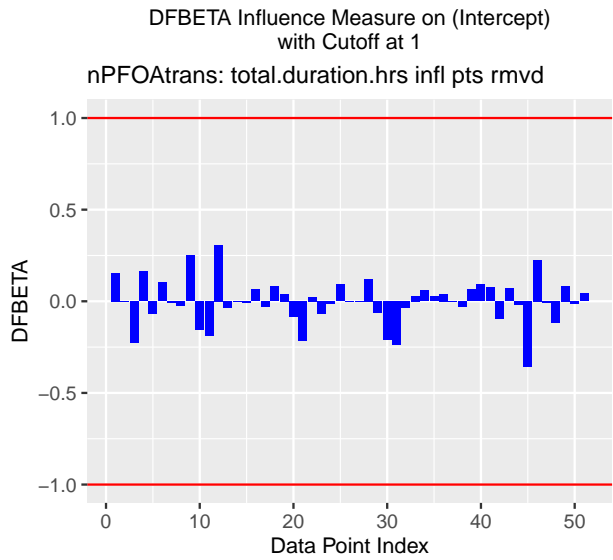
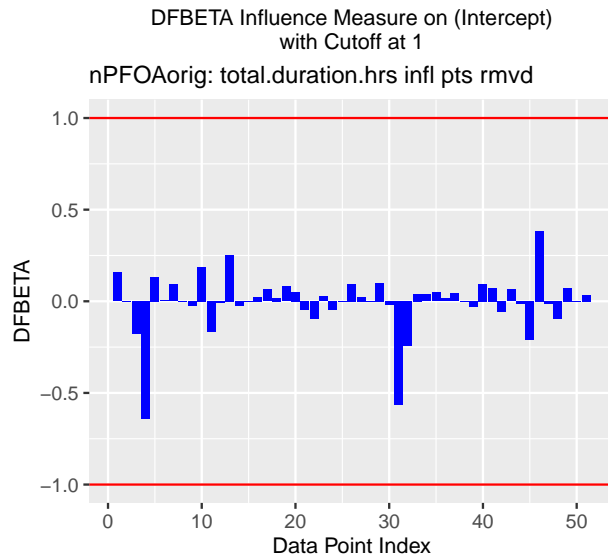


No influential points removed

Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distribution  
nPFOStrans: total.duration.hrs transformed values







[1] “No influential DFBETA points” [1] “str.duration.hrs”

Table 25: nPFOS Change Score + Models

	<i>Dependent variable:</i>
	nPFOSorig Orig outcome: all data
Constant	−1.038 t = −3.451 p = 0.002***
str.duration.hrs	0.011 t = 0.508 p = 0.614
EthnicityHispanic	−0.251 t = −0.607 p = 0.547
Observations	52
R <sup>2</sup>	0.009
Adjusted R <sup>2</sup>	−0.031
<i>Note:</i> *p<0.1; **p<0.05; ***p<0.01	

Table 26: nPFOS Change Score + Models

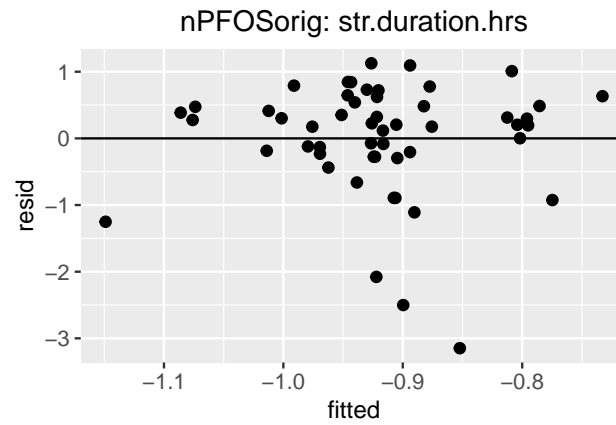
No points removed

Table 27: nPFOS Change Score + Models

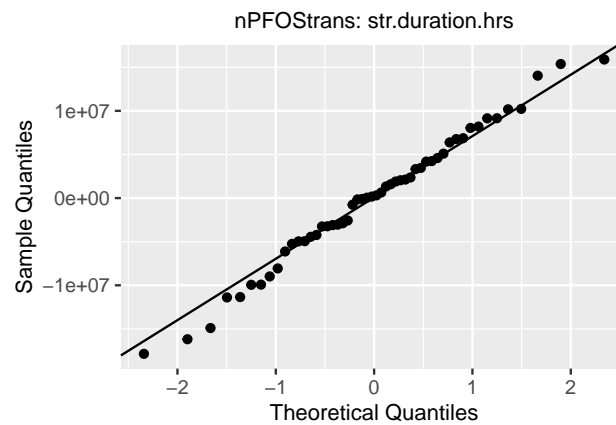
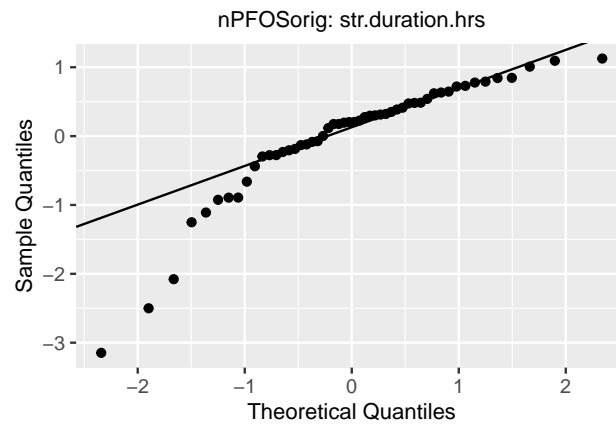
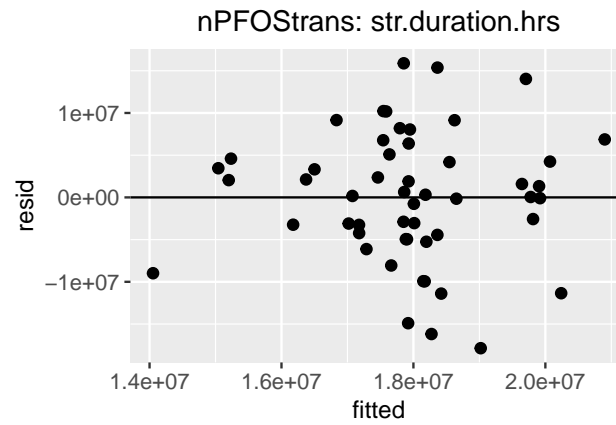
	<i>Dependent variable:</i>
	nPFOStrans Orig outcome: all data
Constant	16,093,593.000 t = 5.900 p = 0.00000***
str.duration.hrs	168,684.900 t = 0.882 p = 0.383
EthnicityHispanic	−4,243,559.000 t = −1.132 p = 0.263
Observations	52
R <sup>2</sup>	0.030
Adjusted R <sup>2</sup>	−0.010
<i>Note:</i> *p<0.1; **p<0.05; ***p<0.01	

Table 28: nPFOS Change Score + Models

No points removed

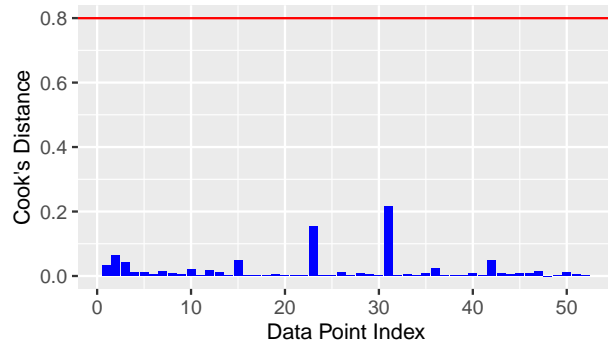


No points removed



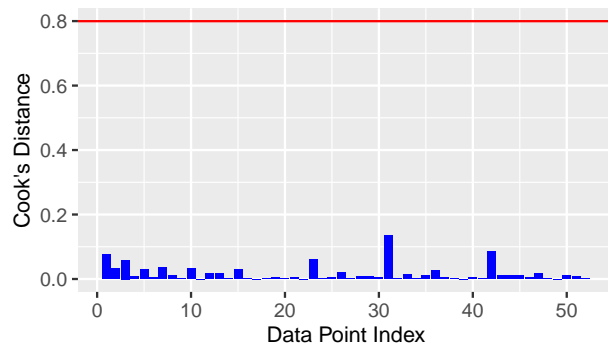
[1] “No influential points removed”

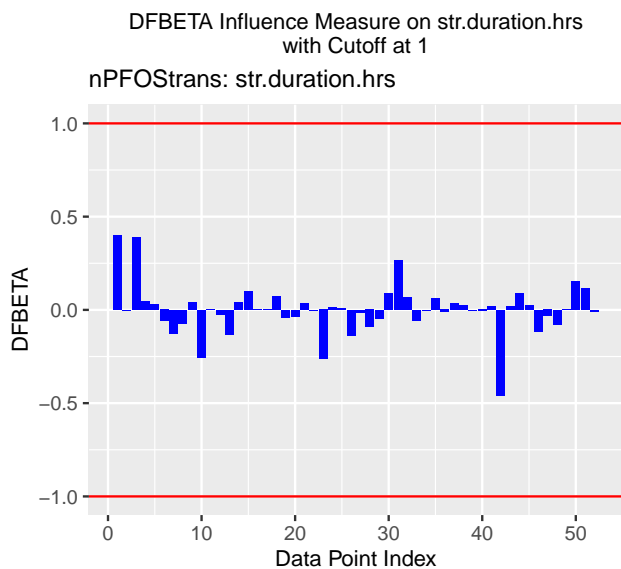
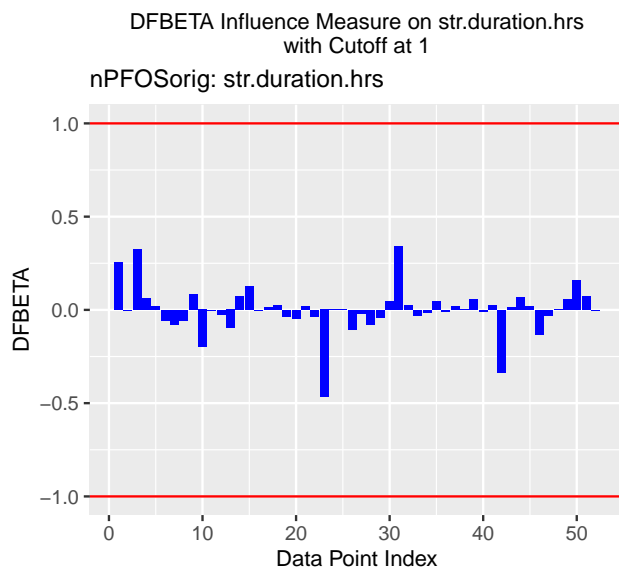
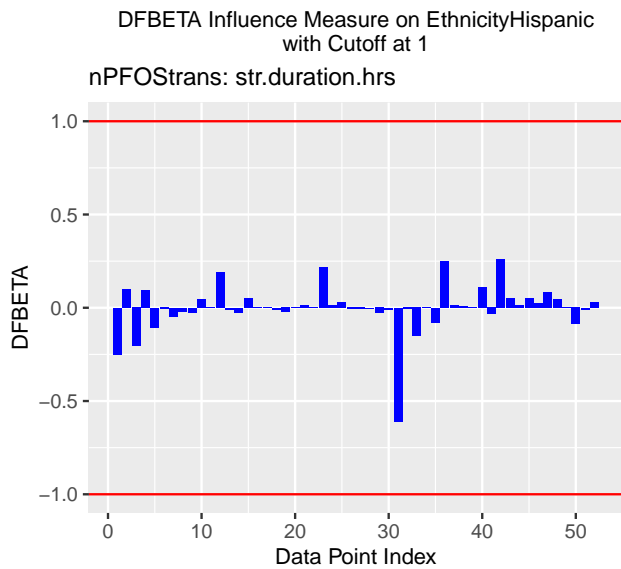
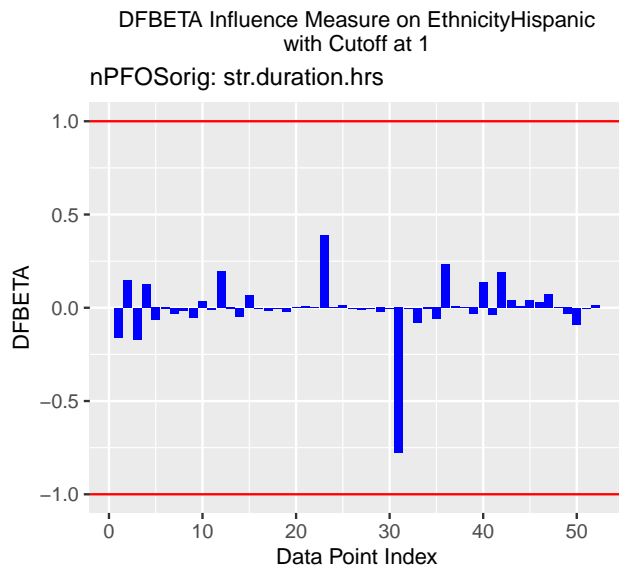
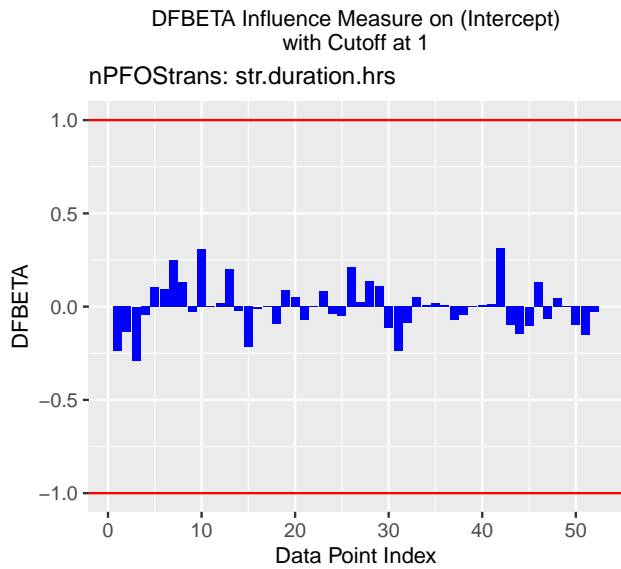
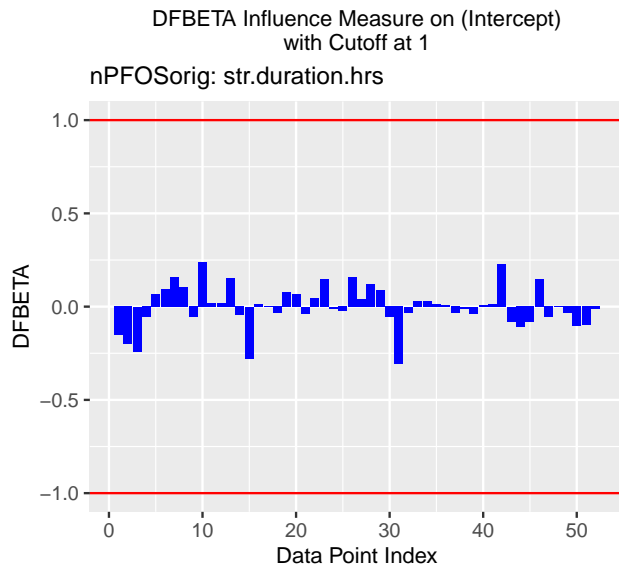
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distribution  
nPFOSorig: str.duration.hrs original values



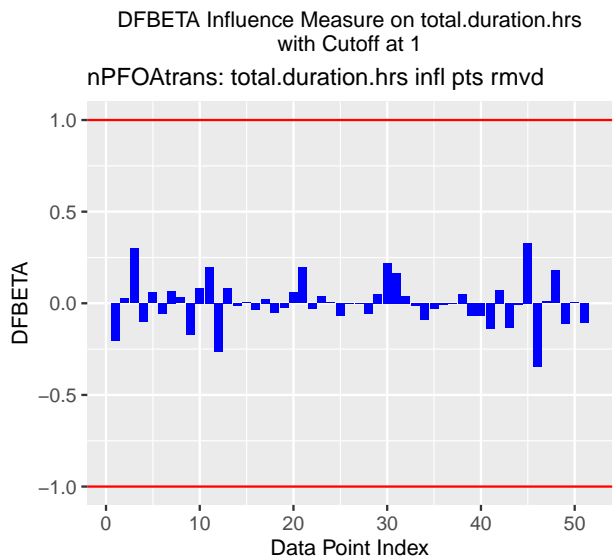
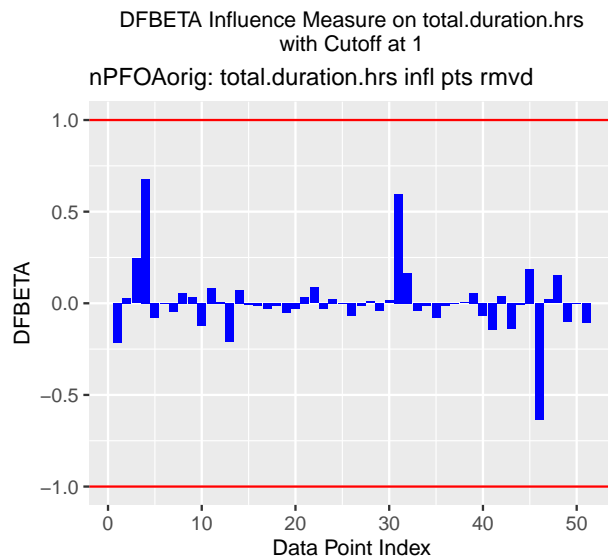
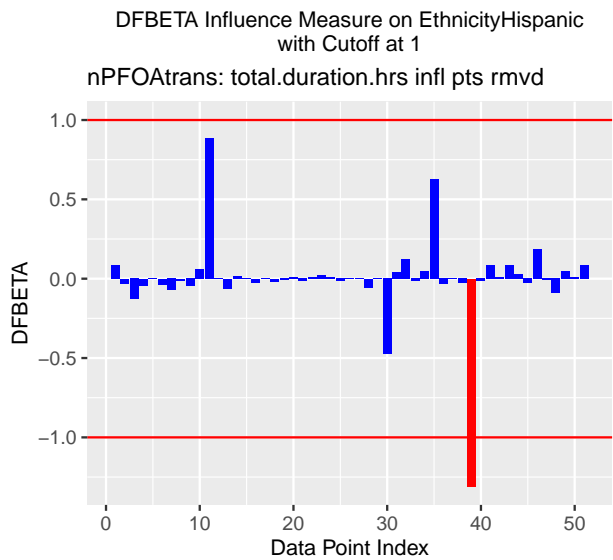
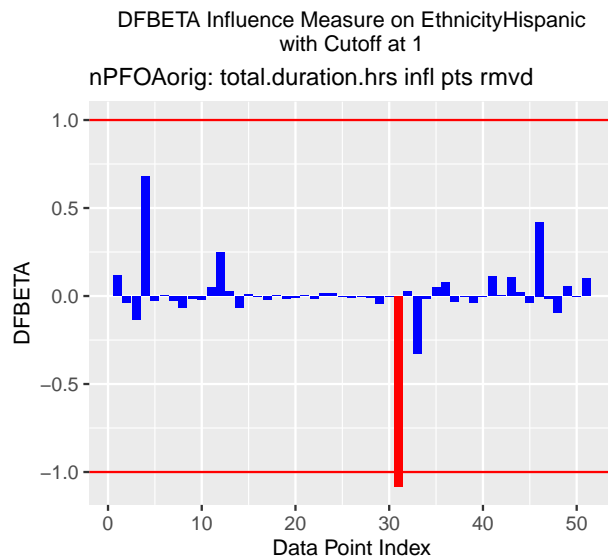
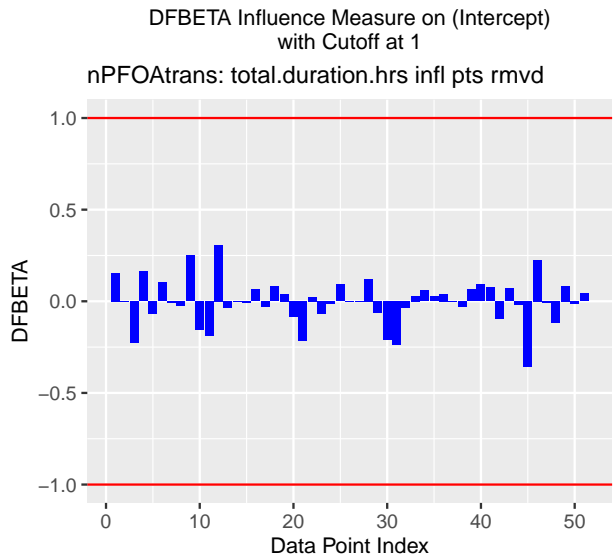
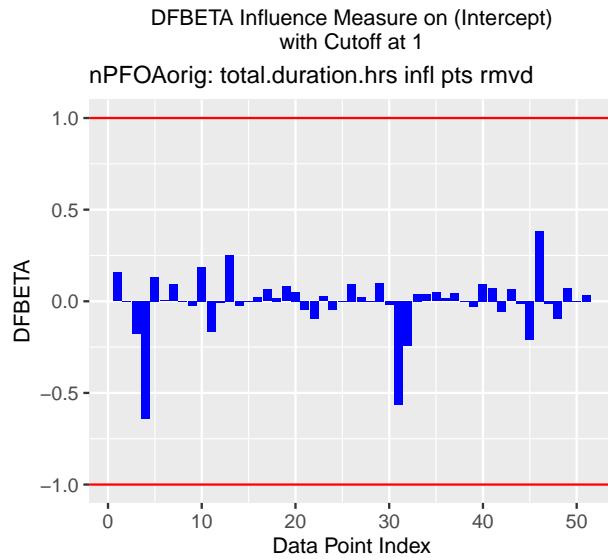
No influential points removed

Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distribution  
nPFOStrans: str.duration.hrs transformed values









[1] “No influential DFBETA points” [1] “days.since.MRF”

Table 29: nPFOS Change Score + Days Since Most Recent Fire Models

	<i>Dependent variable:</i>
	nPFOSorig Orig outcome: all data
Constant	−0.755 t = −4.474 p = 0.00005***
days.since.MRF	−0.003 t = −1.305 p = 0.198
EthnicityHispanic	−0.193 t = −0.516 p = 0.609
Observations	52
R <sup>2</sup>	0.037
Adjusted R <sup>2</sup>	−0.002
<i>Note:</i> *p<0.1; **p<0.05; ***p<0.01	

Table 30: nPFOS Change Score + Days Since Most Recent Fire Models

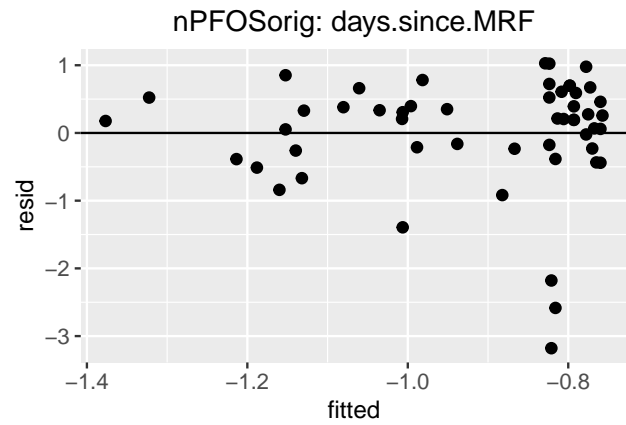
No points removed

Table 31: nPFOS Change Score + Days Since Most Recent Fire Models

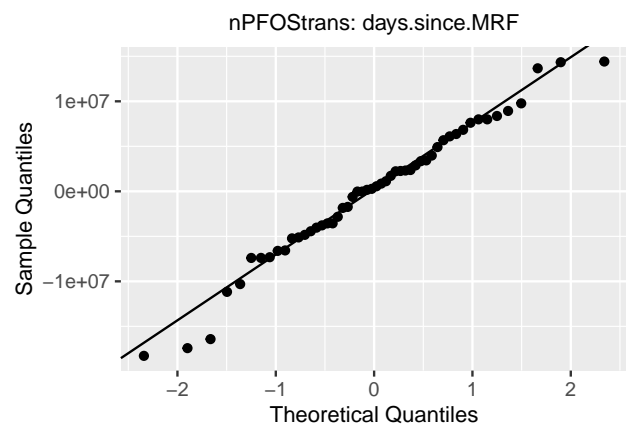
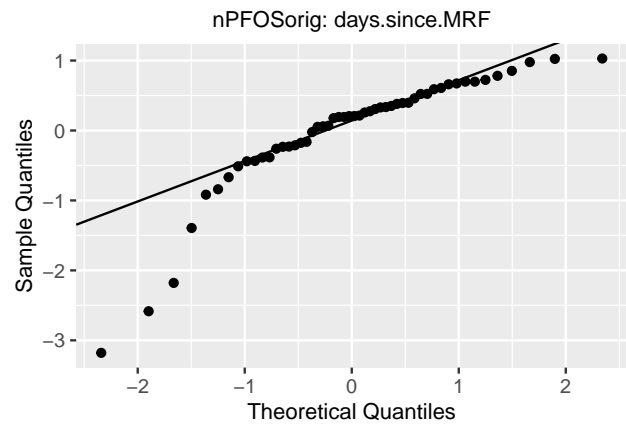
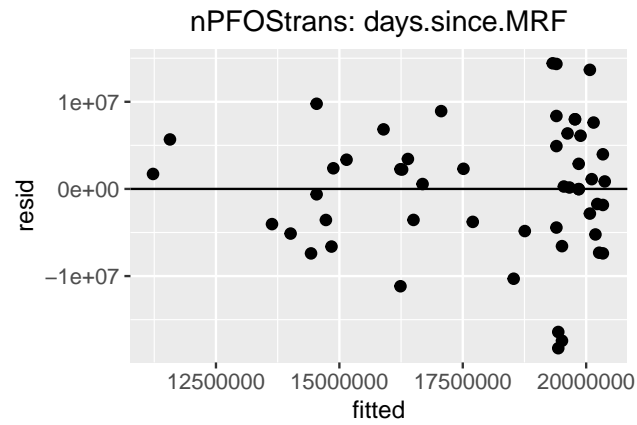
	<i>Dependent variable:</i>
	nPFOStrans Orig outcome: all data
Constant	20,413,789.000 t = 13.666 p = 0.000***
days.since.MRF	−37,657.630 t = −2.178 p = 0.035**
EthnicityHispanic	−3,309,796.000 t = −1.000 p = 0.323
Observations	52
R <sup>2</sup>	0.101
Adjusted R <sup>2</sup>	0.065
<i>Note:</i> *p<0.1; **p<0.05; ***p<0.01	

Table 32: nPFOS Change Score + Days Since Most Recent Fire Models

No points removed

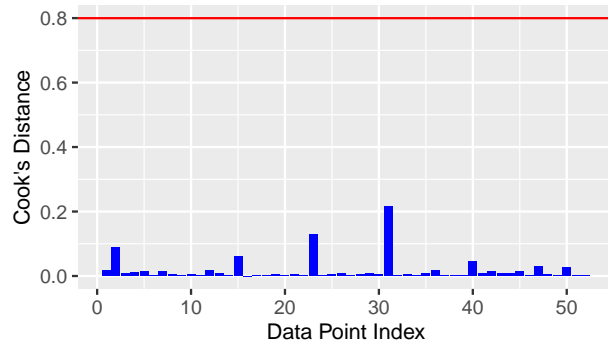


No points removed



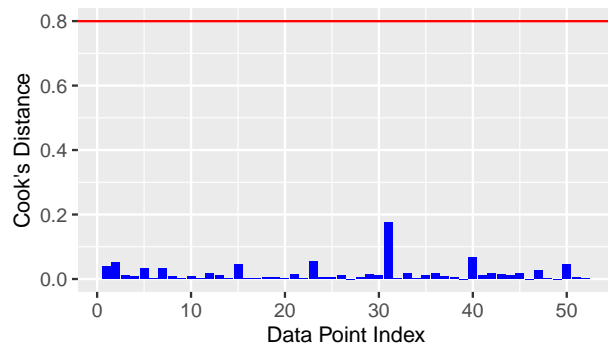
[1] "No influential points removed"

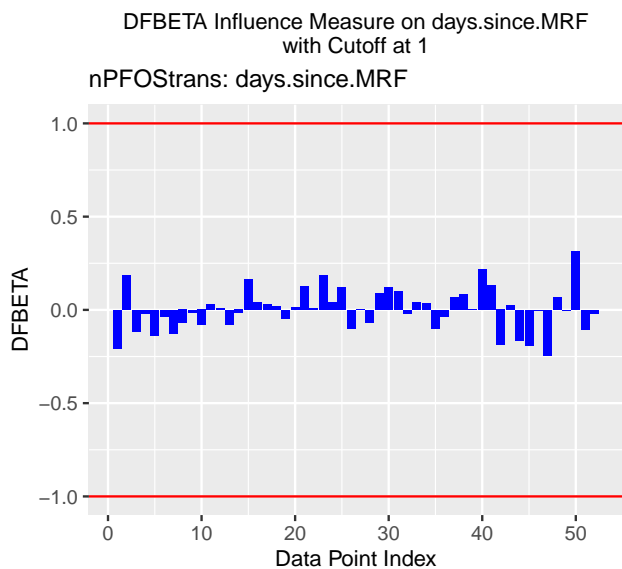
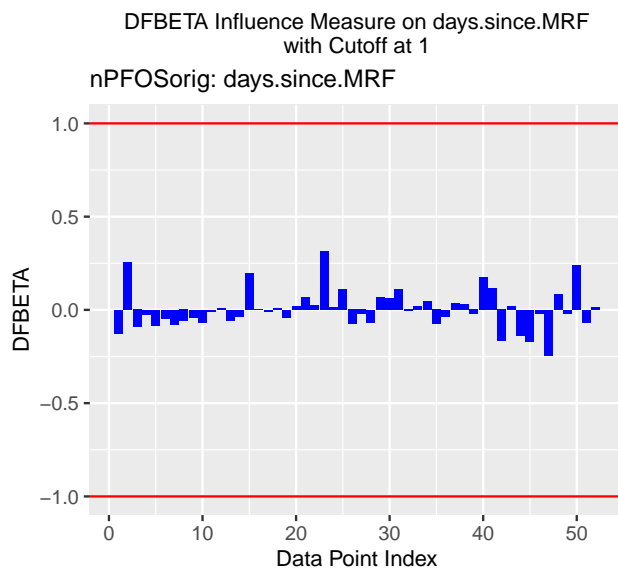
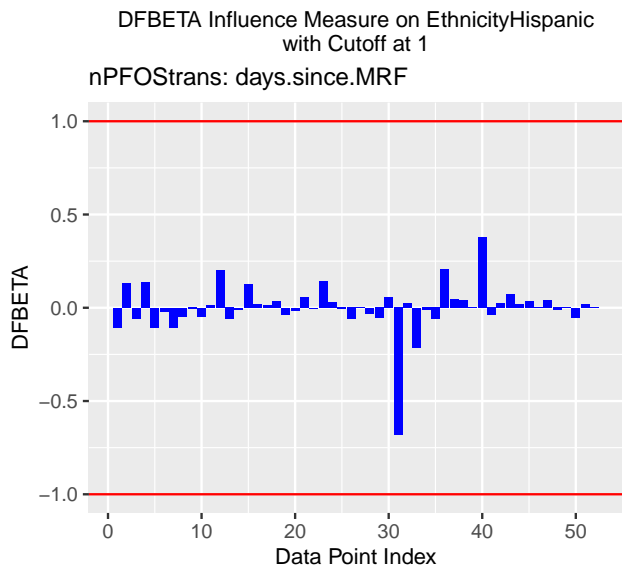
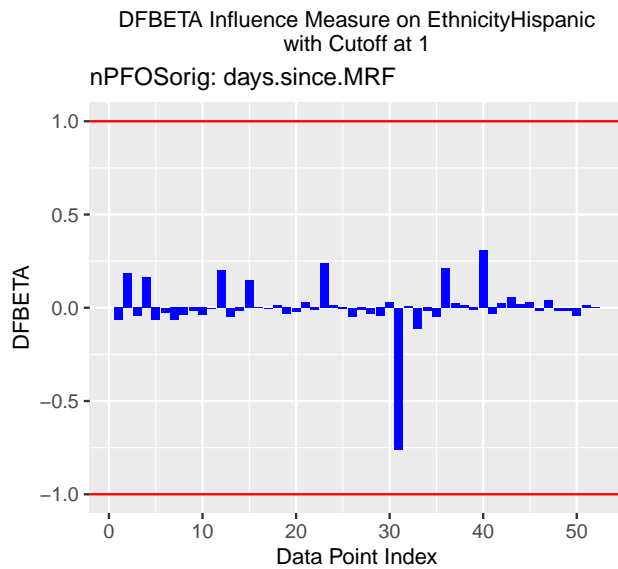
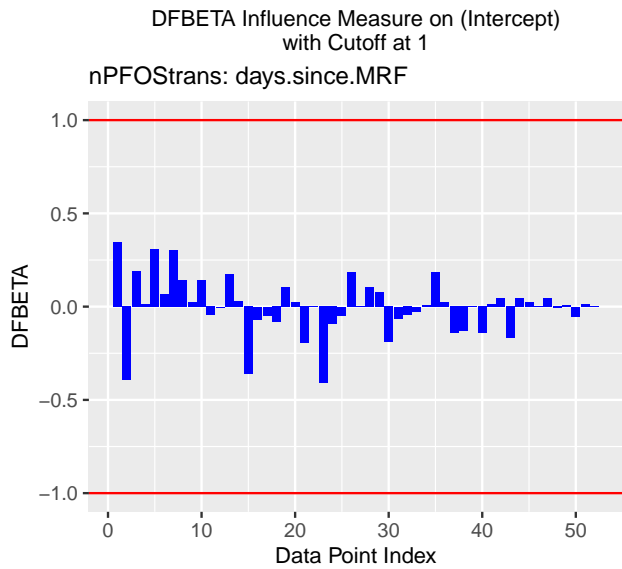
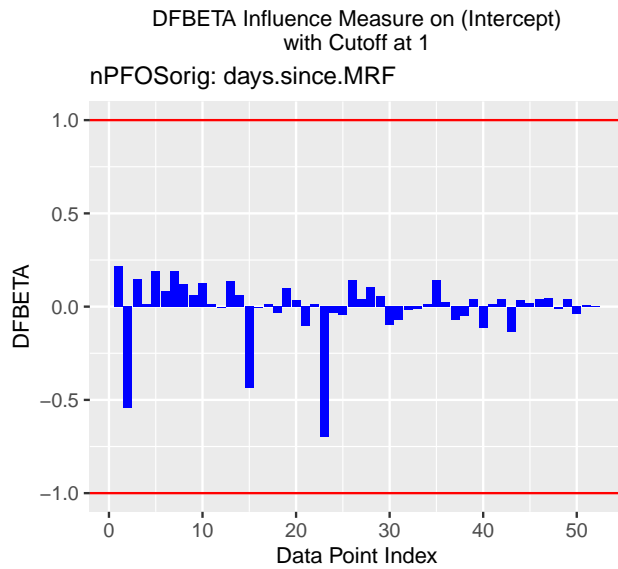
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distribution  
nPFOSorig: days.since.MRF original values

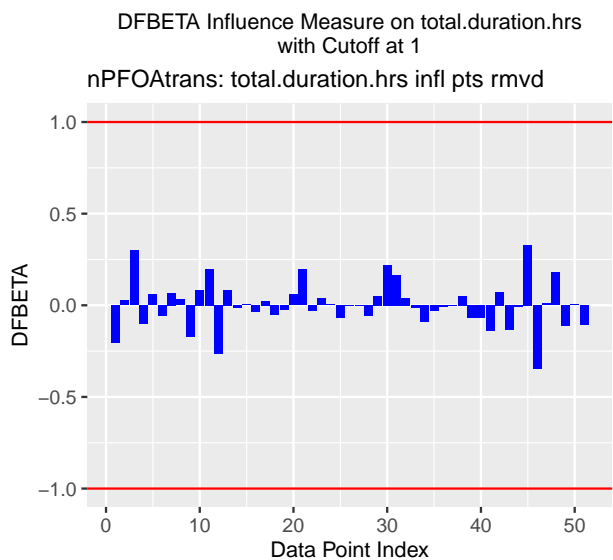
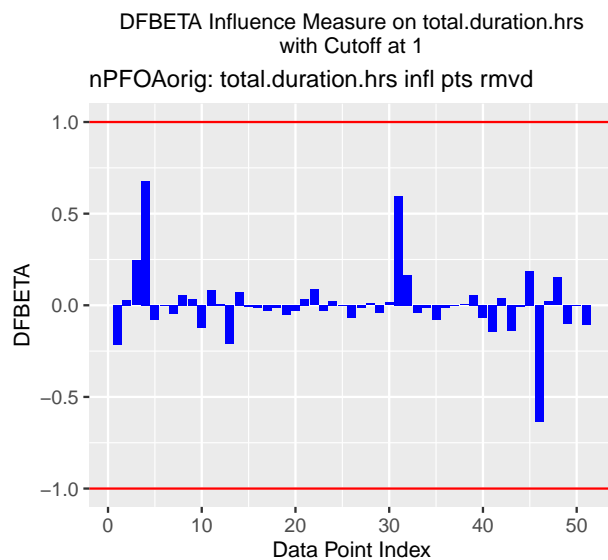
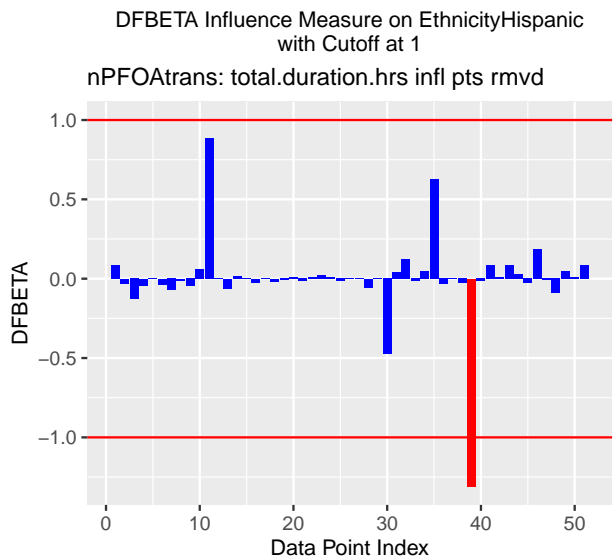
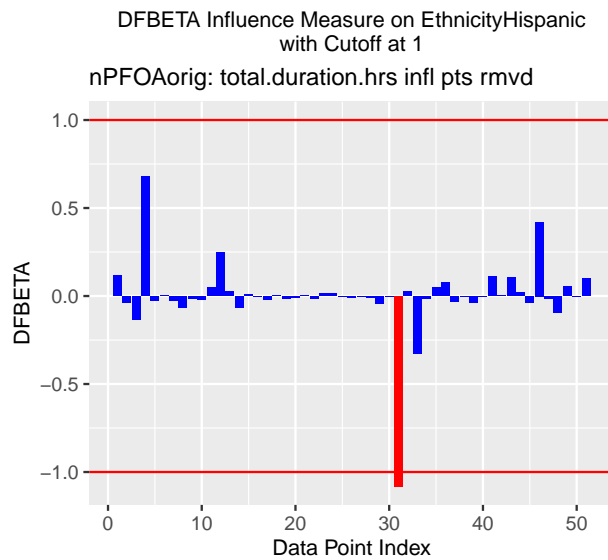
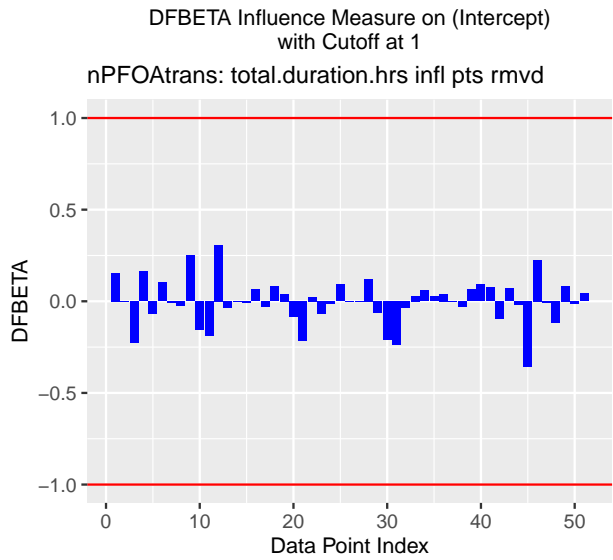
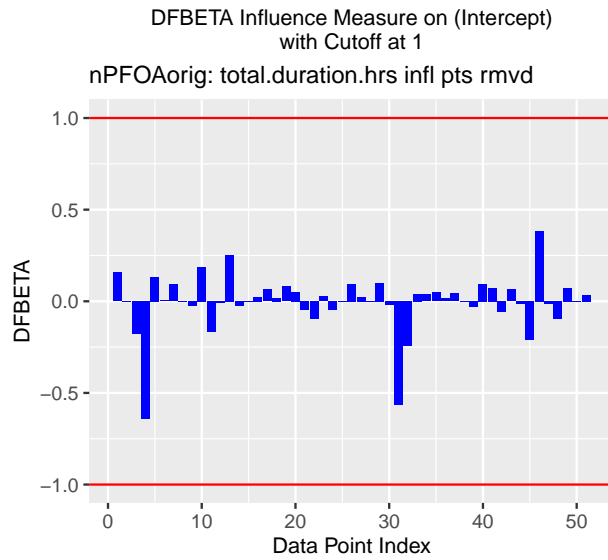


No influential points removed

Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distribution  
nPFOStrans: days.since.MRF transformed values







[1] “No influential DFBETA points” [1] “days.since.struc.MRF”

Table 33: nPFOS Change Score + Days Since Most Recent Structural Fire Models

	<i>Dependent variable:</i>
	nPFOSorig Orig outcome: all data
Constant	−0.810 t = −4.499 p = 0.00005***
days.since.struc.MRF	−0.001 t = −0.708 p = 0.483
EthnicityHispanic	−0.195 t = −0.514 p = 0.610
Observations	52
R <sup>2</sup>	0.014
Adjusted R <sup>2</sup>	−0.026
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 34: nPFOS Change Score + Days Since Most Recent Structural Fire Models

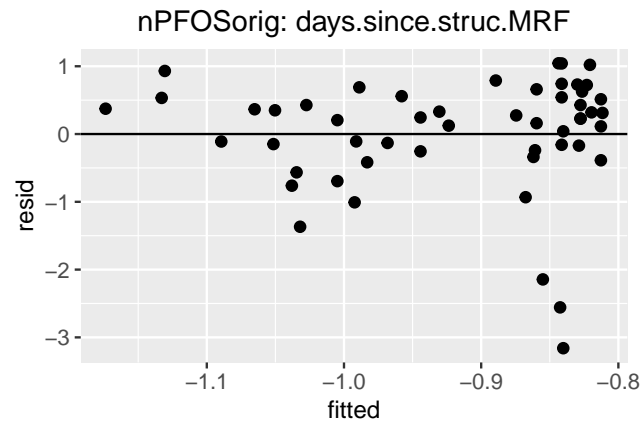
No points removed

Table 35: nPFOS Change Score + Days Since Most Recent Structural Fire Models

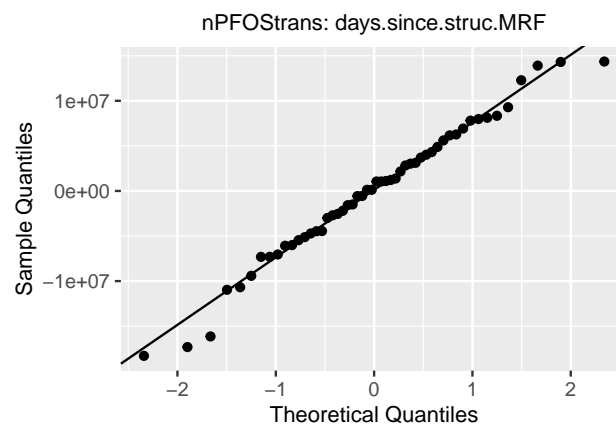
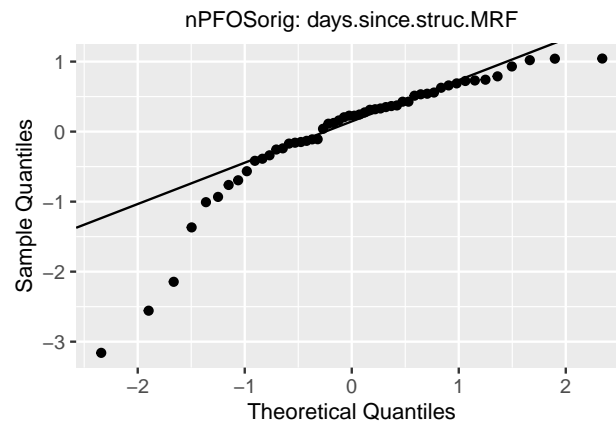
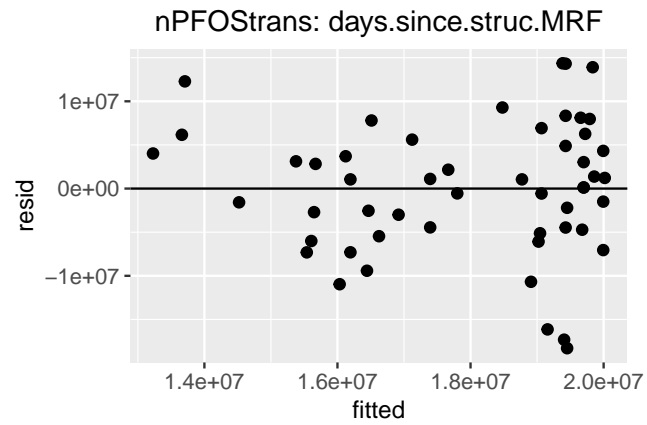
	<i>Dependent variable:</i>
	nPFOStrans Orig outcome: all data
Constant	20,039,524.000 t = 12.442 p = 0.000***
days.since.struc.MRF	−22,615.730 t = −1.567 p = 0.124
EthnicityHispanic	−3,486,715.000 t = −1.026 p = 0.310
Observations	52
R <sup>2</sup>	0.061
Adjusted R <sup>2</sup>	0.023
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 36: nPFOS Change Score + Days Since Most Recent Structural Fire Models

No points removed



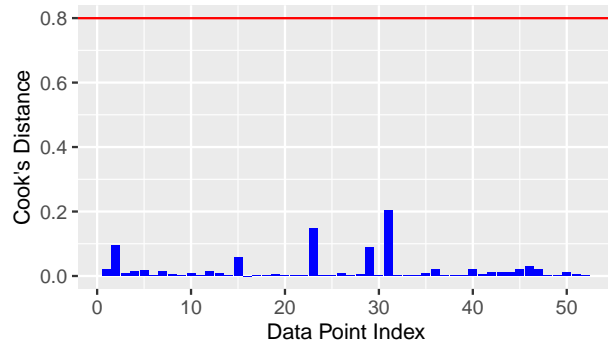
No points removed



[1] “No influential points removed”

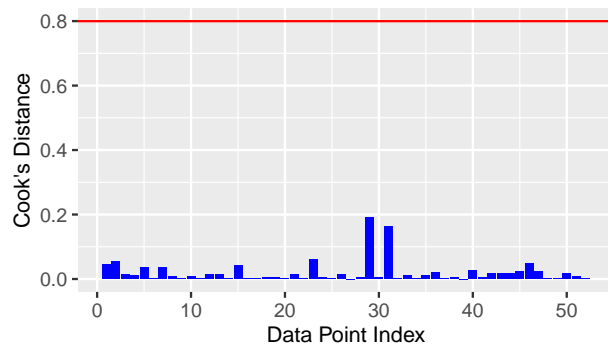


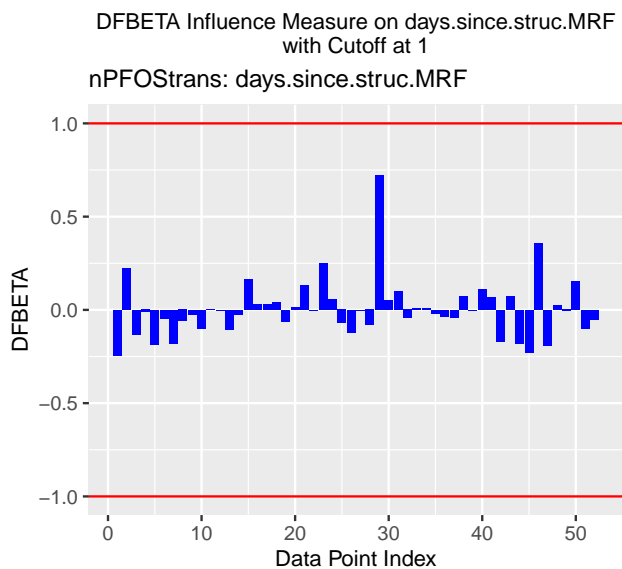
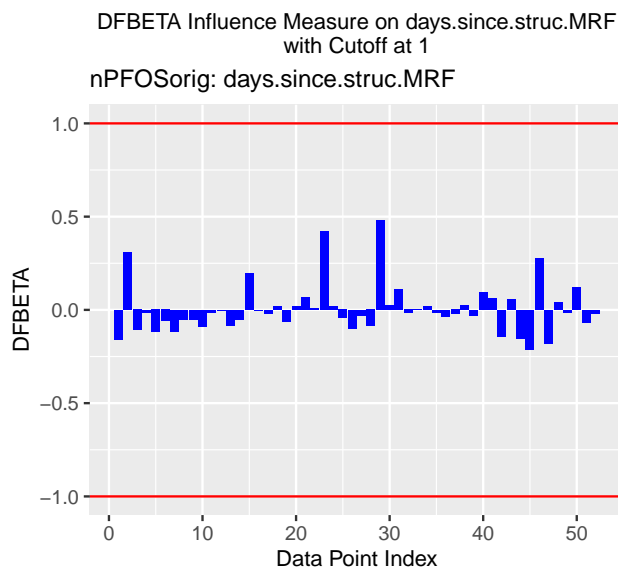
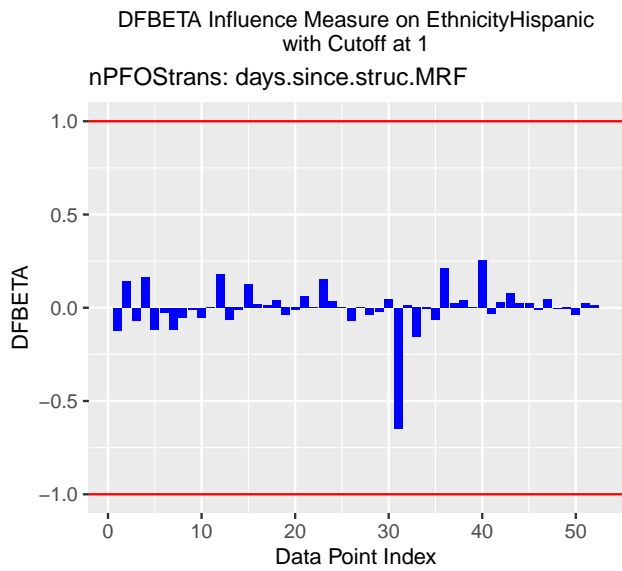
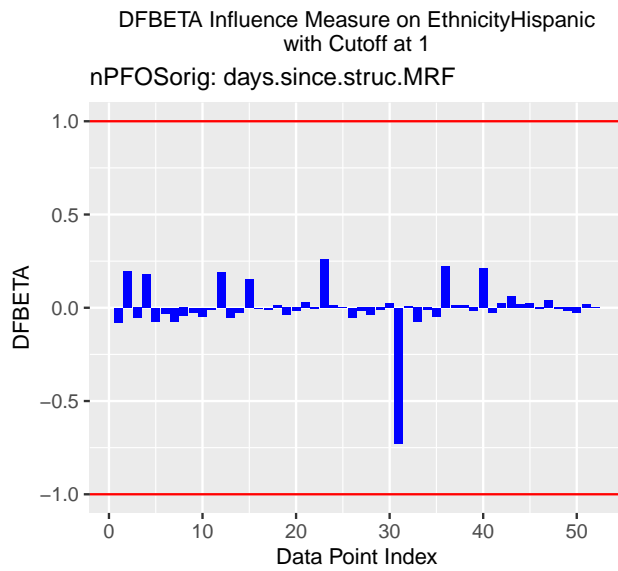
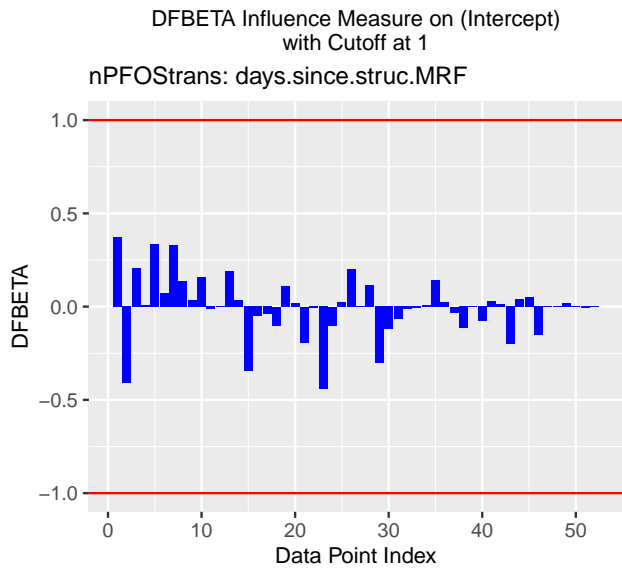
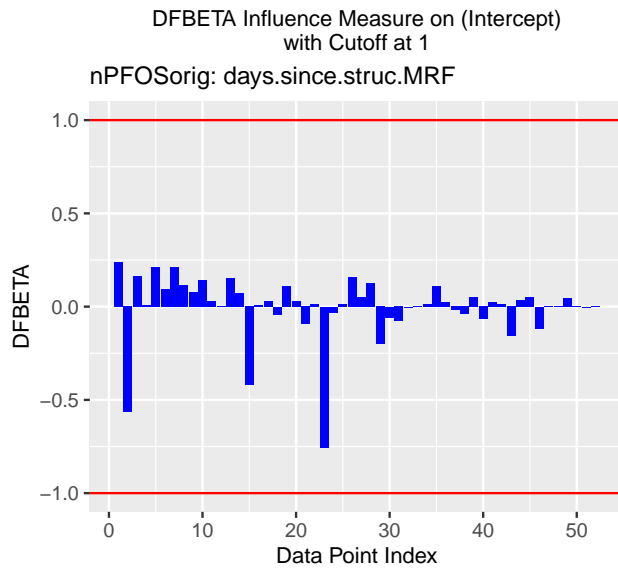
Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution  
 nPFOSorig: days.since.struc.MRF original values

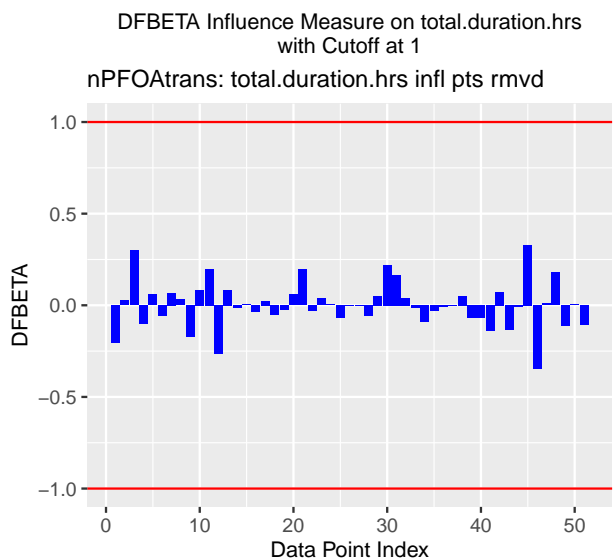
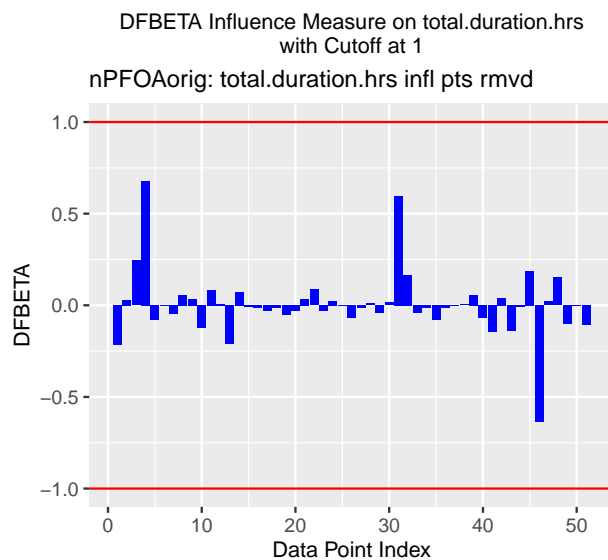
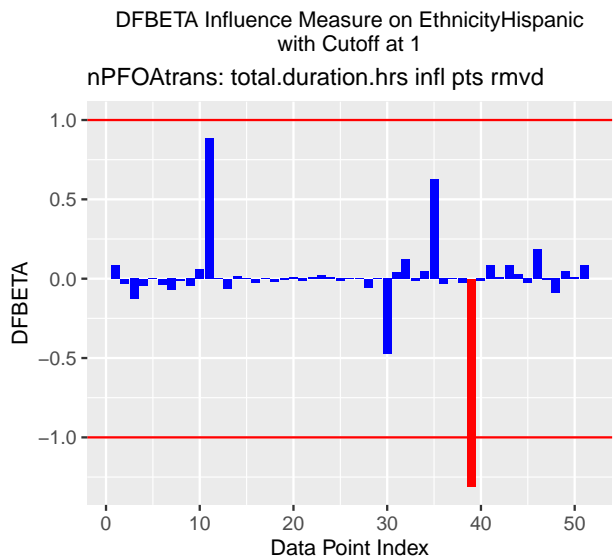
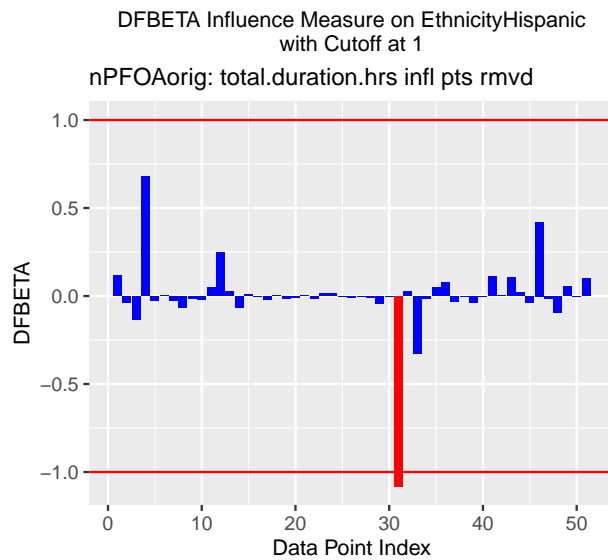
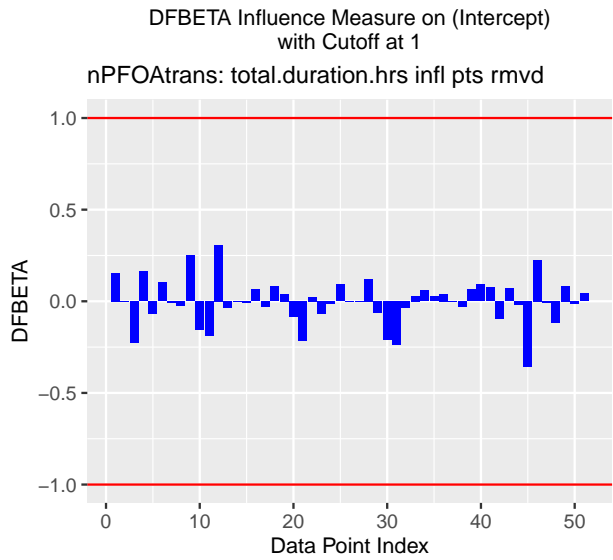
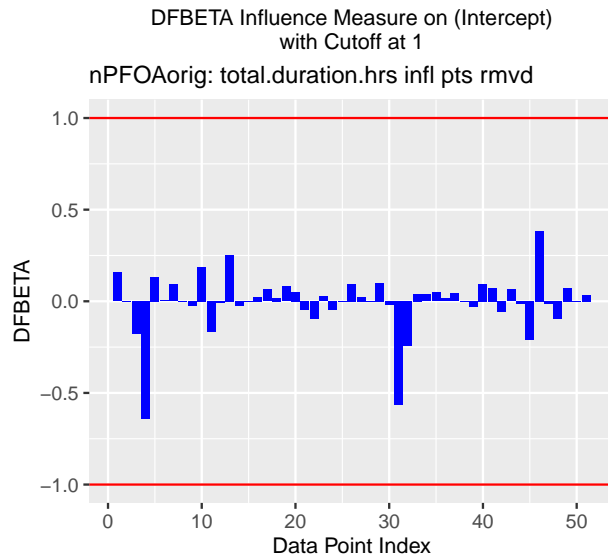


No influential points removed

Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution  
 nPFOStrans: days.since.struc.MRF transformed values







[1] “No influential DFBETA points” [1] “time.since.baseline”

Table 37: nPFOS Change Score + Time Since Baseline (days) Models

	<i>Dependent variable:</i>
	nPFOSorig Orig outcome: all data
Constant	0.203 t = 0.277 p = 0.783
time.since.baseline	-0.001 t = -1.532 p = 0.132
EthnicityHispanic	-0.071 t = -0.188 p = 0.852
Observations	52
R <sup>2</sup>	0.049
Adjusted R <sup>2</sup>	0.011
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 38: nPFOS Change Score + Time Since Baseline (days) Models

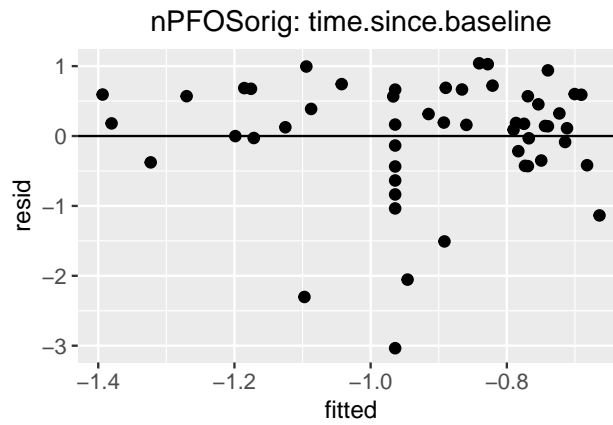
No points removed

Table 39: nPFOS Change Score + Time Since Baseline (days) Models

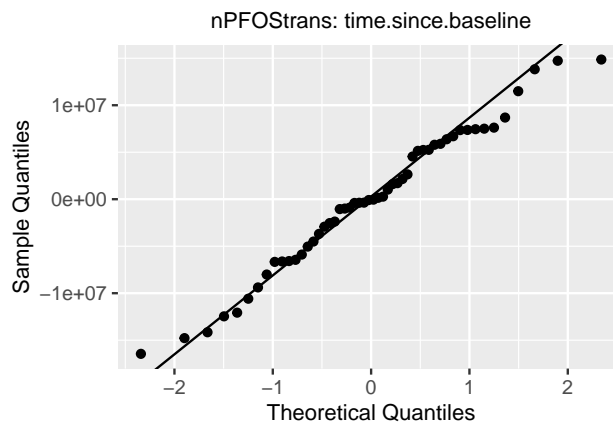
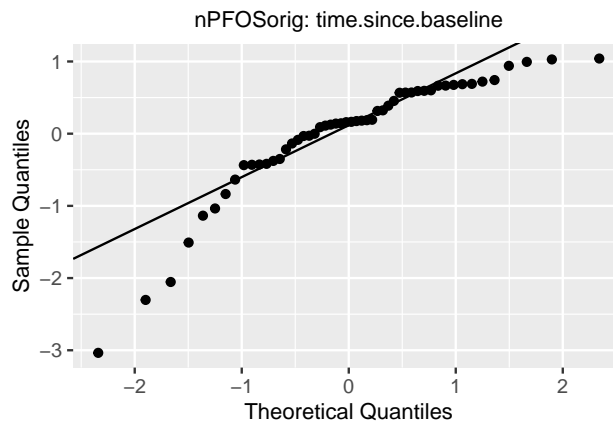
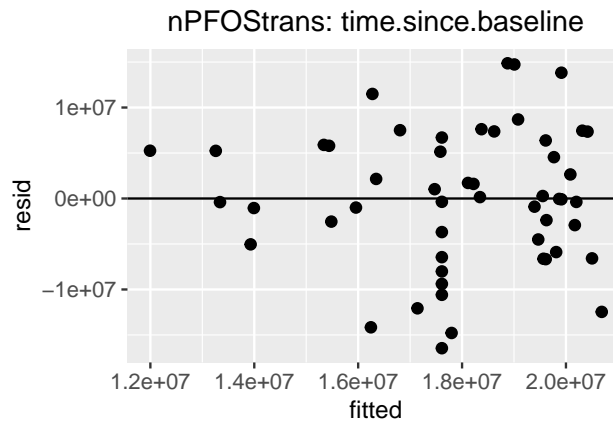
	<i>Dependent variable:</i>
	nPFOStrans Orig outcome: all data
Constant	29,575,860.000 t = 4.470 p = 0.00005***
time.since.baseline	-14,380.070 t = -1.735 p = 0.090*
EthnicityHispanic	-1,936,659.000 t = -0.568 p = 0.573
Observations	52
R <sup>2</sup>	0.071
Adjusted R <sup>2</sup>	0.033
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 40: nPFOS Change Score + Time Since Baseline (days) Models

No points removed

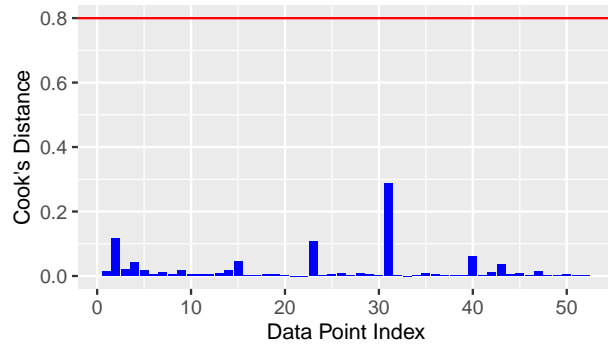


No points removed



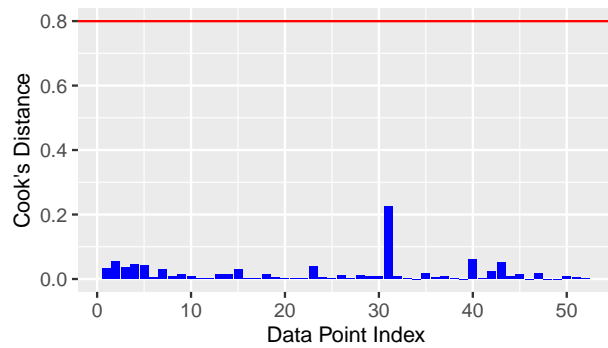
[1] “No influential points removed”

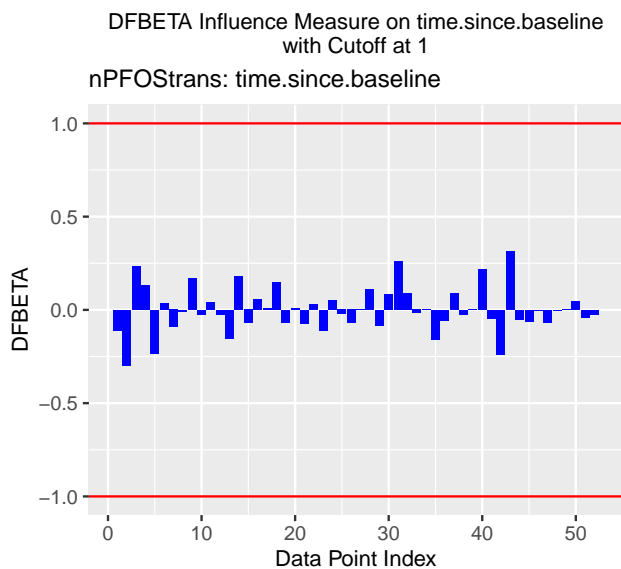
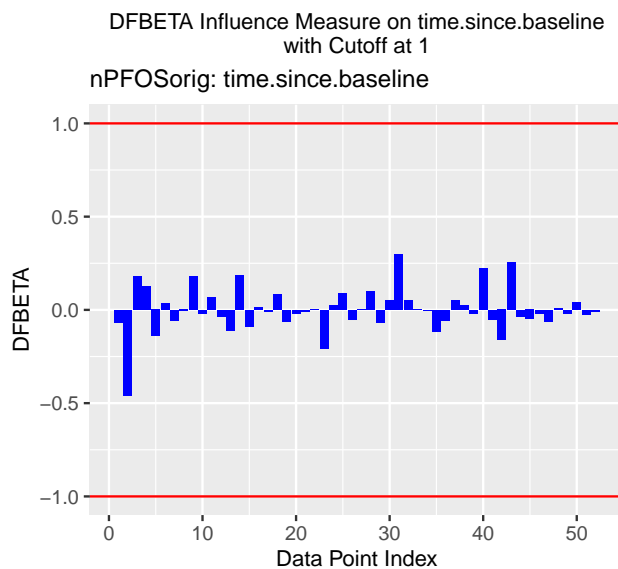
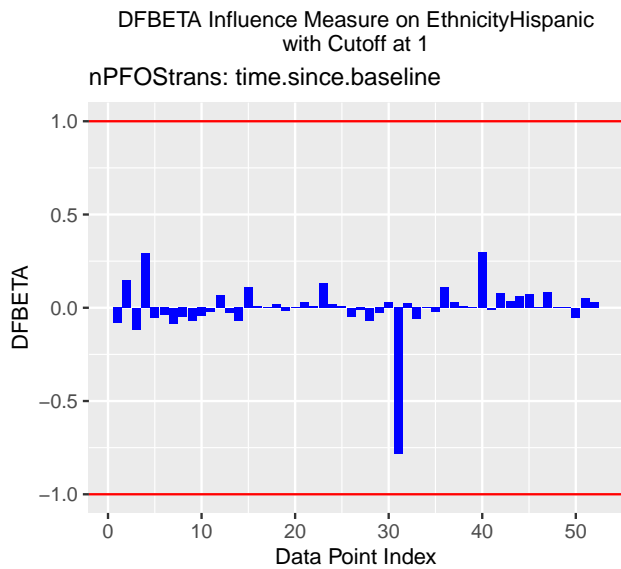
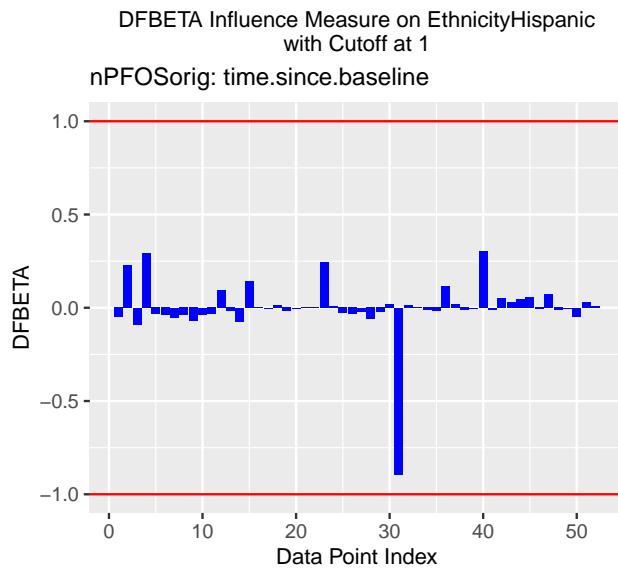
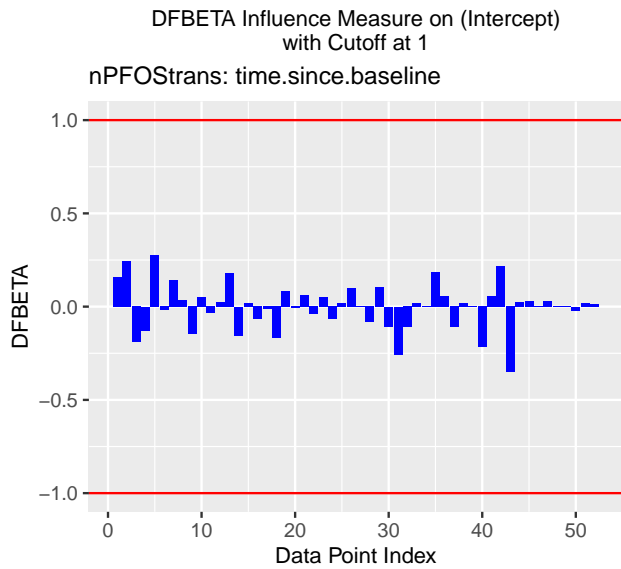
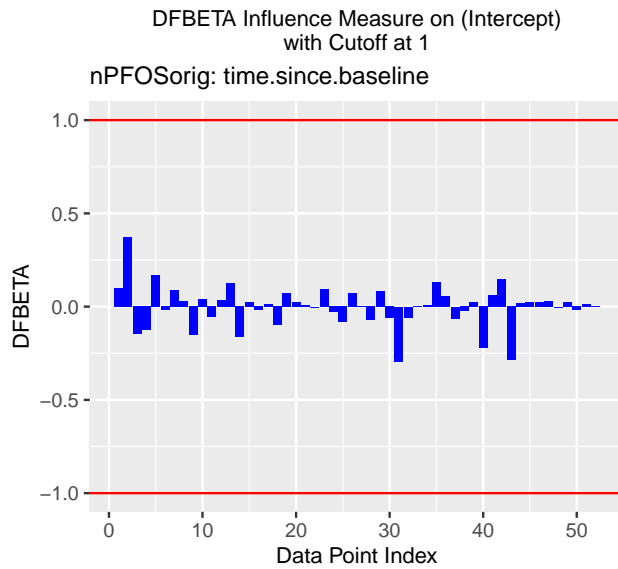
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distribution  
nPFOSorig: time.since.baseline original values

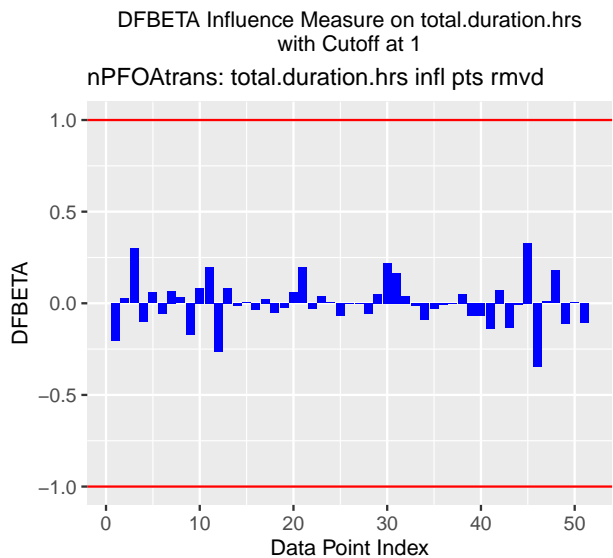
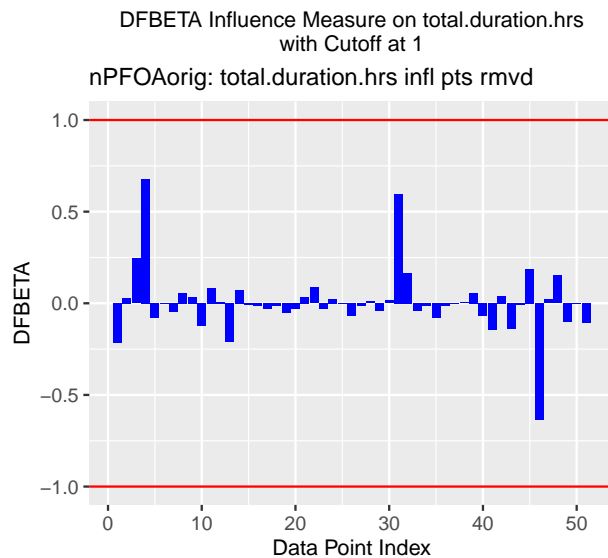
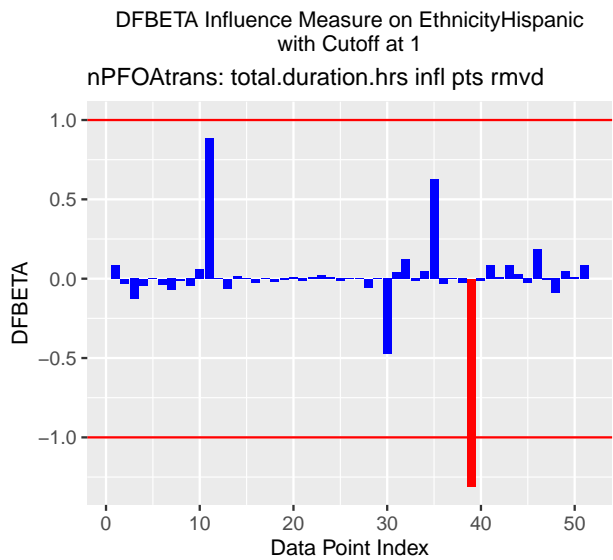
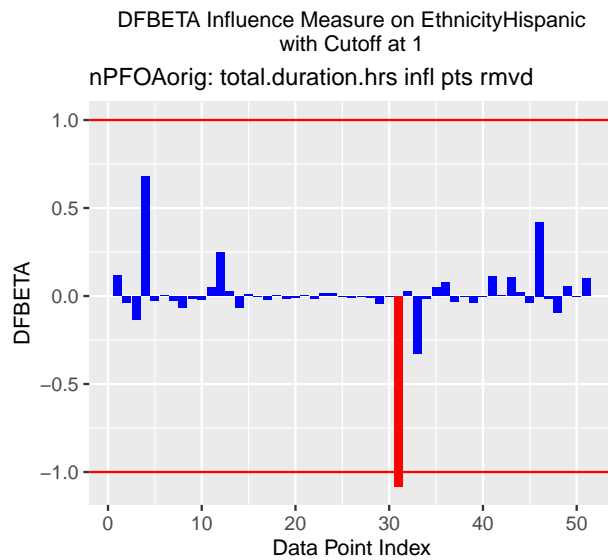
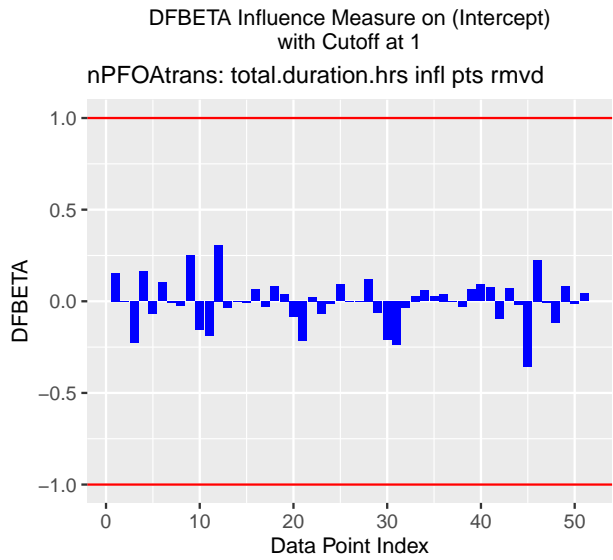
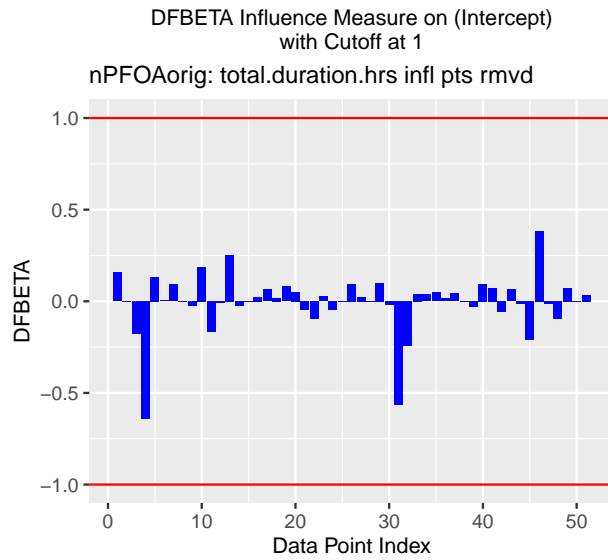


No influential points removed

Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distribution  
nPFOStrans: time.since.baseline transformed values









[1] “No influential DFBETA points” [1] “PFDEAorig” [1] “total.num.fireruns”

Table 41: PFDEA Change Score + Total Number of Fireruns Models

	<i>Dependent variable:</i>
	PFDEAorig Orig outcome: all data
Constant	0.011 t = 0.297 p = 0.768
total.num.fireruns	-0.001 t = -1.696 p = 0.097*
EthnicityHispanic	0.031 t = 0.900 p = 0.373
Observations	52
R <sup>2</sup>	0.059
Adjusted R <sup>2</sup>	0.020
<i>Note:</i> *p<0.1; **p<0.05; ***p<0.01	

Table 42: PFDEA Change Score + Total Number of Fireruns Models

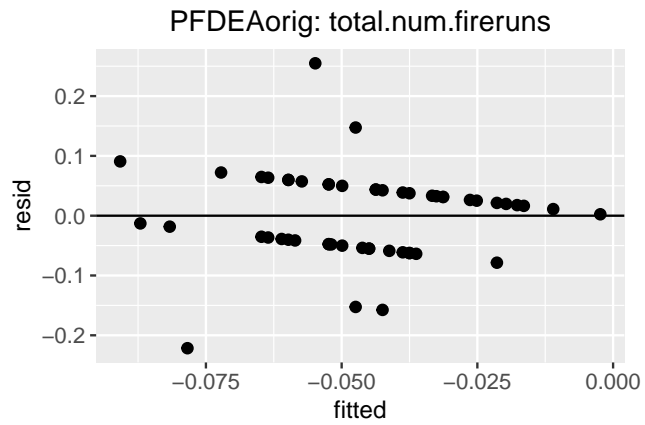
No points removed

Table 43: PFDEA Change Score + Total Number of Fireruns Models

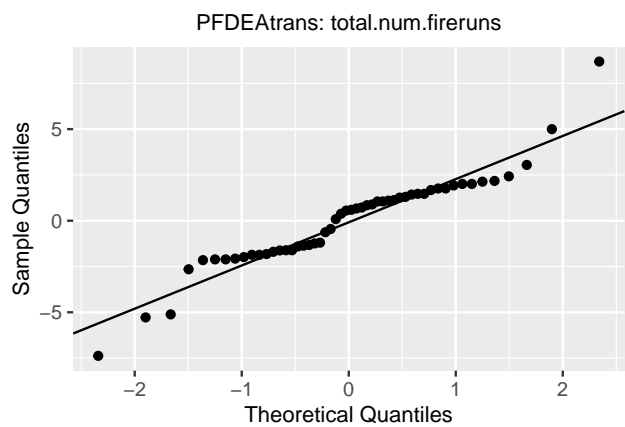
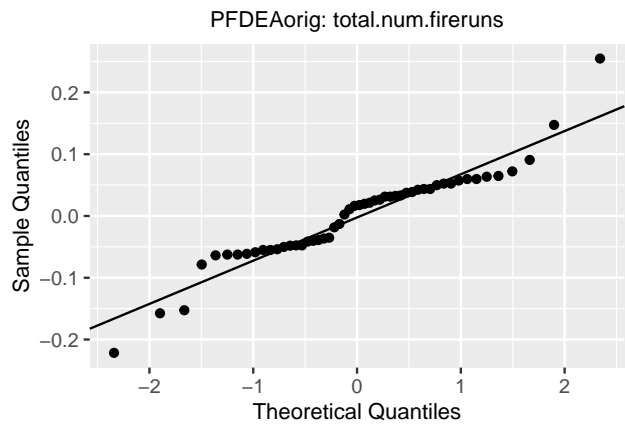
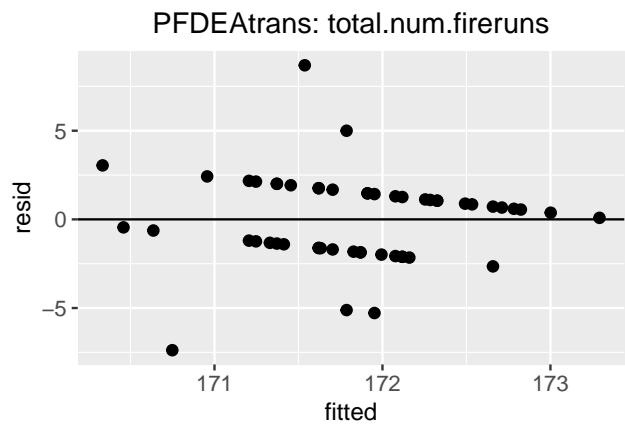
	<i>Dependent variable:</i>
	PFDEAtrans Orig outcome: all data
Constant	173.737 t = 141.600 p = 0.000***
total.num.fireruns	-0.042 t = -1.685 p = 0.099*
EthnicityHispanic	1.049 t = 0.892 p = 0.377
Observations	52
R <sup>2</sup>	0.058
Adjusted R <sup>2</sup>	0.020
<i>Note:</i> *p<0.1; **p<0.05; ***p<0.01	

Table 44: PFDEA Change Score + Total Number of Fireruns Models

No points removed



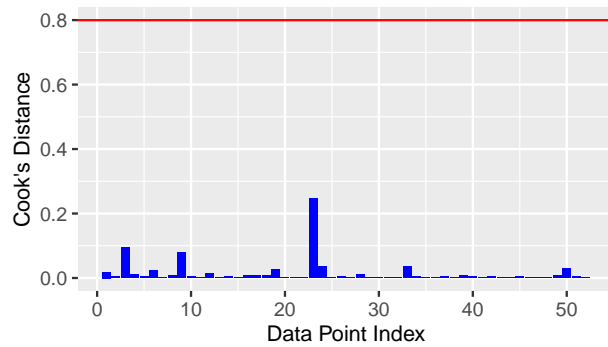
No points removed



[1] “No influential points removed”

Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distribution

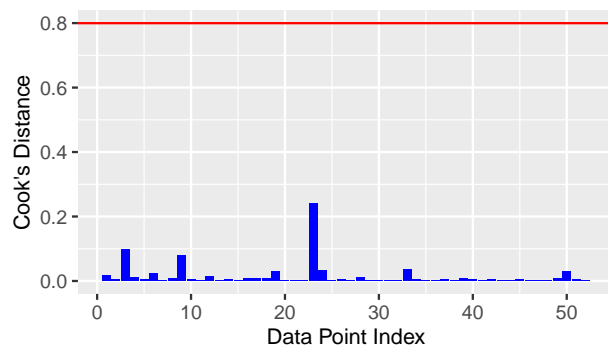
PFDEAorig: total.num.fireruns original values

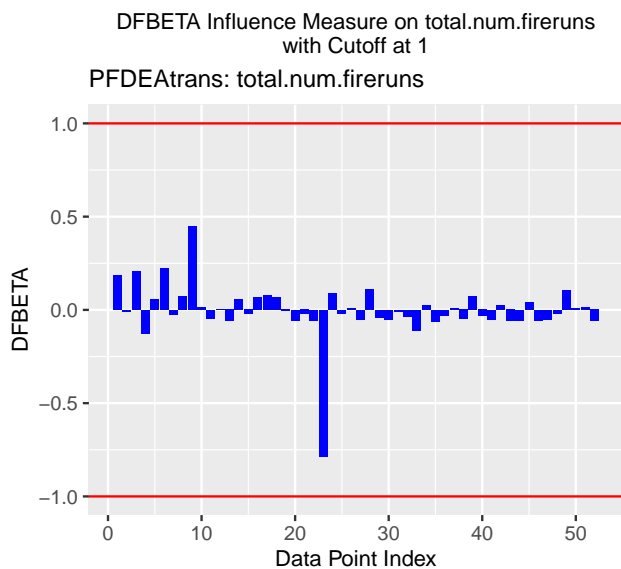
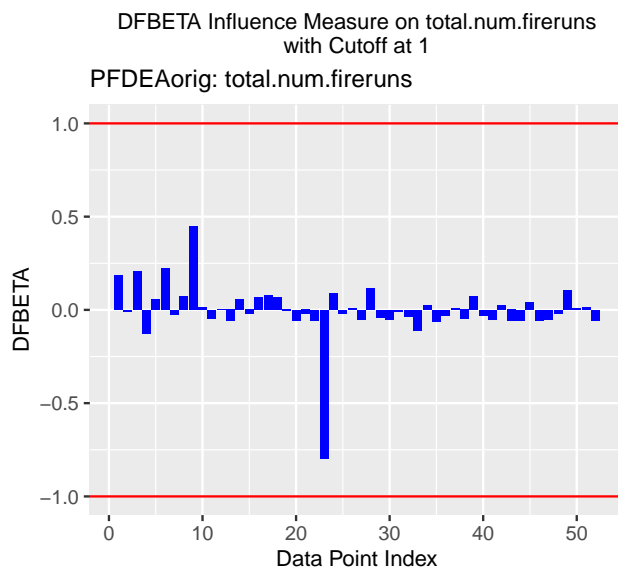
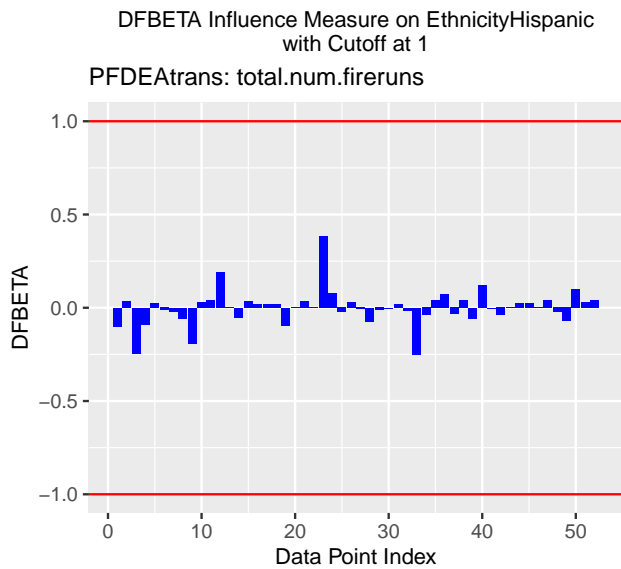
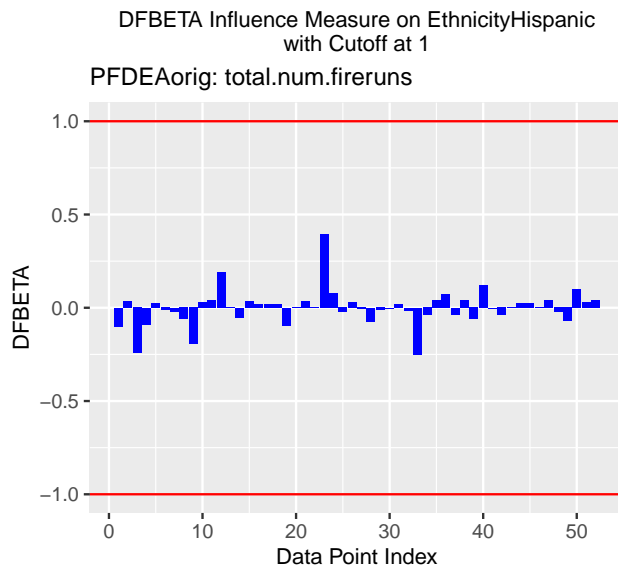
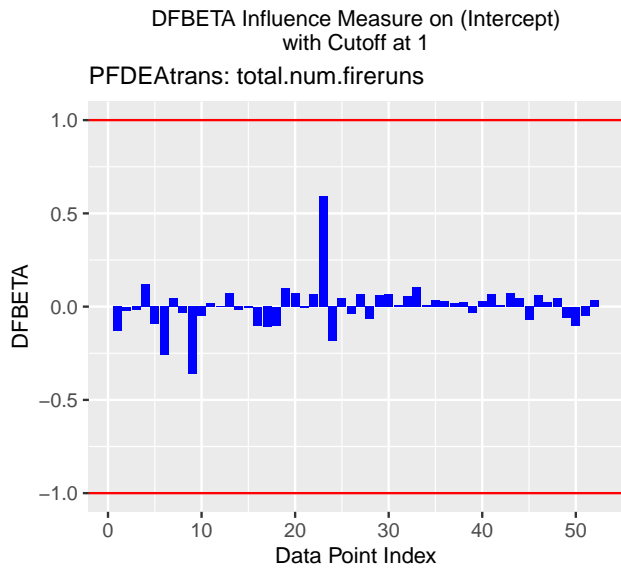
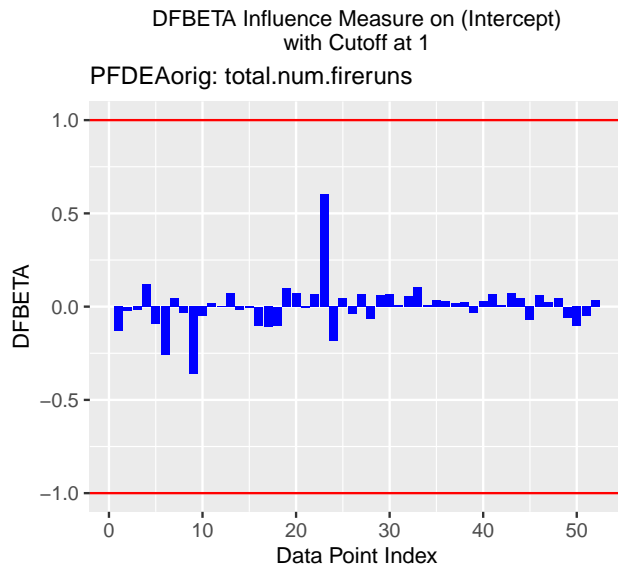


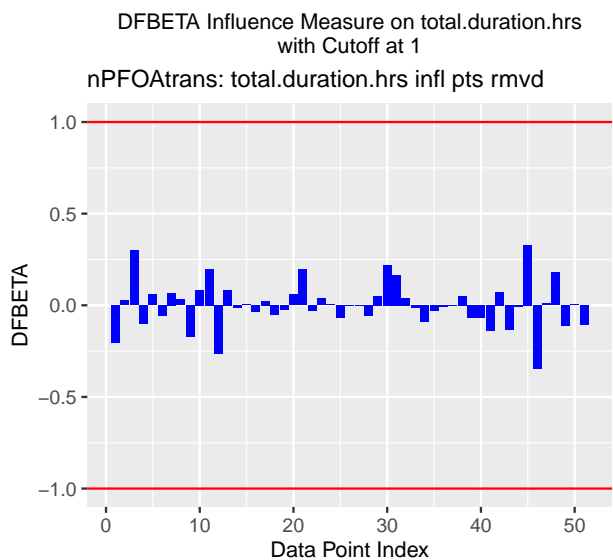
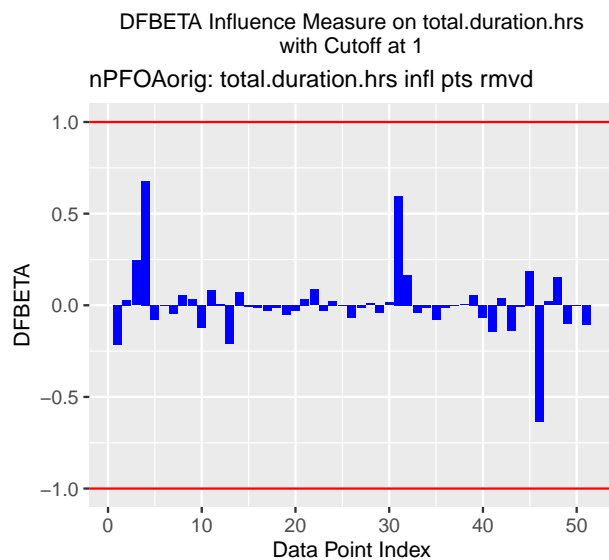
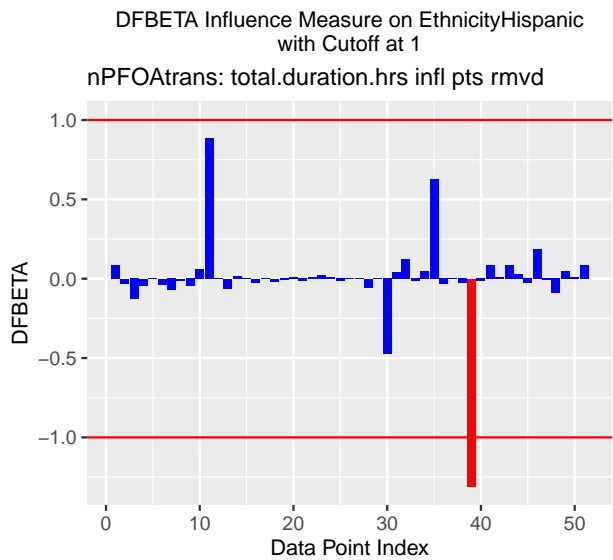
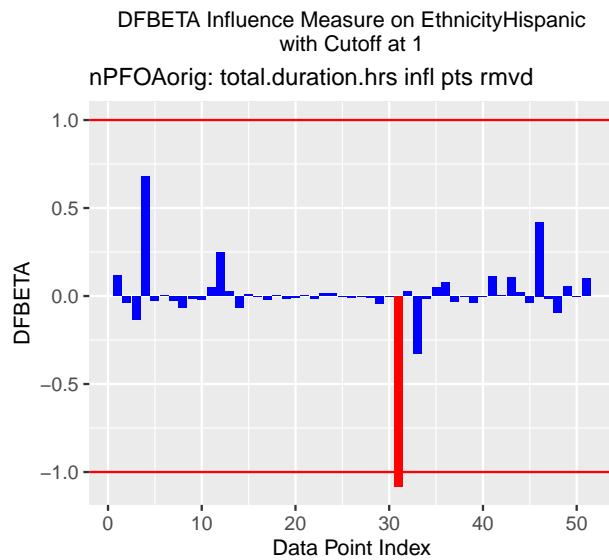
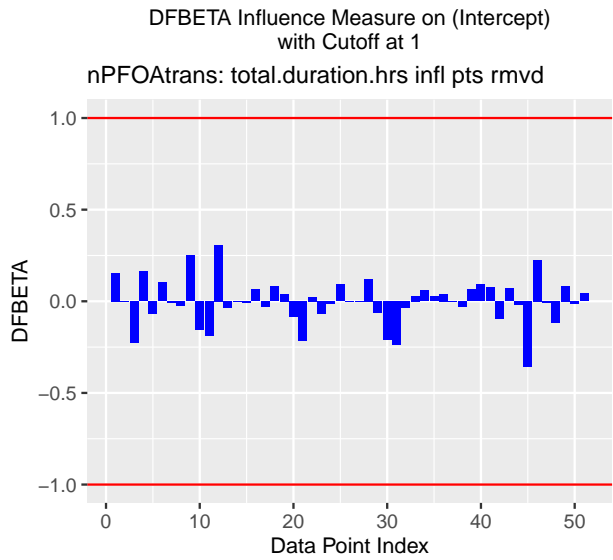
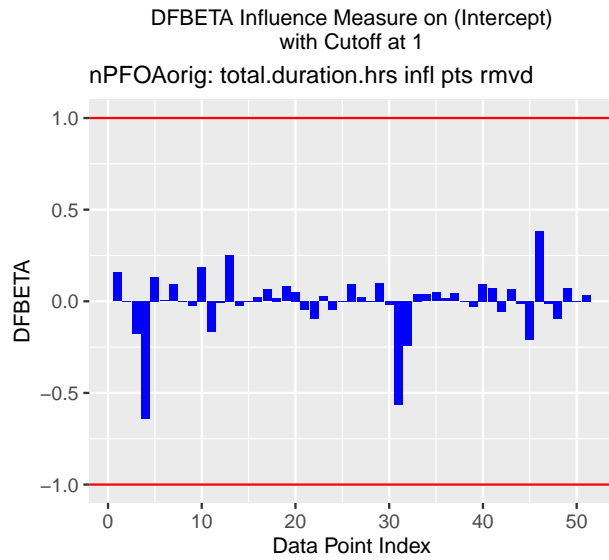
No influential points removed

Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distribution

PFDEAtrans: total.num.fireruns transformed values







[1] “No influential DFBETA points” [1] “str.num.fireruns”

Table 45: PFDEA Change Score + Total Number of Structural Fireruns Models

	<i>Dependent variable:</i>
	PFDEAorig Orig outcome: all data
Constant	−0.049 t = −1.620 p = 0.112
str.num.fireruns	0.0001 t = 0.048 p = 0.963
EthnicityHispanic	0.014 t = 0.381 p = 0.706
Observations	52
R <sup>2</sup>	0.004
Adjusted R <sup>2</sup>	−0.037
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 46: PFDEA Change Score + Total Number of Structural Fireruns Models

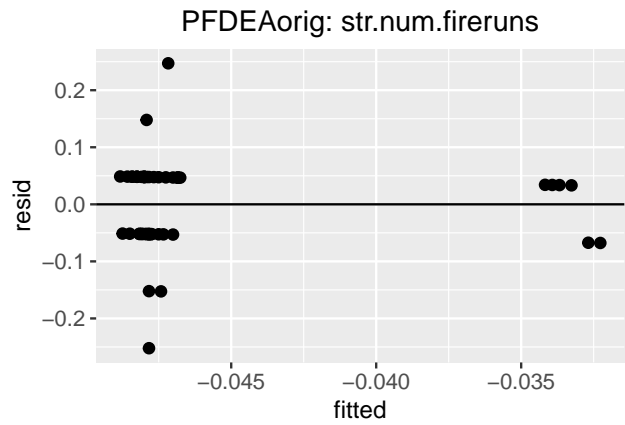
No points removed

Table 47: PFDEA Change Score + Total Number of Structural Fireruns Models

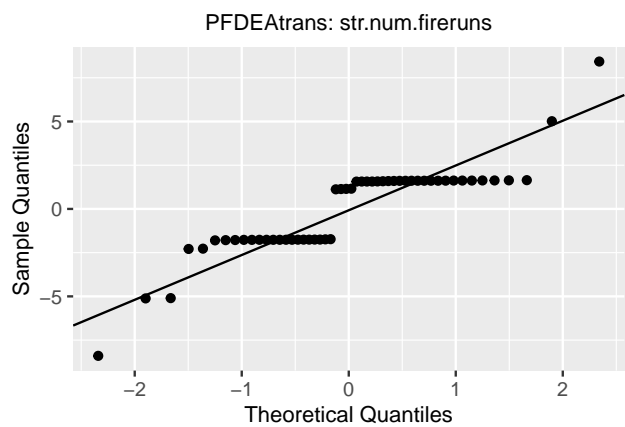
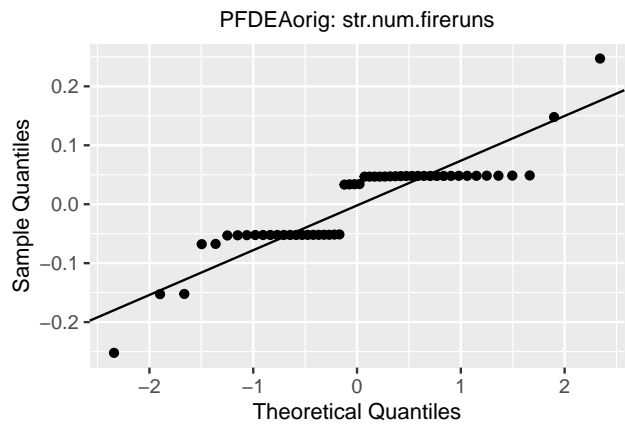
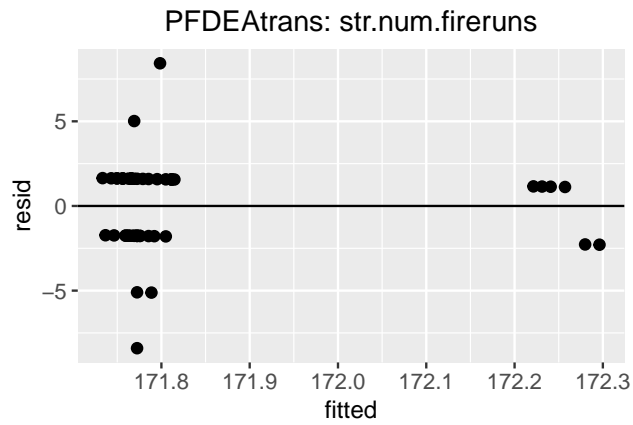
	<i>Dependent variable:</i>
	PFDEAtrans Orig outcome: all data
Constant	171.720 t = 167.977 p = 0.000***
str.num.fireruns	0.003 t = 0.056 p = 0.956
EthnicityHispanic	0.459 t = 0.373 p = 0.712
Observations	52
R <sup>2</sup>	0.004
Adjusted R <sup>2</sup>	−0.037
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 48: PFDEA Change Score + Total Number of Structural Fireruns Models

No points removed

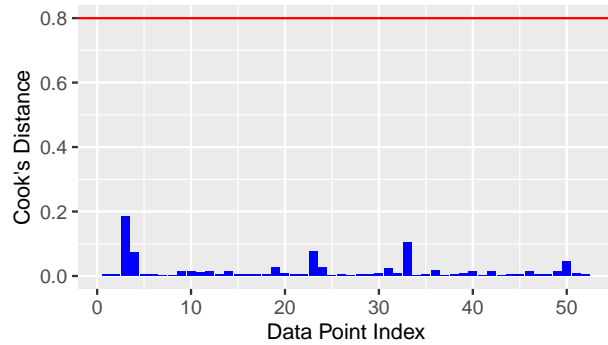


No points removed



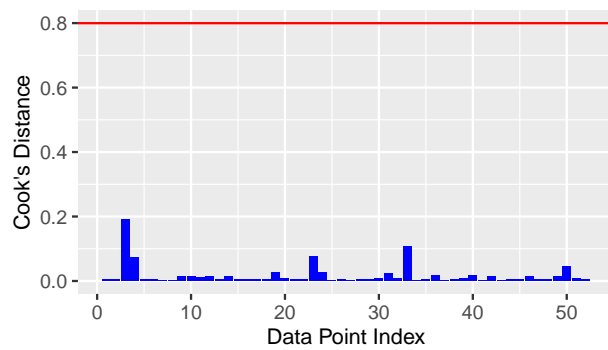
[1] “No influential points removed”

Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distribution  
PFDEAorig: str.num.fireruns original values

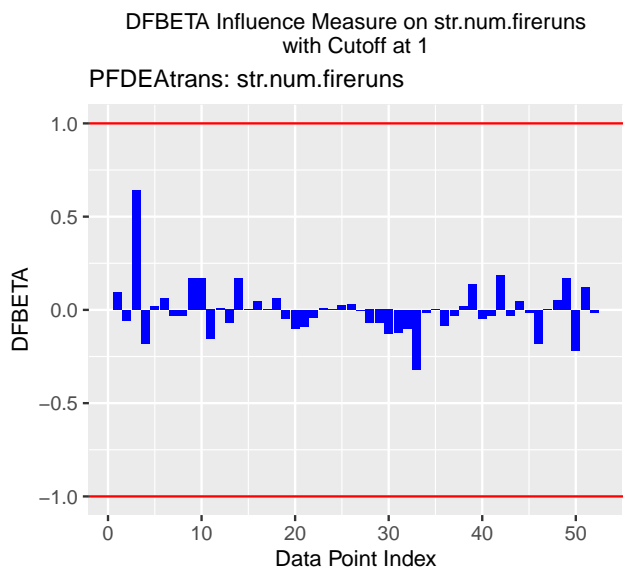
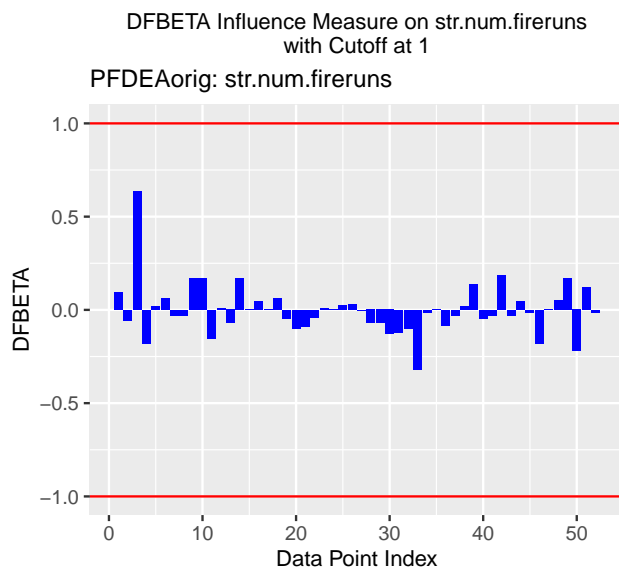
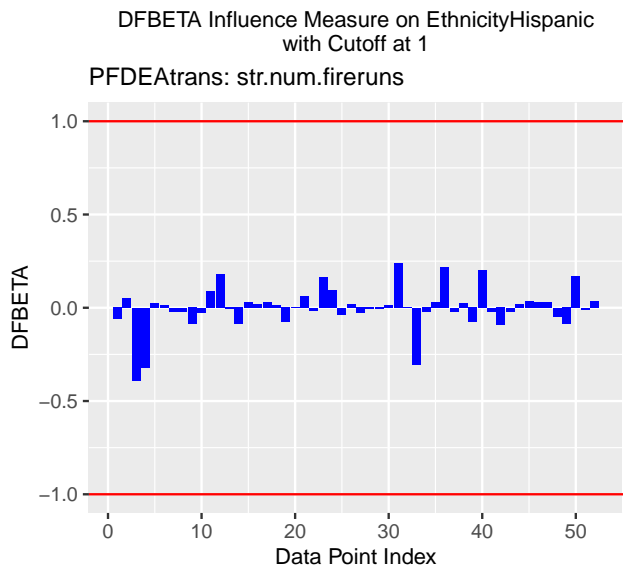
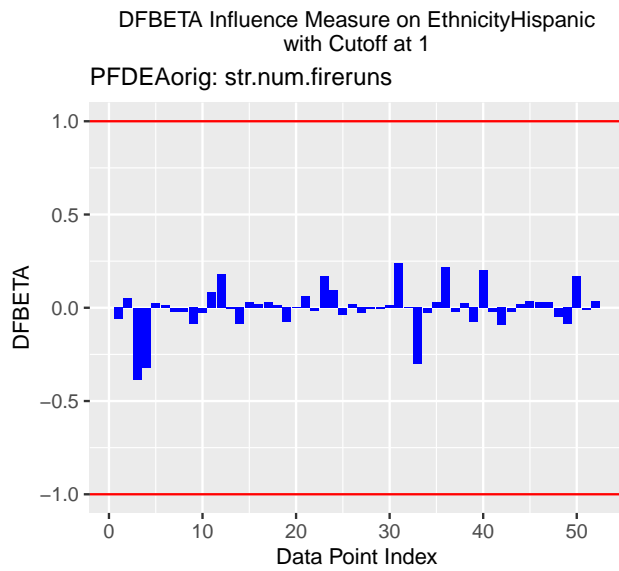
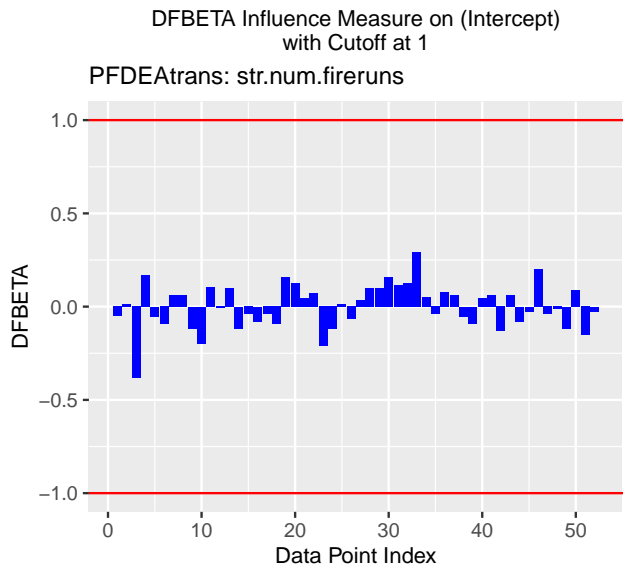
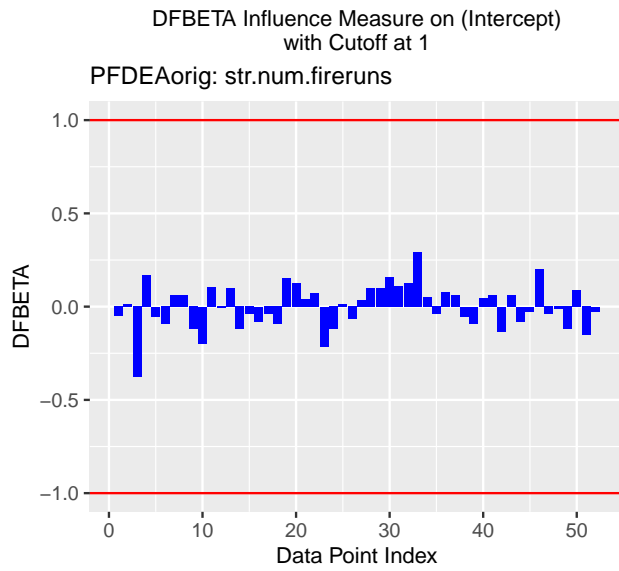


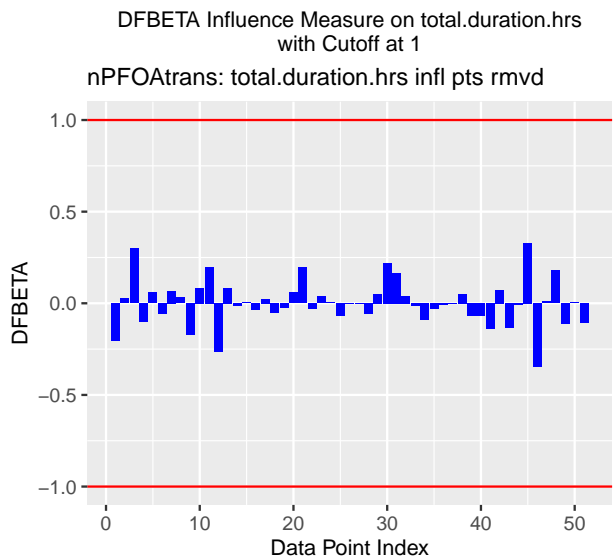
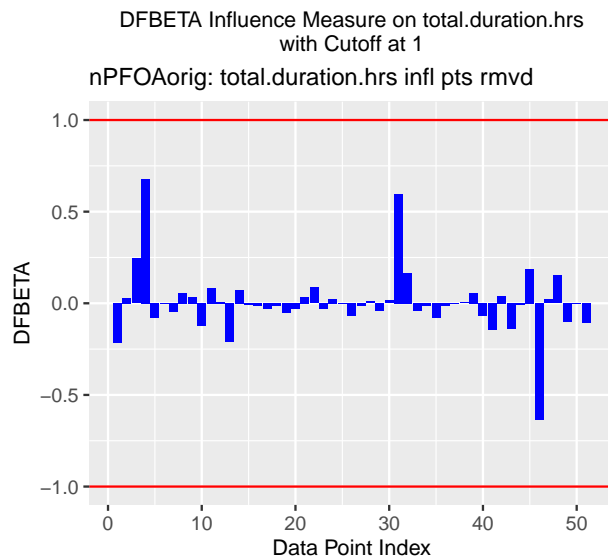
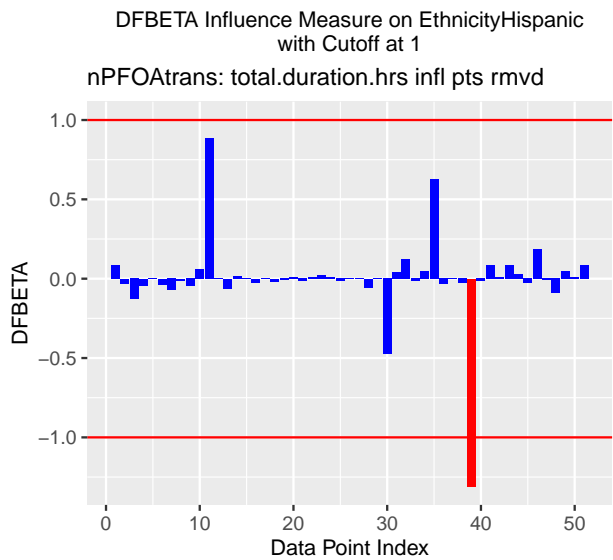
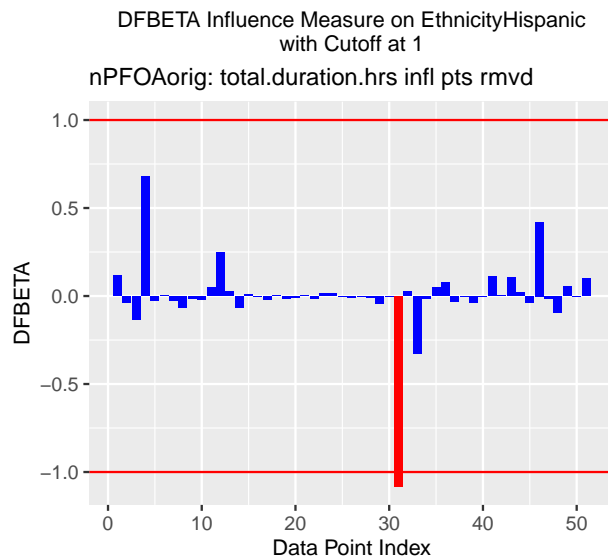
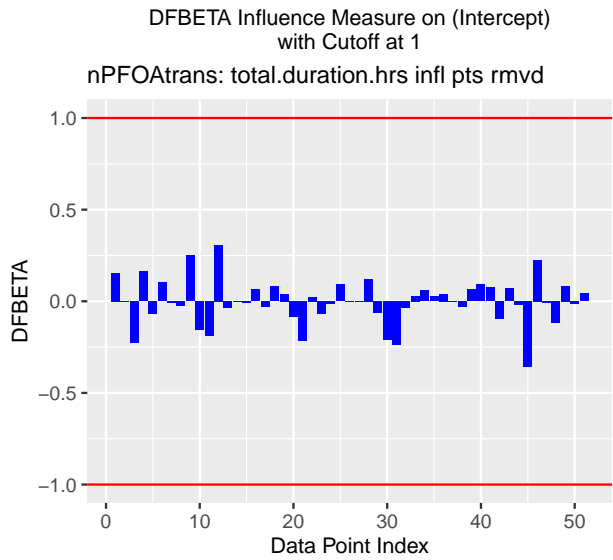
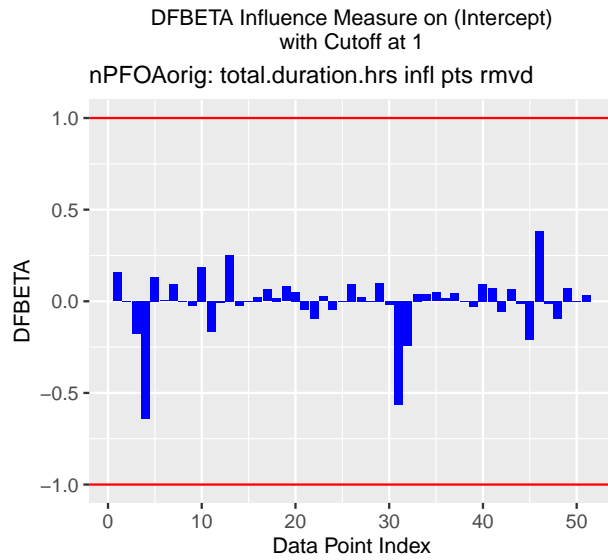
No influential points removed

Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distribution  
PFDEAtrans: str.num.fireruns transformed values









[1] “No influential DFBETA points” [1] “total.duration.hrs”

Table 49: PFDEA Change Score + Models

	<i>Dependent variable:</i>
	PFDEAorig Orig outcome: all data
Constant	−0.009 t = −0.264 p = 0.794
total.duration.hrs	−0.001 t = −1.133 p = 0.263
EthnicityHispanic	0.029 t = 0.802 p = 0.427
Observations	52
R <sup>2</sup>	0.029
Adjusted R <sup>2</sup>	−0.011
<i>Note:</i> *p<0.1; **p<0.05; ***p<0.01	

Table 50: PFDEA Change Score + Models

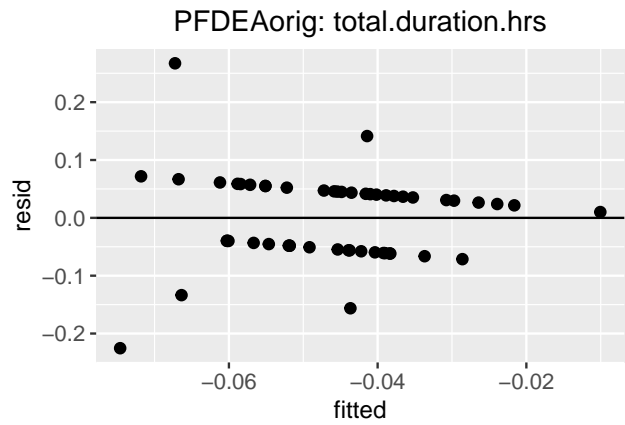
No points removed

Table 51: PFDEA Change Score + Models

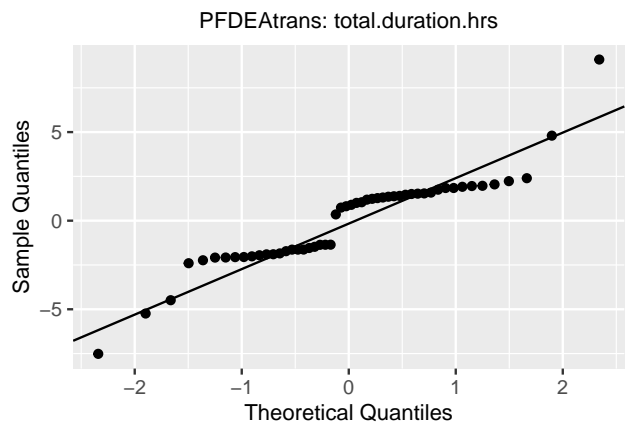
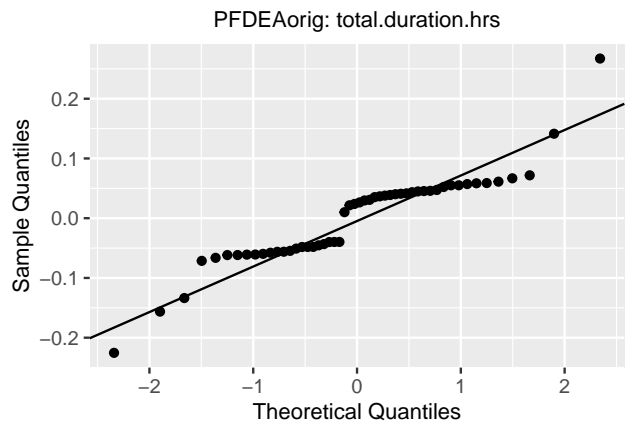
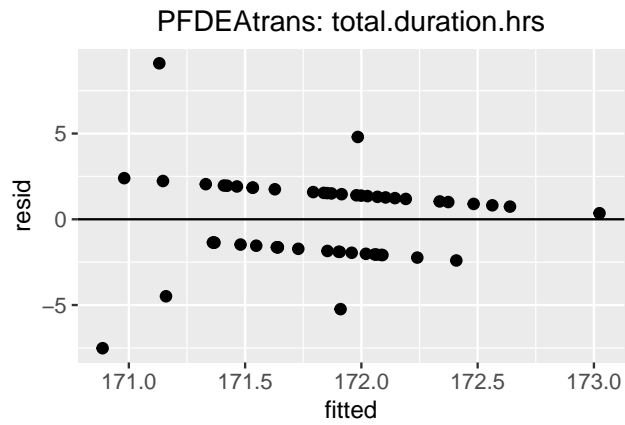
	<i>Dependent variable:</i>
	PFDEAtrans Orig outcome: all data
Constant	173.041 t = 143.439 p = 0.000***
total.duration.hrs	−0.049 t = −1.111 p = 0.273
EthnicityHispanic	0.966 t = 0.788 p = 0.435
Observations	52
R <sup>2</sup>	0.028
Adjusted R <sup>2</sup>	−0.012
<i>Note:</i> *p<0.1; **p<0.05; ***p<0.01	

Table 52: PFDEA Change Score + Models

No points removed

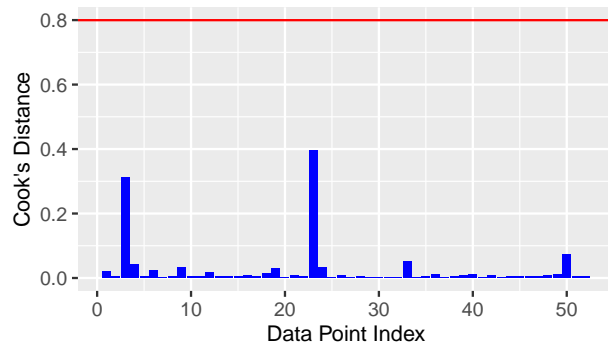


No points removed



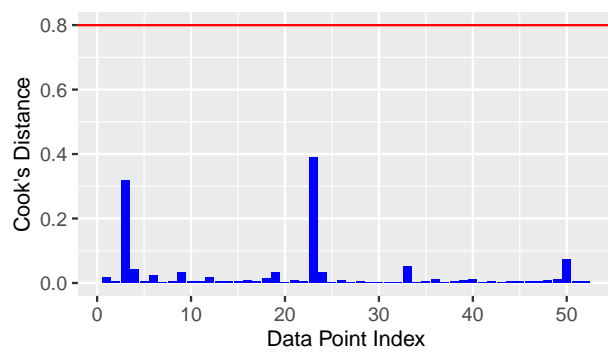
[1] “No influential points removed”

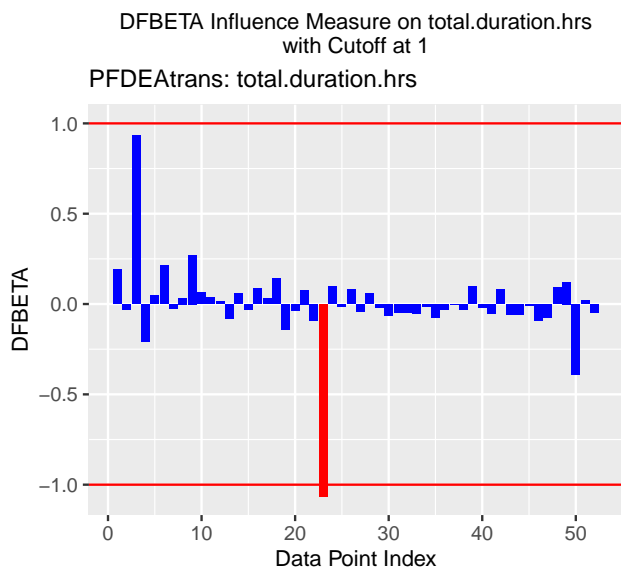
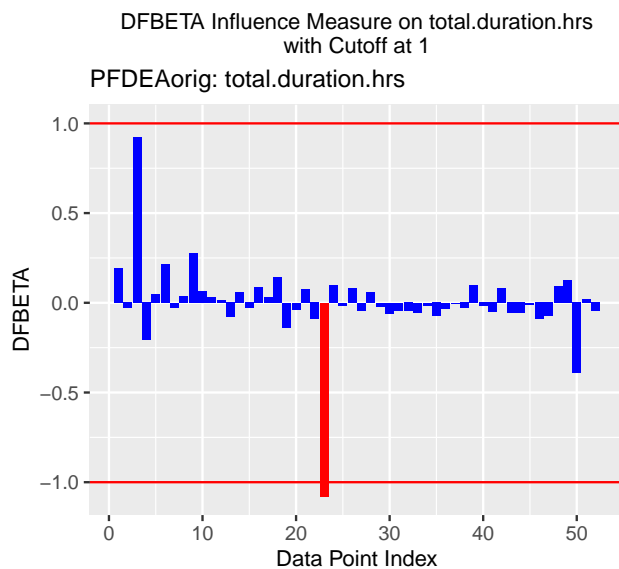
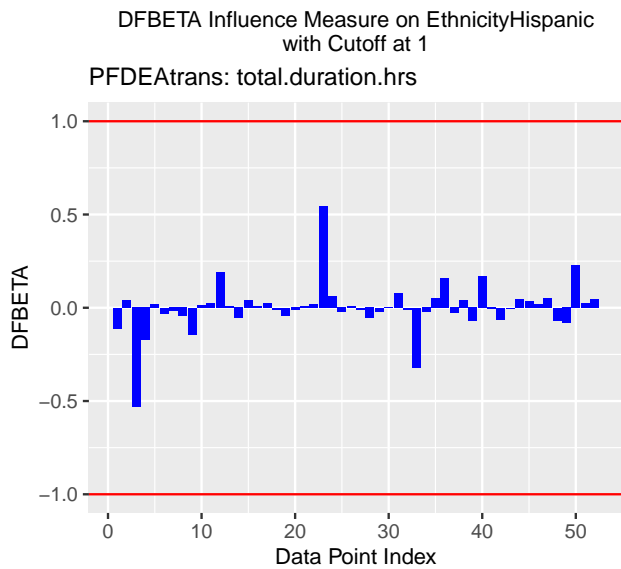
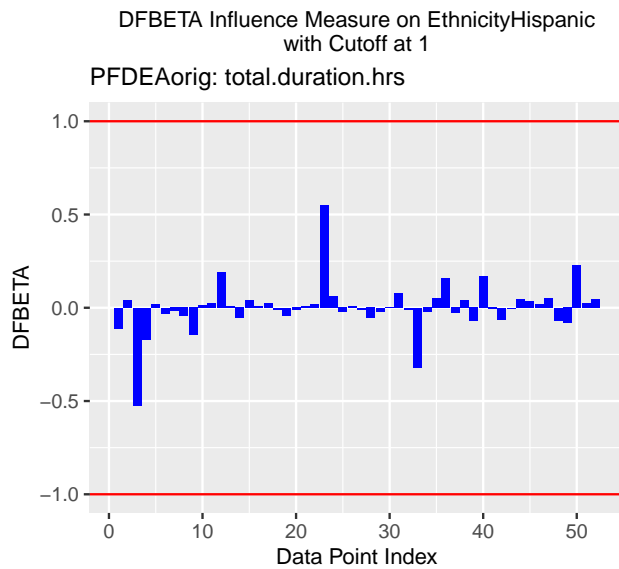
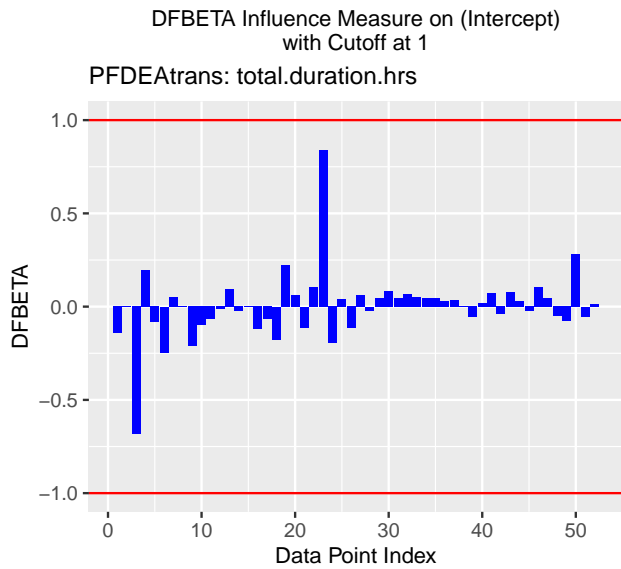
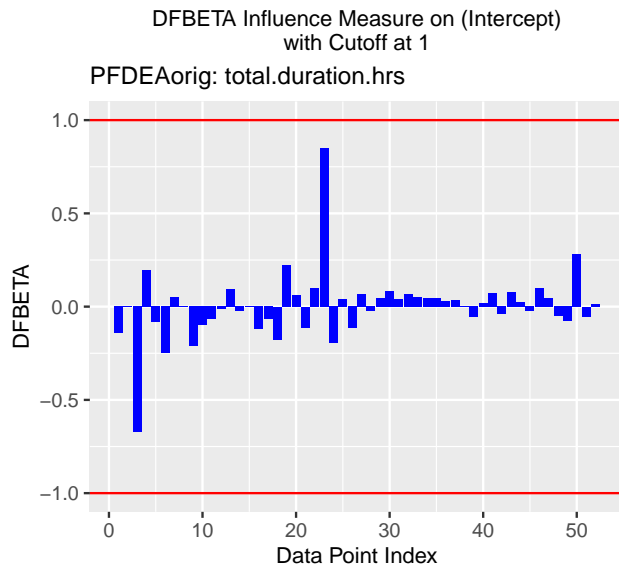
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distribution  
PFDEAorig: total.duration.hrs original values

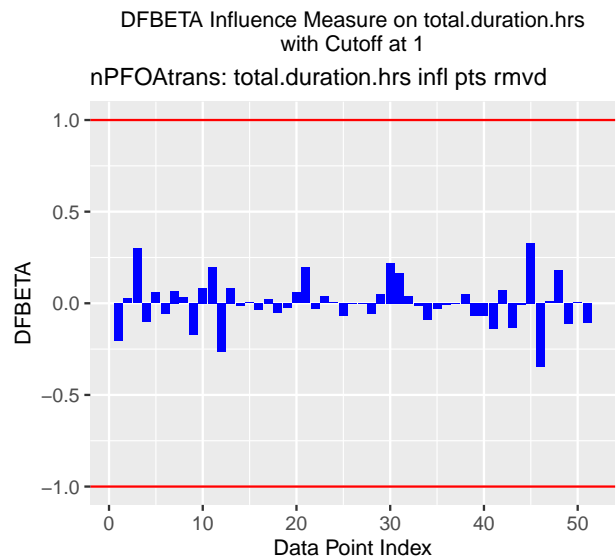
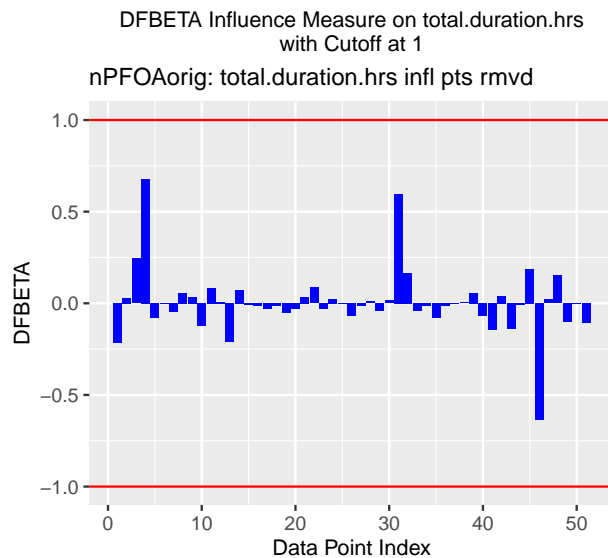
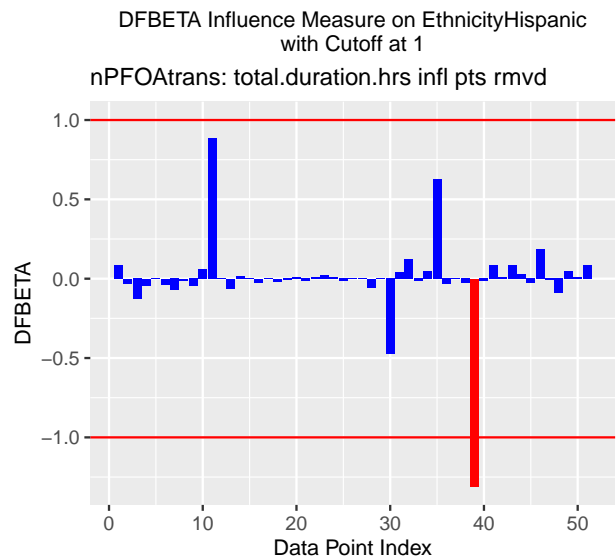
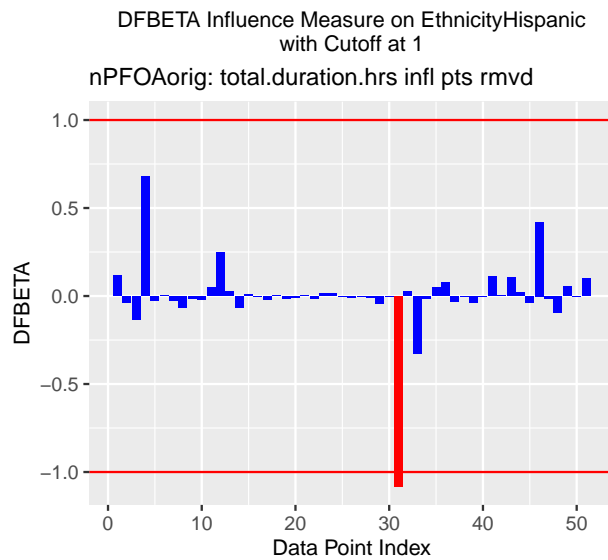
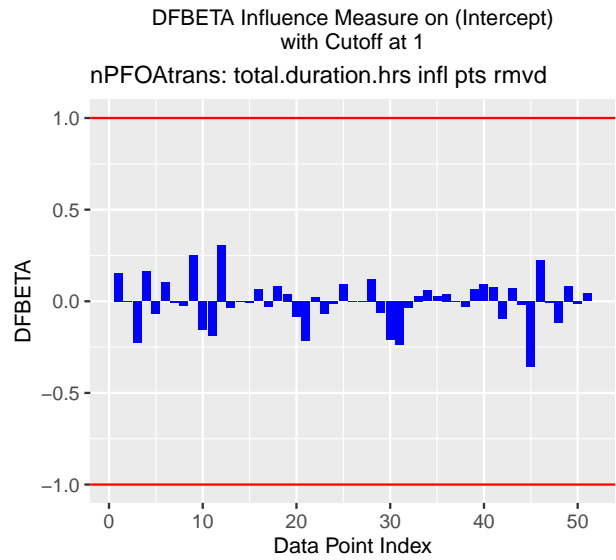
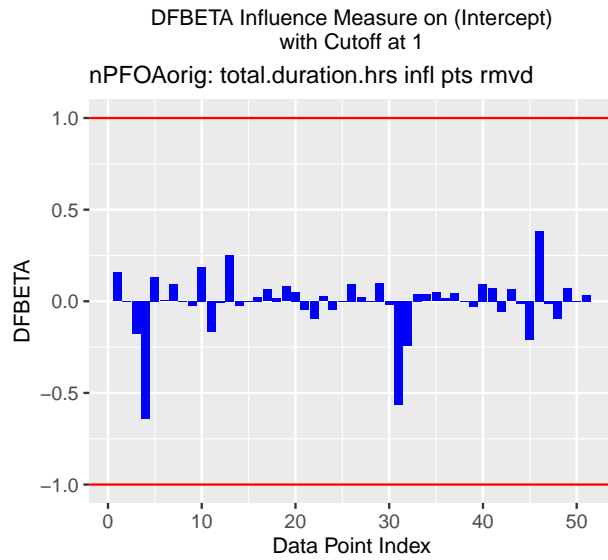


No influential points removed

Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distribution  
PFDEAtrans: total.duration.hrs transformed values







[1] “No influential DFBETA points” [1] “str.duration.hrs”

Table 53: PFDEA Change Score + Models

	<i>Dependent variable:</i>
	PFDEAorig Orig outcome: all data
Constant	−0.065 t = −2.393 p = 0.021**
str.duration.hrs	0.001 t = 0.702 p = 0.486
EthnicityHispanic	0.004 t = 0.107 p = 0.916
Observations	52
R <sup>2</sup>	0.014
Adjusted R <sup>2</sup>	−0.027
<i>Note:</i> *p<0.1; **p<0.05; ***p<0.01	

Table 54: PFDEA Change Score + Models

No points removed

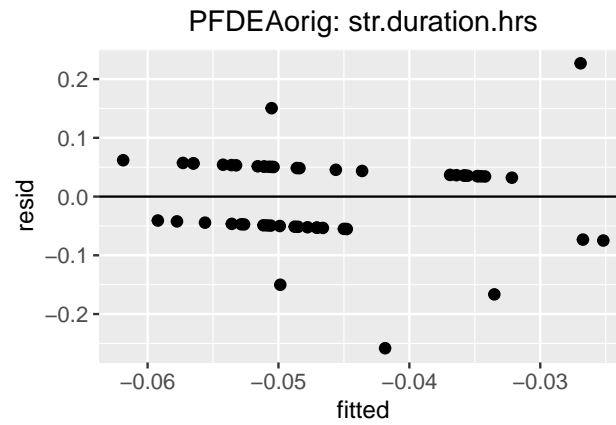
Table 55: PFDEA Change Score + Models

	<i>Dependent variable:</i>
	PFDEAtrans Orig outcome: all data
Constant	171.173 t = 186.816 p = 0.000***
str.duration.hrs	0.047 t = 0.725 p = 0.473
EthnicityHispanic	0.117 t = 0.093 p = 0.927
Observations	52
R <sup>2</sup>	0.014
Adjusted R <sup>2</sup>	−0.026
<i>Note:</i> *p<0.1; **p<0.05; ***p<0.01	

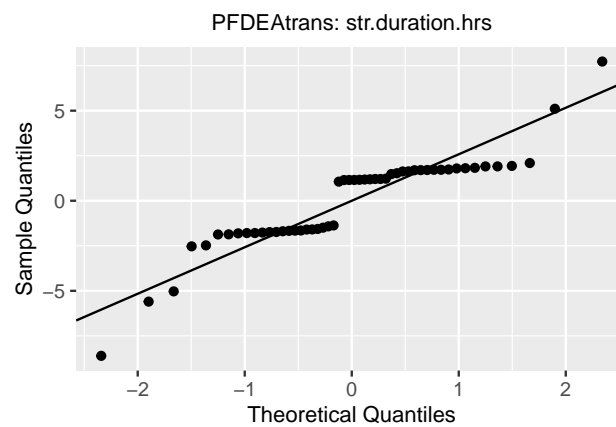
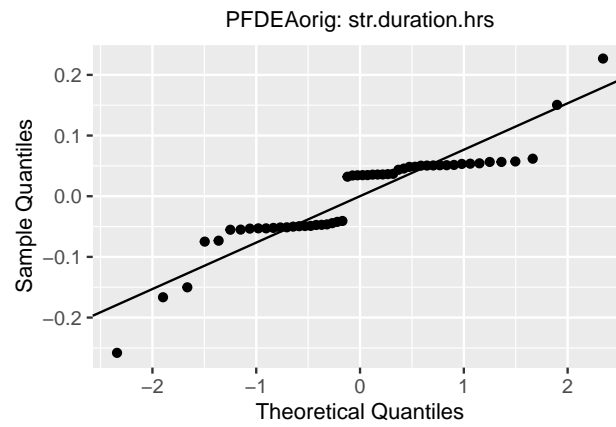
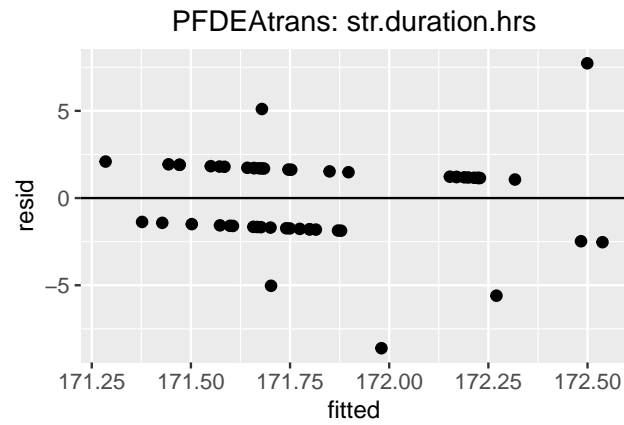
Table 56: PFDEA Change Score + Models

No points removed



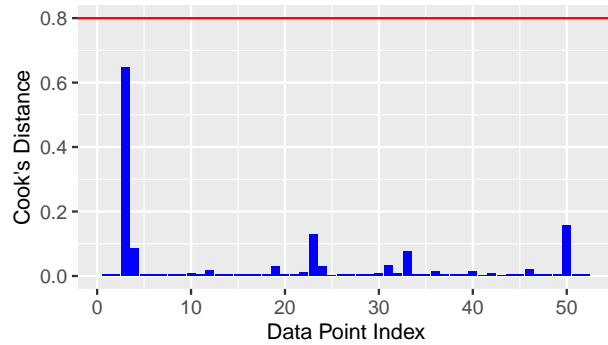


No points removed



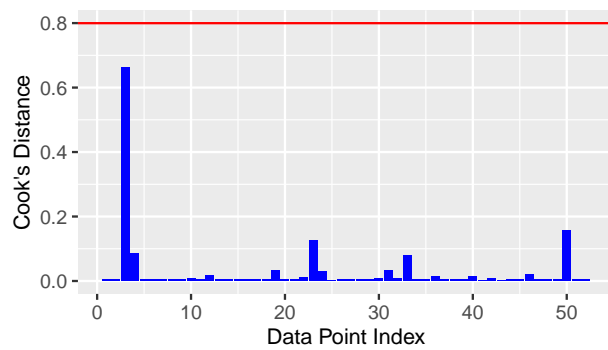
[1] "No influential points removed"

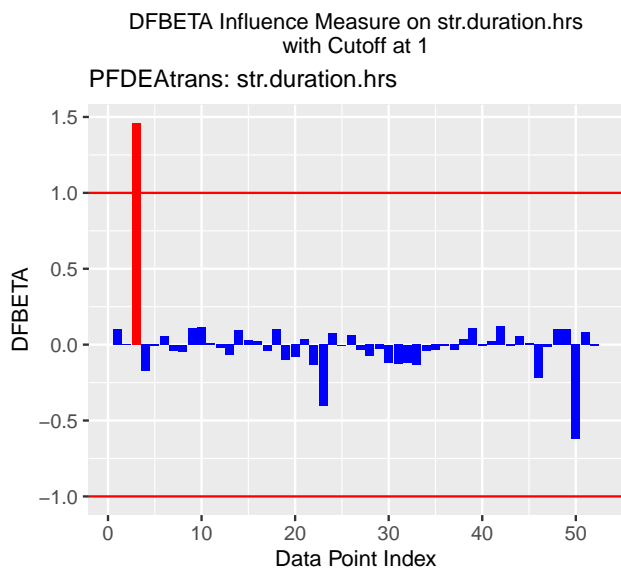
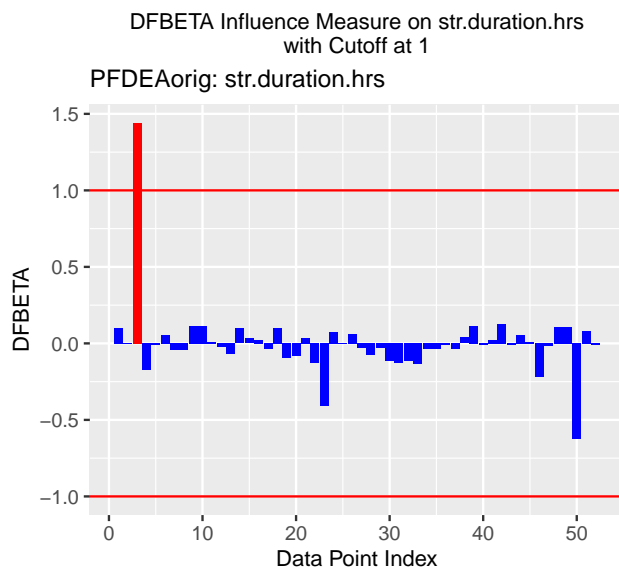
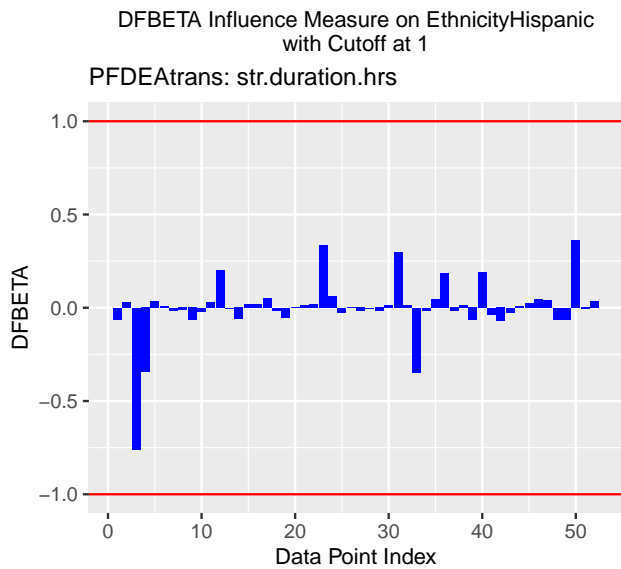
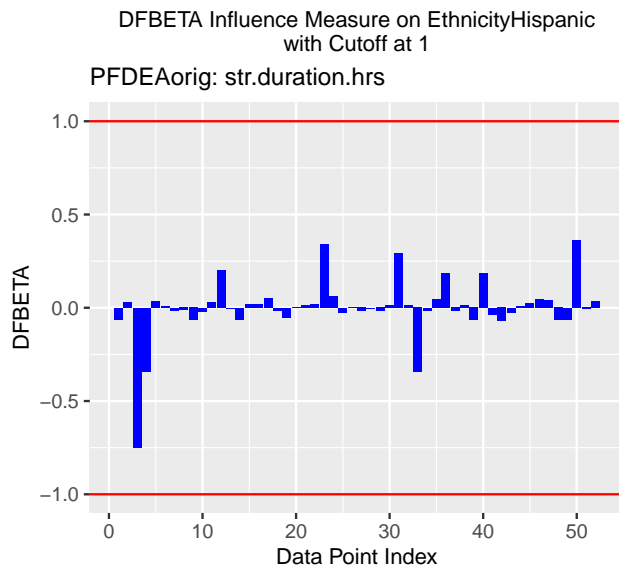
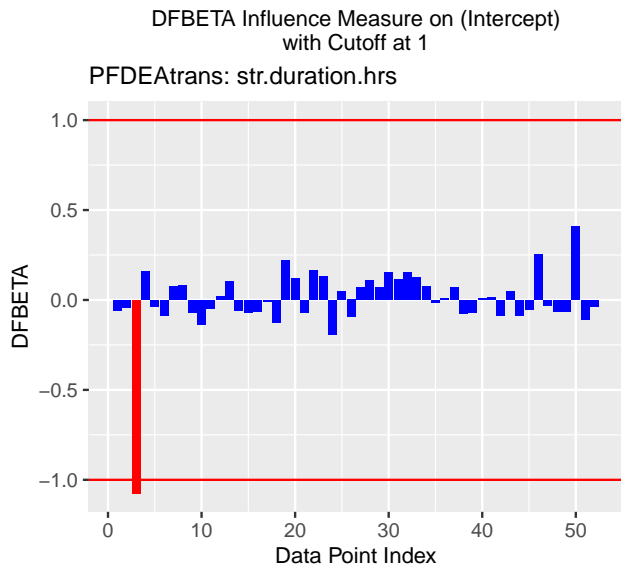
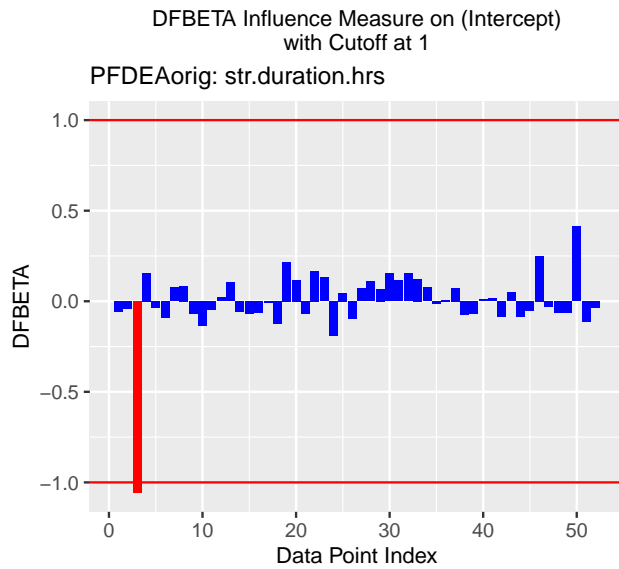
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distribution  
 PFDEAorig: str.duration.hrs original values

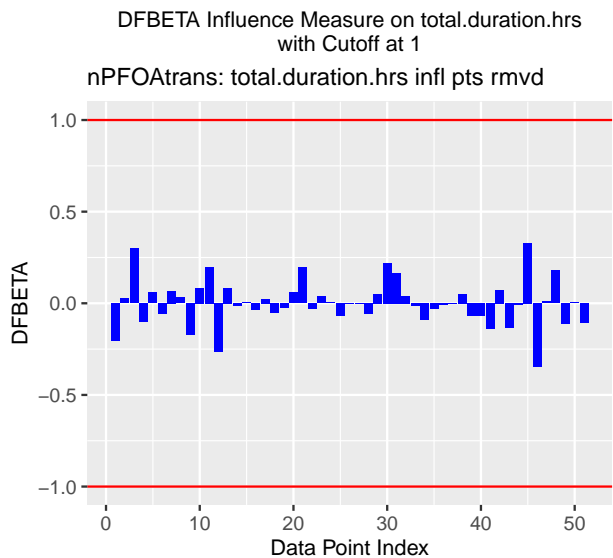
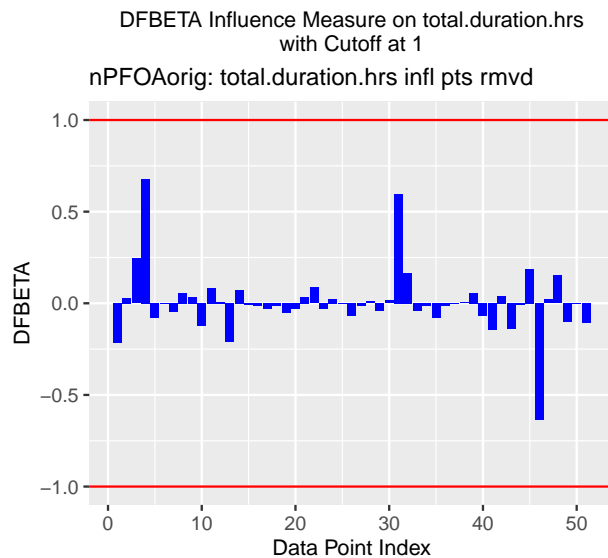
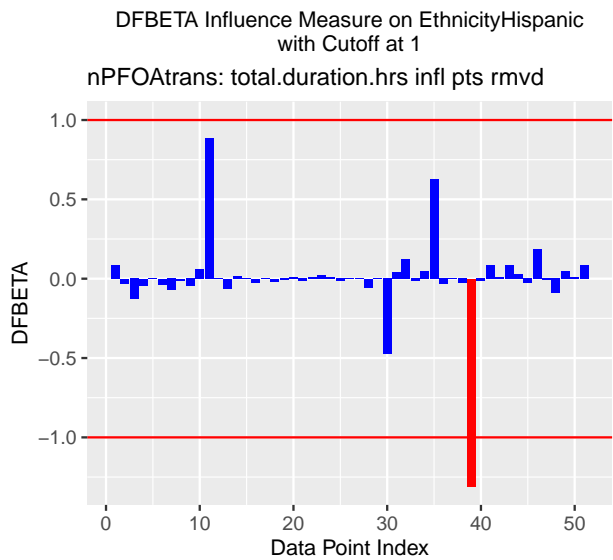
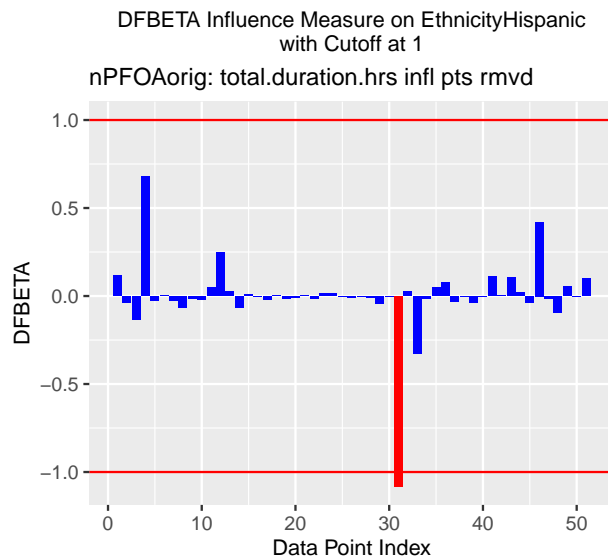
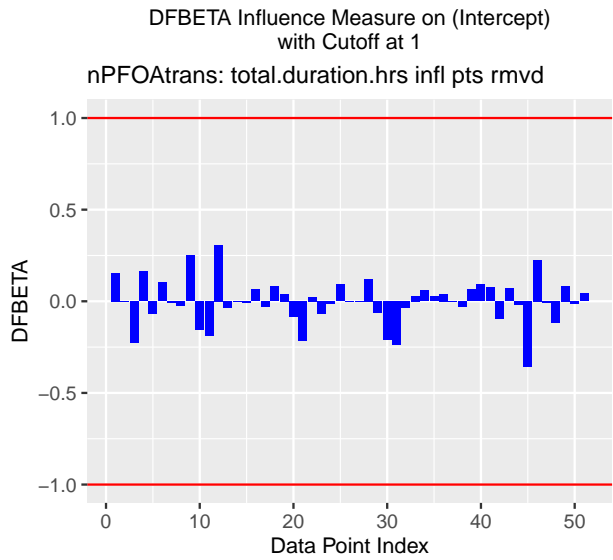
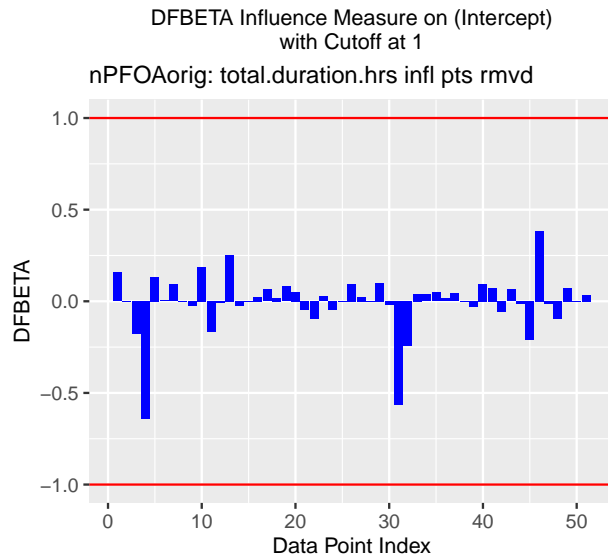


No influential points removed

Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distribution  
 PFDEAtrans: str.duration.hrs transformed values







[1] “No influential DFBETA points” [1] “days.since.MRF”

Table 57: PFDEA Change Score + Days Since Most Recent Fire Models

	<i>Dependent variable:</i>
	PFDEAorig Orig outcome: all data
Constant	−0.045 t = −2.893 p = 0.006***
days.since.MRF	−0.0001 t = −0.278 p = 0.782
EthnicityHispanic	0.014 t = 0.406 p = 0.687
Observations	52
R <sup>2</sup>	0.005
Adjusted R <sup>2</sup>	−0.035
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 58: PFDEA Change Score + Days Since Most Recent Fire Models

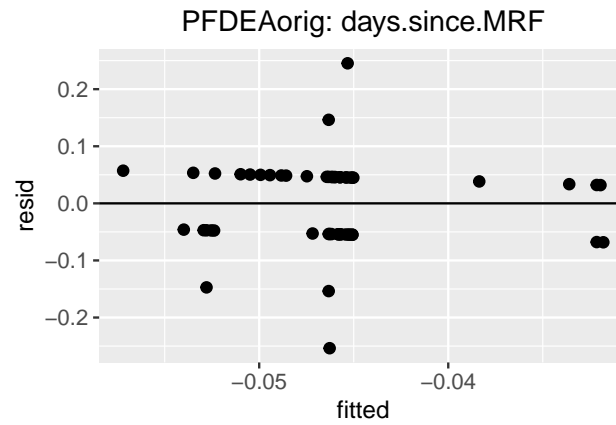
No points removed

Table 59: PFDEA Change Score + Days Since Most Recent Fire Models

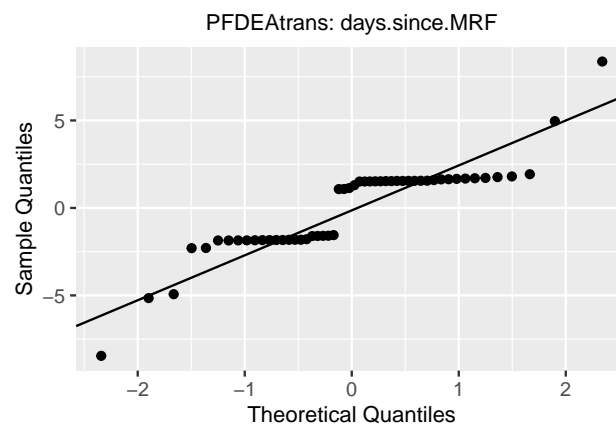
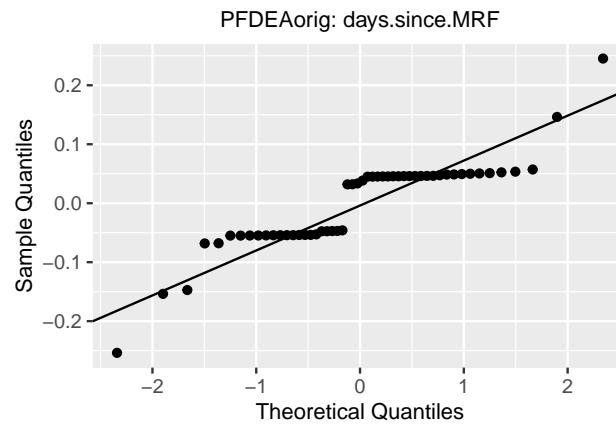
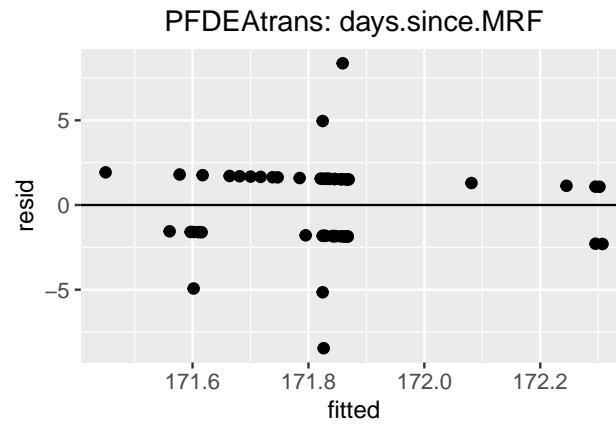
	<i>Dependent variable:</i>
	PFDEAtrans Orig outcome: all data
Constant	171.871 t = 328.201 p = 0.000***
days.since.MRF	−0.002 t = −0.285 p = 0.778
EthnicityHispanic	0.464 t = 0.400 p = 0.692
Observations	52
R <sup>2</sup>	0.005
Adjusted R <sup>2</sup>	−0.035
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 60: PFDEA Change Score + Days Since Most Recent Fire Models

No points removed

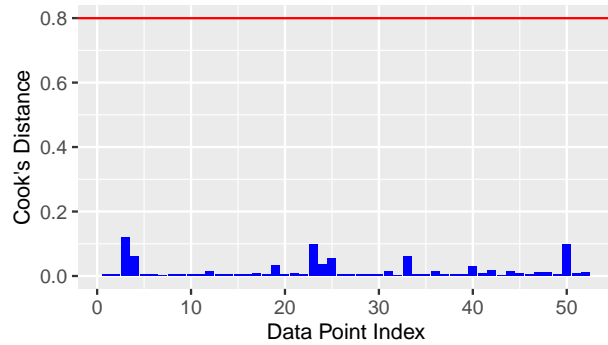


No points removed



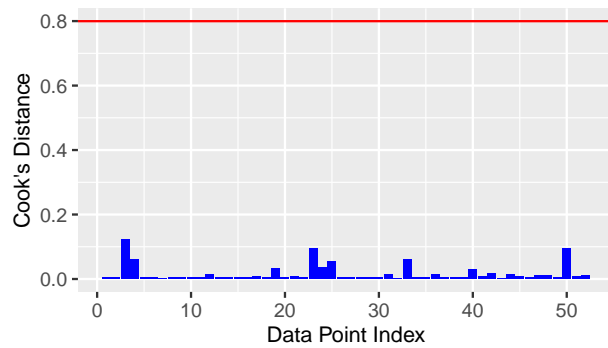
[1] “No influential points removed”

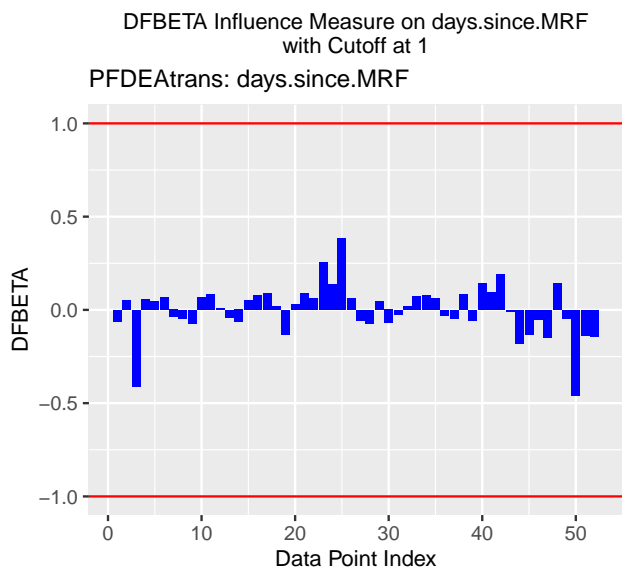
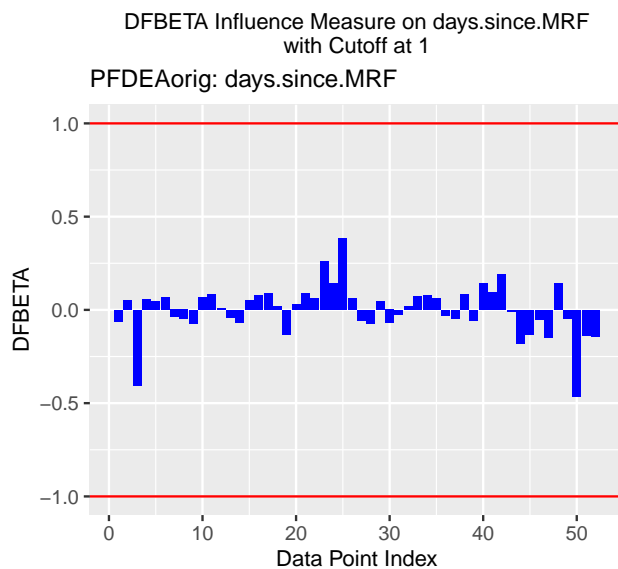
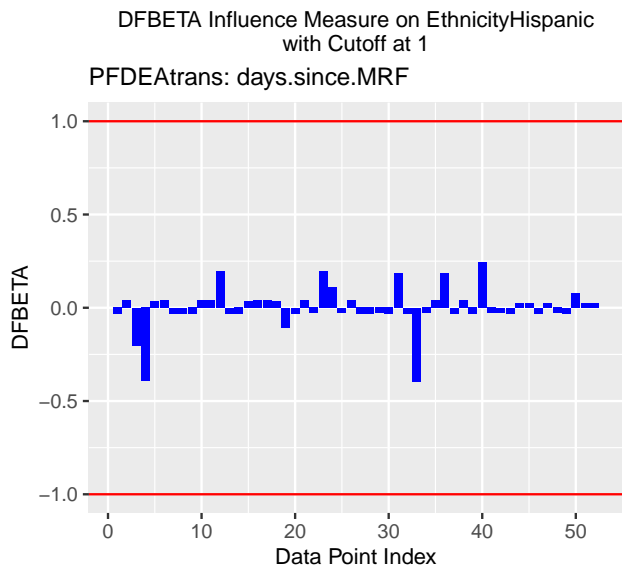
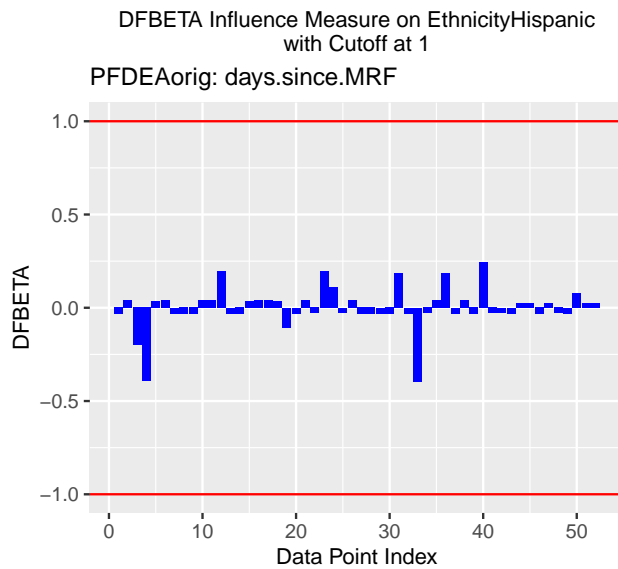
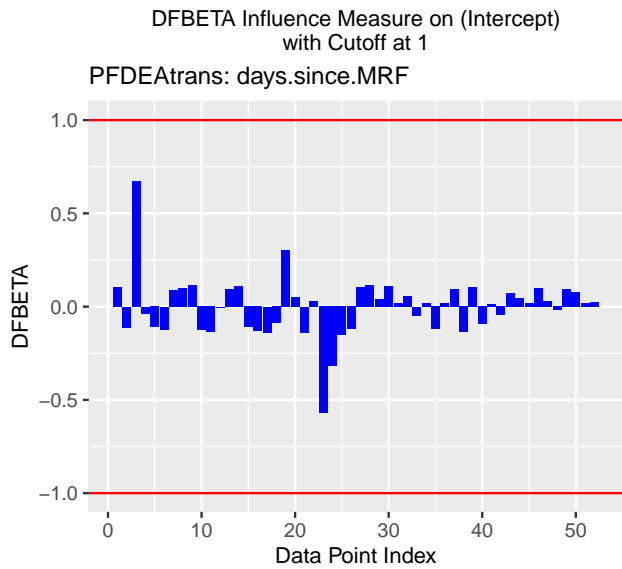
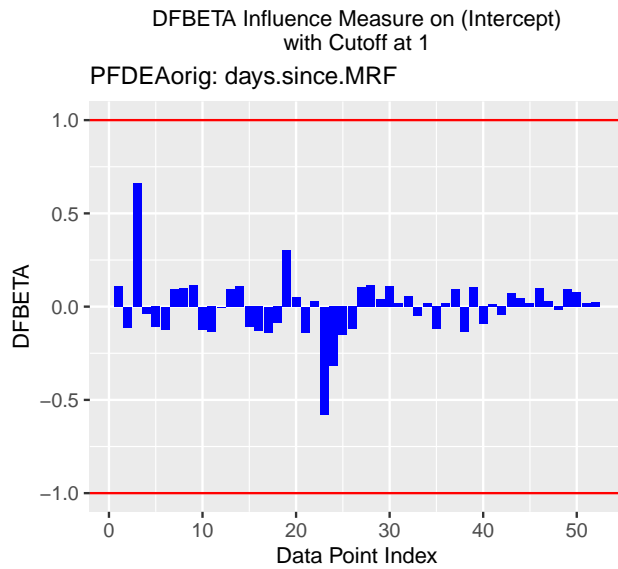
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distribution  
PFDEAorig: days.since.MRF original values



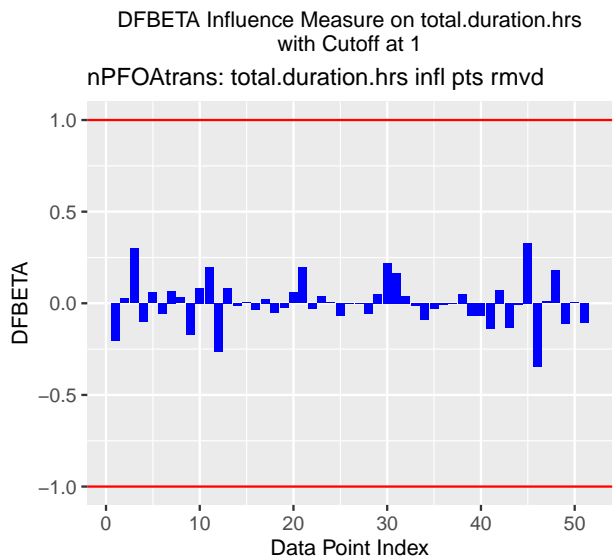
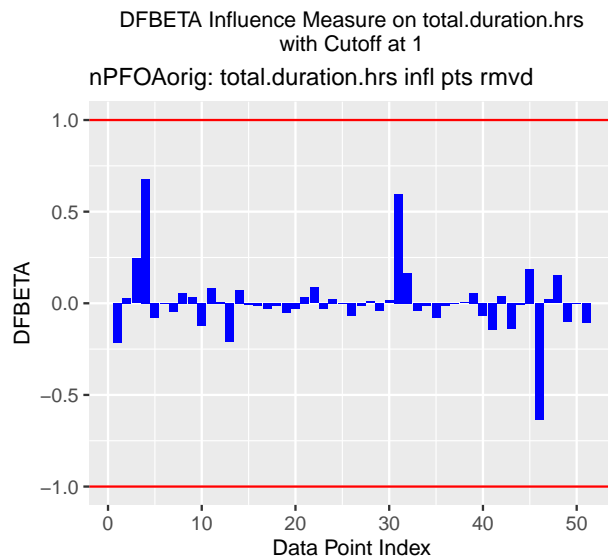
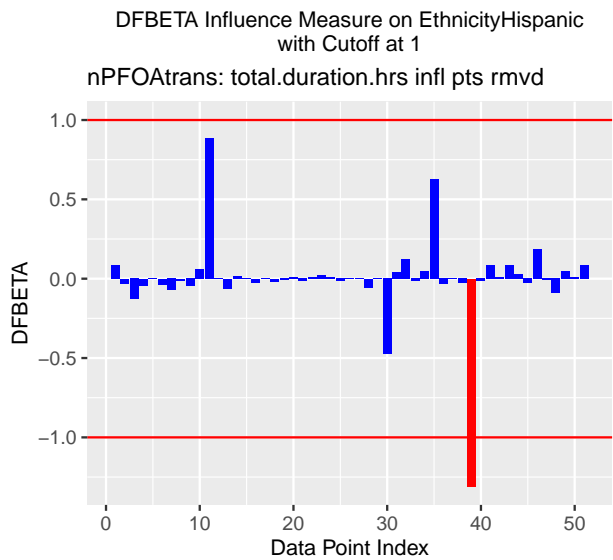
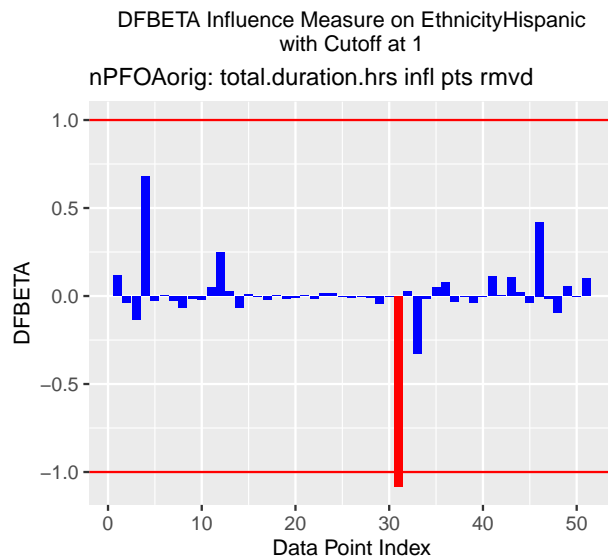
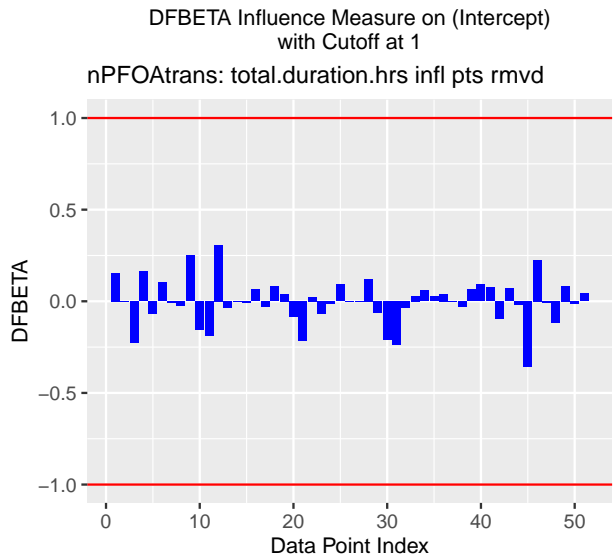
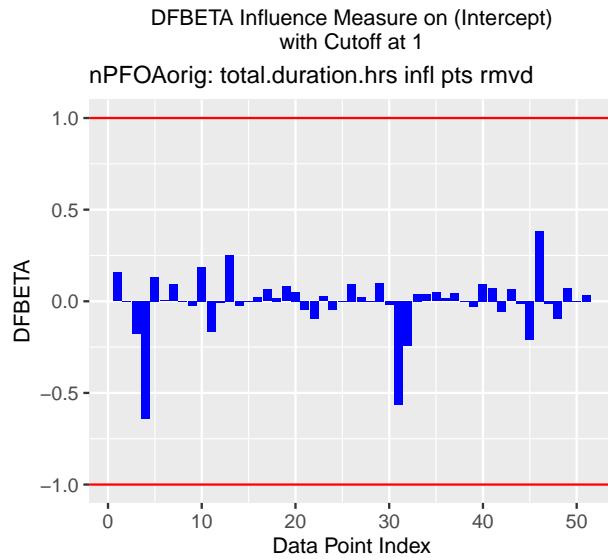
No influential points removed

Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distribution  
PFDEAtrans: days.since.MRF transformed values









[1] “No influential DFBETA points” [1] “days.since.struc.MRF”

Table 61: PFDEA Change Score + Days Since Most Recent Structural Fire Models

	<i>Dependent variable:</i>
	PFDEAorig
	Orig outcome: all data
Constant	-0.052 t = -3.166 p = 0.003***
days.since.struc.MRF	0.0001 t = 0.353 p = 0.726
EthnicityHispanic	0.016 t = 0.457 p = 0.650
Observations	52
R <sup>2</sup>	0.006
Adjusted R <sup>2</sup>	-0.034
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 62: PFDEA Change Score + Days Since Most Recent Structural Fire Models

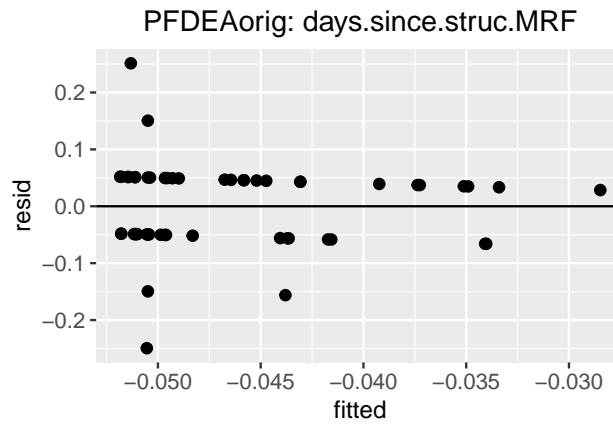
No points removed

Table 63: PFDEA Change Score + Days Since Most Recent Structural Fire Models

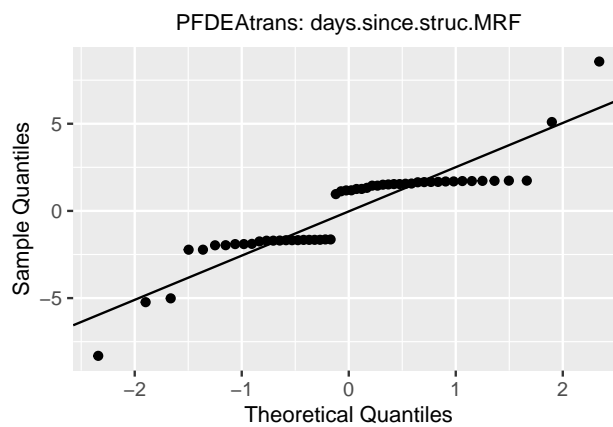
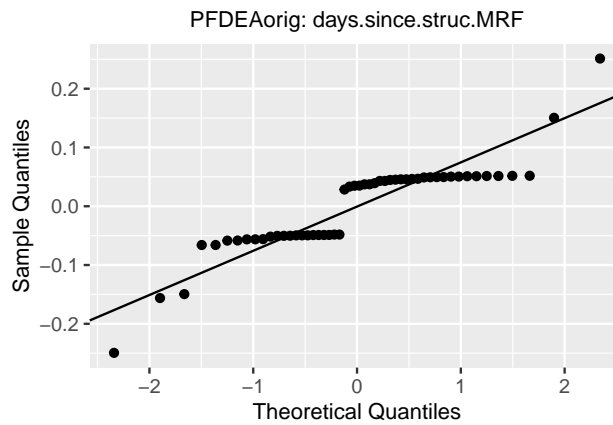
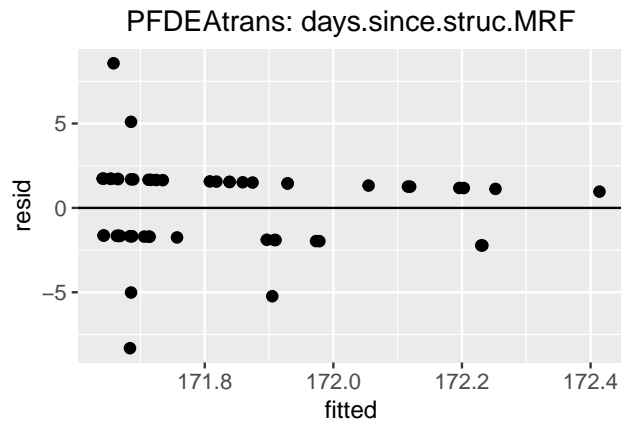
	<i>Dependent variable:</i>
	PFDEAtrans
	Orig outcome: all data
Constant	171.639 t = 310.764 p = 0.000***
days.since.struc.MRF	0.002 t = 0.344 p = 0.733
EthnicityHispanic	0.524 t = 0.450 p = 0.655
Observations	52
R <sup>2</sup>	0.006
Adjusted R <sup>2</sup>	-0.035
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 64: PFDEA Change Score + Days Since Most Recent Structural Fire Models

No points removed

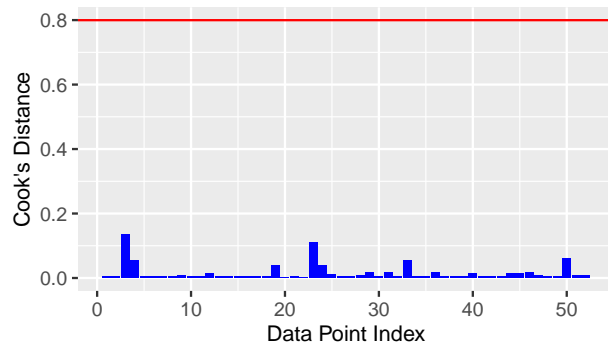


No points removed



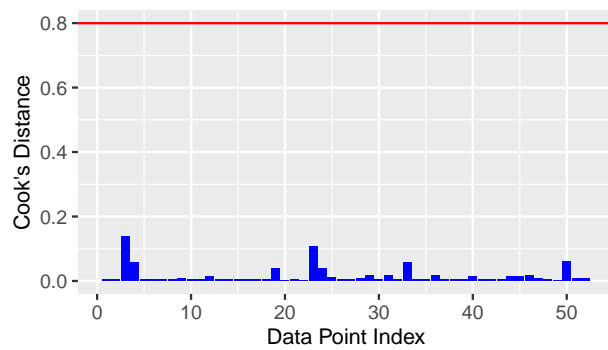
[1] “No influential points removed”

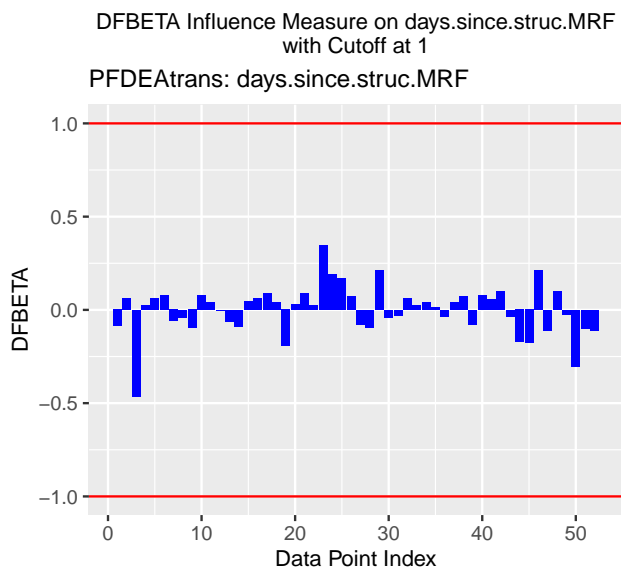
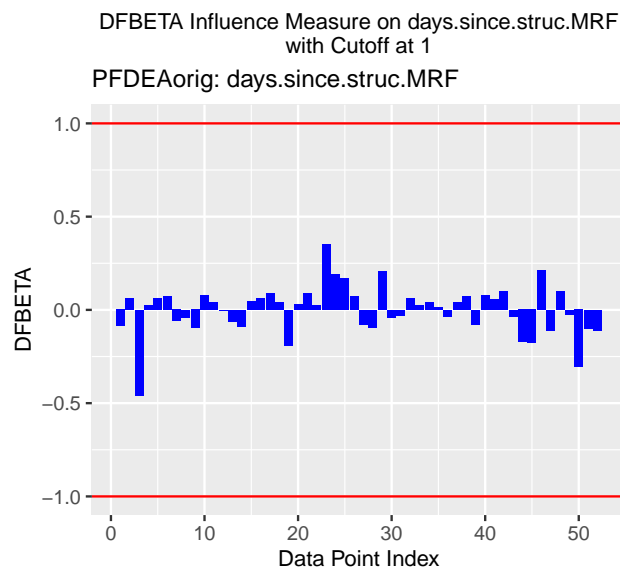
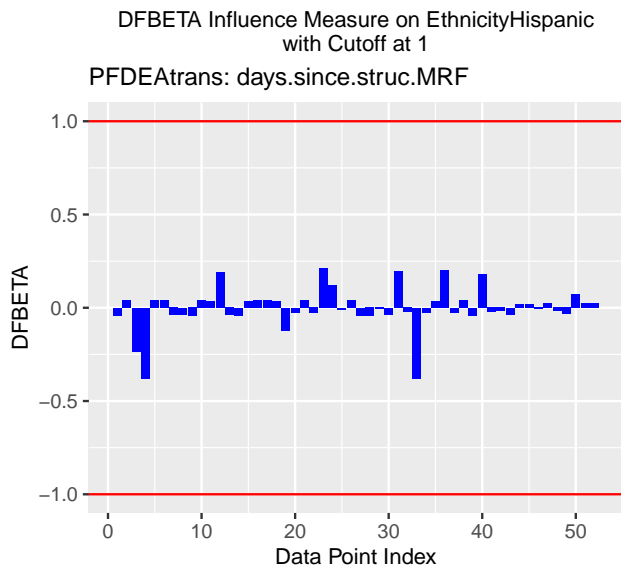
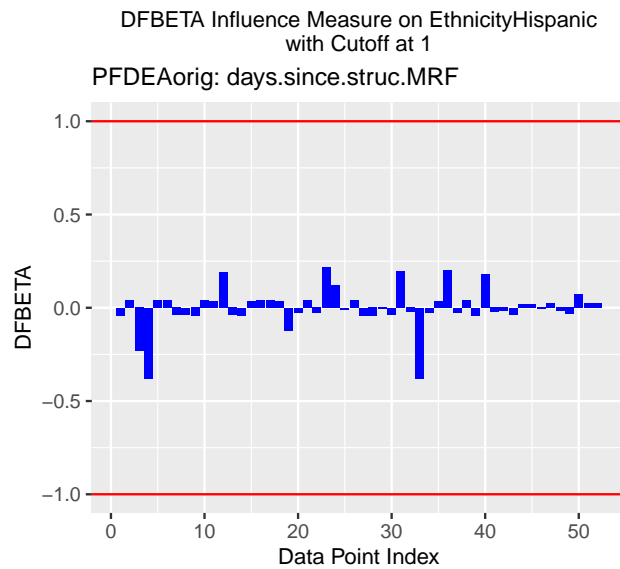
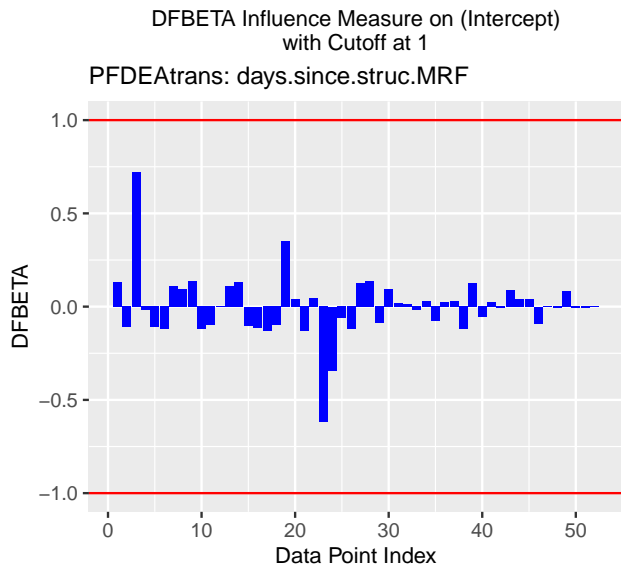
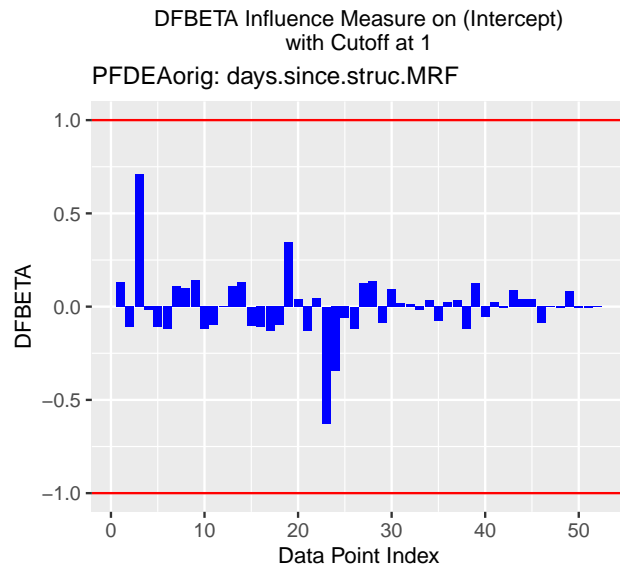
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distribution  
PFDEAorig: days.since.struc.MRF original values

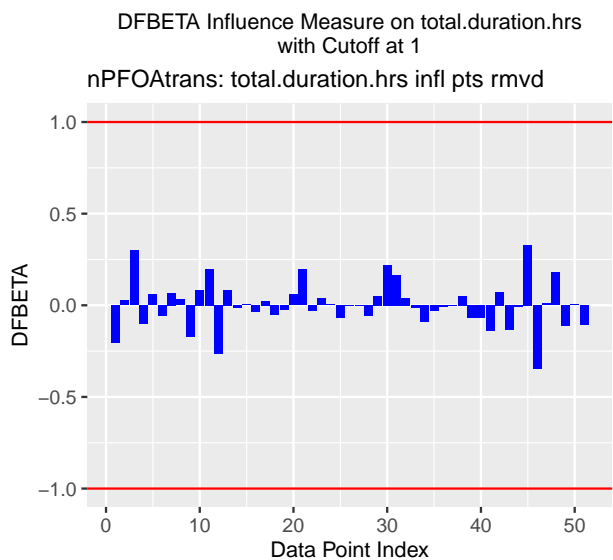
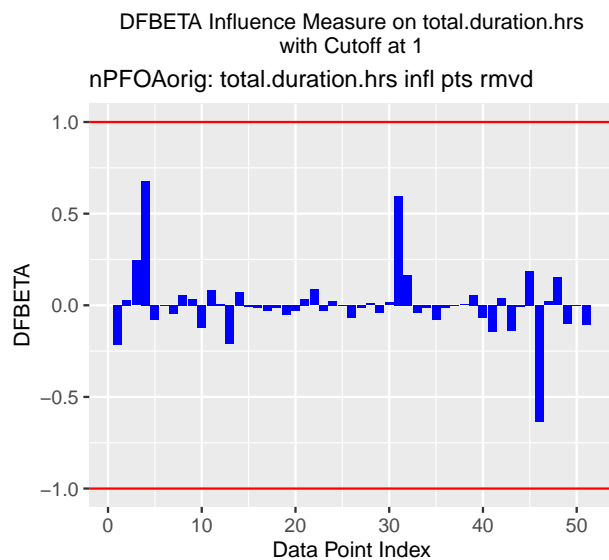
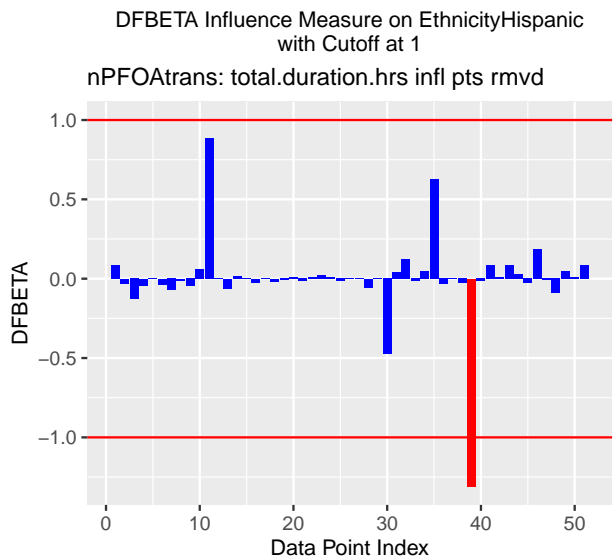
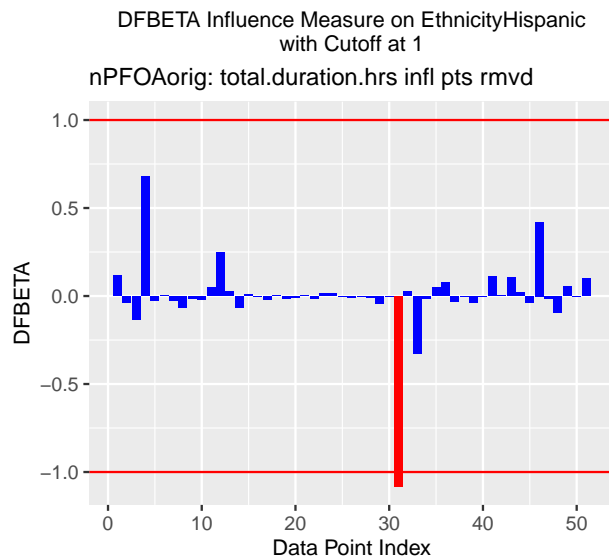
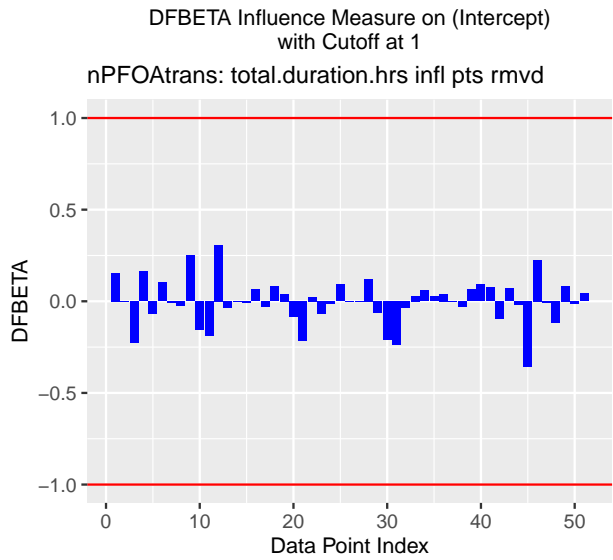
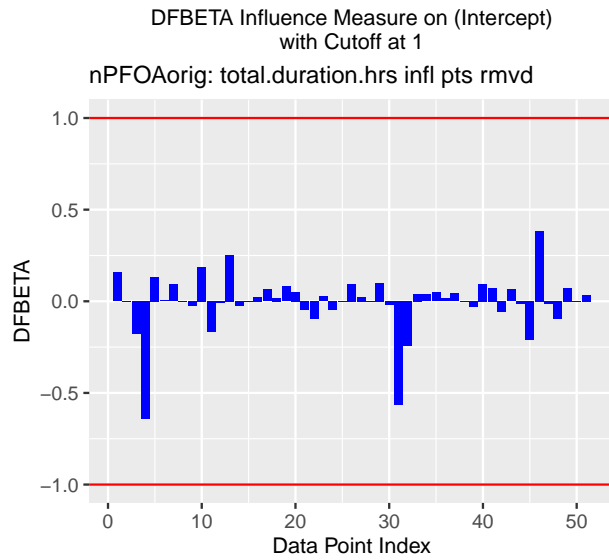


No influential points removed

Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distribution  
PFDEAtrans: days.since.struc.MRF transformed values







[1] “No influential DFBETA points” [1] “time.since.baseline”

Table 65: PFDEA Change Score + Time Since Baseline (days) Models

	<i>Dependent variable:</i>
	PFDEAorig Orig outcome: all data
Constant	−0.016 t = −0.234 p = 0.816
time.since.baseline	−0.00004 t = −0.480 p = 0.634
EthnicityHispanic	0.017 t = 0.496 p = 0.623
Observations	52
R <sup>2</sup>	0.008
Adjusted R <sup>2</sup>	−0.032
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 66: PFDEA Change Score + Time Since Baseline (days) Models

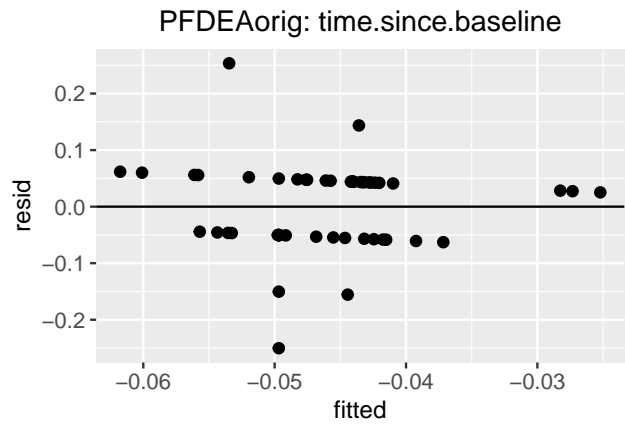
No points removed

Table 67: PFDEA Change Score + Time Since Baseline (days) Models

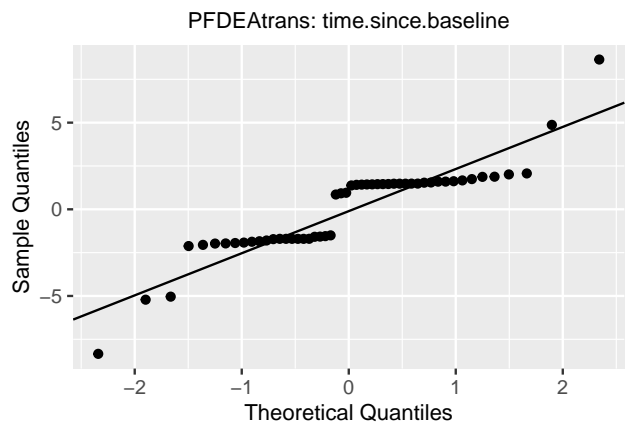
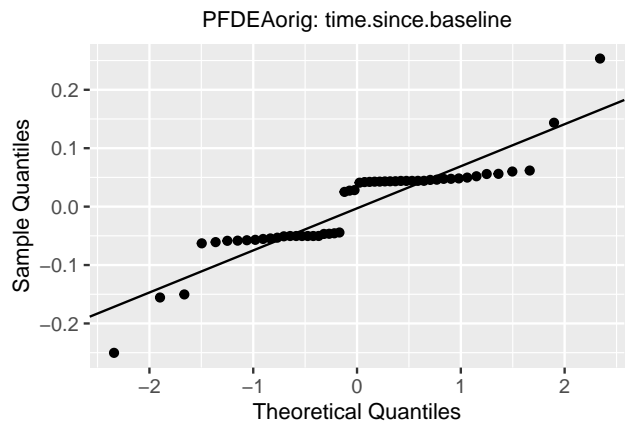
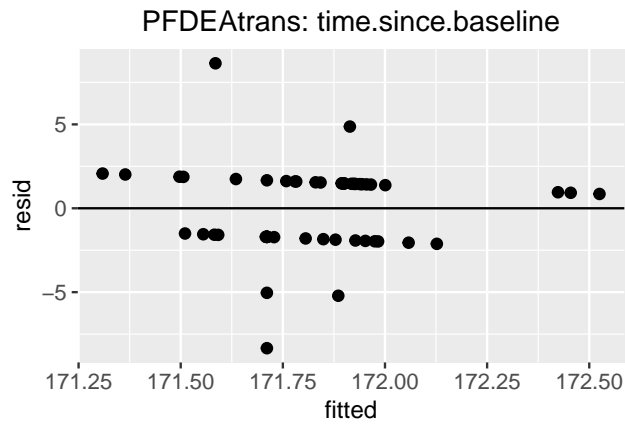
	<i>Dependent variable:</i>
	PFDEAtrans Orig outcome: all data
Constant	172.838 t = 75.855 p = 0.000***
time.since.baseline	−0.001 t = −0.474 p = 0.638
EthnicityHispanic	0.574 t = 0.489 p = 0.627
Observations	52
R <sup>2</sup>	0.008
Adjusted R <sup>2</sup>	−0.032
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 68: PFDEA Change Score + Time Since Baseline (days) Models

No points removed



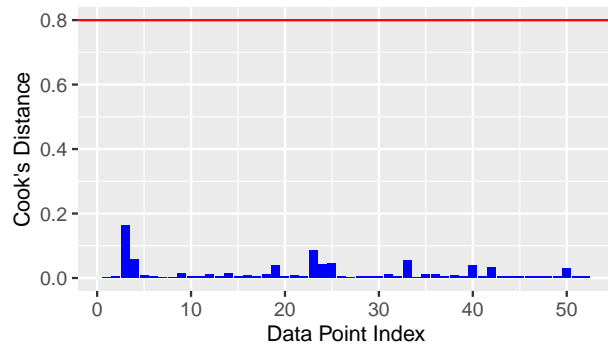
No points removed



[1] “No influential points removed”

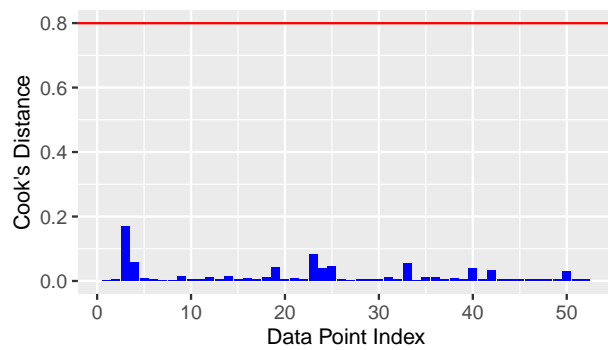


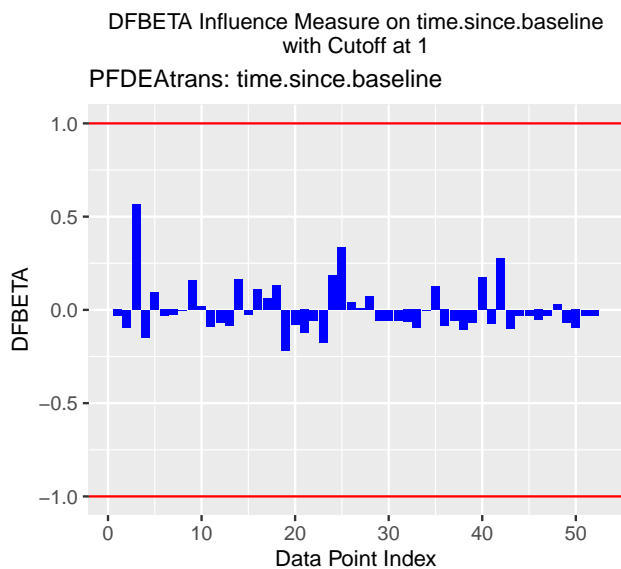
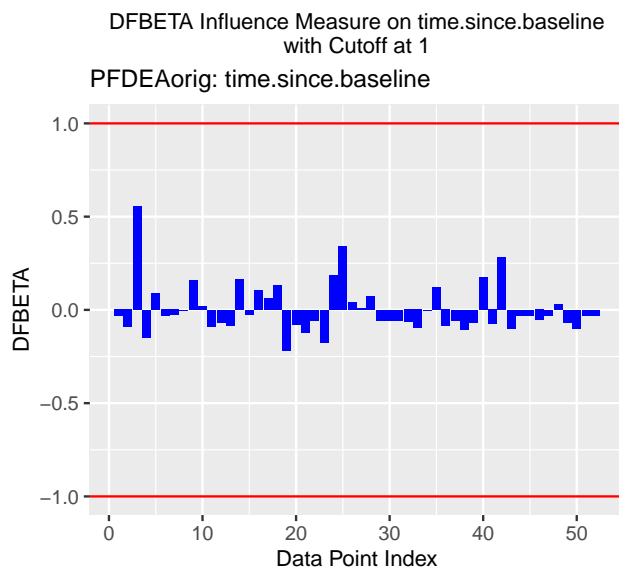
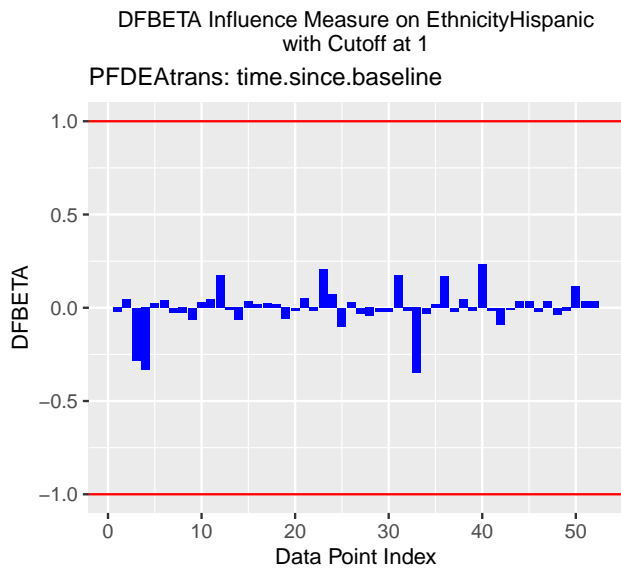
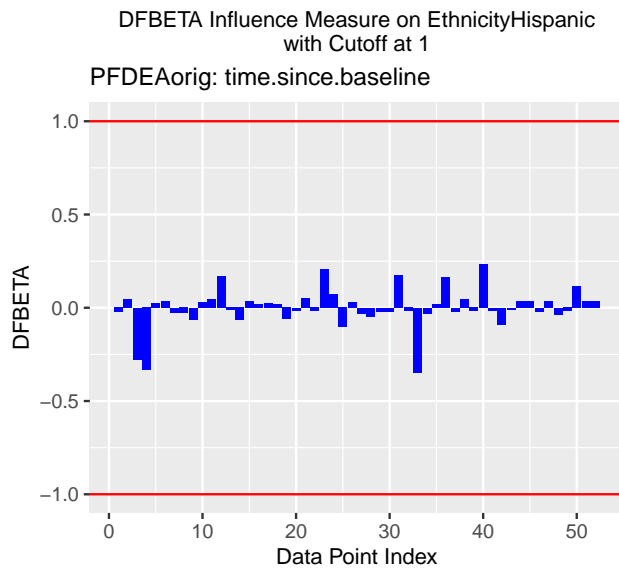
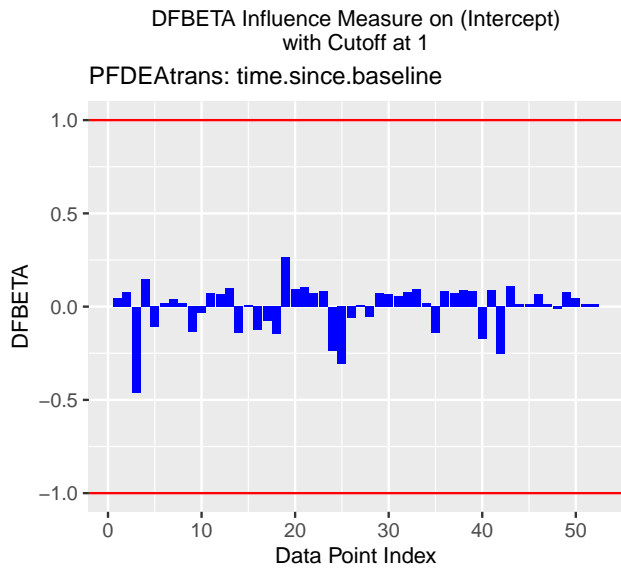
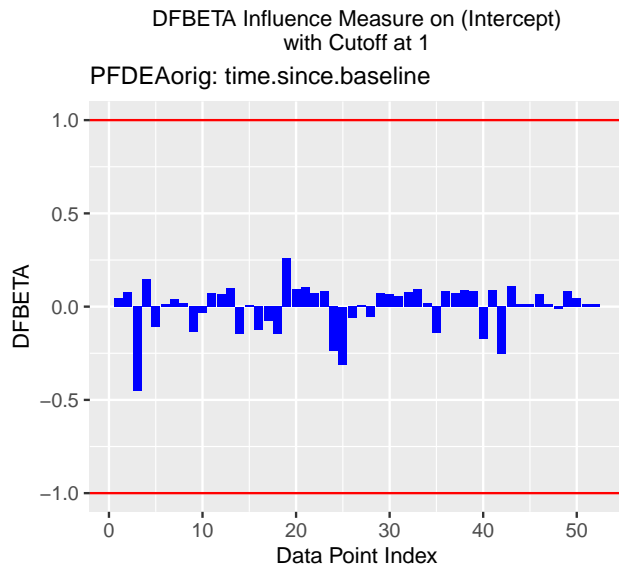
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distribution  
PFDEAorig: time.since.baseline original values

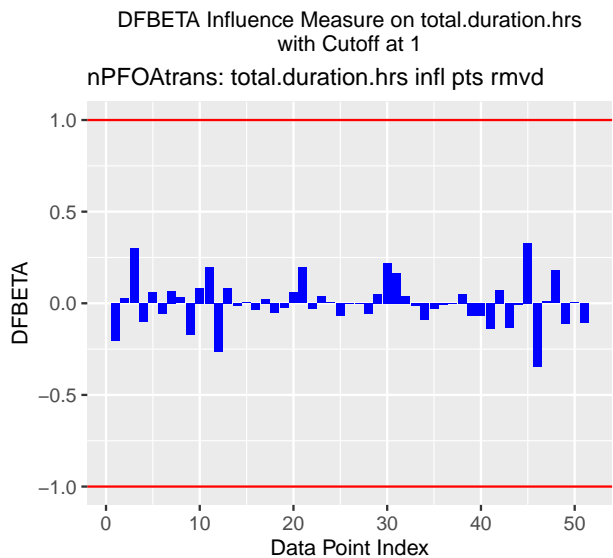
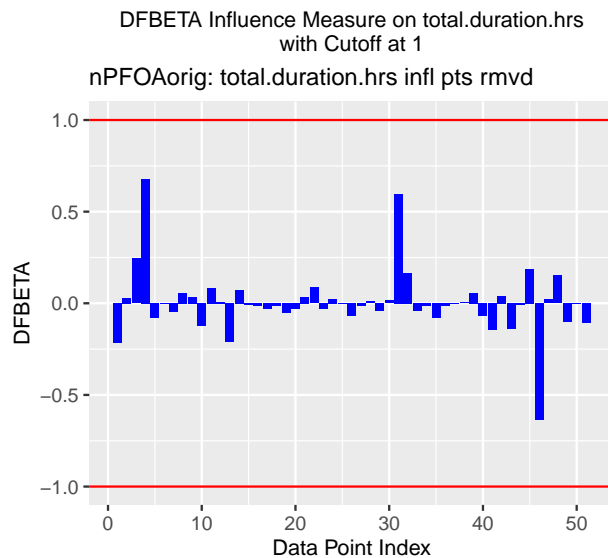
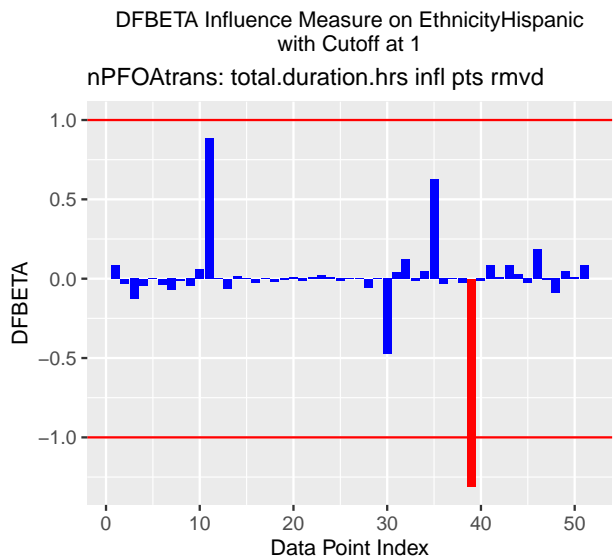
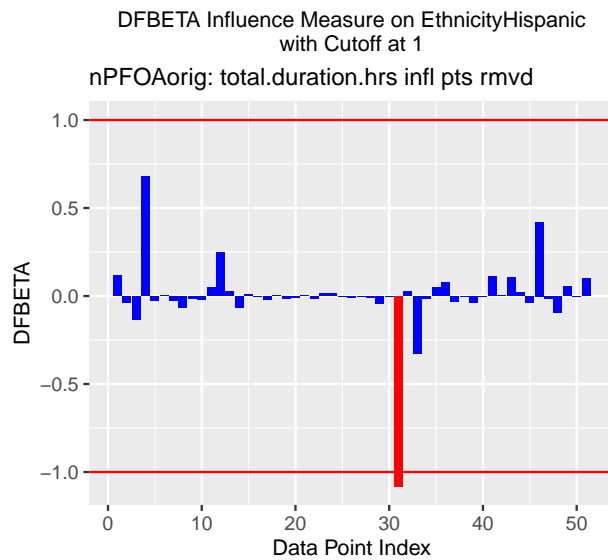
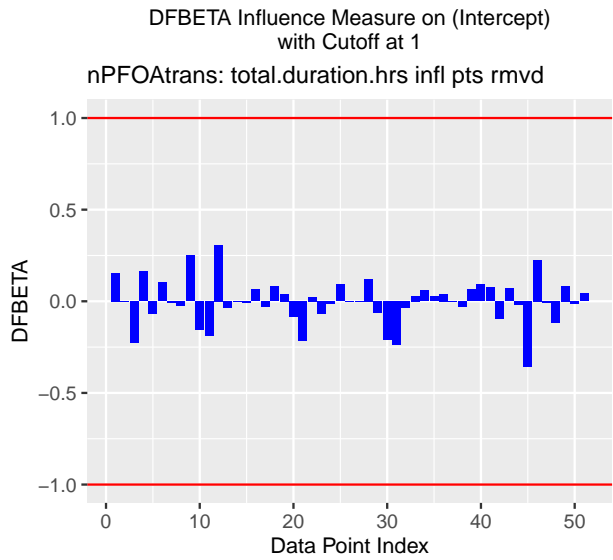
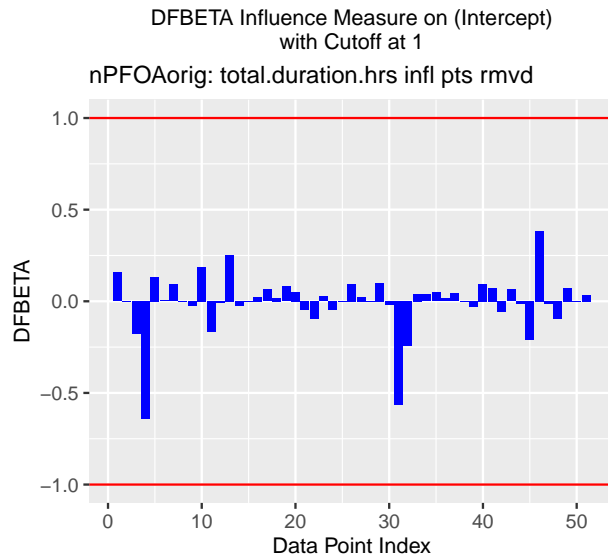


No influential points removed

Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distribution  
PFDEAtrans: time.since.baseline transformed values



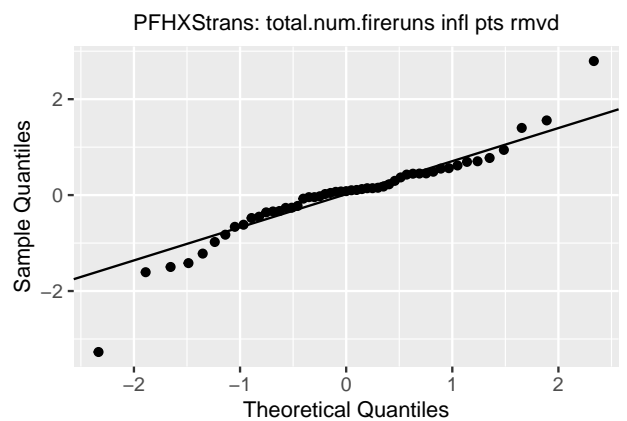
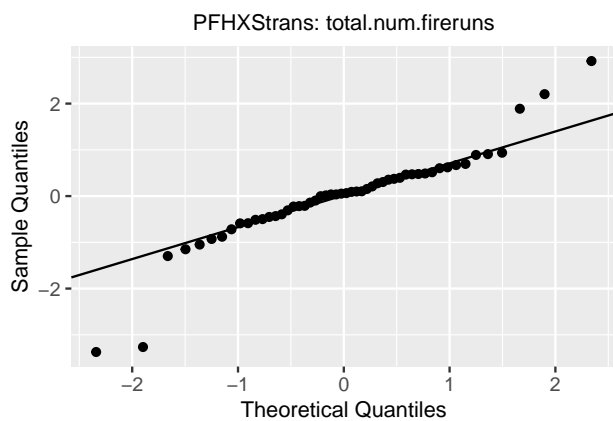
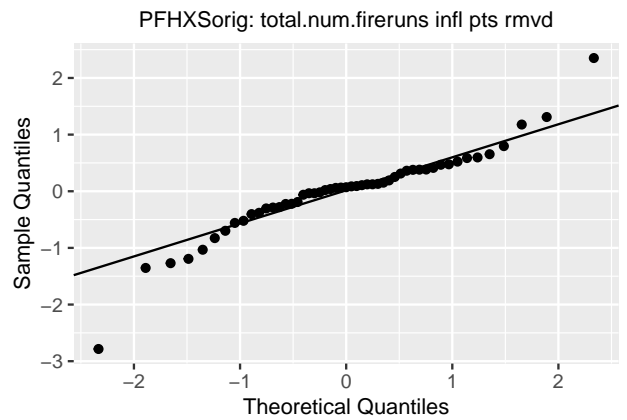
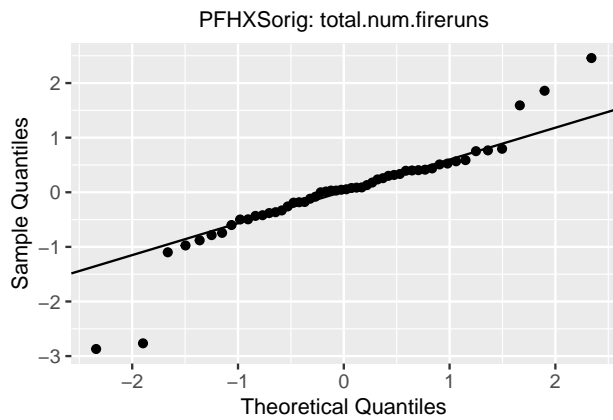
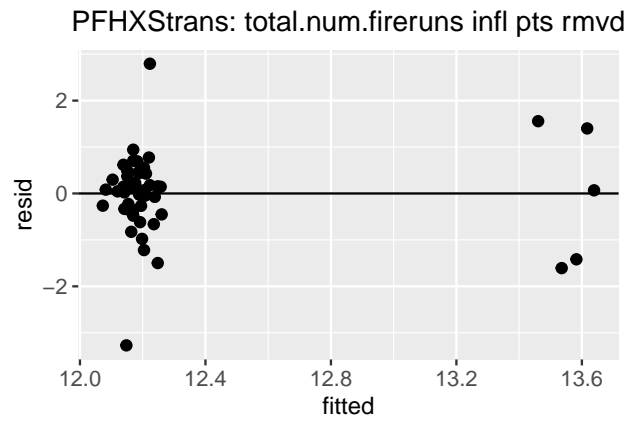
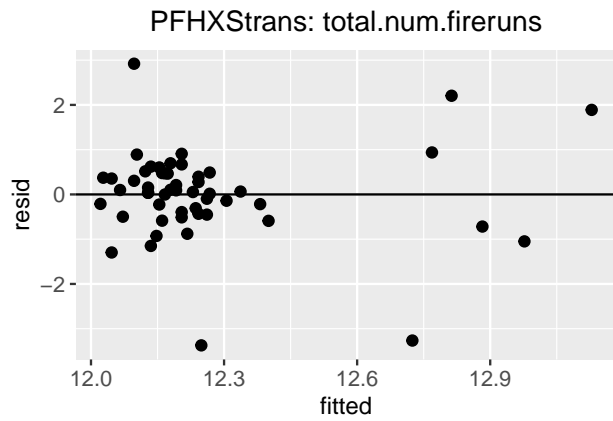
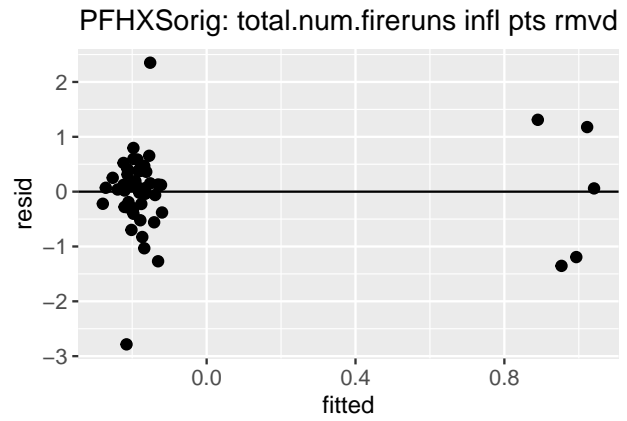
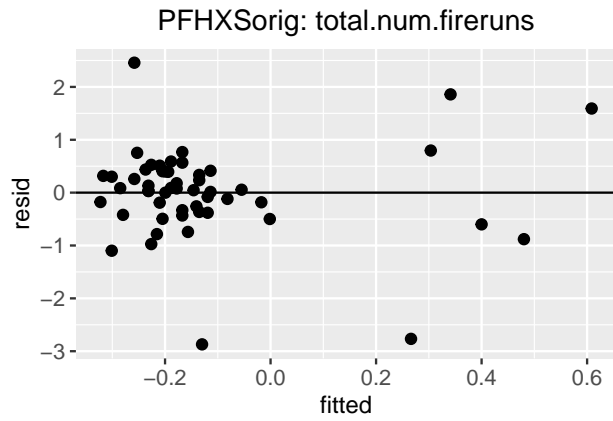




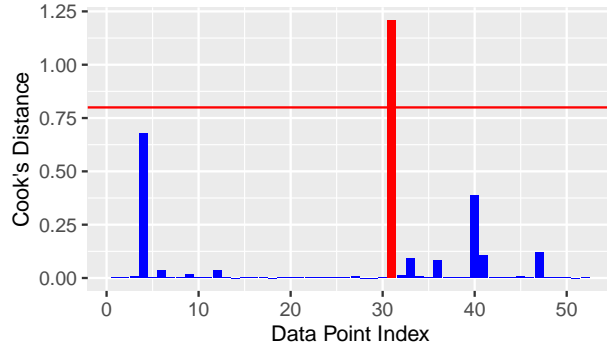
[1] “No influential DFBETA points” [1] “PFHXSorig” [1] “total.num.fireruns”

Table 69: PFHXS Change Score + Total Number of Fireruns Models

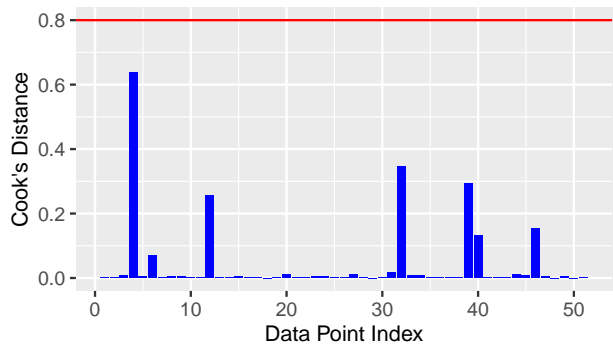
	<i>Dependent variable:</i>			
	PFHXSorig		PFHXStrans	
	Orig outcome: all data	Orig outcome: infl pts rmvd	Trans Outcome: all data	Trans Outcome: infl pts rmvd
	(1)	(2)	(3)	(4)
Constant	-0.440 t = -1.056 p = 0.297	-0.061 t = -0.164 p = 0.871	11.882 t = 24.118 p = 0.000***	12.329 t = 27.845 p = 0.000***
total.num.fireruns	0.005 t = 0.639 p = 0.526	-0.003 t = -0.352 p = 0.727	0.006 t = 0.639 p = 0.527	-0.003 t = -0.351 p = 0.728
EthnicityHispanic	0.514 t = 1.285 p = 0.205	1.216 t = 3.135 p = 0.003***	0.615 t = 1.301 p = 0.200	1.444 t = 3.146 p = 0.003***
Observations	52	51	52	51
R <sup>2</sup>	0.053	0.180	0.054	0.181
Adjusted R <sup>2</sup>	0.015	0.146	0.016	0.147
<i>Note:</i>			*p<0.1; **p<0.05; ***p<0.01	



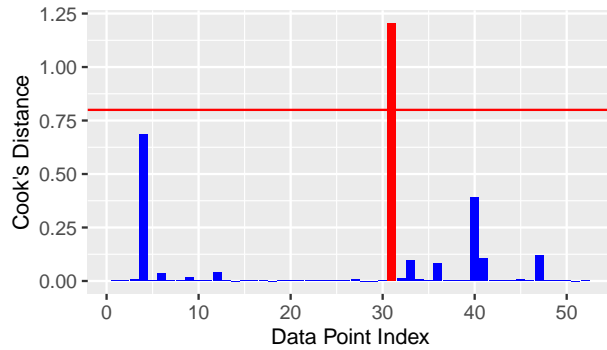
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distrib  
PFHXSorig: total.num.fireruns original values



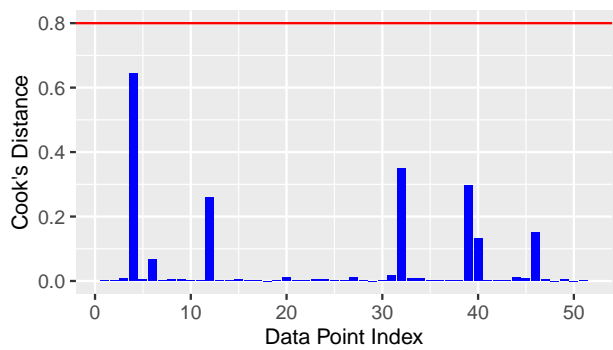
Cook's Distance with Cutoff at 50% Percentile of F(3, 48) Distrib  
PFHXSorig: total.num.fireruns Infl pts rmvd

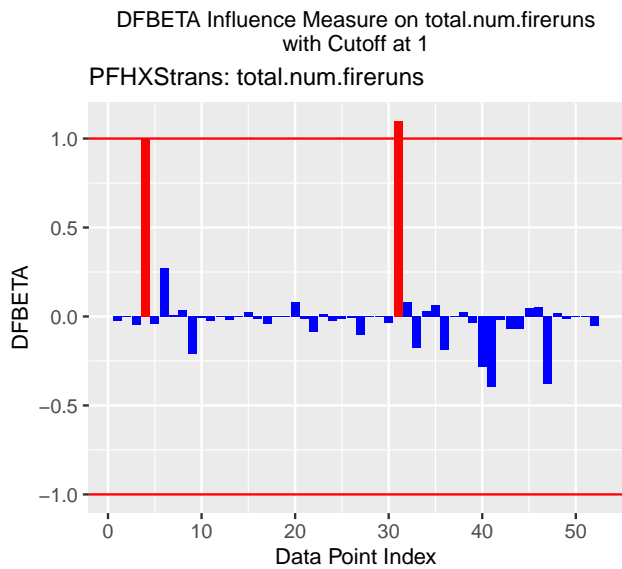
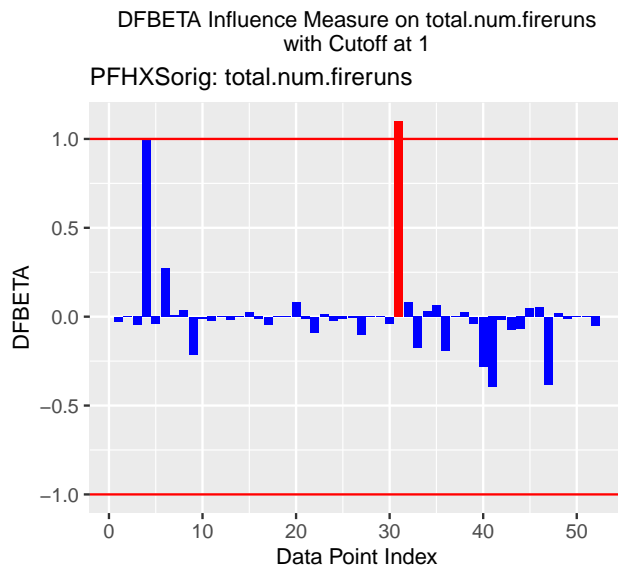
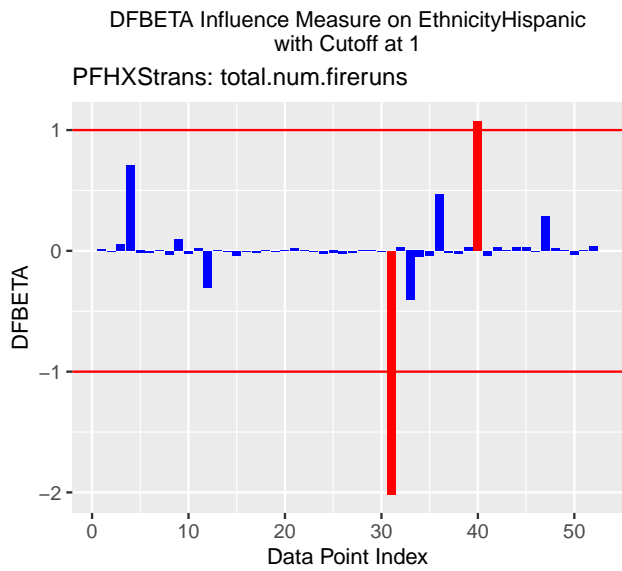
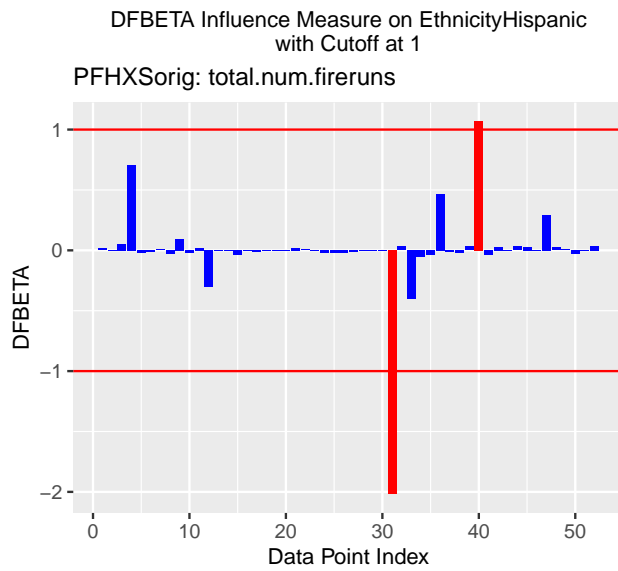
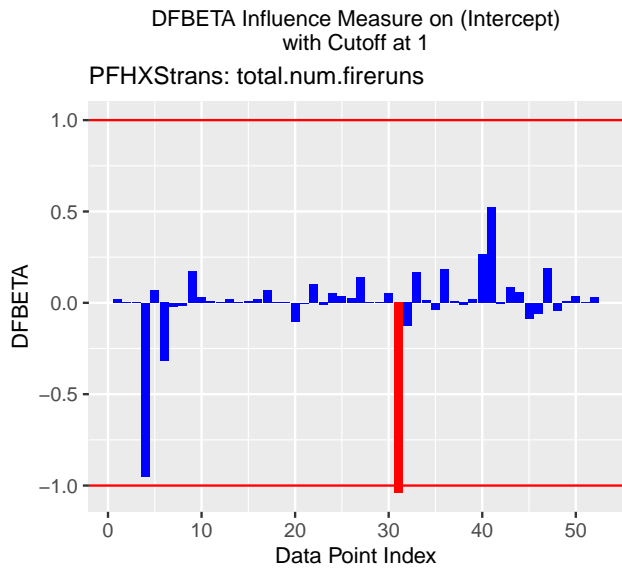
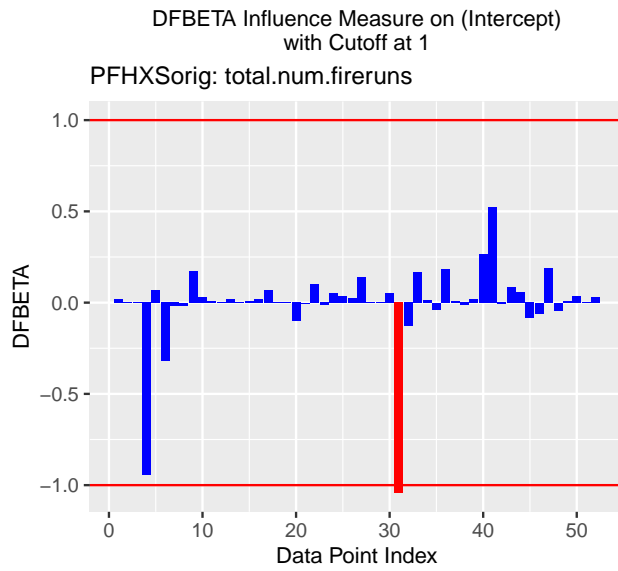


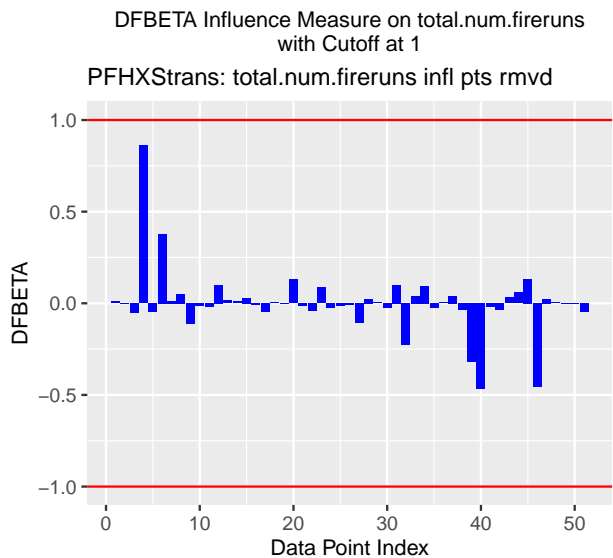
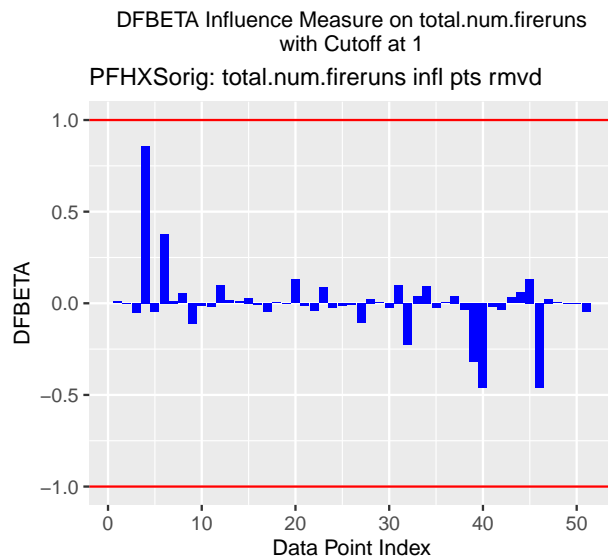
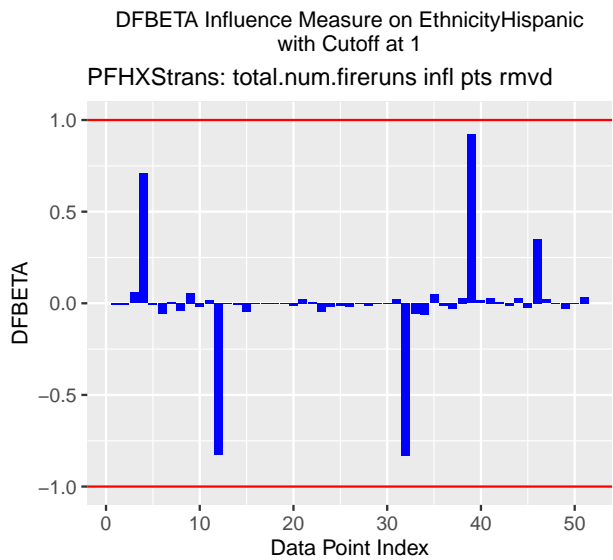
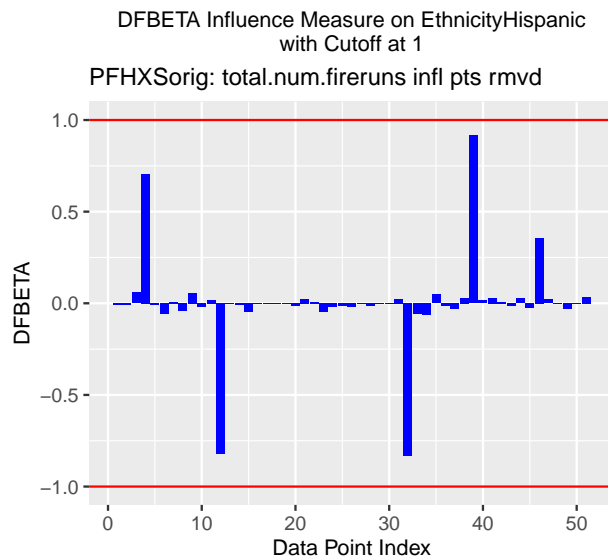
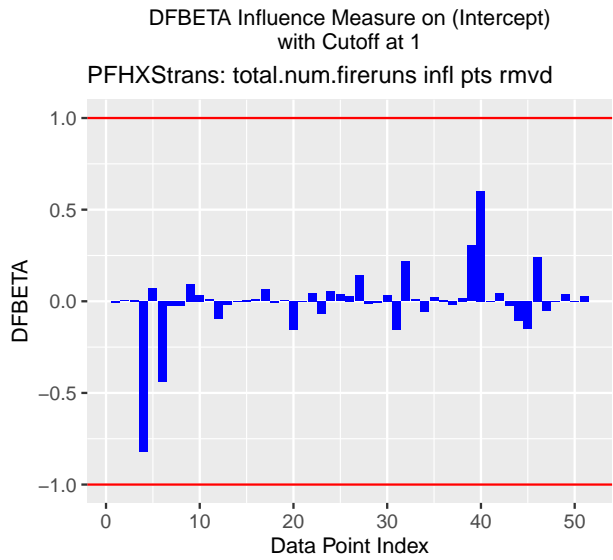
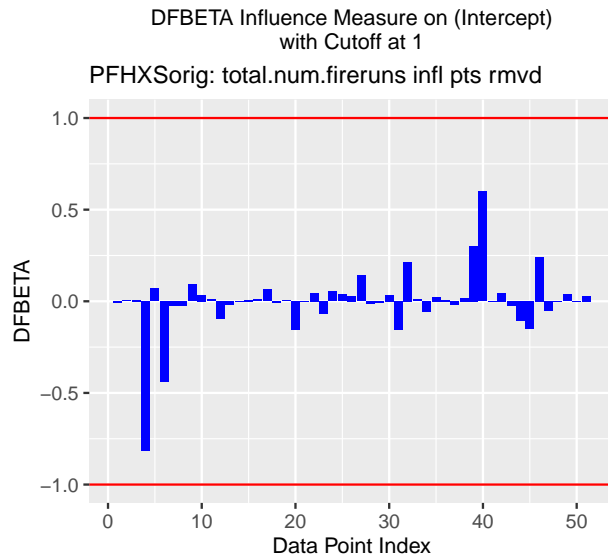
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distrib  
PFHXStrans: total.num.fireruns transformed values



Cook's Distance with Cutoff at 50% Percentile of F(3, 48) Distrib  
PFHXStrans: total.num.fireruns Infl pts rmvd









	Parameter	Original.Model.Indices	Transformed.Model.Indices
1	Intercept	31	
2	Intercept – Points Removed	31	
3	Exposure		
4	Exposure – Points Removed		
5	Ethnicity Hispanic	31, 40	
6	Ethnicity Hispanic – Points Removed	31, 40	

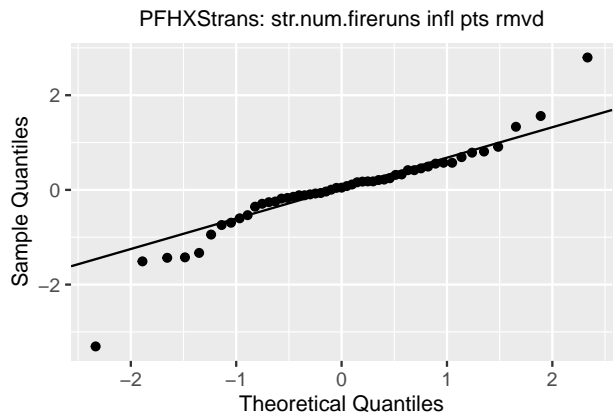
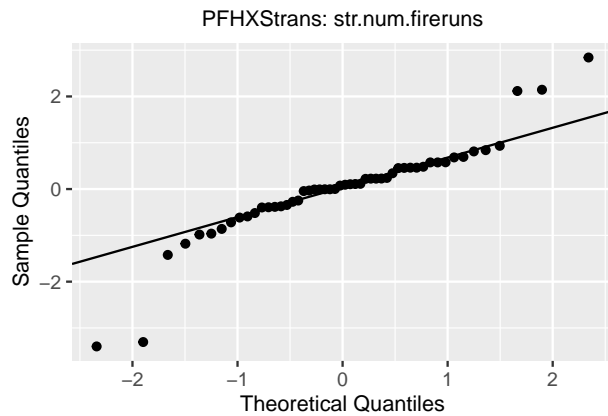
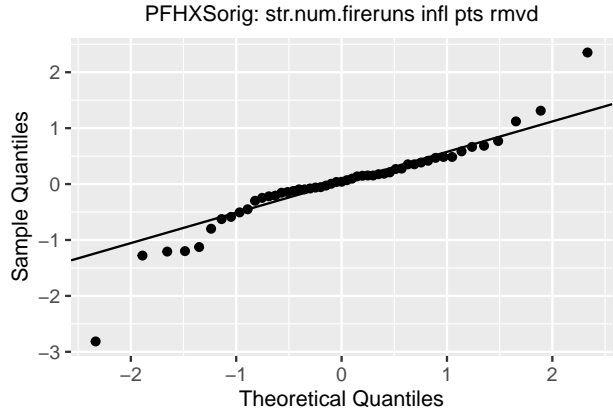
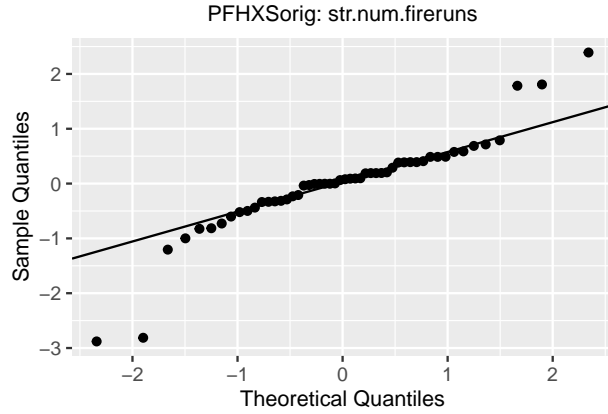
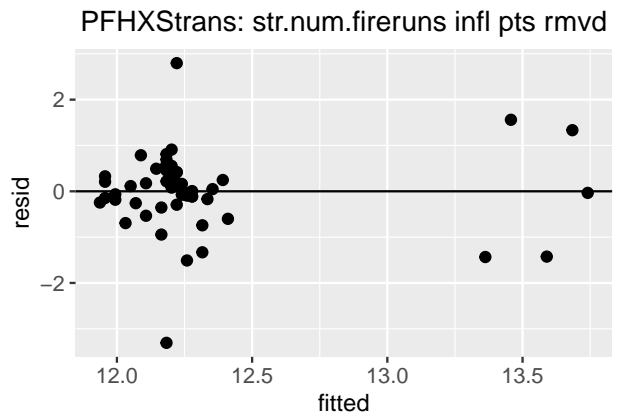
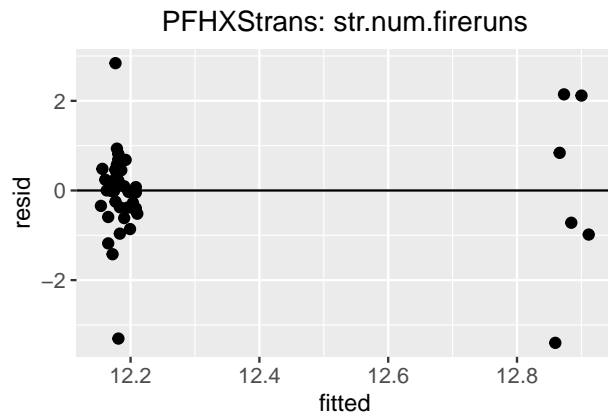
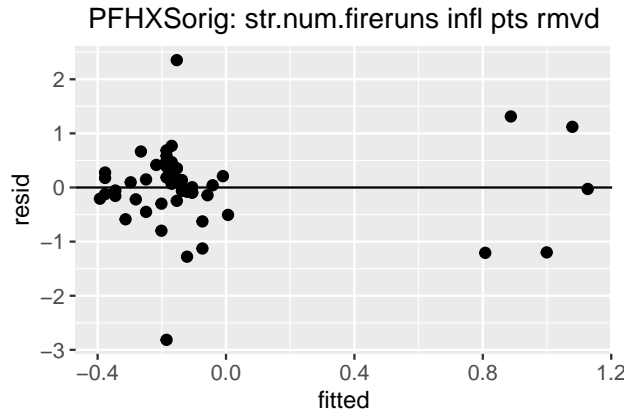
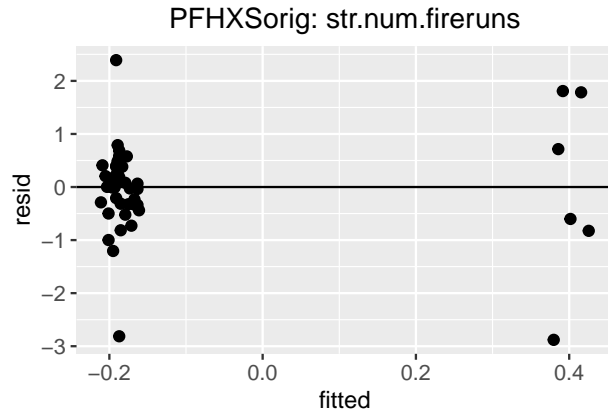
TableGrob (1 x 1) “arrange”: 1 grobs z cells name grob 1 1 (1-1,1-1) arrange gtable[rowhead-fg] [1]  
“str.num.fireruns”

Table 70: PFHXS Change Score + Total Number of Structural Fireruns Models

	<i>Dependent variable:</i>			
	PFHXSorig		PFHXStrans	
	Orig outcome: all data (1)	Orig outcome: infl pts rmvd (2)	Trans Outcome: all data (3)	Trans Outcome: infl pts rmvd (4)
Constant	−0.219 t = −0.646 p = 0.522	0.070 t = 0.234 p = 0.816	12.145 t = 30.308 p = 0.000***	12.486 t = 35.266 p = 0.000***
str.num.fireruns	0.002 t = 0.102 p = 0.919	−0.016 t = −0.927 p = 0.359	0.002 t = 0.098 p = 0.923	−0.019 t = −0.929 p = 0.358
EthnicityHispanic	0.573 t = 1.403 p = 0.167	1.312 t = 3.351 p = 0.002***	0.685 t = 1.420 p = 0.162	1.558 t = 3.364 p = 0.002***
Observations	52	51	52	51
R <sup>2</sup>	0.046	0.192	0.046	0.194
Adjusted R <sup>2</sup>	0.007	0.159	0.008	0.160

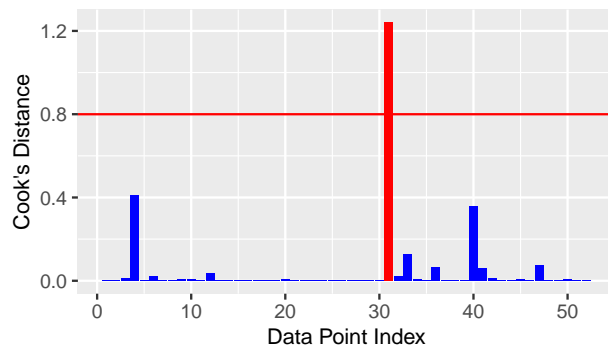
*Note:*

\*p<0.1; \*\*p<0.05; \*\*\*p<0.01



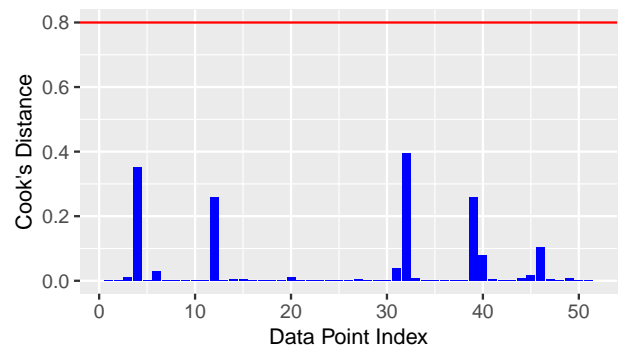
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distrib

PFHXSort: str.num.fireruns original values



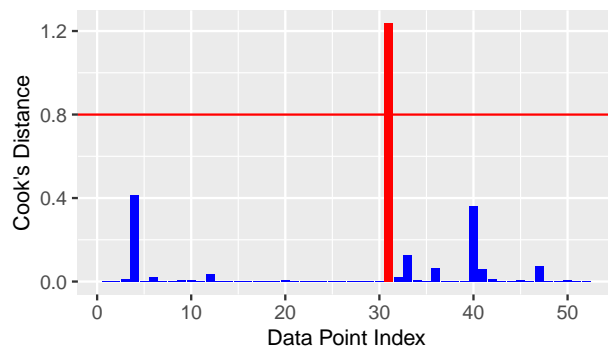
Cook's Distance with Cutoff at 50% Percentile of F(3, 48) Distrib

PFHXSort: str.num.fireruns Infl pts rmvd



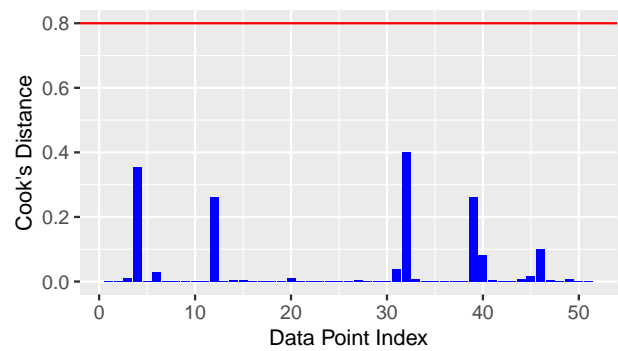
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distrib

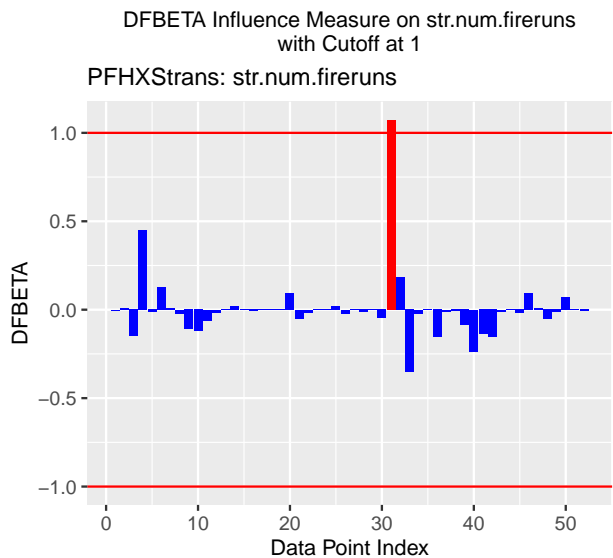
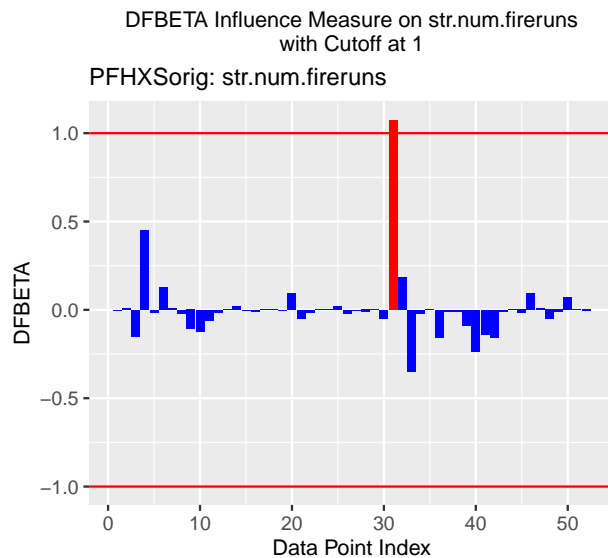
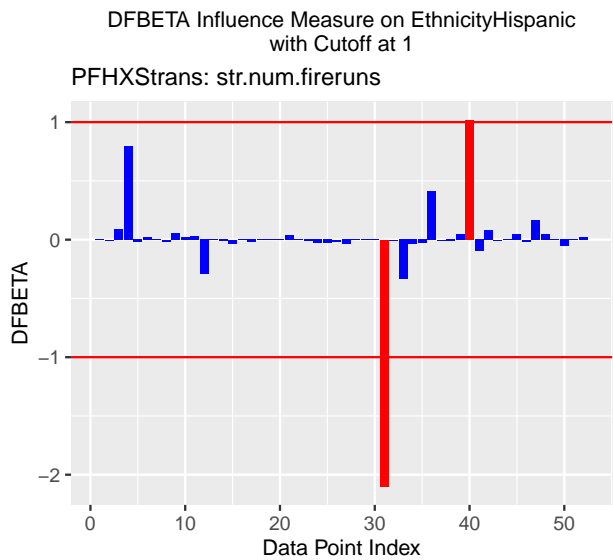
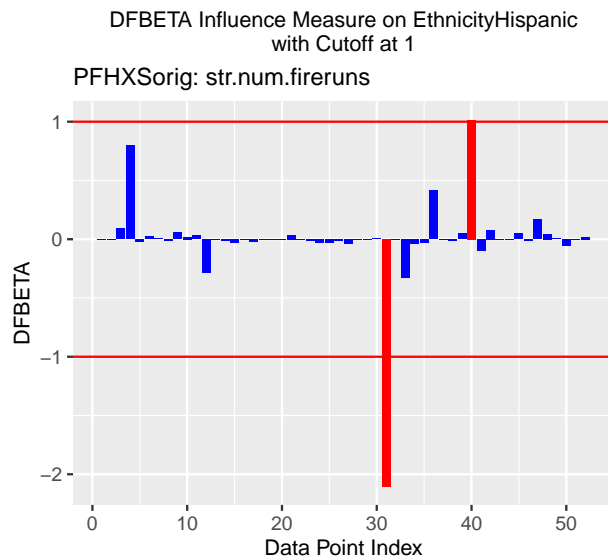
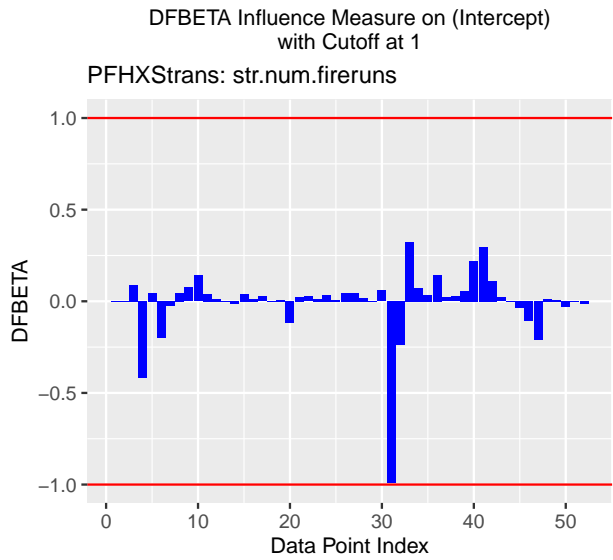
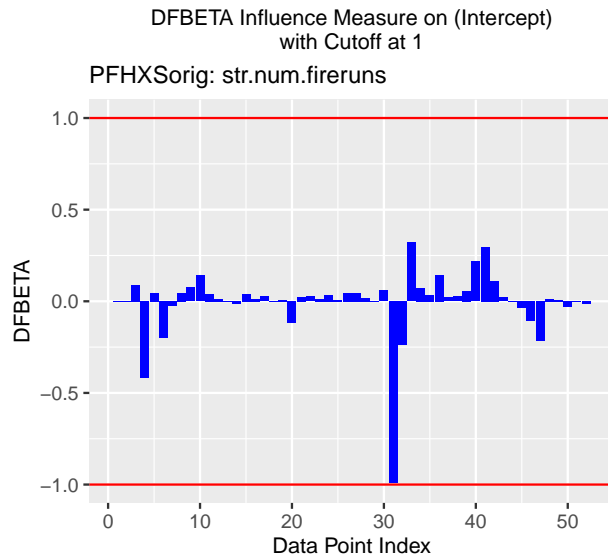
PFHXStrans: str.num.fireruns transformed values

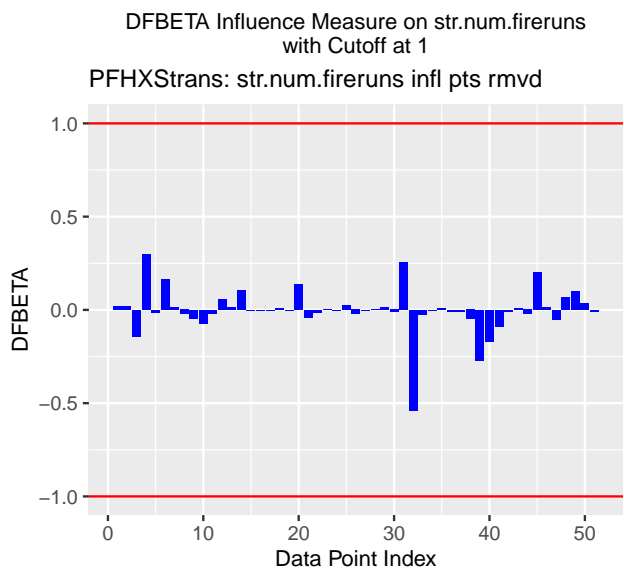
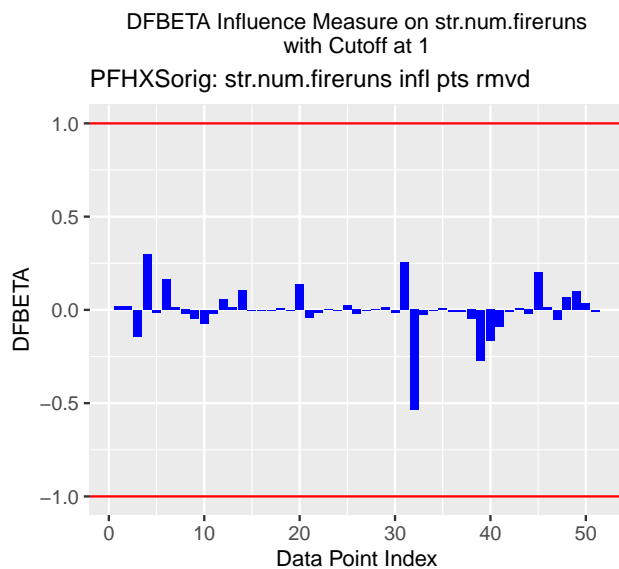
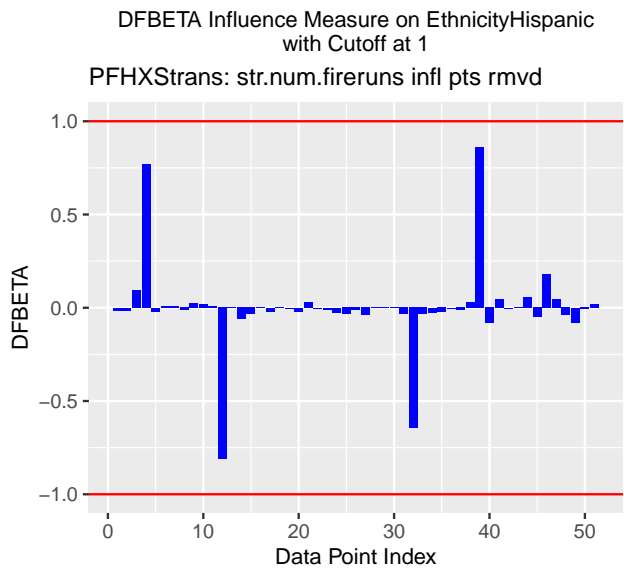
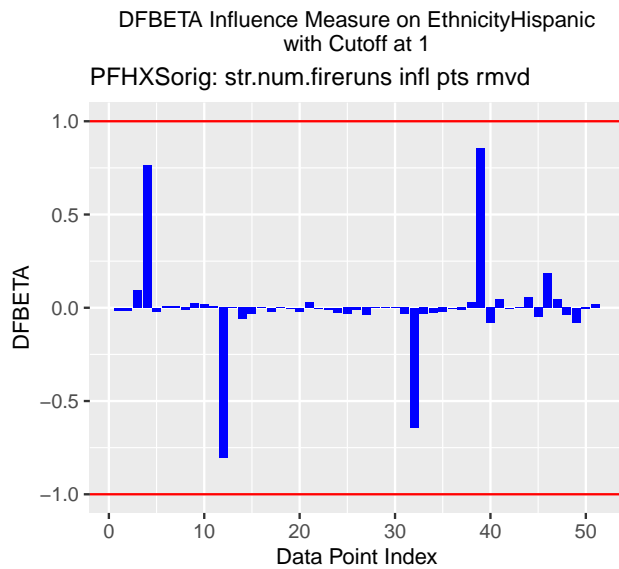
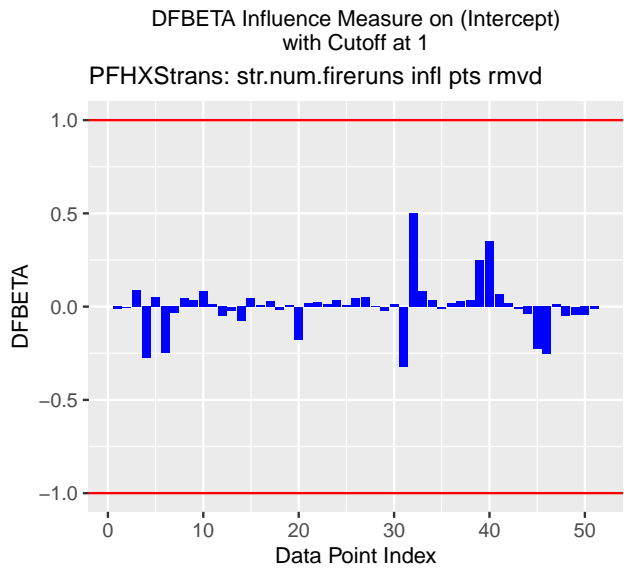
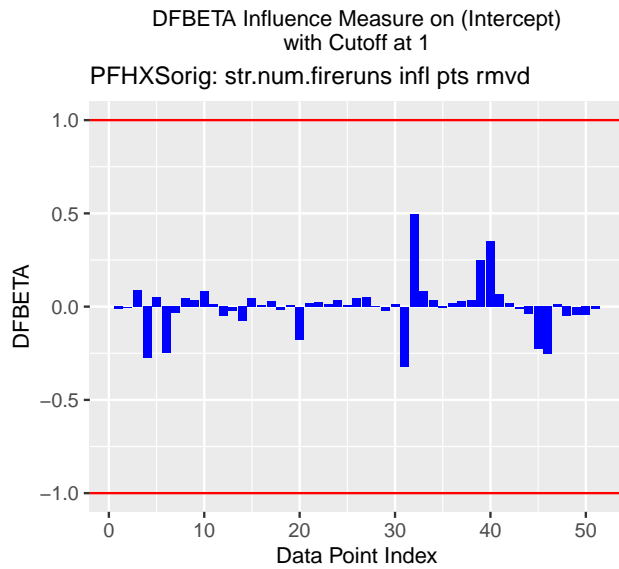


Cook's Distance with Cutoff at 50% Percentile of F(3, 48) Distrib

PFHXStrans: str.num.fireruns Infl pts rmvd





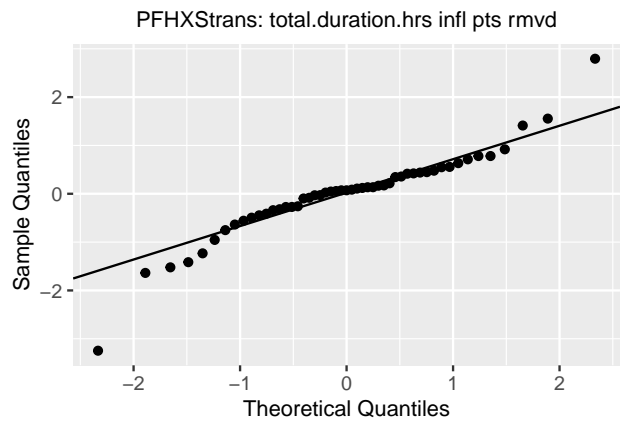
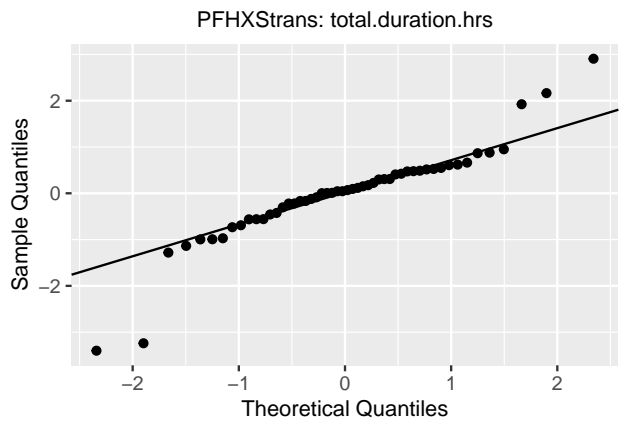
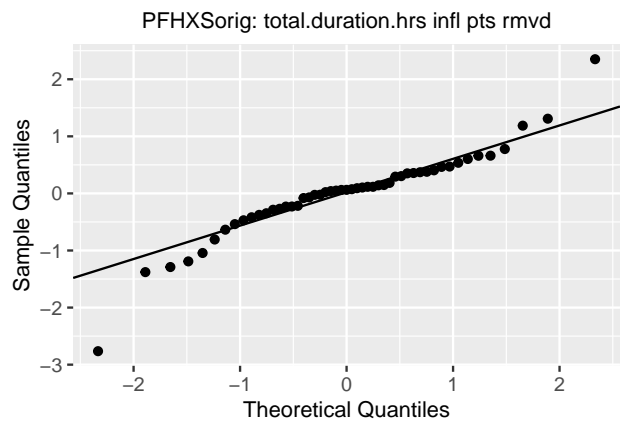
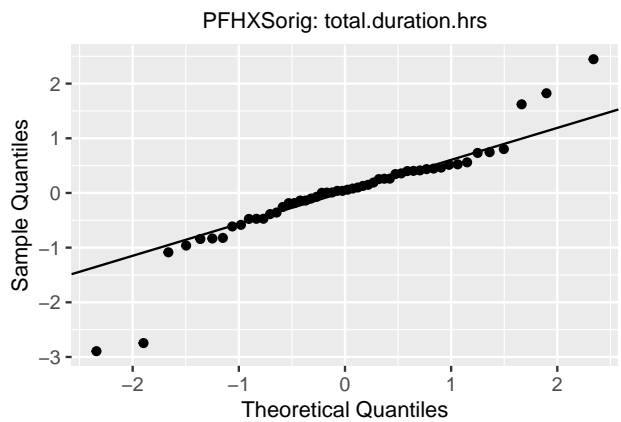
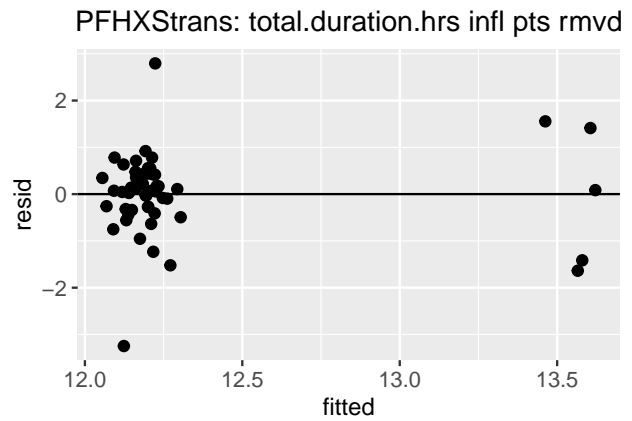
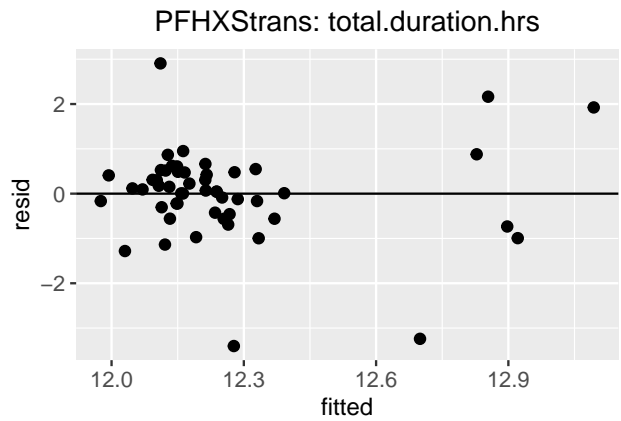
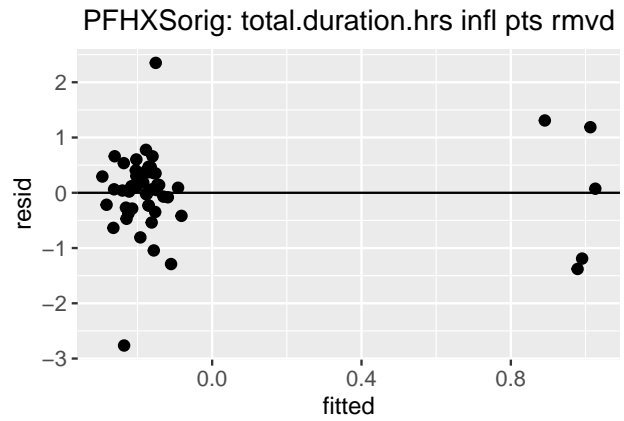
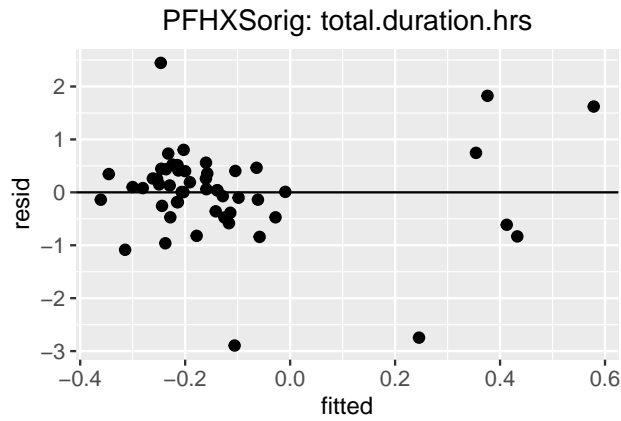


	<b>Parameter</b>	<b>Original.Model.Indices</b>	<b>Transformed.Model.Indices</b>
1	Intercept		
2	Intercept – Points Removed		
3	Exposure		
4	Exposure – Points Removed		
5	Ethnicity Hispanic	31, 40	
6	Ethnicity Hispanic – Points Removed	31, 40	

TableGrob (1 x 1) “arrange”: 1 grobs z cells name grob 1 1 (1-1,1-1) arrange gtable[rowhead-fg] [1]  
“total.duration.hrs”

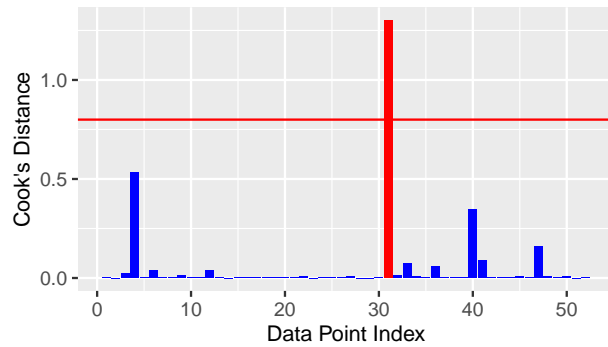
Table 71: PFHXS Change Score + Models

	<i>Dependent variable:</i>			
	PFHXSSorig		PFHXSStrans	
	Orig outcome: all data	Orig outcome: infl pts rmvd	Trans Outcome: all data	Trans Outcome: infl pts rmvd
	(1)	(2)	(3)	(4)
Constant	−0.442 t = −1.095 p = 0.279	−0.034 t = −0.092 p = 0.928	11.880 t = 24.923 p = 0.000***	12.361 t = 28.657 p = 0.000***
total.duration.hrs	0.010 t = 0.667 p = 0.508	−0.006 t = −0.443 p = 0.661	0.012 t = 0.668 p = 0.508	−0.007 t = −0.439 p = 0.663
EthnicityHispanic	0.490 t = 1.196 p = 0.238	1.244 t = 3.101 p = 0.004***	0.586 t = 1.211 p = 0.232	1.476 t = 3.111 p = 0.004***
Observations	52	51	52	51
R <sup>2</sup>	0.054	0.181	0.055	0.182
Adjusted R <sup>2</sup>	0.015	0.147	0.016	0.148
<i>Note:</i>			*p<0.1; **p<0.05; ***p<0.01	

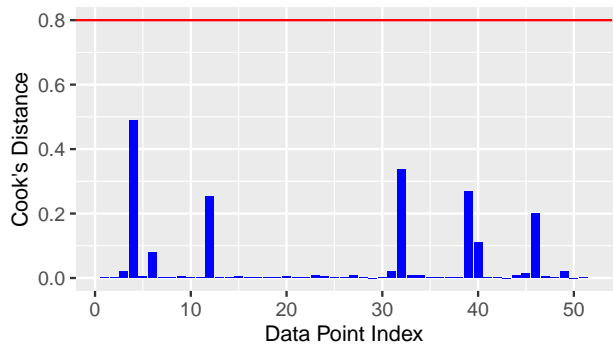




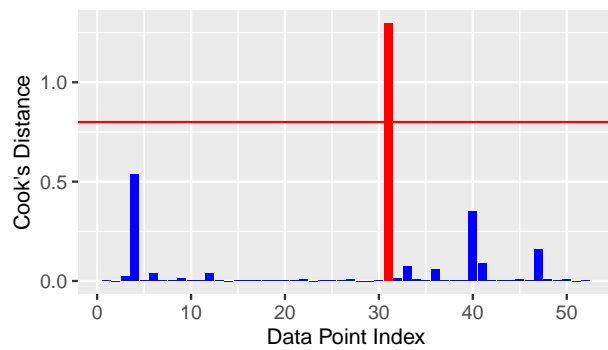
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distrib  
PFHXSorig: total.duration.hrs original values



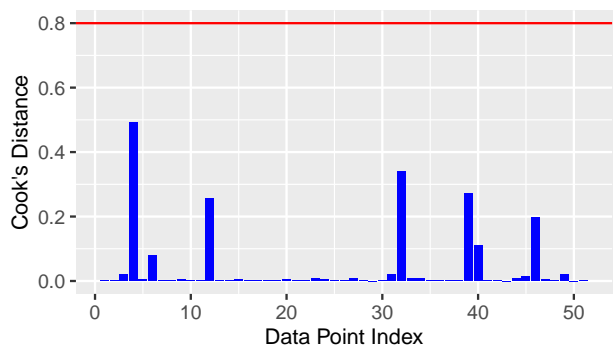
Cook's Distance with Cutoff at 50% Percentile of F(3, 48) Distrib  
PFHXSorig: total.duration.hrs Infl pts rmvd

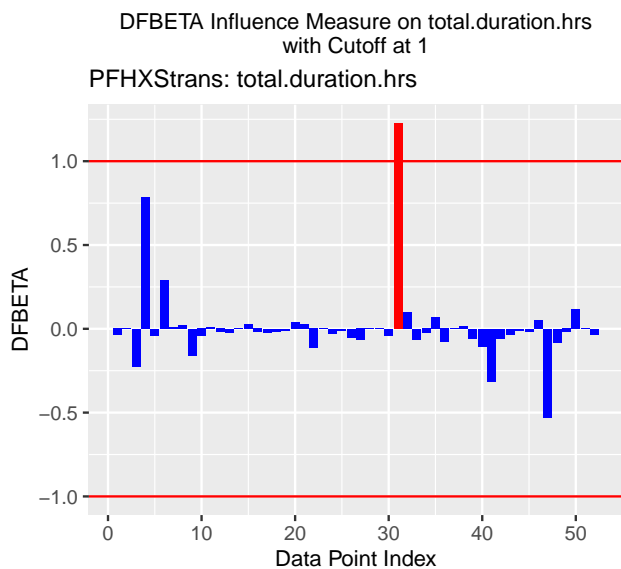
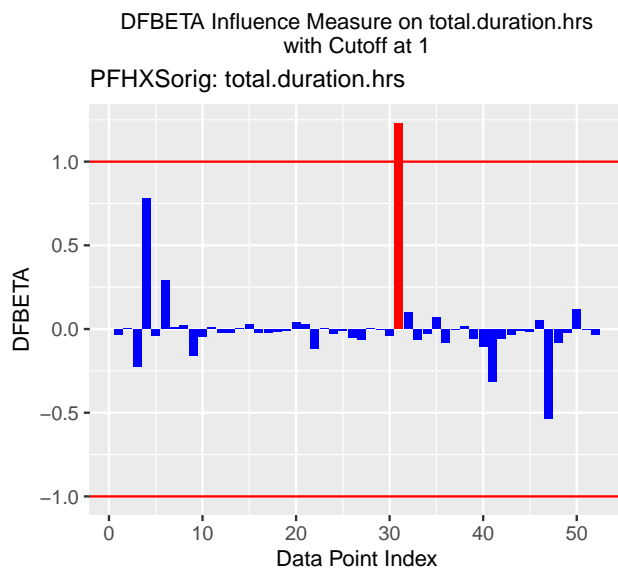
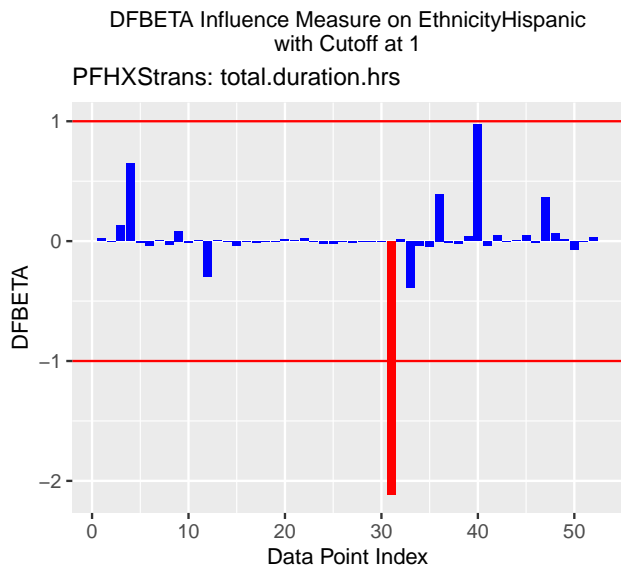
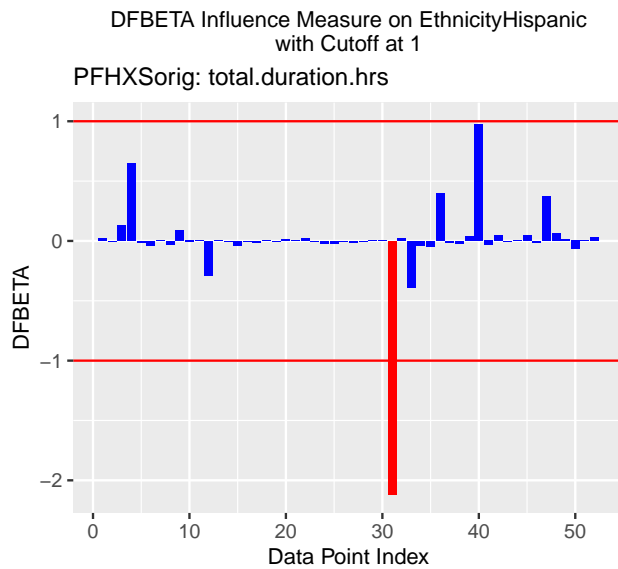
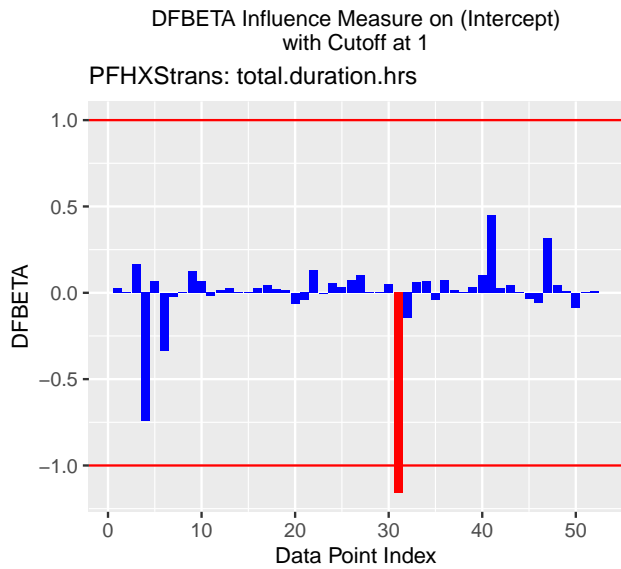
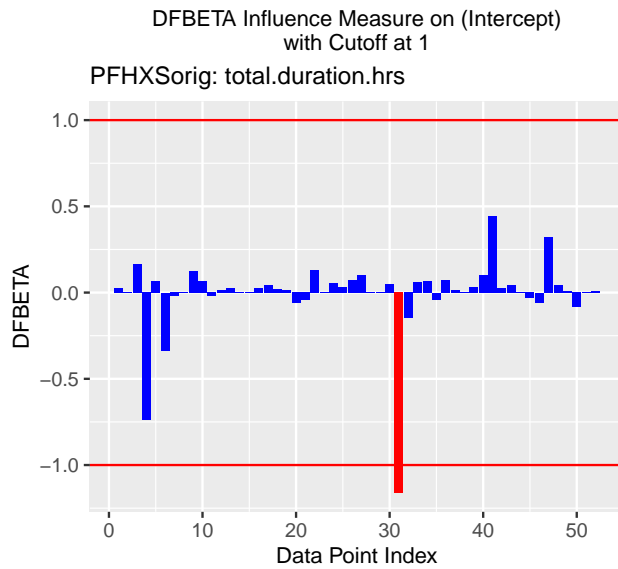


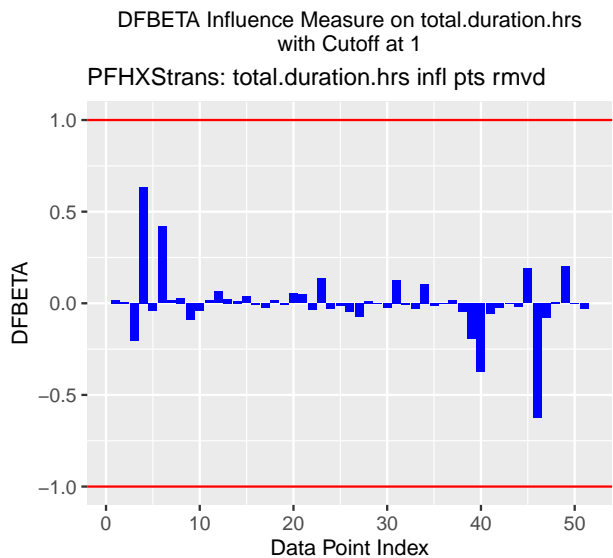
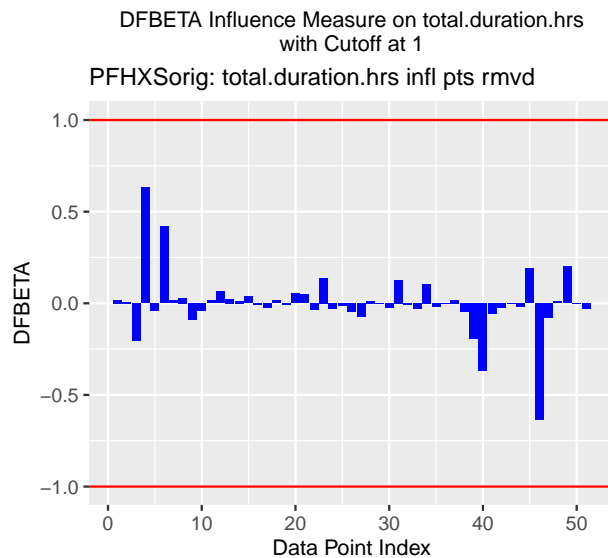
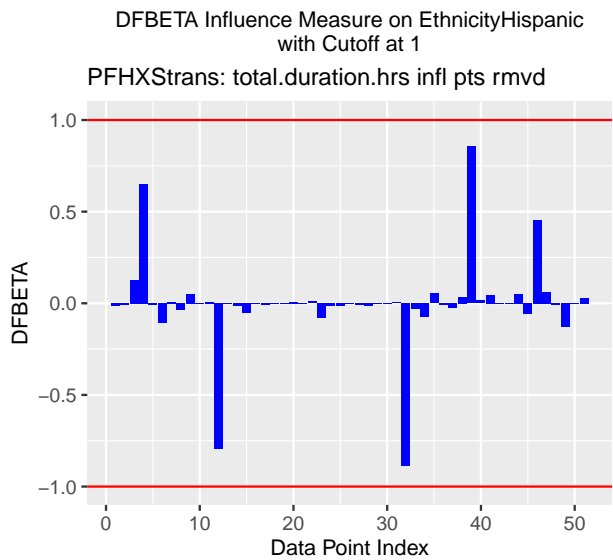
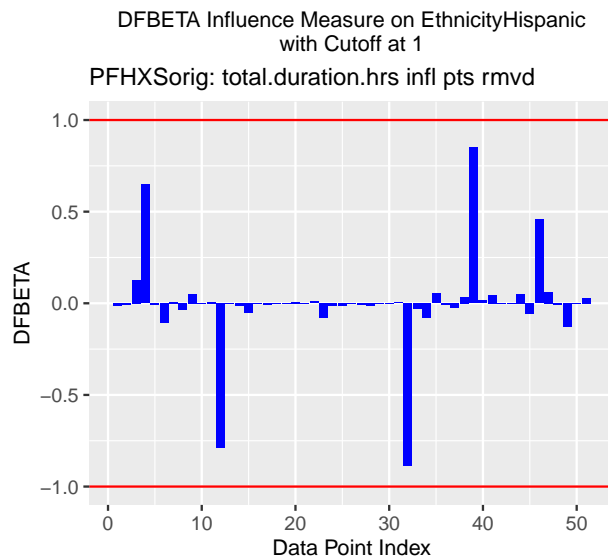
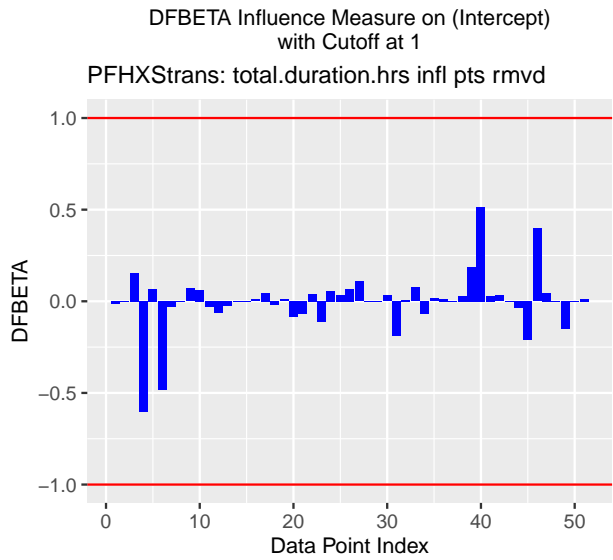
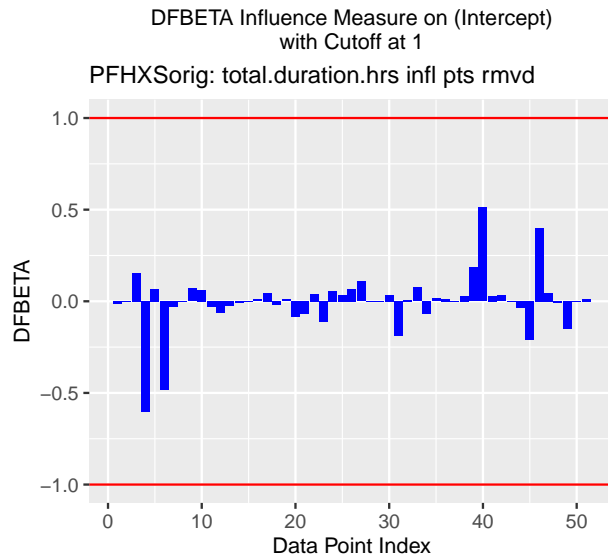
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distrib  
PFHXStrans: total.duration.hrs transformed values



Cook's Distance with Cutoff at 50% Percentile of F(3, 48) Distrib  
PFHXStrans: total.duration.hrs Infl pts rmvd







	Parameter	Original.Model.Indices	Transformed.Model.Indices
1	Intercept	31	
2	Intercept – Points Removed	31	
3	Exposure		
4	Exposure – Points Removed		
5	Ethnicity Hispanic	31	
6	Ethnicity Hispanic – Points Removed	31	

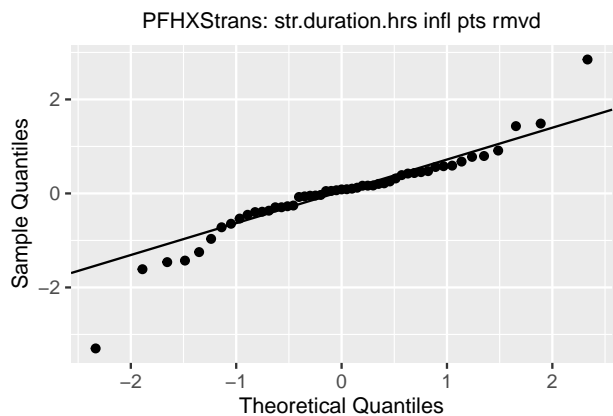
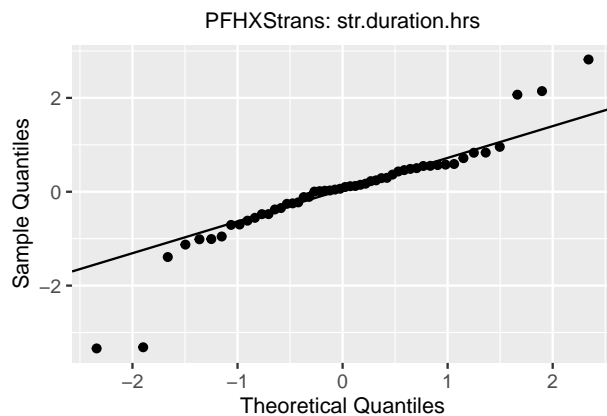
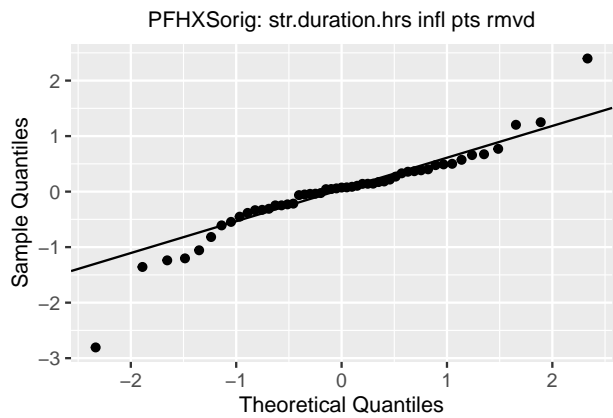
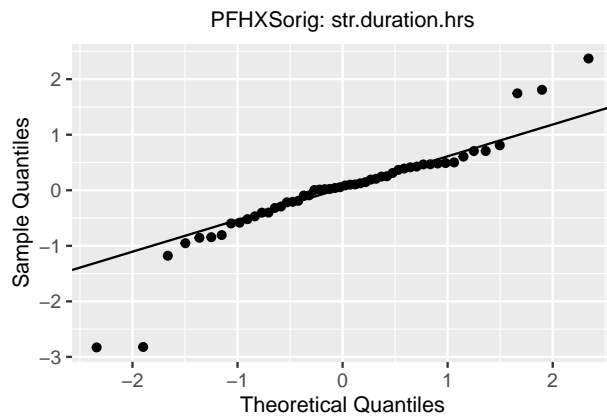
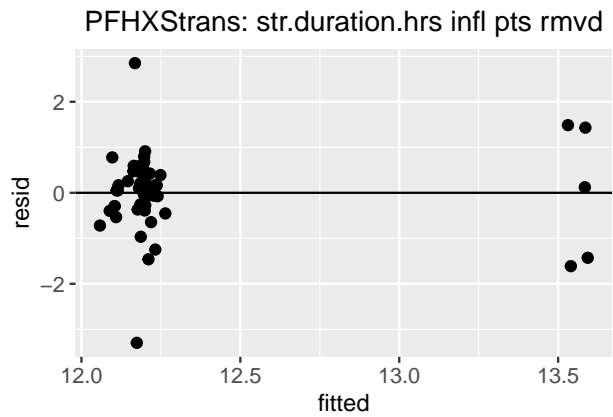
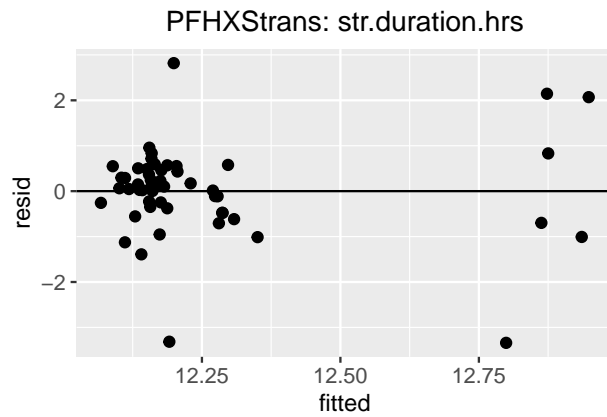
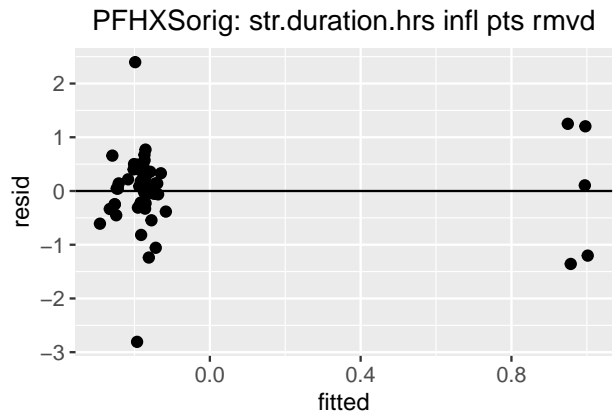
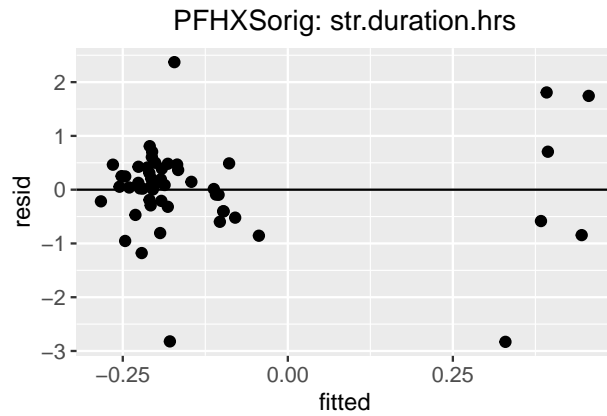
TableGrob (1 x 1) “arrange”: 1 grobs z cells name grob 1 1 (1-1,1-1) arrange gtable[rowhead-fg] [1]  
“str.duration.hrs”

Table 72: PFHXS Change Score + Models

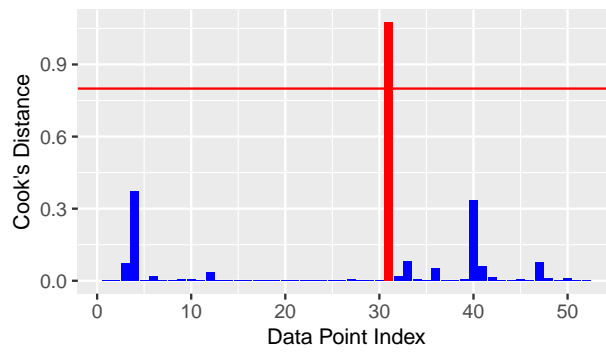
	<i>Dependent variable:</i>			
	PFHXSorig		PFHXStrans	
	Orig outcome: all data (1)	Orig outcome: infl pts rmvd (2)	Trans Outcome: all data (3)	Trans Outcome: infl pts rmvd (4)
Constant	−0.305 t = −1.001 p = 0.322	−0.101 t = −0.373 p = 0.711	12.041 t = 33.409 p = 0.000***	12.283 t = 38.554 p = 0.000***
str.duration.hrs	0.009 t = 0.429 p = 0.670	−0.007 t = −0.354 p = 0.726	0.011 t = 0.429 p = 0.670	−0.008 t = −0.352 p = 0.727
EthnicityHispanic	0.515 t = 1.230 p = 0.225	1.230 t = 3.052 p = 0.004***	0.616 t = 1.244 p = 0.220	1.460 t = 3.063 p = 0.004***
Observations	52	51	52	51
R <sup>2</sup>	0.049	0.180	0.050	0.181
Adjusted R <sup>2</sup>	0.010	0.146	0.011	0.147

*Note:*

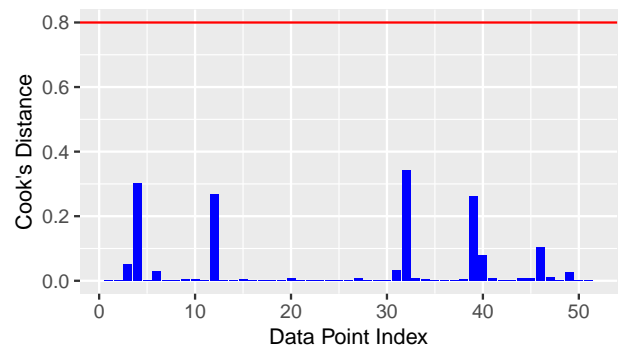
\*p<0.1; \*\*p<0.05; \*\*\*p<0.01



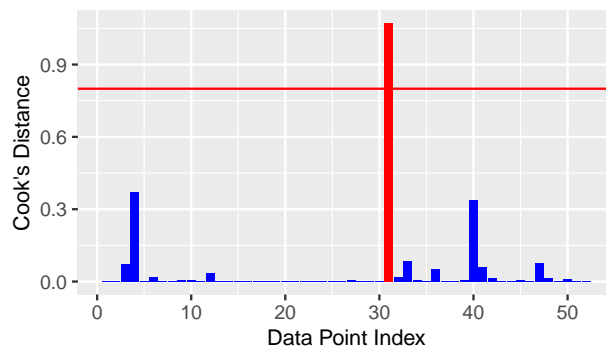
Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distrib  
PFHXSort: str.duration.hrs original values



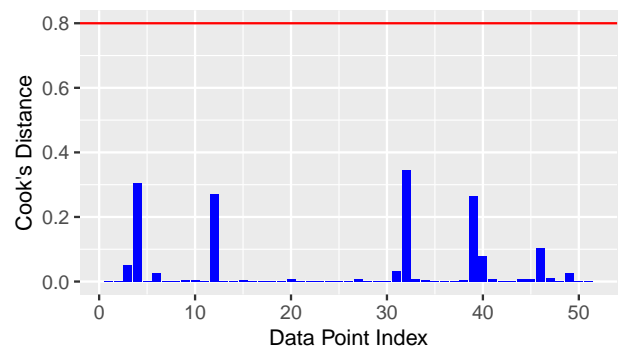
Cook's Distance with Cutoff at 50% Percentile of  $F(3, 48)$  Distrib  
PFHXSort: str.duration.hrs Infl pts rmvd

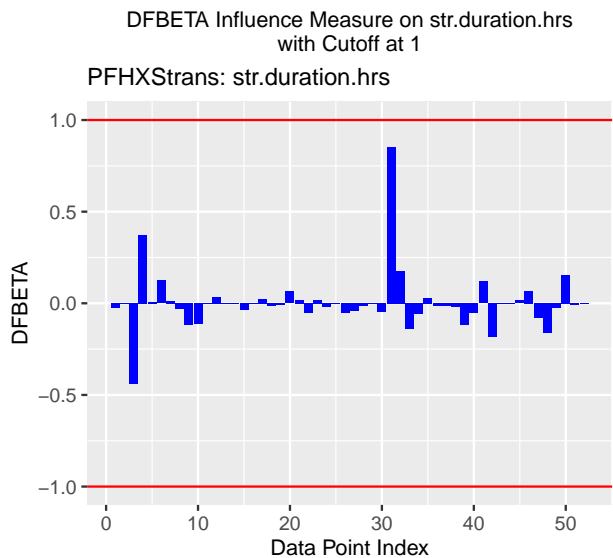
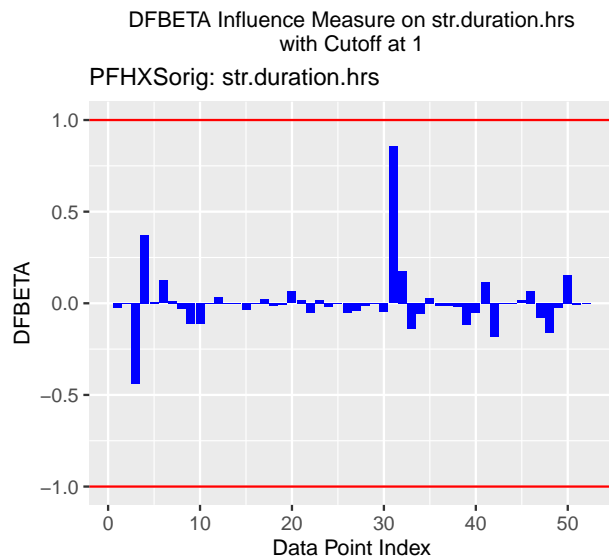
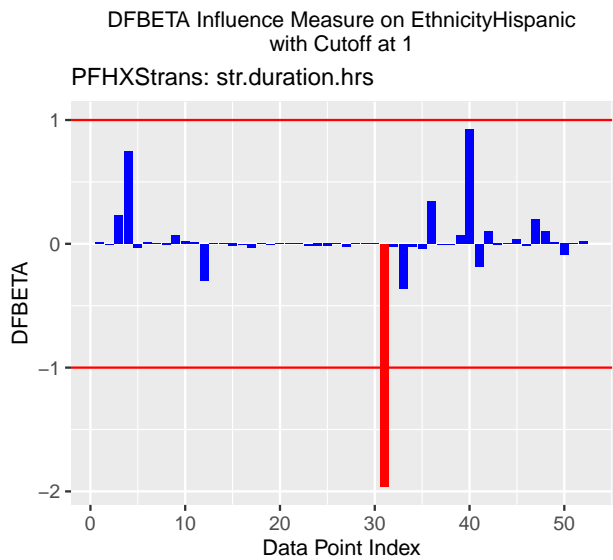
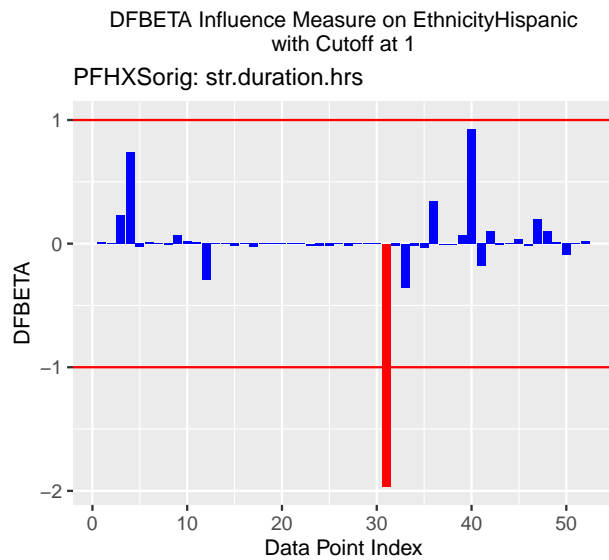
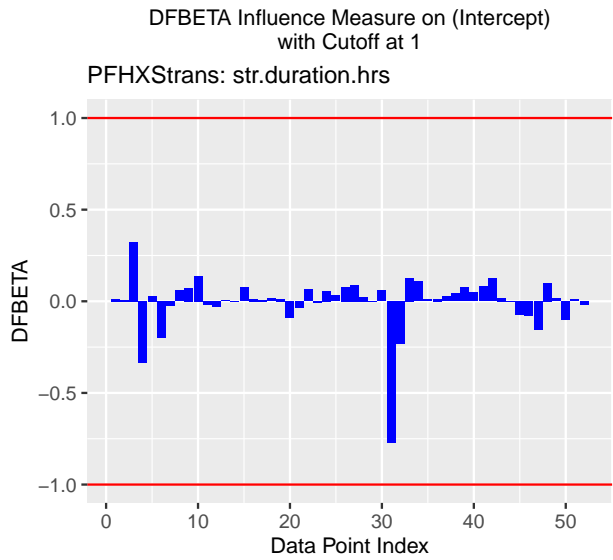
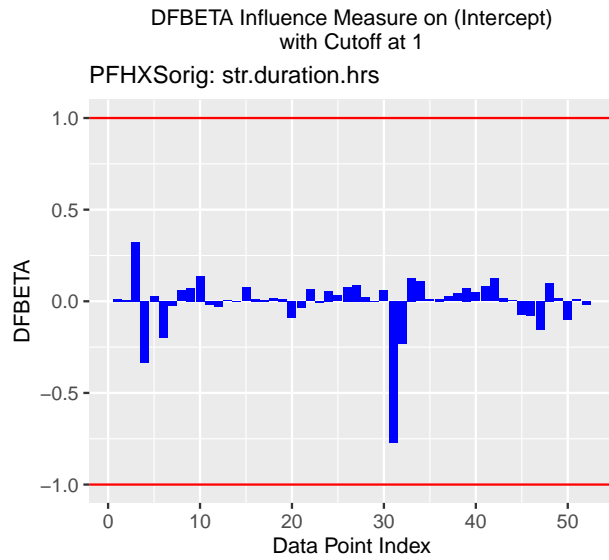


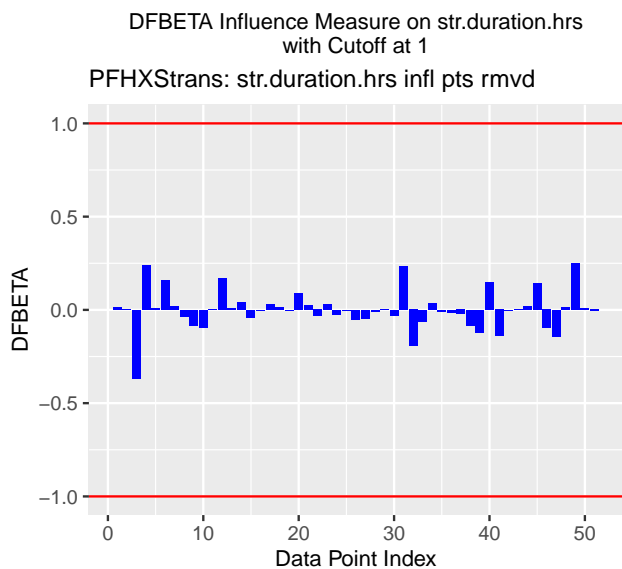
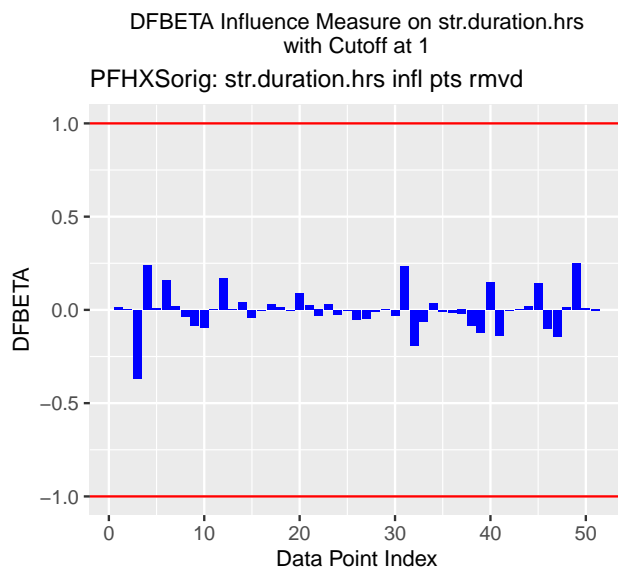
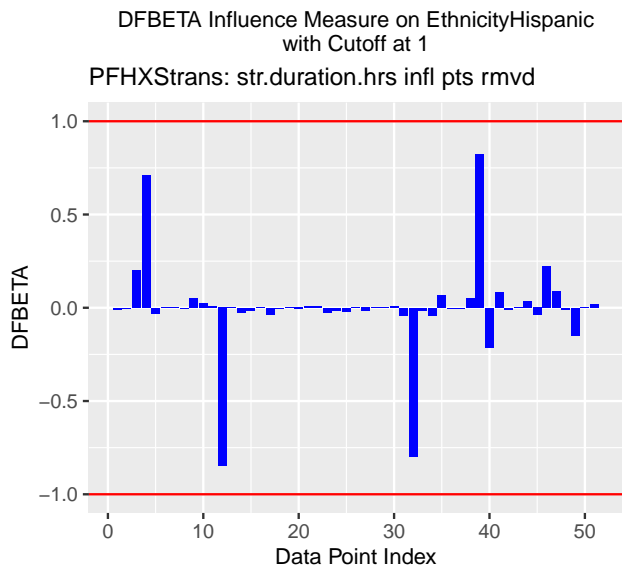
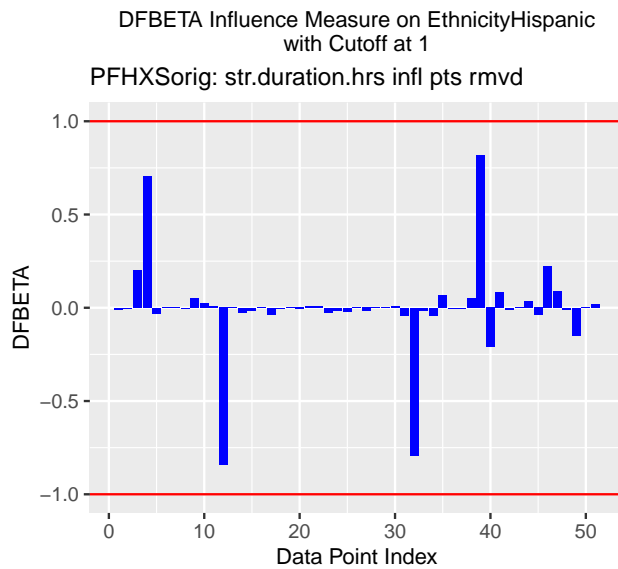
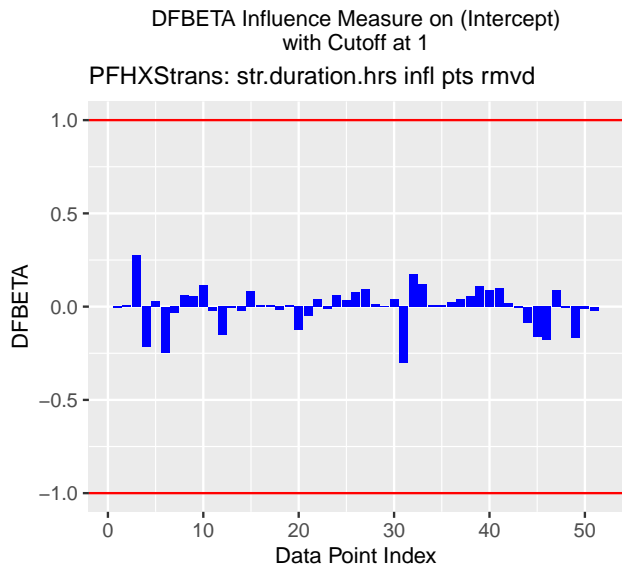
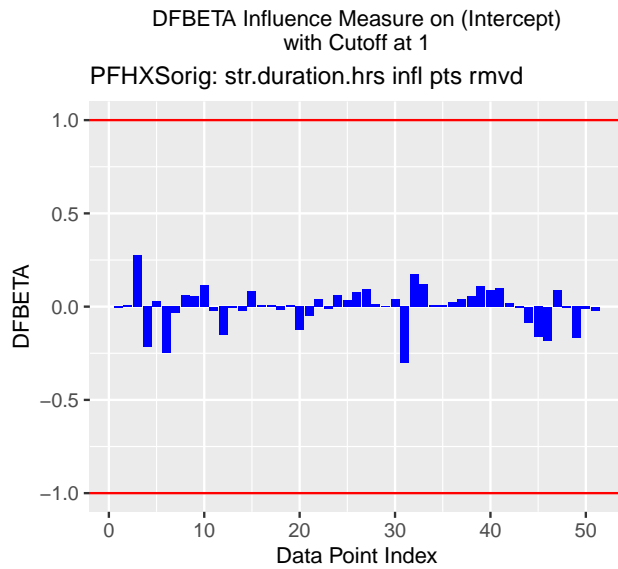
Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distrib  
PFHXStrans: str.duration.hrs transformed values



Cook's Distance with Cutoff at 50% Percentile of  $F(3, 48)$  Distrib  
PFHXStrans: str.duration.hrs Infl pts rmvd







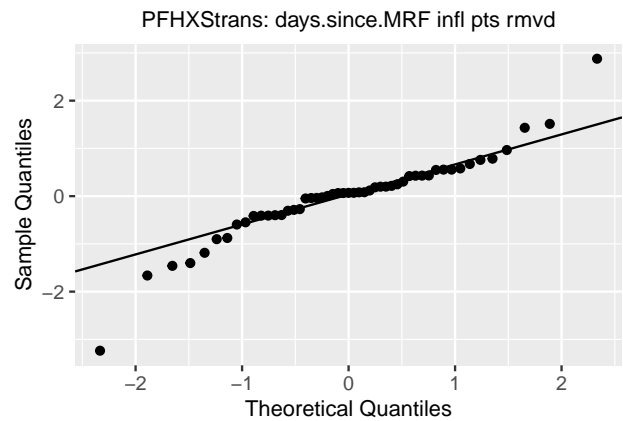
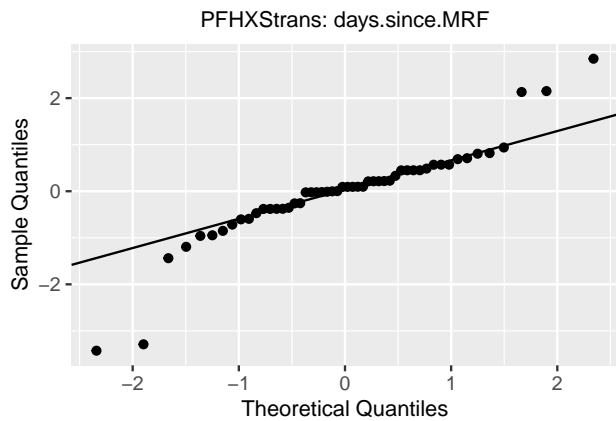
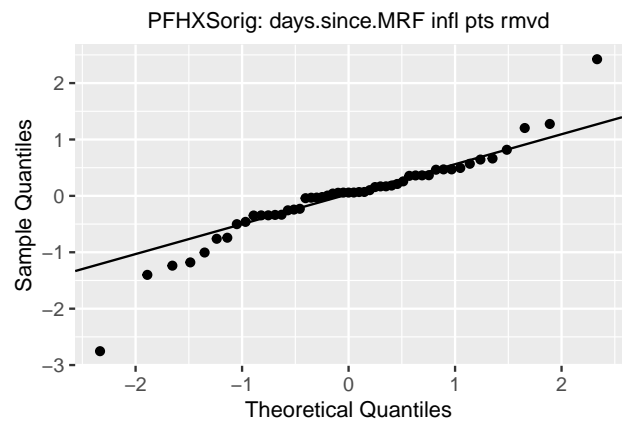
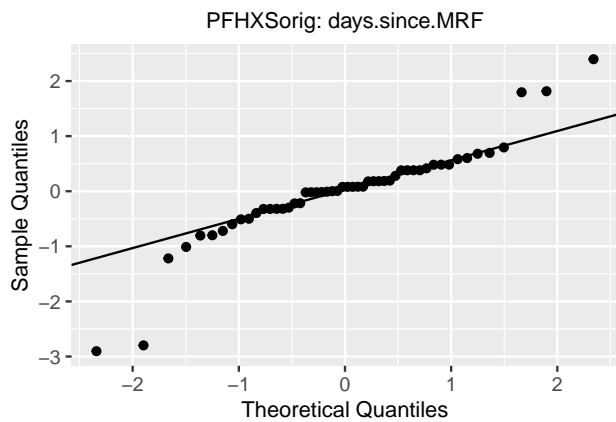
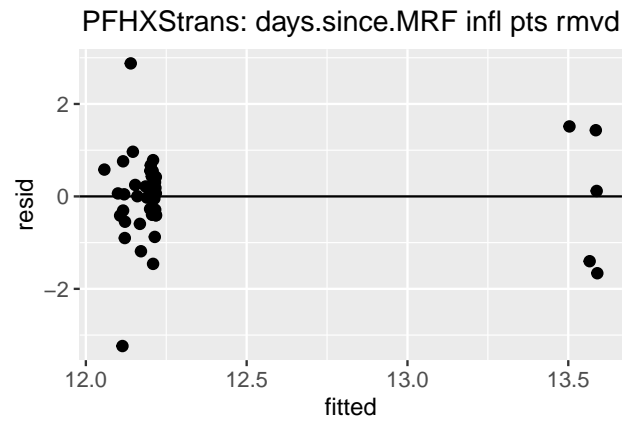
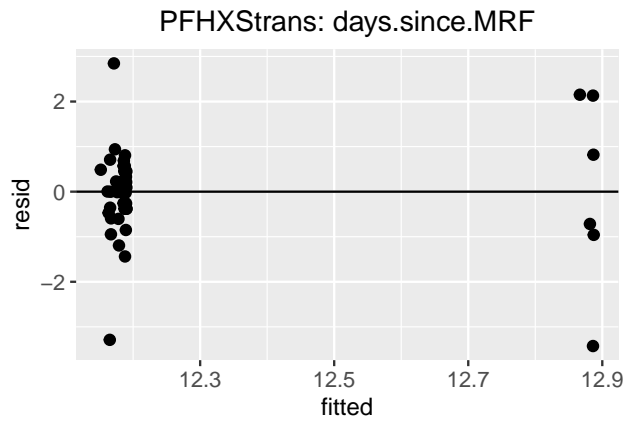
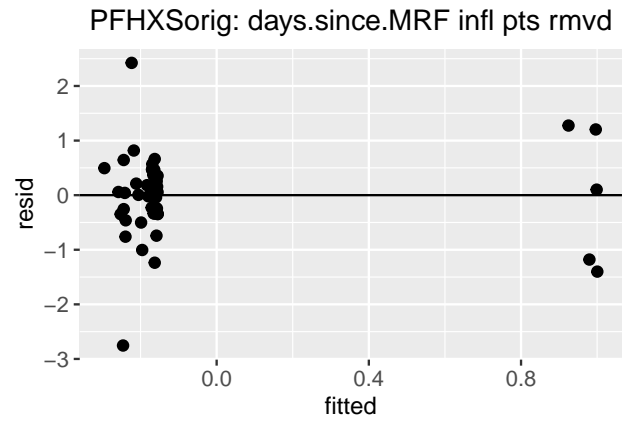
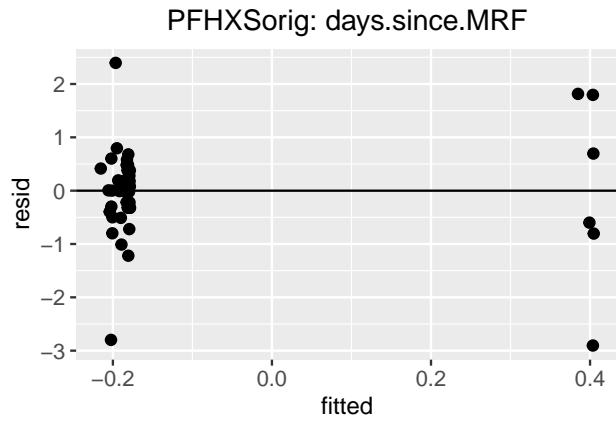


	<b>Parameter</b>	<b>Original.Model.Indices</b>	<b>Transformed.Model.Indices</b>
1	Intercept		
2	Intercept – Points Removed		
3	Exposure		
4	Exposure – Points Removed		
5	Ethnicity Hispanic	31	
6	Ethnicity Hispanic – Points Removed	31	

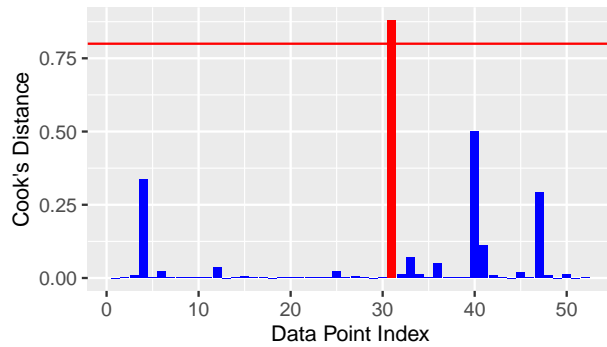
TableGrob (1 x 1) “arrange”: 1 grobs z cells name grob 1 1 (1-1,1-1) arrange gtable[rowhead-fg] [1]  
“days.since.MRF”

Table 73: PFHXS Change Score + Days Since Most Recent Fire Models

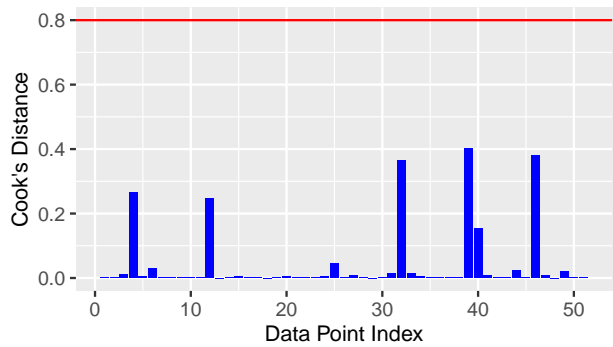
	<i>Dependent variable:</i>			
	PFHXSort		PFHXStrans	
	Orig outcome: all data	Orig outcome: infl pts rmvd	Trans Outcome: all data	Trans Outcome: infl pts rmvd
	(1)	(2)	(3)	(4)
Constant	−0.178 t = −1.026 p = 0.310	−0.154 t = −1.022 p = 0.313	12.190 t = 59.335 p = 0.000***	12.219 t = 68.516 p = 0.000***
days.since.MRF	−0.0002 t = −0.075 p = 0.941	−0.001 t = −0.331 p = 0.743	−0.0002 t = −0.066 p = 0.948	−0.001 t = −0.320 p = 0.751
EthnicityHispanic	0.585 t = 1.520 p = 0.135	1.164 t = 3.216 p = 0.003***	0.699 t = 1.536 p = 0.131	1.382 t = 3.229 p = 0.003***
Observations	52	51	52	51
R <sup>2</sup>	0.045	0.180	0.046	0.181
Adjusted R <sup>2</sup>	0.007	0.146	0.007	0.147
<i>Note:</i>			*p<0.1; **p<0.05; ***p<0.01	



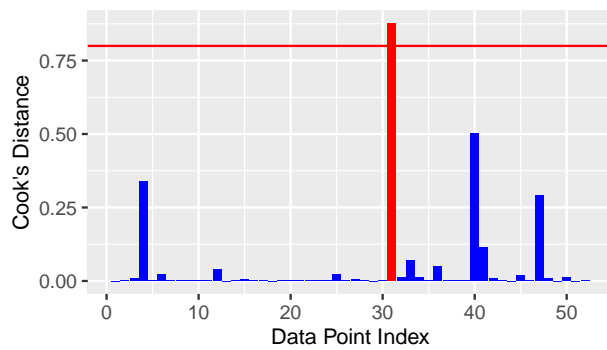
Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distrib  
 PFHXSort: days.since.MRF original values



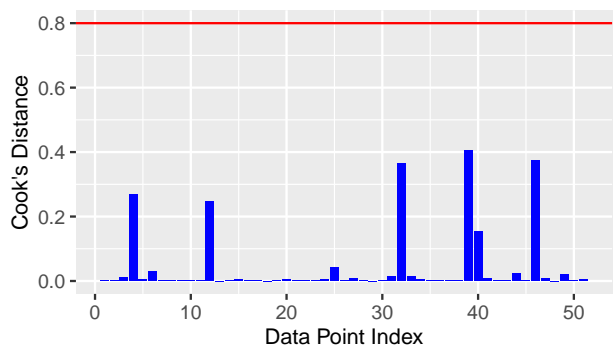
Cook's Distance with Cutoff at 50% Percentile of  $F(3, 48)$  Distrib  
 PFHXSort: days.since.MRF Infl pts rmvd

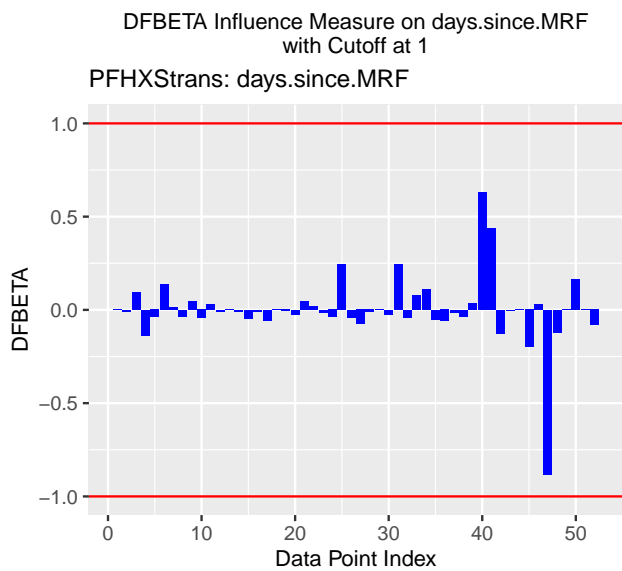
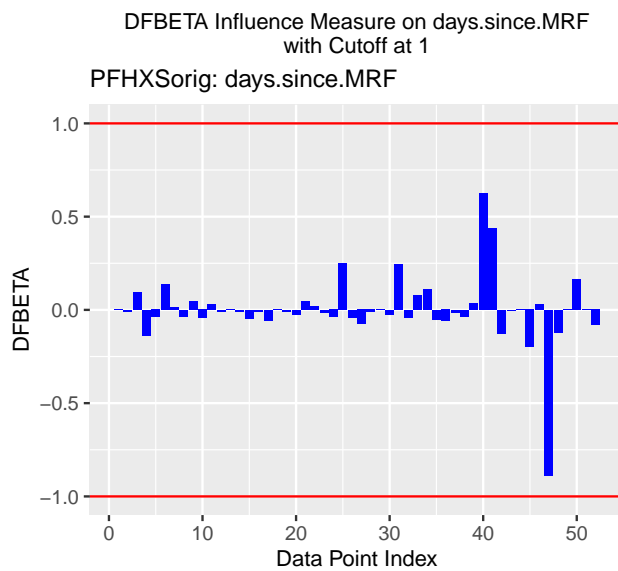
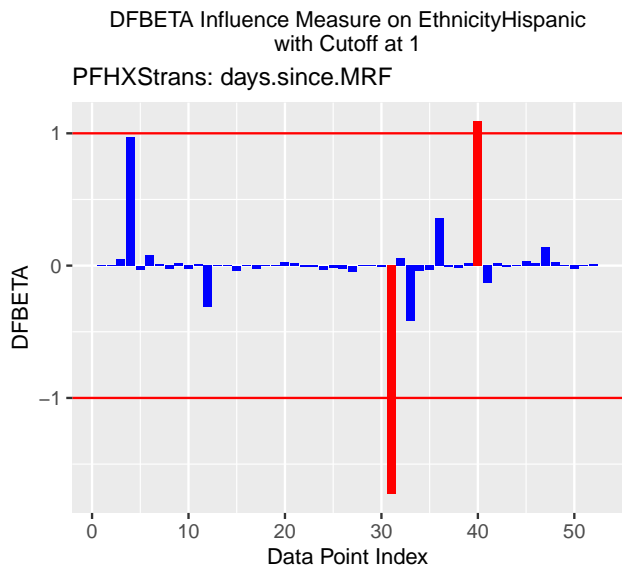
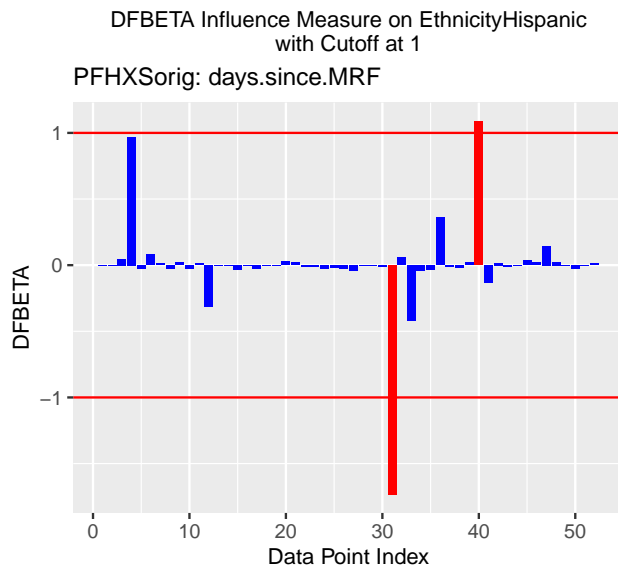
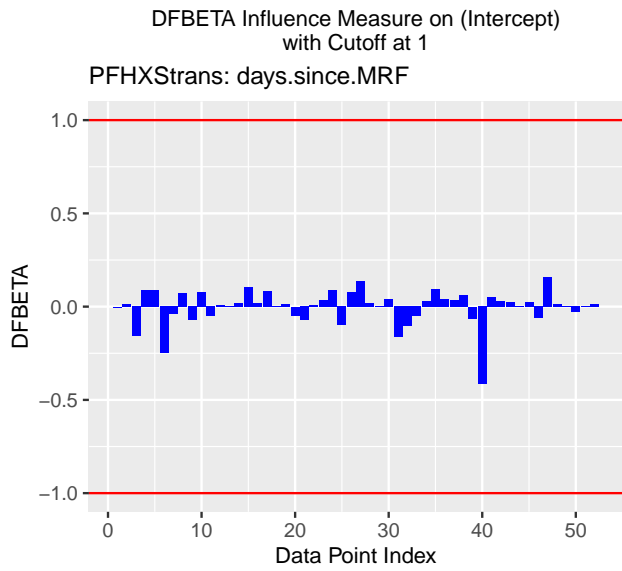
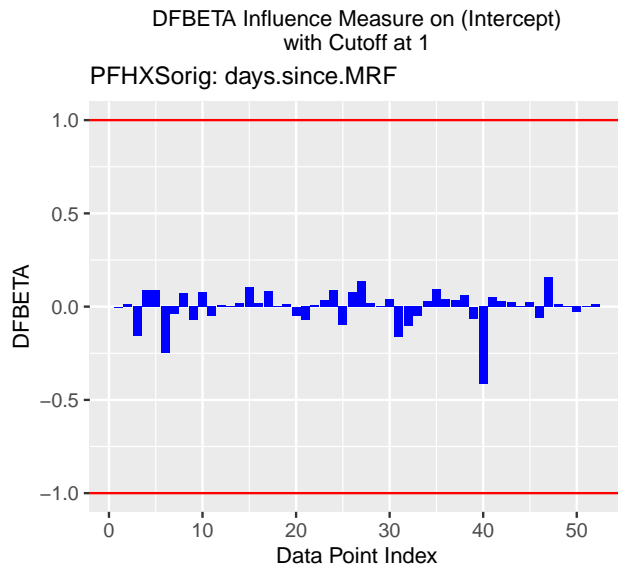


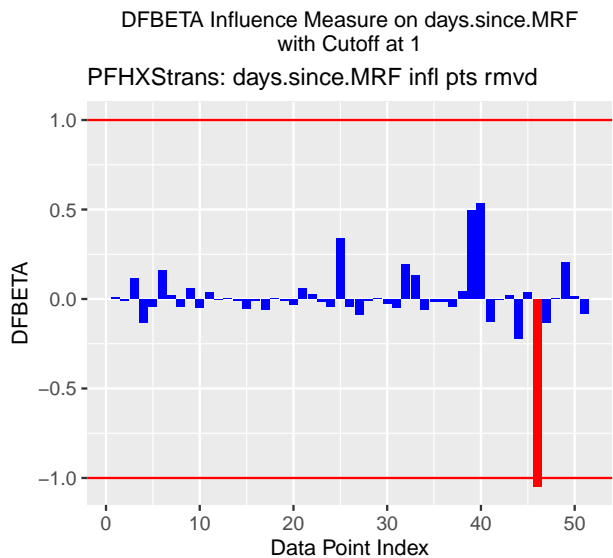
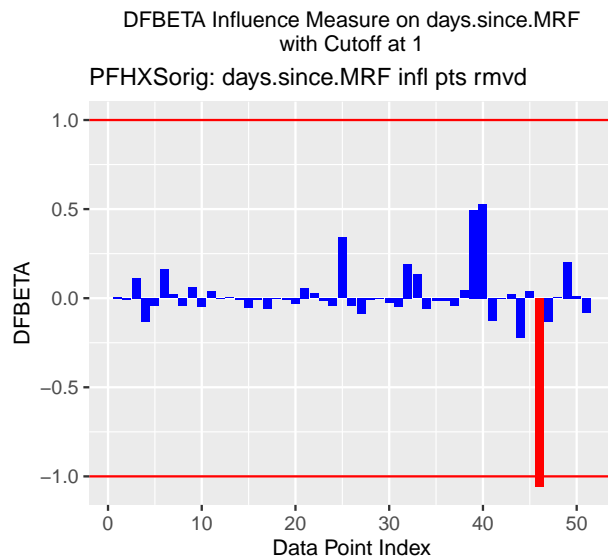
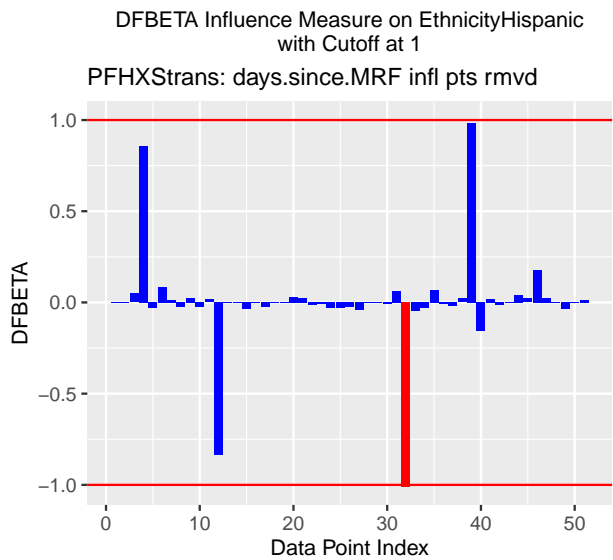
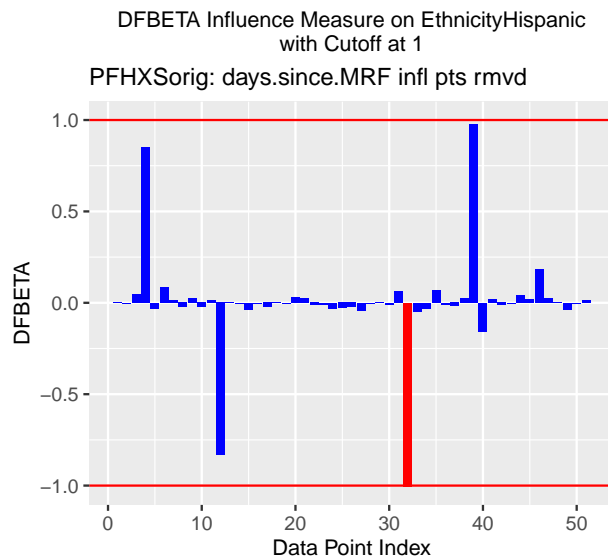
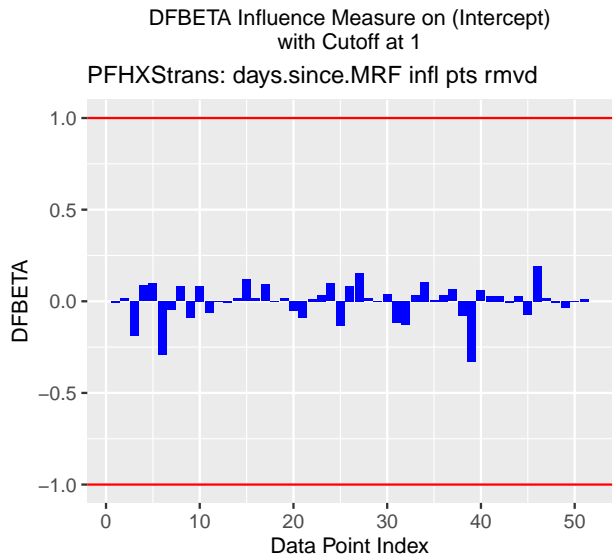
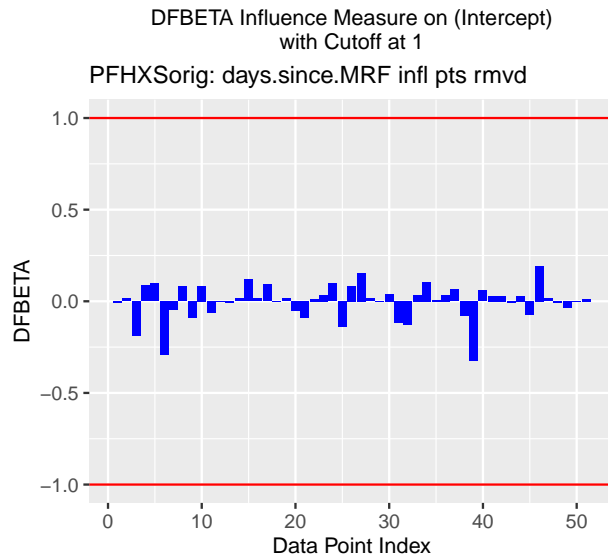
Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distrib  
 PFHXStrans: days.since.MRF transformed values



Cook's Distance with Cutoff at 50% Percentile of  $F(3, 48)$  Distrib  
 PFHXStrans: days.since.MRF Infl pts rmvd







	Parameter	Original.Model.Indices	Transformed.Model.Indices
1	Intercept		
2	Intercept – Points Removed		
3	Exposure		
4	Exposure – Points Removed		
5	Ethnicity Hispanic	31, 40	32
6	Ethnicity Hispanic – Points Removed	31, 40	32

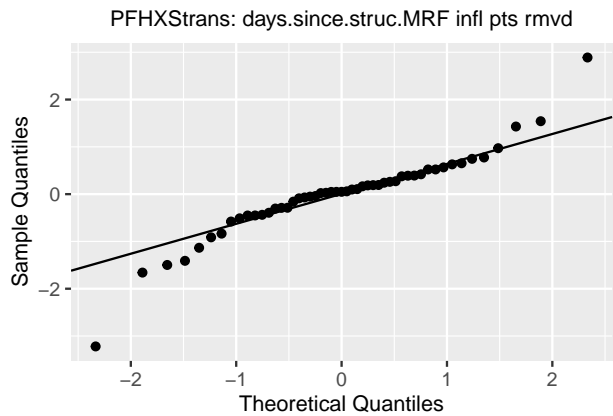
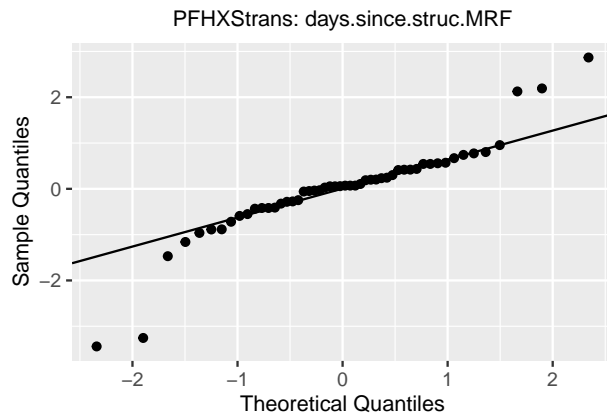
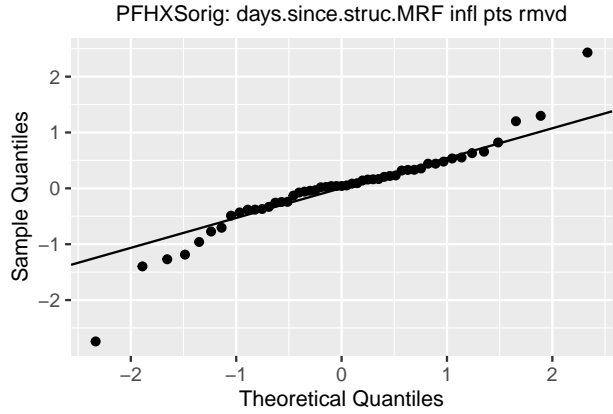
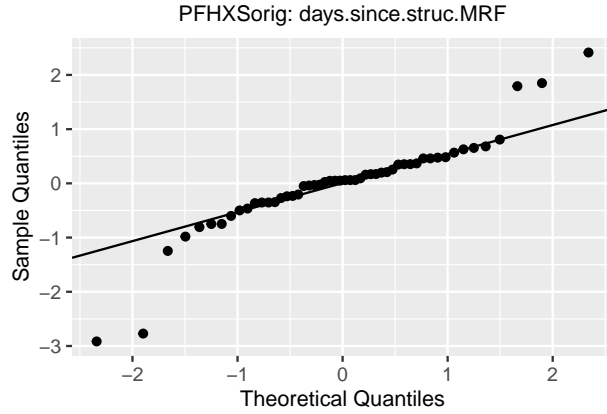
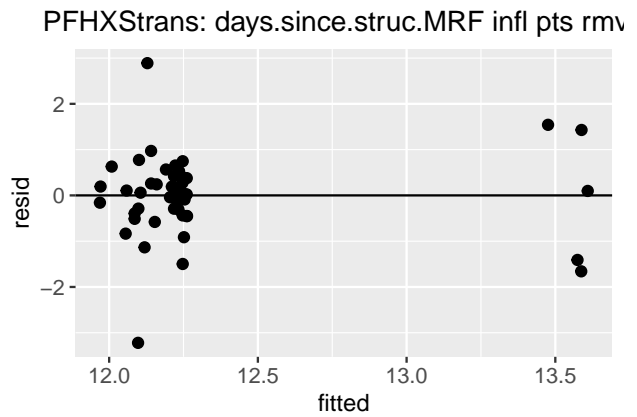
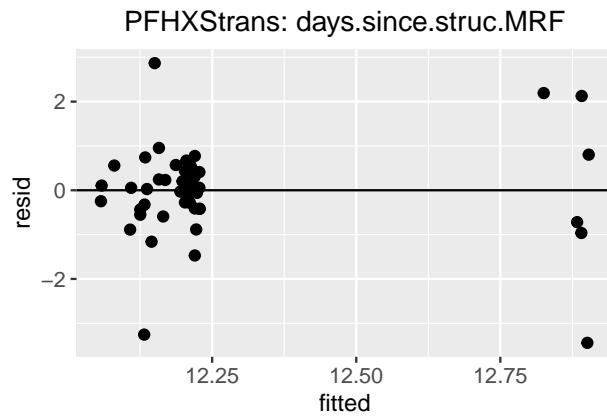
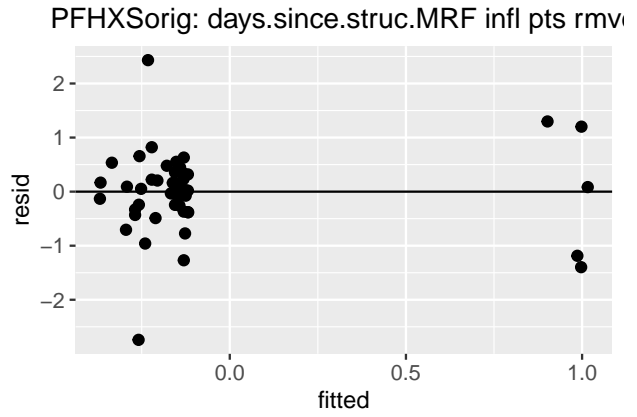
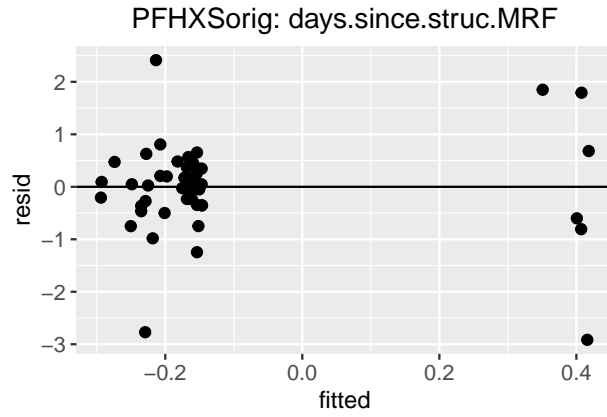
TableGrob (1 x 1) “arrange”: 1 grobs z cells name grob 1 1 (1-1,1-1) arrange gtable[rowhead-fg] [1]  
“days.since.struc.MRF”

Table 74: PFHXS Change Score + Days Since Most Recent Structural Fire Models

	<i>Dependent variable:</i>			
	PFHXSorig		PFHXStrans	
	Orig outcome: all data (1)	Orig outcome: infl pts rmvd (2)	Trans Outcome: all data (3)	Trans Outcome: infl pts rmvd (4)
Constant	–0.146 t = –0.796 p = 0.430	–0.117 t = –0.738 p = 0.464	12.229 t = 56.470 p = 0.000***	12.263 t = 65.351 p = 0.000***
days.since.struc.MRF	–0.001 t = –0.320 p = 0.751	–0.001 t = –0.627 p = 0.534	–0.001 t = –0.314 p = 0.755	–0.001 t = –0.619 p = 0.539
EthnicityHispanic	0.574 t = 1.485 p = 0.144	1.150 t = 3.180 p = 0.003***	0.686 t = 1.502 p = 0.140	1.366 t = 3.193 p = 0.003***
Observations	52	51	52	51
R <sup>2</sup>	0.047	0.185	0.048	0.186
Adjusted R <sup>2</sup>	0.008	0.151	0.009	0.152

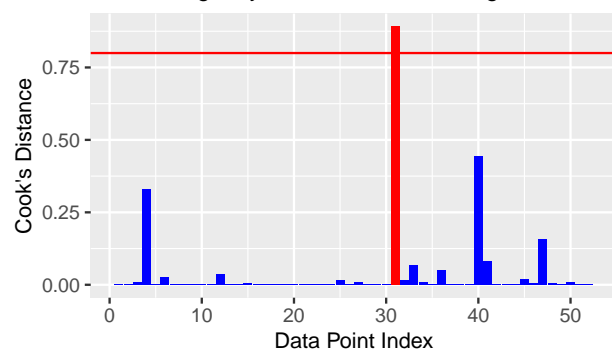
Note:

\*p<0.1; \*\*p<0.05; \*\*\*p<0.01

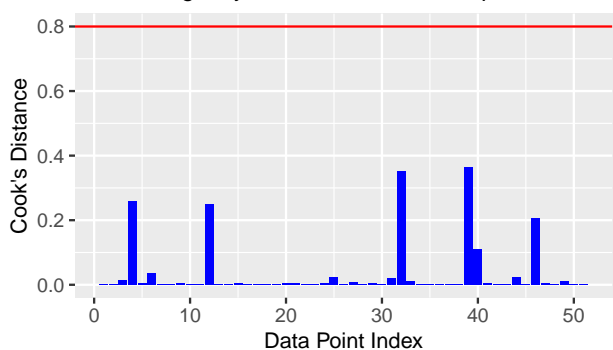




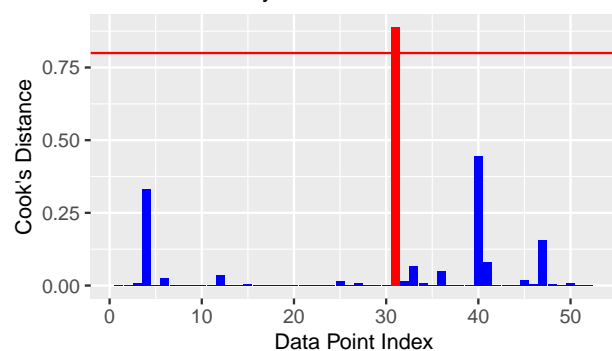
Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distrib  
PFHXSort: days.since.struc.MRF original values



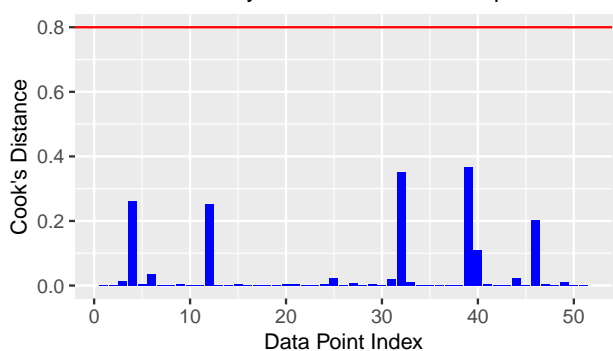
Cook's Distance with Cutoff at 50% Percentile of  $F(3, 48)$  Distrib  
PFHXSort: days.since.struc.MRF Infl pts rmvd

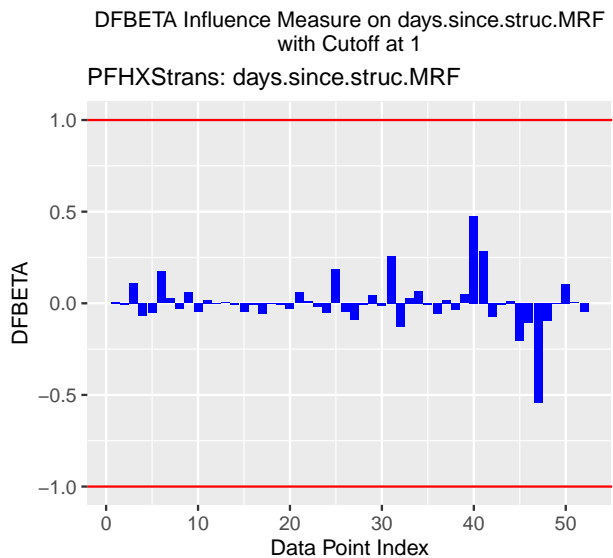
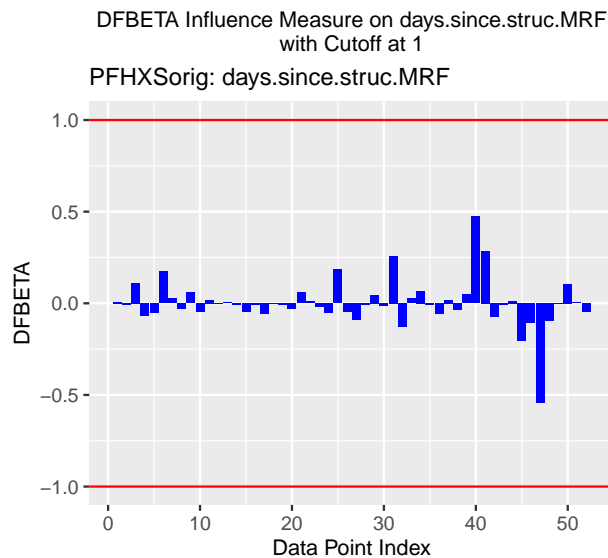
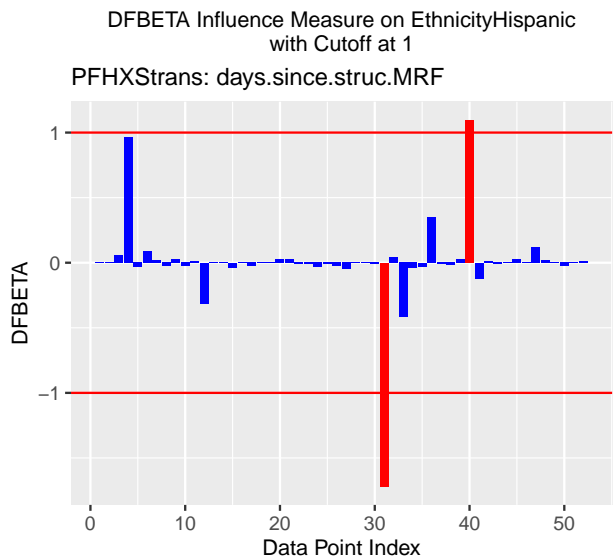
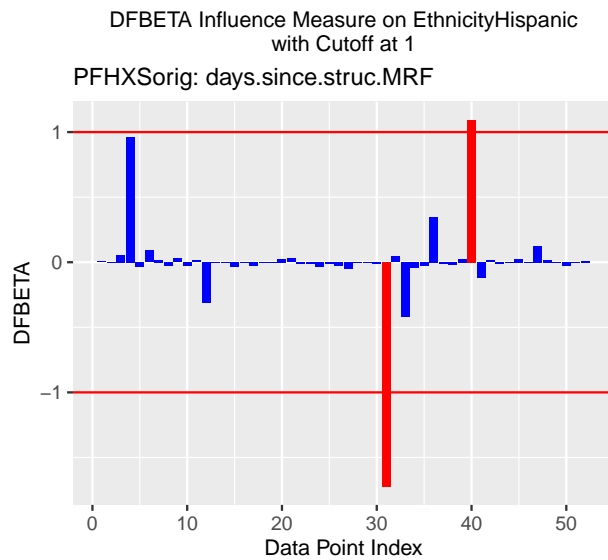
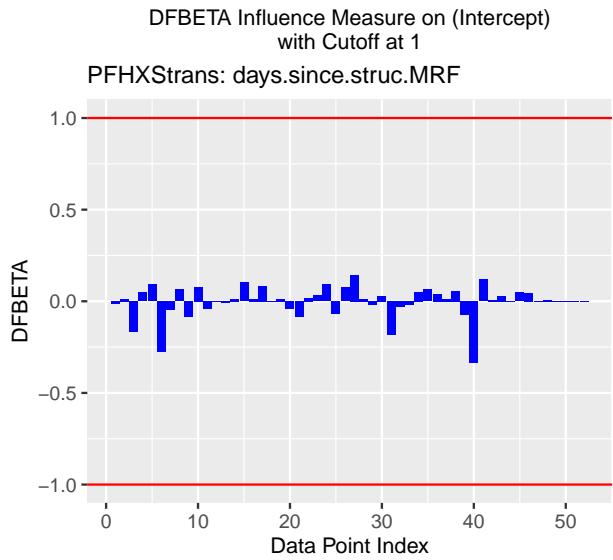
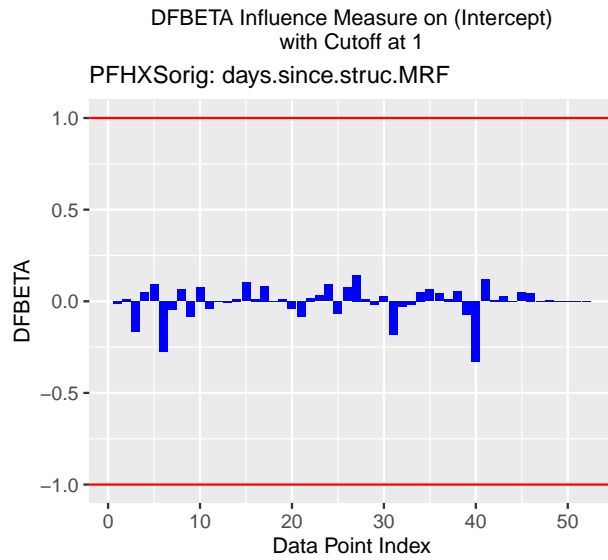


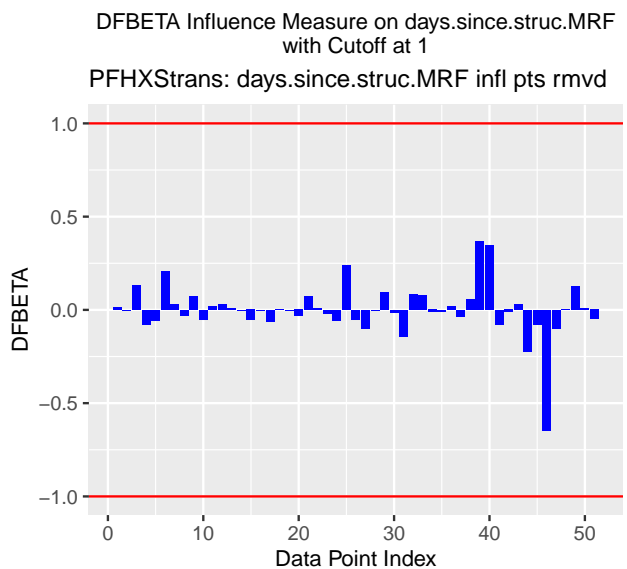
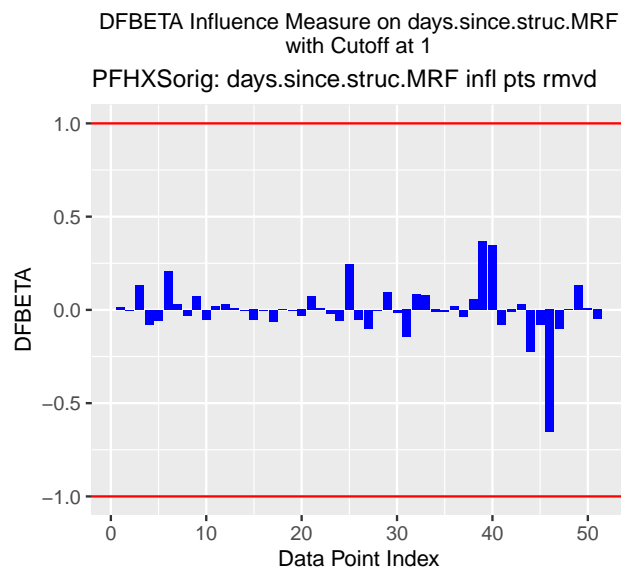
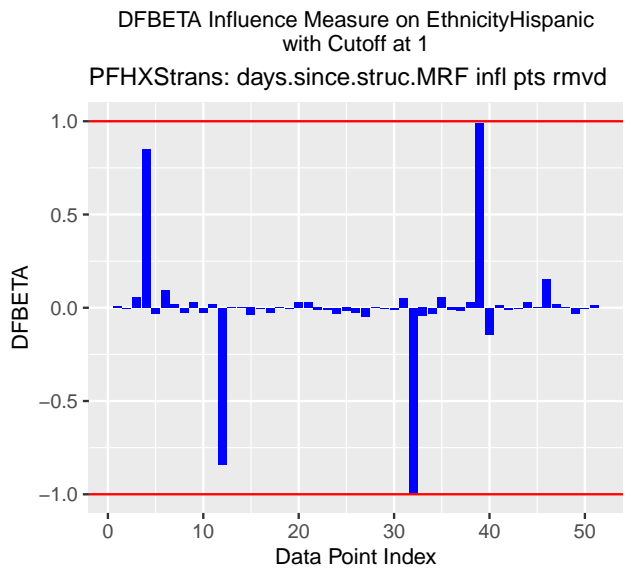
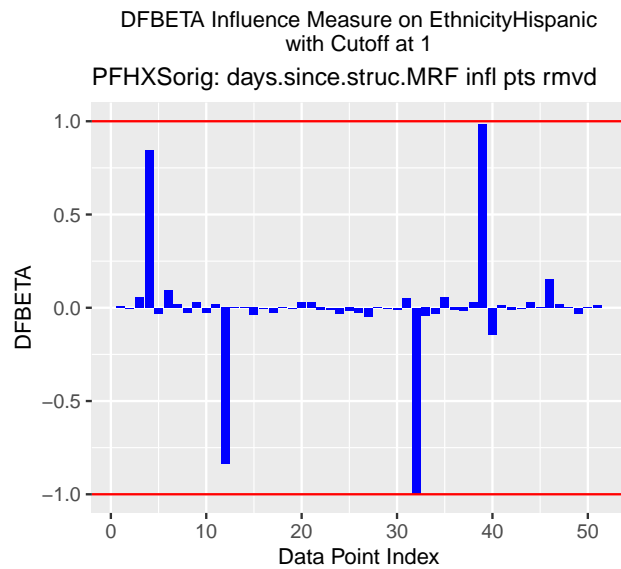
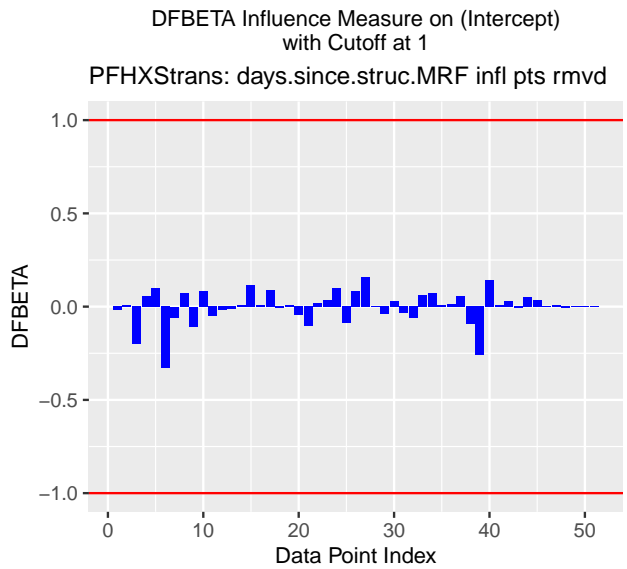
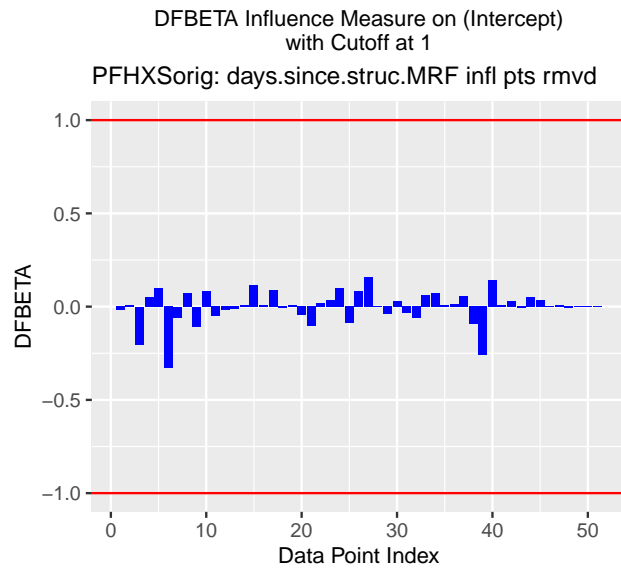
Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distrib  
PFHXStrans: days.since.struc.MRF transformed va



Cook's Distance with Cutoff at 50% Percentile of  $F(3, 48)$  Distrib  
PFHXStrans: days.since.struc.MRF Infl pts rmvd





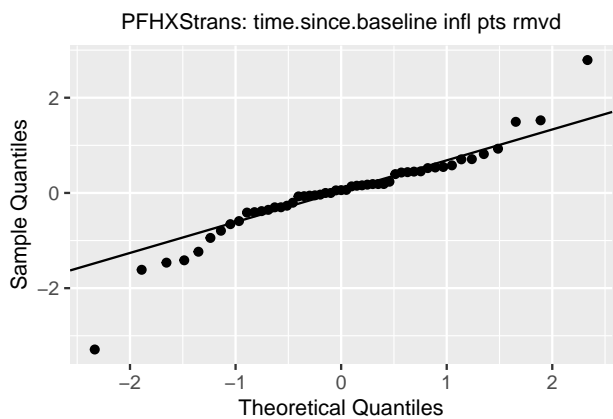
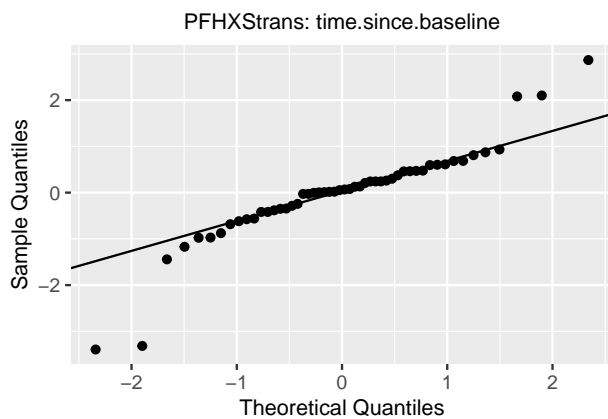
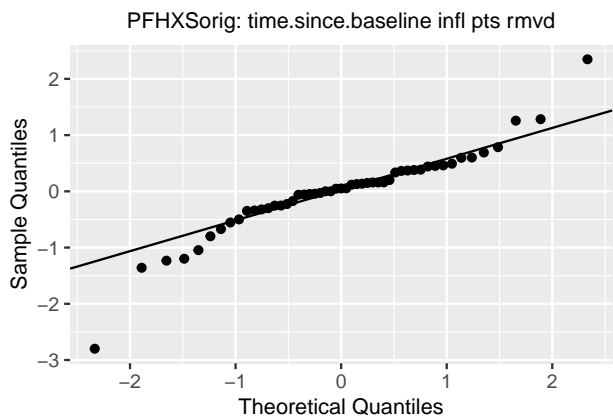
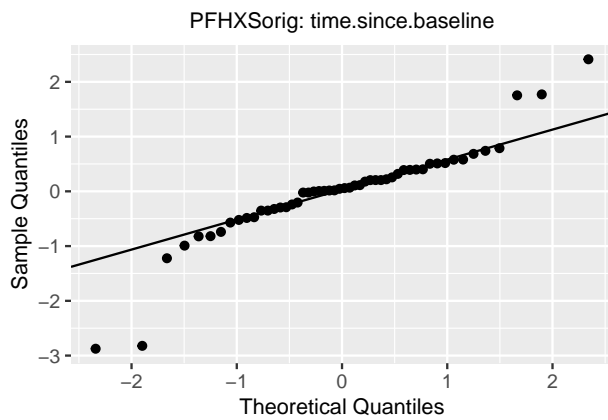
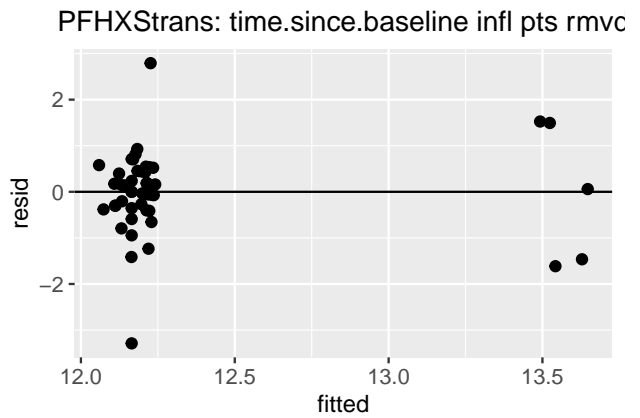
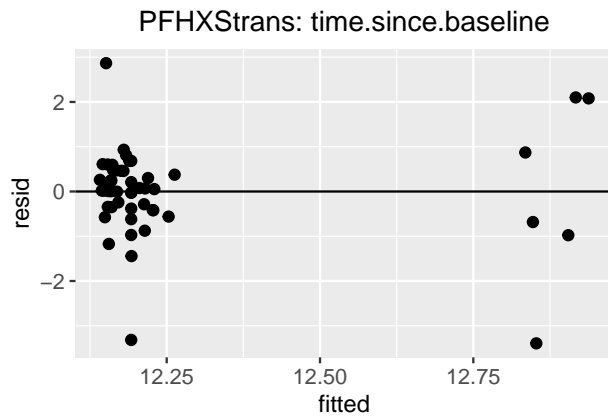
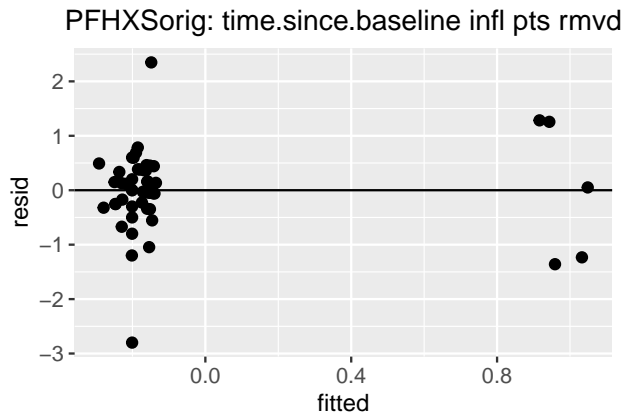
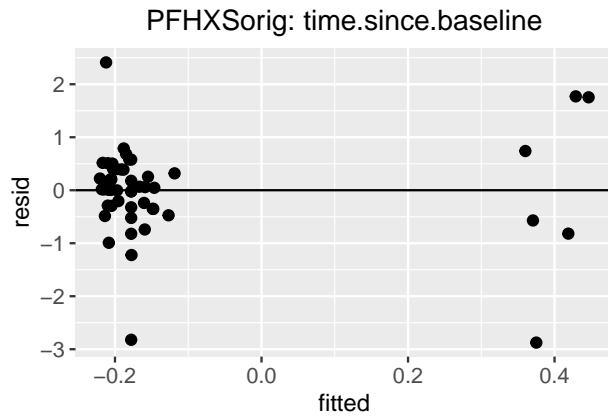


	Parameter	Original.Model.Indices	Transformed.Model.Indices
1	Intercept		
2	Intercept – Points Removed		
3	Exposure		
4	Exposure – Points Removed		
5	Ethnicity Hispanic	31, 40	
6	Ethnicity Hispanic – Points Removed	31, 40	

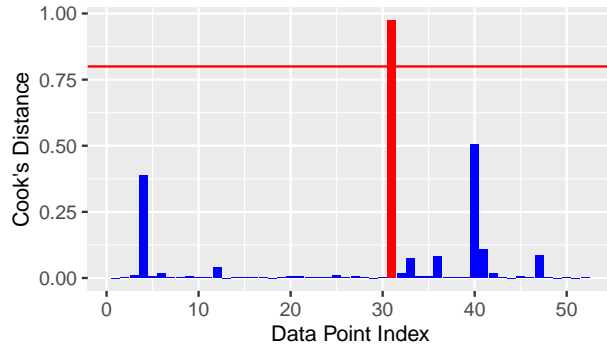
TableGrob (1 x 1) “arrange”: 1 grobs z cells name grob 1 1 (1-1,1-1) arrange gtable[rowhead-fg] [1]  
“time.since.baseline”

Table 75: PFHXS Change Score + Time Since Baseline (days) Models

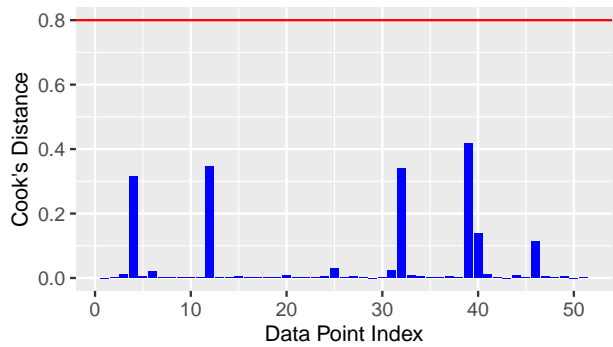
	<i>Dependent variable:</i>			
	PFHXSorig		PFHXStrans	
	Orig outcome: all data	Orig outcome: infl pts rmvd	Trans Outcome: all data	Trans Outcome: infl pts rmvd
	(1)	(2)	(3)	(4)
Constant	−0.344 t = −0.454 p = 0.652	0.053 t = 0.080 p = 0.937	11.994 t = 13.403 p = 0.000***	12.462 t = 15.886 p = 0.000***
time.since.baseline	0.0002 t = 0.210 p = 0.835	−0.0003 t = −0.367 p = 0.716	0.0002 t = 0.213 p = 0.833	−0.0004 t = −0.363 p = 0.718
EthnicityHispanic	0.573 t = 1.470 p = 0.148	1.195 t = 3.233 p = 0.003***	0.685 t = 1.486 p = 0.144	1.419 t = 3.244 p = 0.003***
Observations	52	51	52	51
R <sup>2</sup>	0.046	0.180	0.047	0.181
Adjusted R <sup>2</sup>	0.007	0.146	0.008	0.147
<i>Note:</i>			*p<0.1; **p<0.05; ***p<0.01	



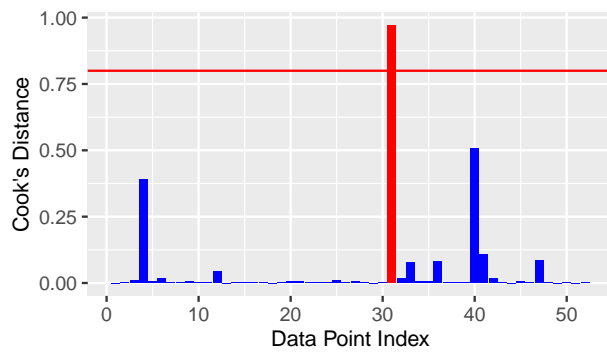
Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distrib  
PFHXSorig: time.since.baseline original values



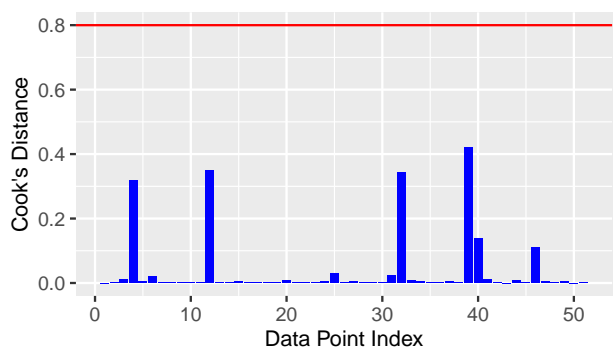
Cook's Distance with Cutoff at 50% Percentile of  $F(3, 48)$  Distrib  
PFHXSorig: time.since.baseline Infl pts rmvd

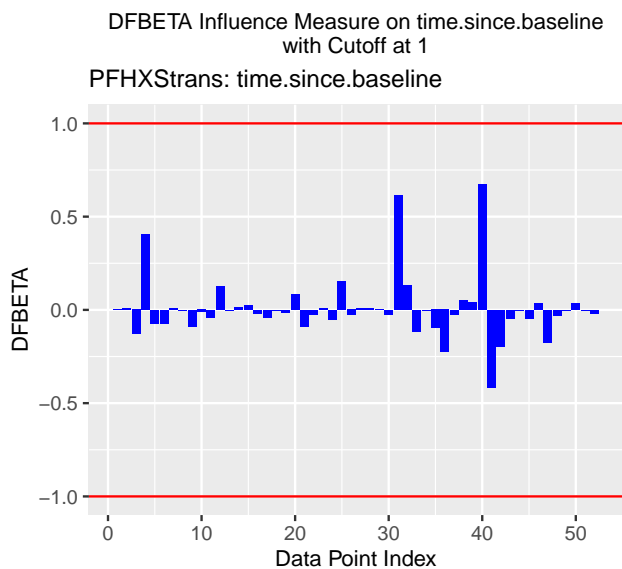
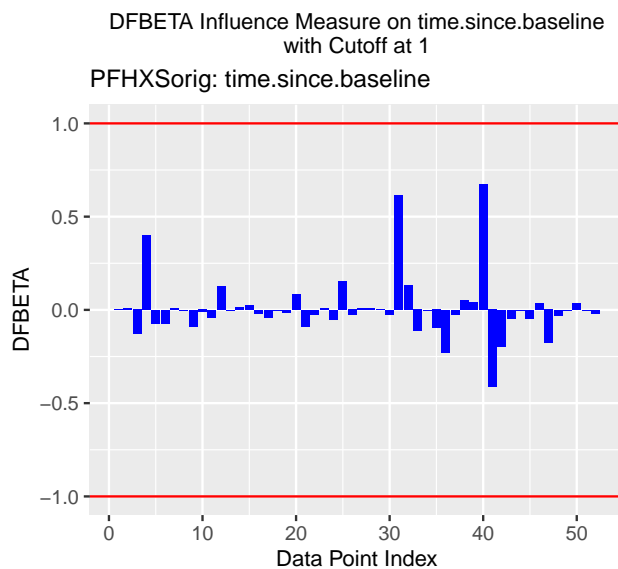
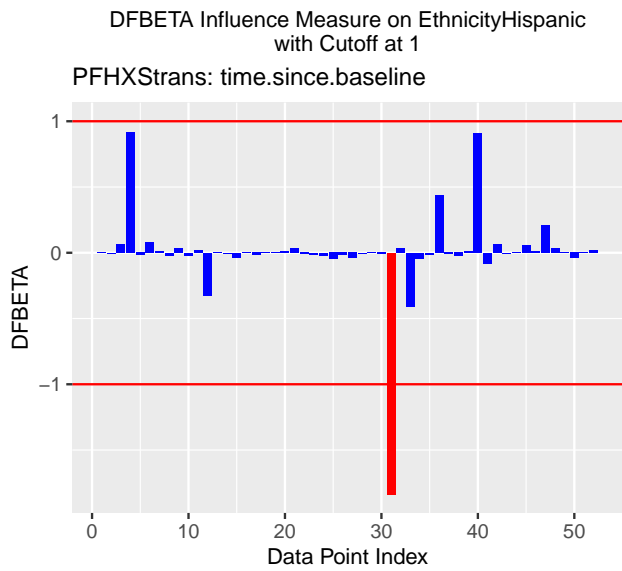
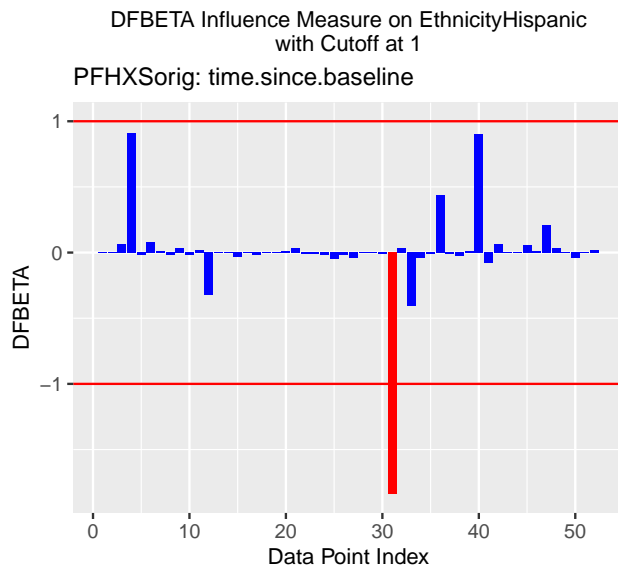
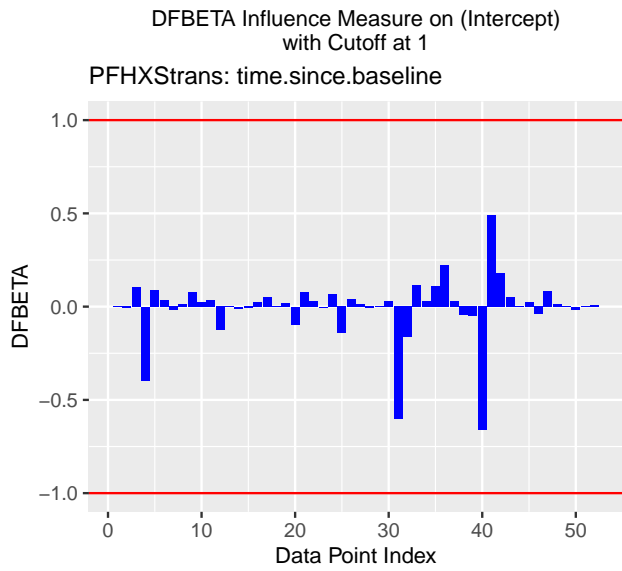
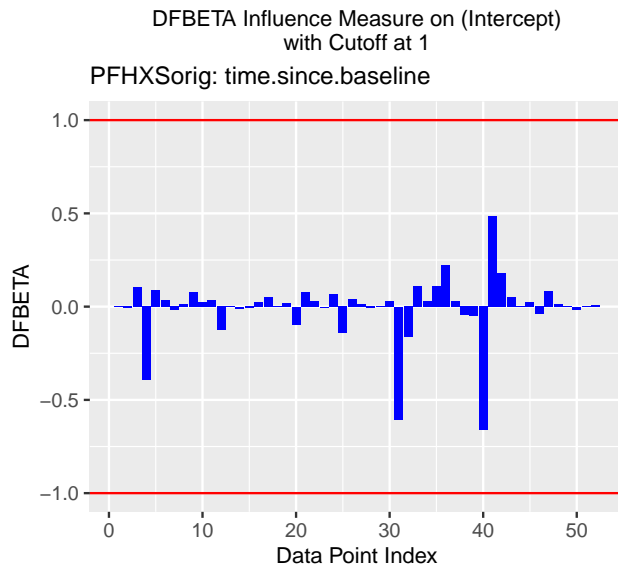


Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distrib  
PFHXStrans: time.since.baseline transformed value

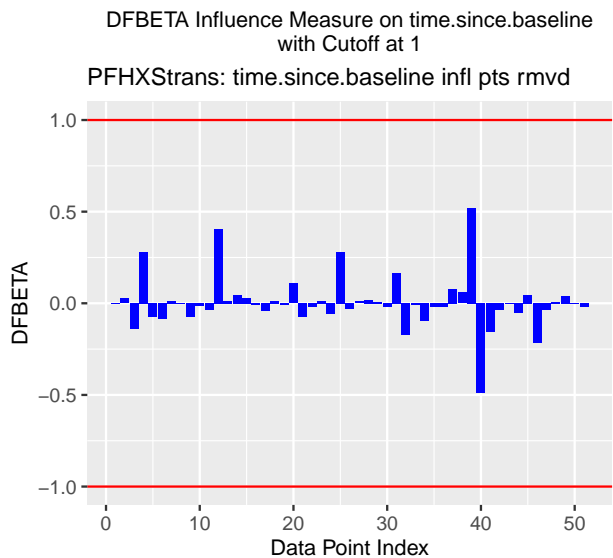
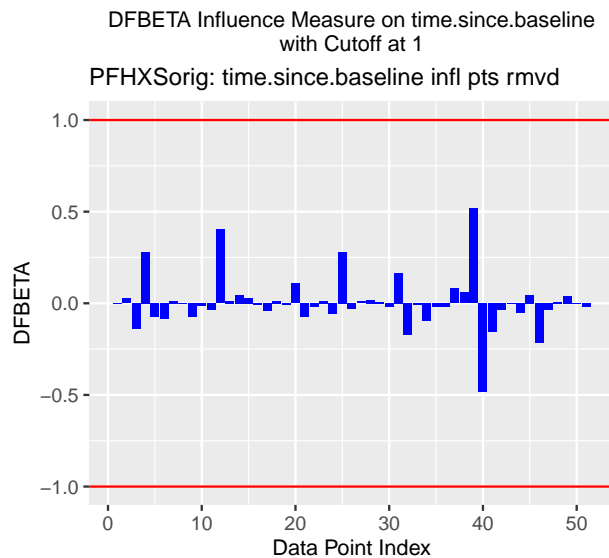
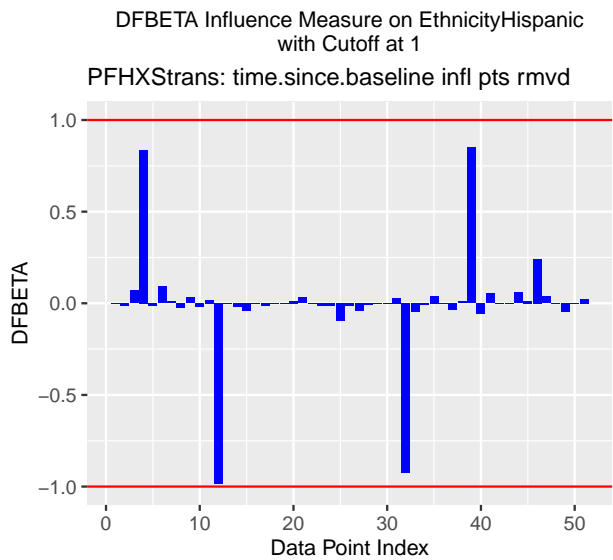
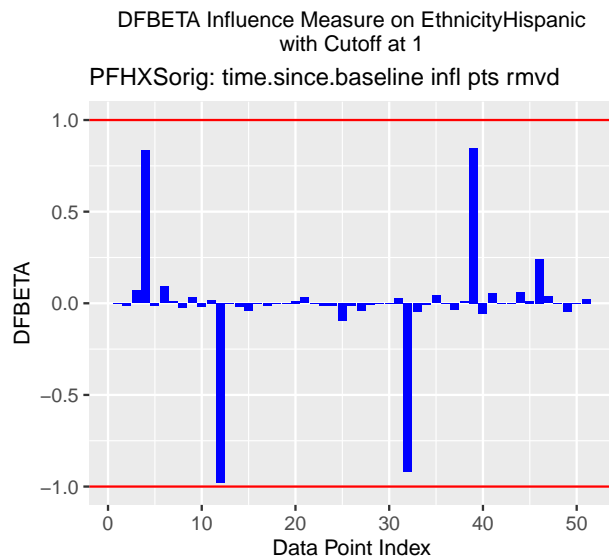
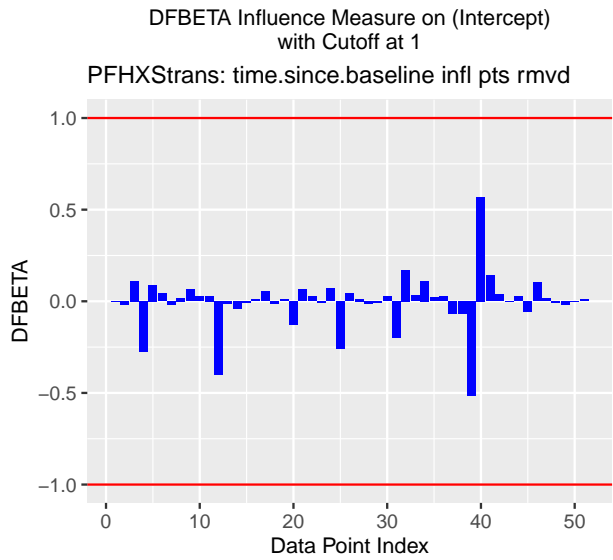
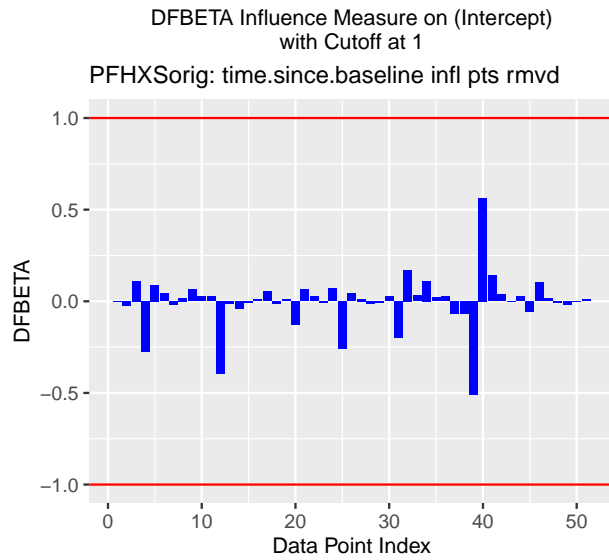


Cook's Distance with Cutoff at 50% Percentile of  $F(3, 48)$  Distrib  
PFHXStrans: time.since.baseline Infl pts rmvd









	Parameter	Original.Model.Indices	Transformed.Model.Indices
1	Intercept		
2	Intercept – Points Removed		
3	Exposure		
4	Exposure – Points Removed		
5	Ethnicity Hispanic	31	
6	Ethnicity Hispanic – Points Removed	31	

TableGrob (1 x 1) “arrange”: 1 grobs z cells name grob 1 1 (1-1,1-1) arrange gtable[rowhead-fg] [1] “PFNAorig”  
[1] “total.num.fireruns”

Table 76: PFNA Change Score + Total Number of Fireruns Models

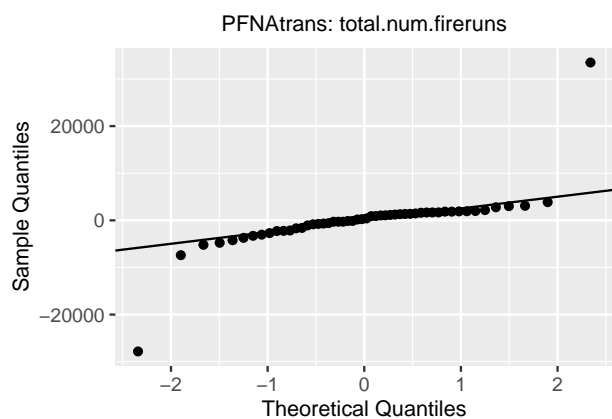
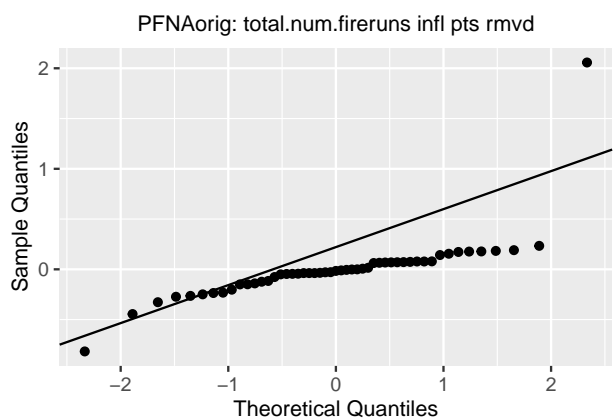
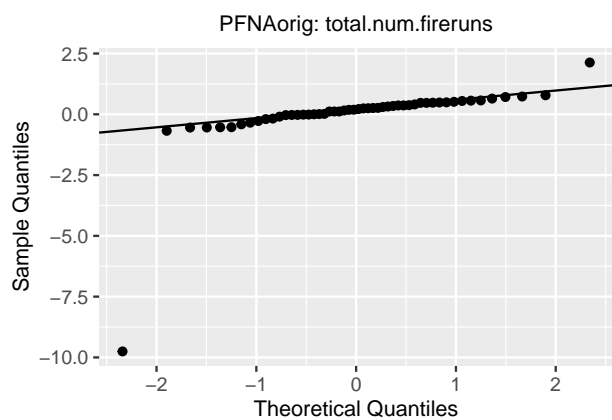
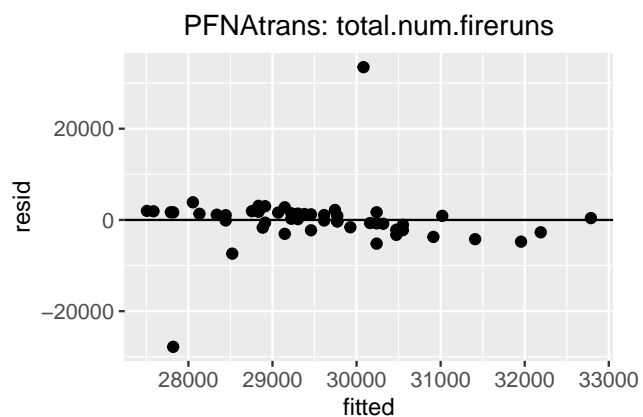
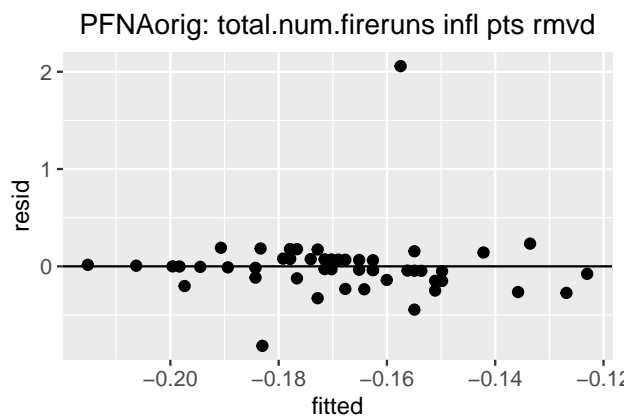
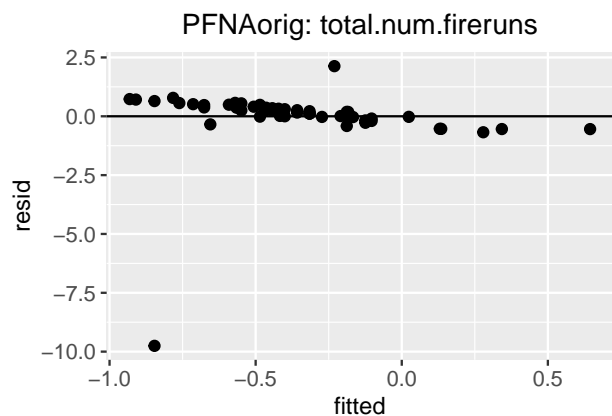
	<i>Dependent variable:</i>		
	PFNAorig		PFNAtrans
	Orig outcome: all data	Orig outcome: infl pts rmvd	Trans Outcome: all data
	(1)	(2)	(3)
Constant	–1.398 t = –1.998 p = 0.052*	–0.228 t = –1.325 p = 0.192	25,789.120 t = 8.200 p = 0.000***
total.num.fireruns	0.021 t = 1.512 p = 0.138	0.001 t = 0.373 p = 0.711	78.065 t = 1.237 p = 0.223
EthnicityHispanic	–0.080 t = –0.119 p = 0.906	–0.034 t = –0.209 p = 0.836	–808.213 t = –0.268 p = 0.790
Observations	52	51	52
R <sup>2</sup>	0.047	0.003	0.030
Adjusted R <sup>2</sup>	0.008	–0.038	–0.009

Note:

\*p<0.1; \*\*p<0.05; \*\*\*p<0.01

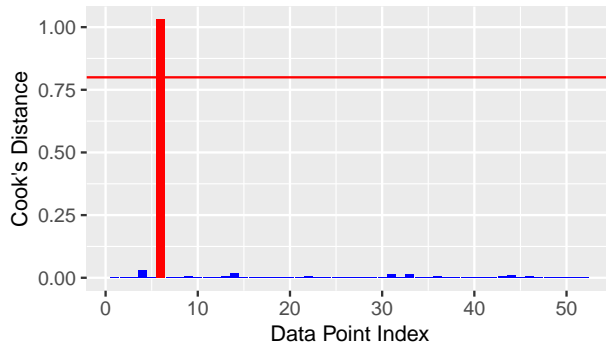
Table 77: PFNA Change Score + Total Number of Fireruns Models

No points removed



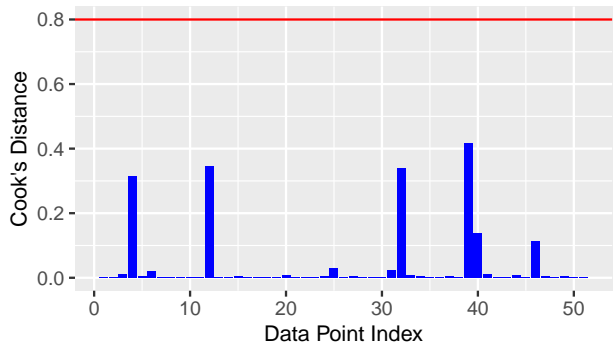
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distrib

PFNAorig: total.num.fireruns original values



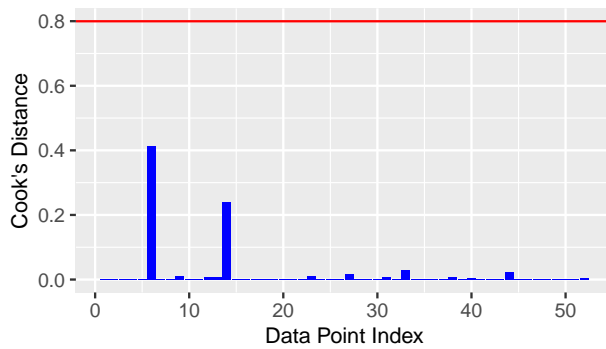
Cook's Distance with Cutoff at 50% Percentile of F(3, 48) Distrib

PFHXSortig: time.since.baseline Infl pts rmvd



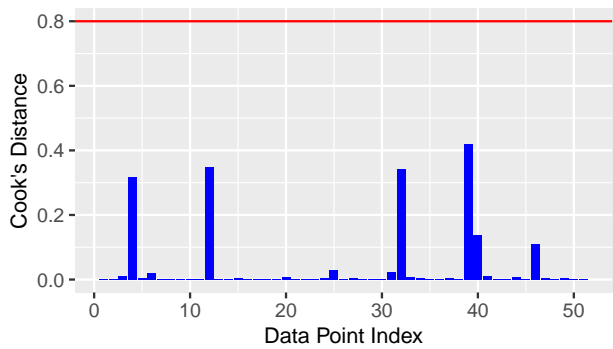
Cook's Distance with Cutoff at 50% Percentile of F(3, 49) Distrib

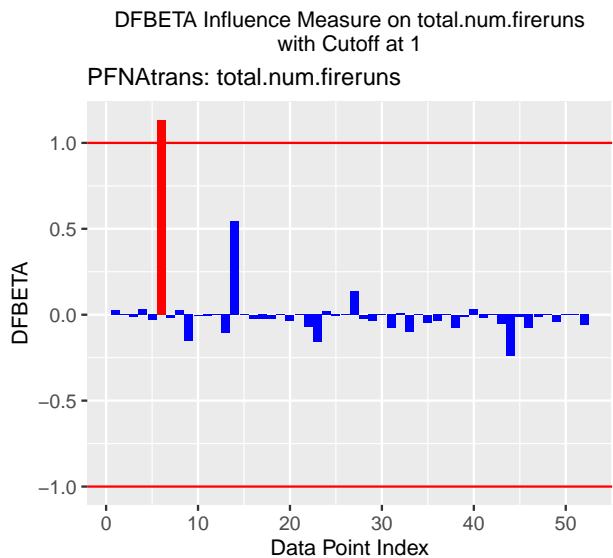
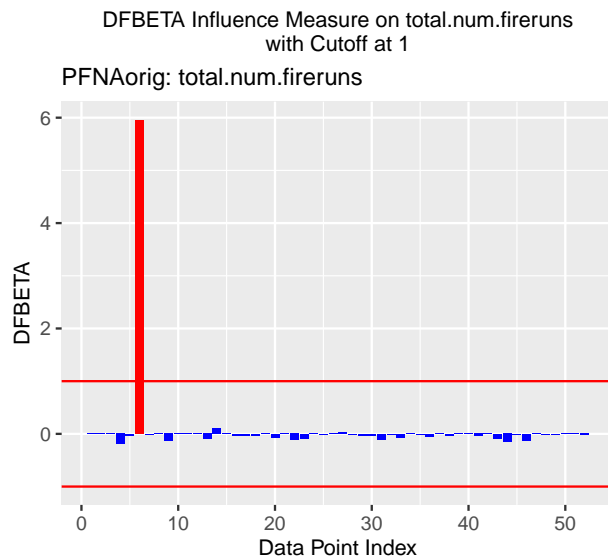
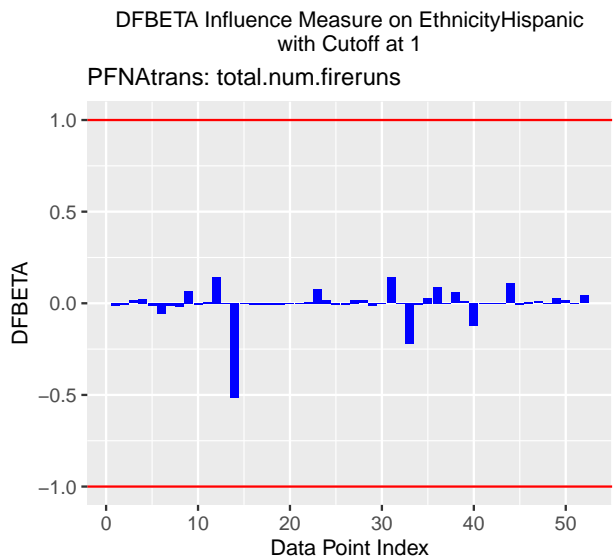
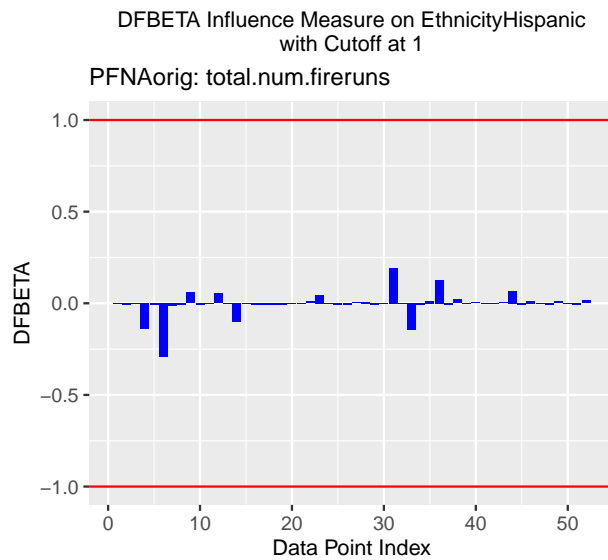
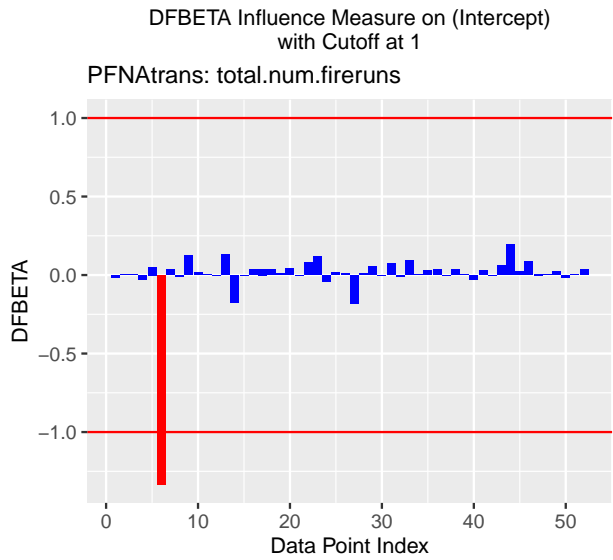
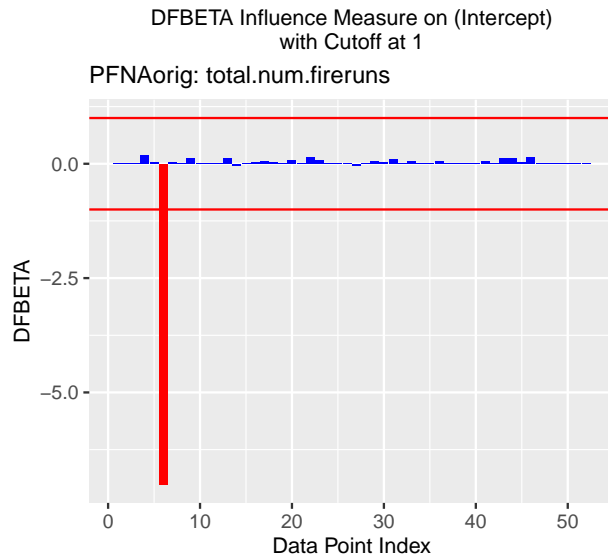
PFNAtrans: total.num.fireruns transformed values

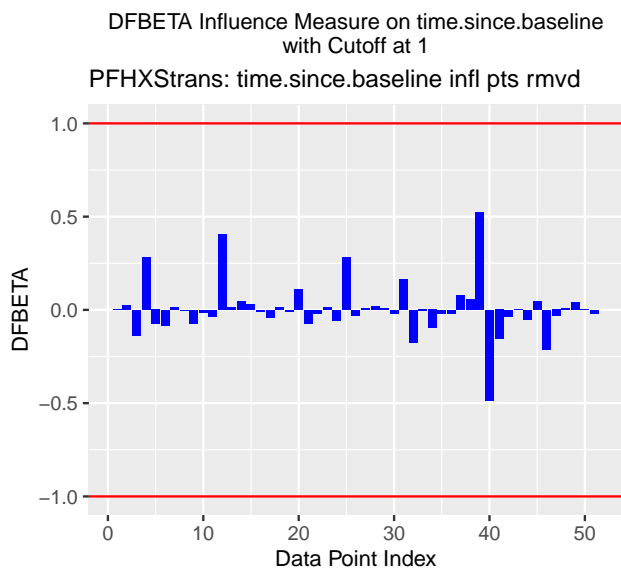
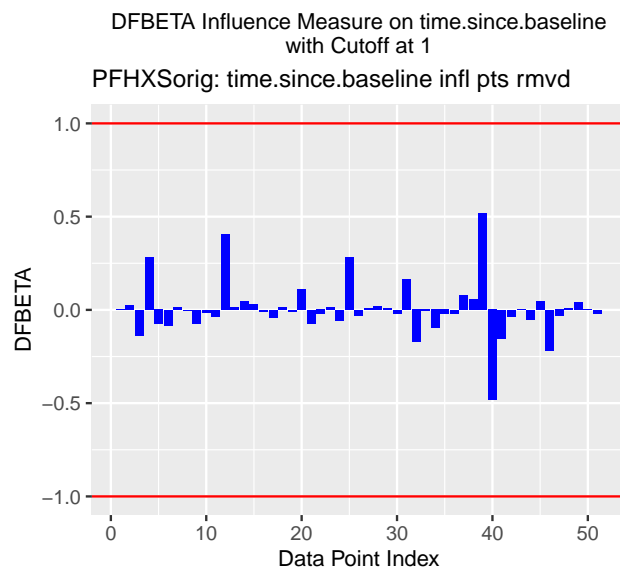
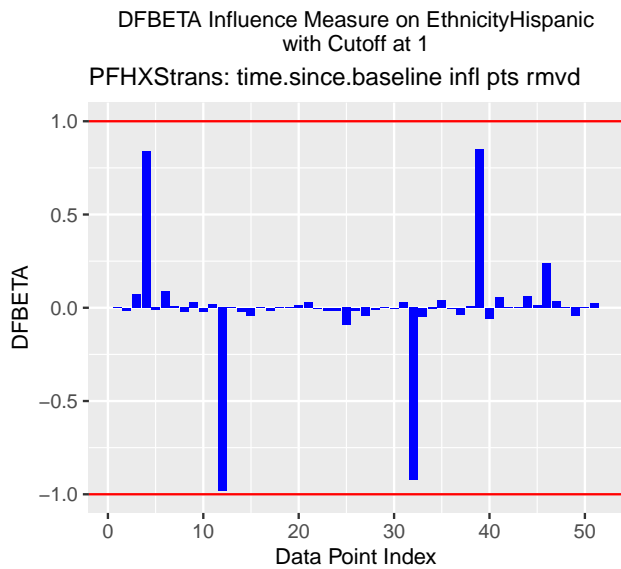
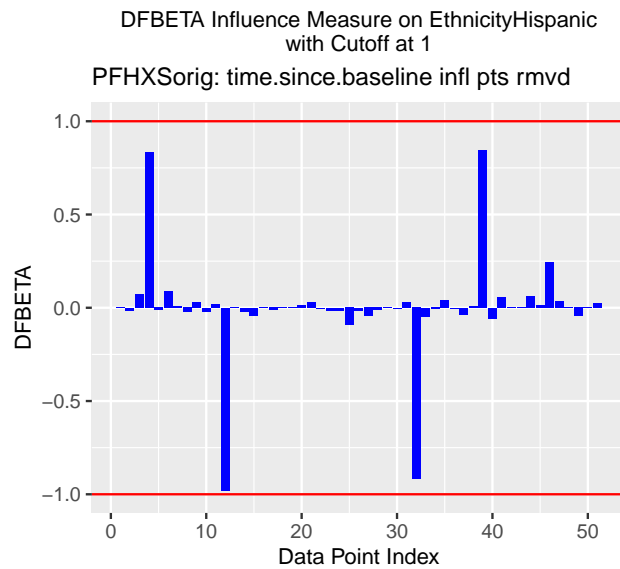
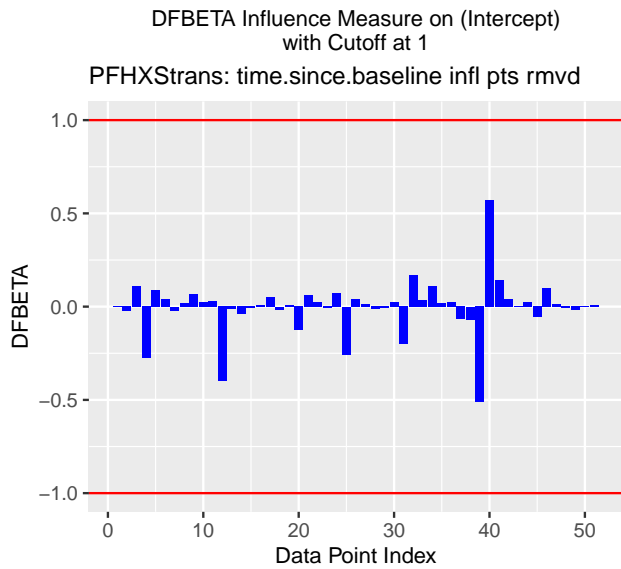
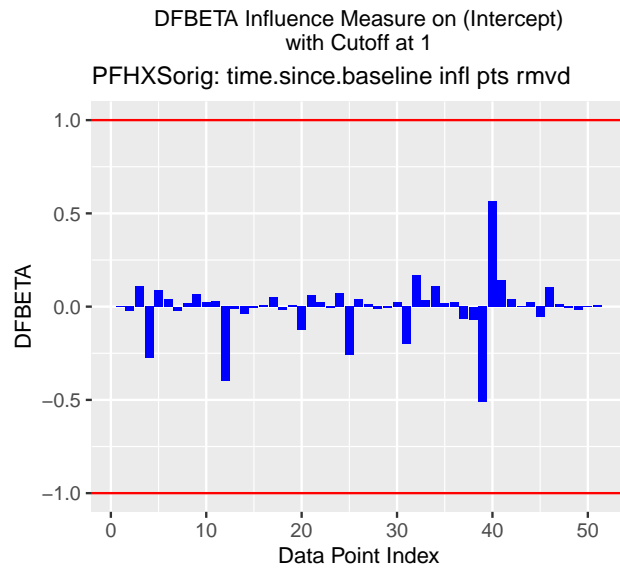


Cook's Distance with Cutoff at 50% Percentile of F(3, 48) Distrib

PFHXStrans: time.since.baseline Infl pts rmvd







[1] “No influential DFBETA points” [1] “str.num.fireruns”

Table 78: PFNA Change Score + Total Number of Structural Fireruns Models

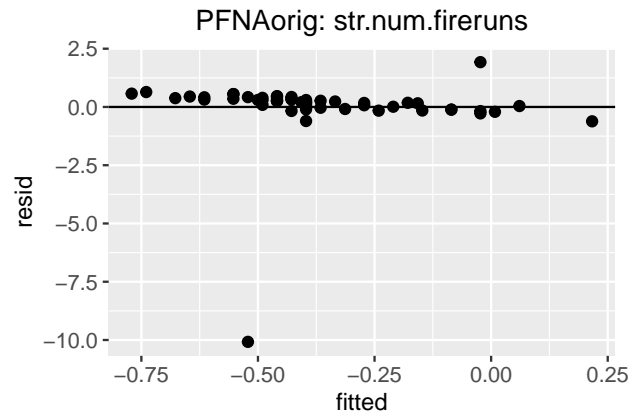
	<i>Dependent variable:</i>
	PFNAorig Orig outcome: all data
Constant	−0.895 t = −1.558 p = 0.126
str.num.fireruns	0.031 t = 0.947 p = 0.349
EthnicityHispanic	−0.010 t = −0.014 p = 0.989
Observations	52
R <sup>2</sup>	0.020
Adjusted R <sup>2</sup>	−0.020
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 79: PFNA Change Score + Total Number of Structural Fireruns Models

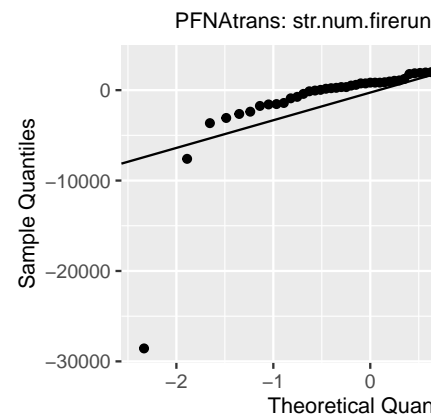
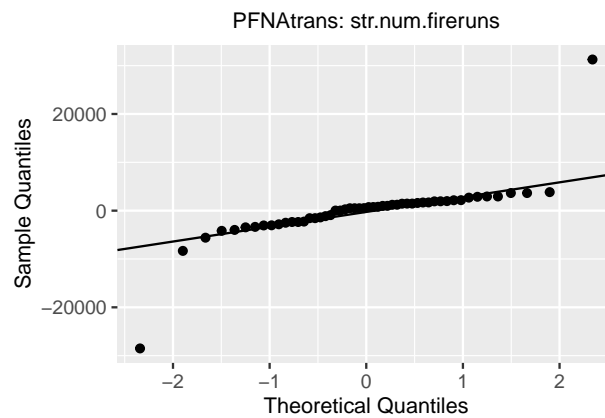
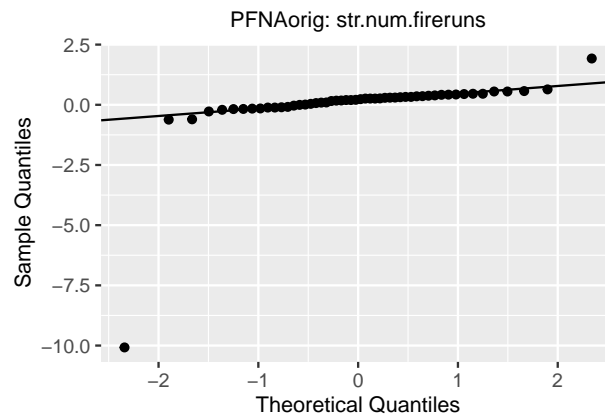
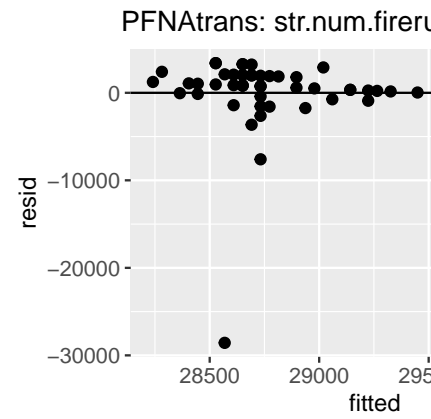
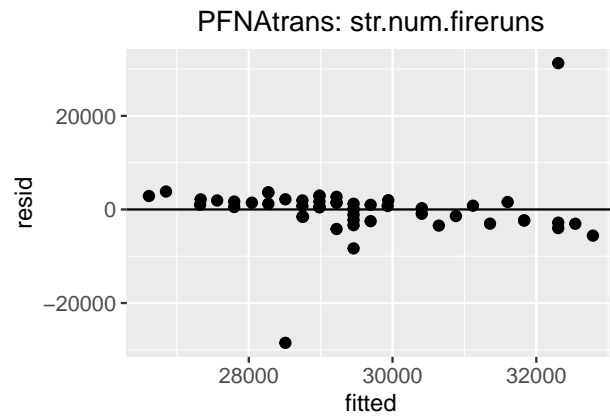
No points removed
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Table 80: PFNA Change Score + Total Number of Structural Fireruns Models

	<i>Dependent variable:</i>	
	PFNAtrans Orig outcome: all data	Orig outcome: infl pts rmvd
	(1)	(2)
Constant	25,662.060 t = 10.189 p = 0.000***	28,076.980 t = 15.417 p = 0.000***
str.num.fireruns	237.236 t = 1.644 p = 0.107	40.961 t = 0.386 p = 0.702
EthnicityHispanic	−1,415.166 t = −0.467 p = 0.643	716.942 t = 0.330 p = 0.744
Observations	52	51
R <sup>2</sup>	0.052	0.008
Adjusted R <sup>2</sup>	0.014	−0.033
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01	



No points removed

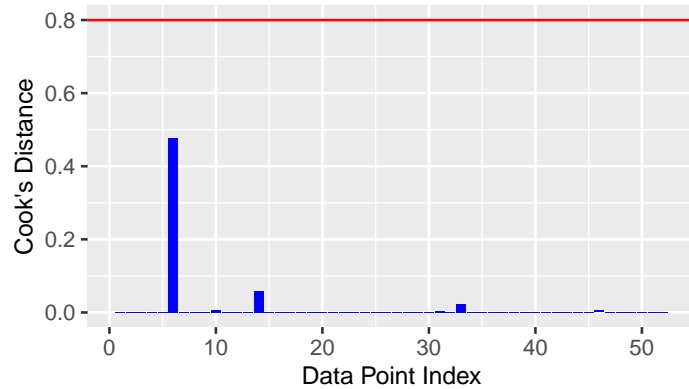


[1] "No influential points removed"



Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution

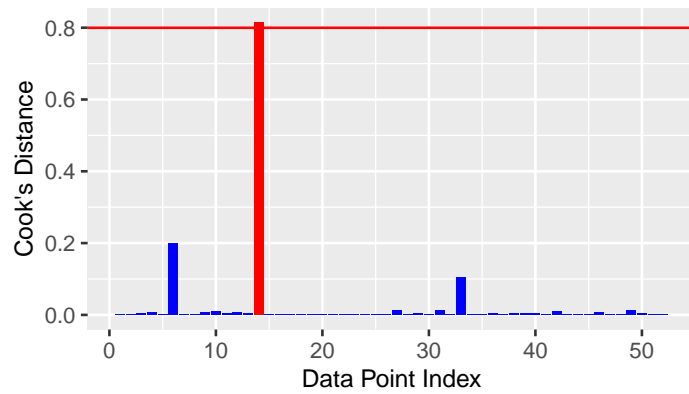
PFNAorig: str.num.fireruns original values

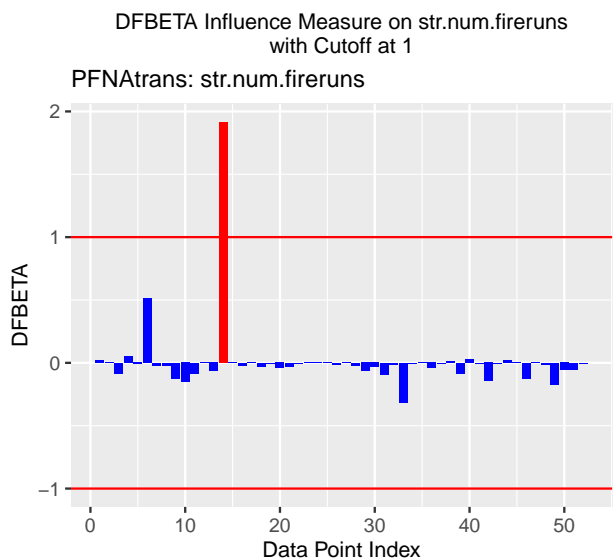
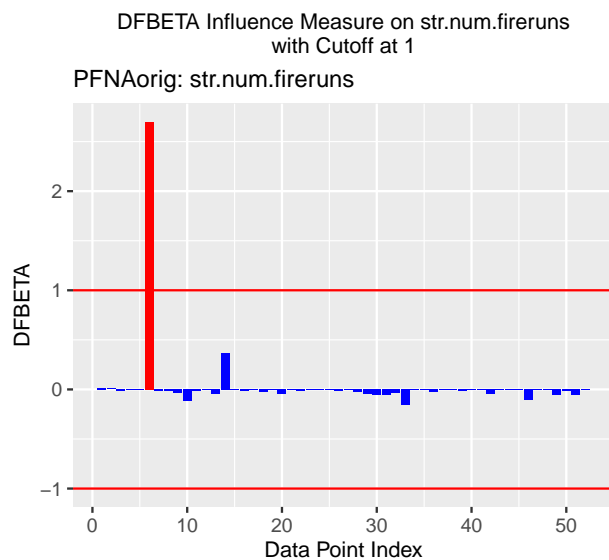
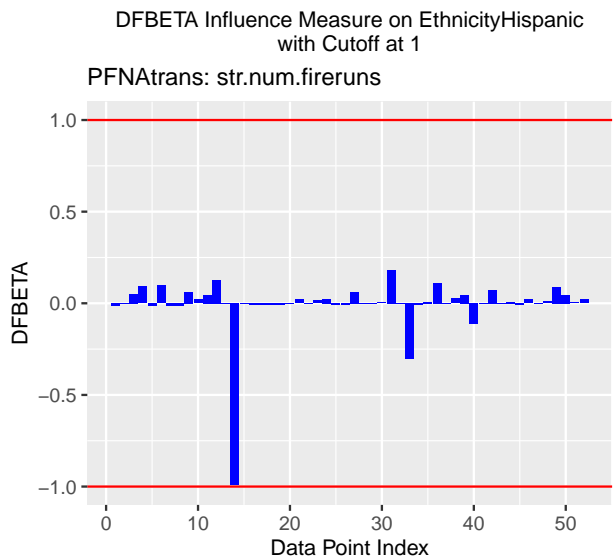
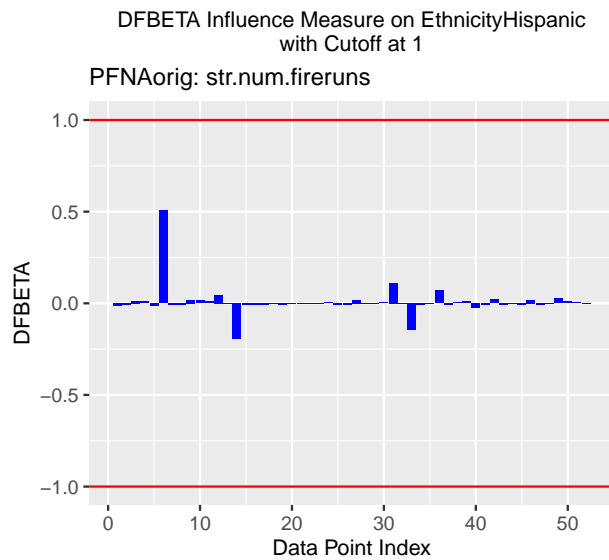
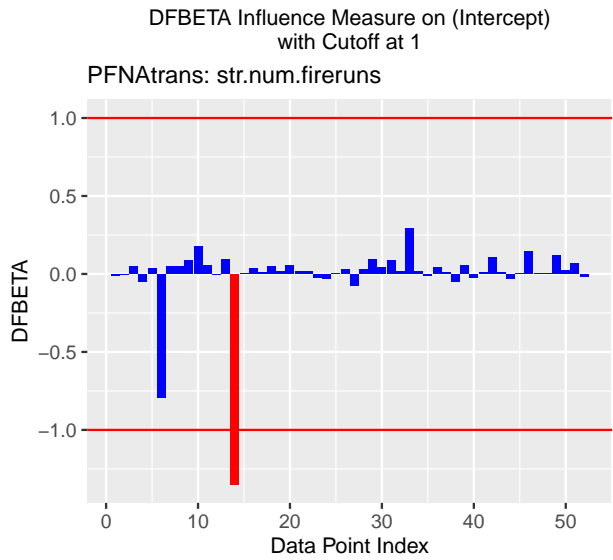
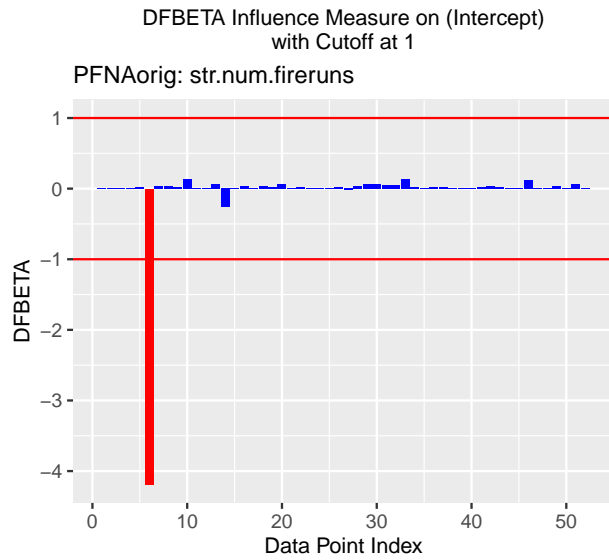


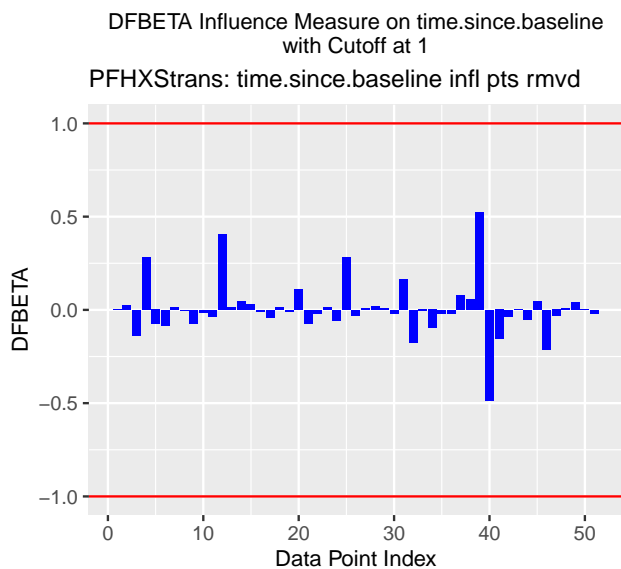
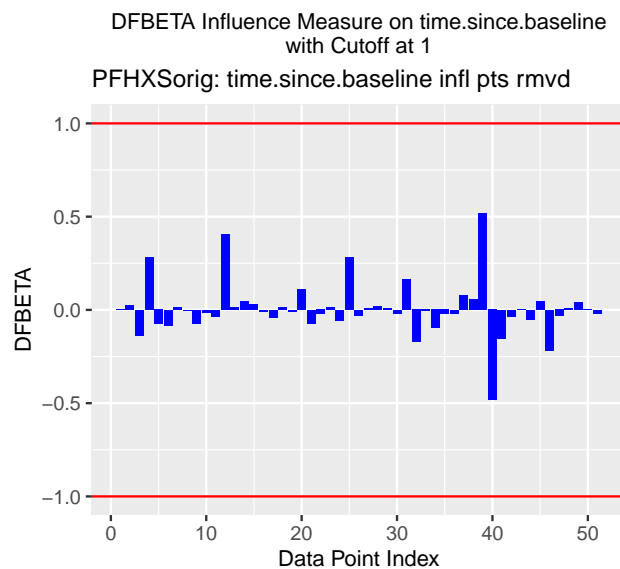
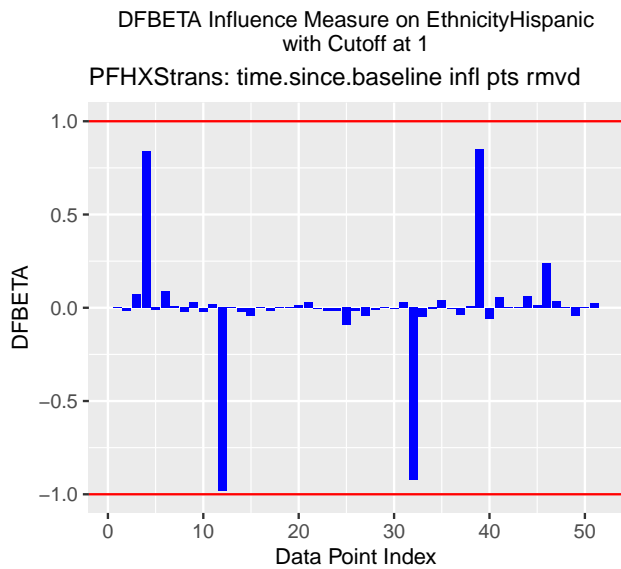
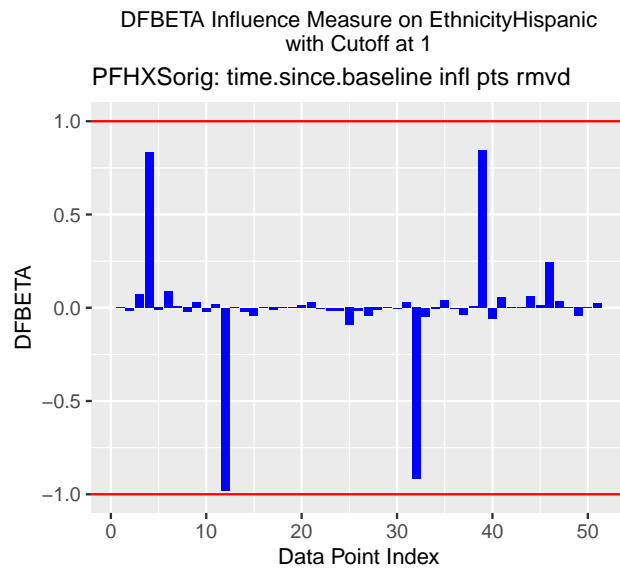
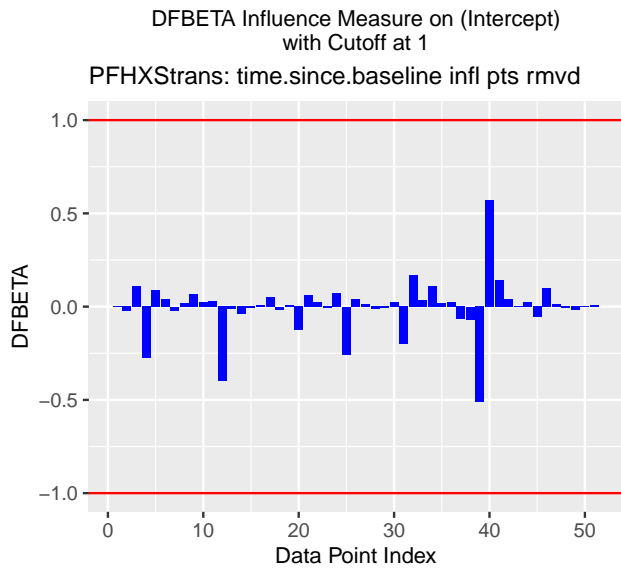
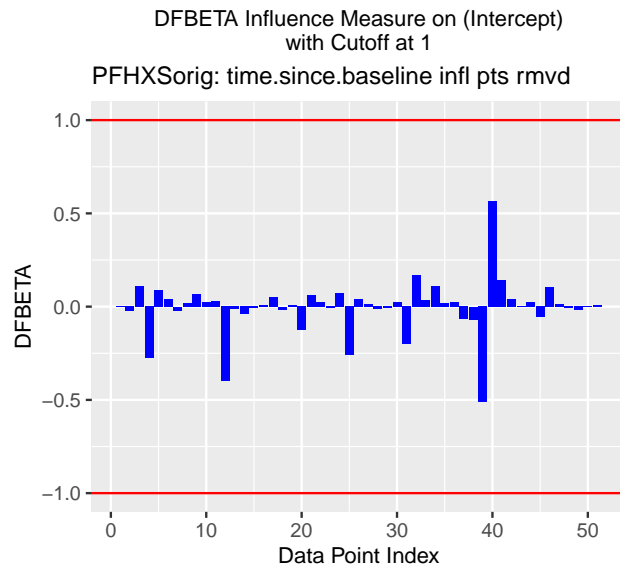
No influential points removed

Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution

PFNAtrans: str.num.fireruns transformed values







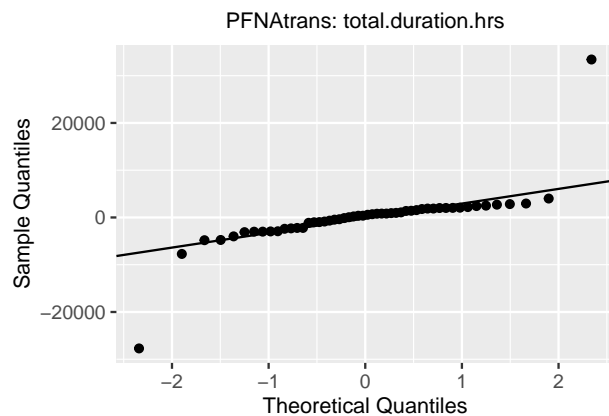
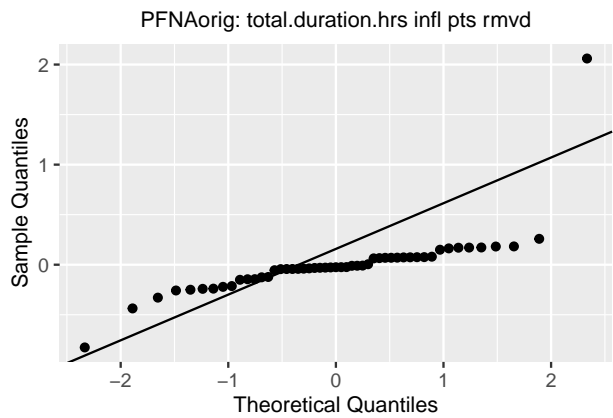
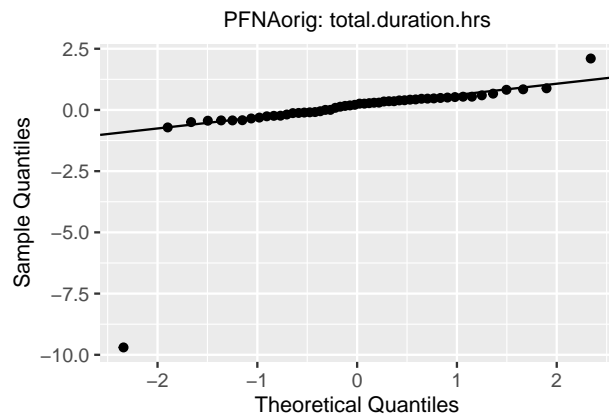
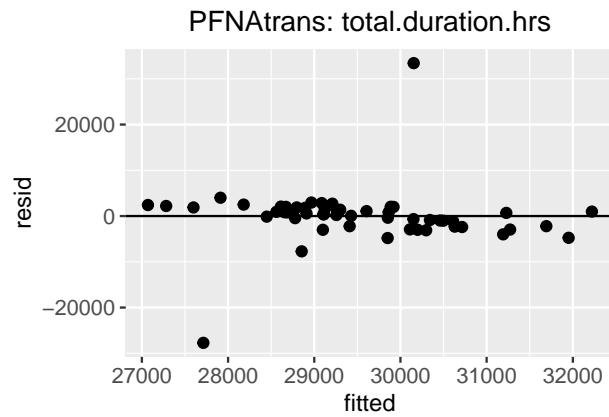
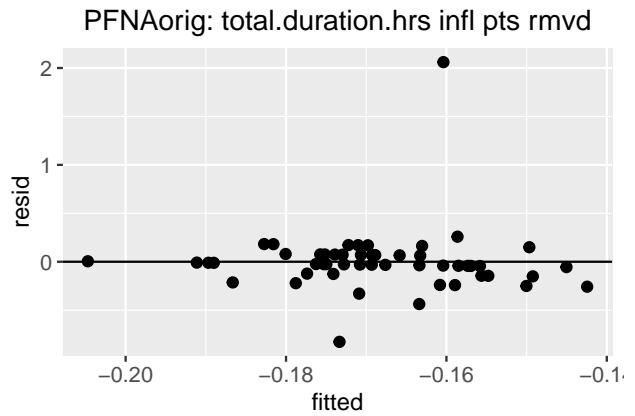
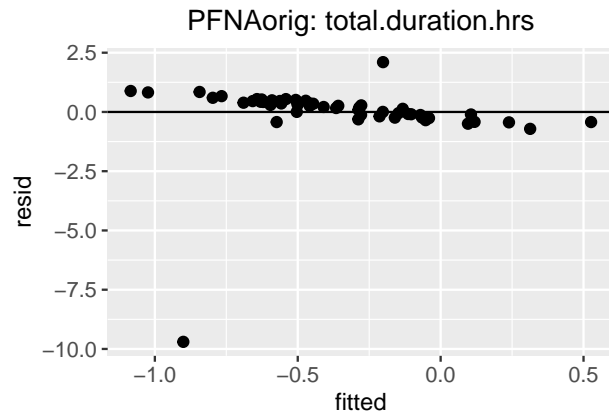
[1] “No influential DFBETA points” [1] “total.duration.hrs”

Table 81: PFNA Change Score + Models

	<i>Dependent variable:</i>		
	PFNAorig		PFNAtrans
	Orig outcome: all data	Orig outcome: infl pts rmvd	Trans Outcome: all data
	(1)	(2)	(3)
Constant	-1.406 t = -2.080 p = 0.043**	-0.202 t = -1.211 p = 0.233	25,949.090 t = 8.523 p = 0.000***
total.duration.hrs	0.039 t = 1.583 p = 0.120	0.001 t = 0.225 p = 0.824	137.374 t = 1.226 p = 0.226
EthnicityHispanic	-0.176 t = -0.257 p = 0.799	-0.030 t = -0.181 p = 0.858	-1,089.518 t = -0.352 p = 0.727
Observations	52	51	52
R <sup>2</sup>	0.051	0.001	0.030
Adjusted R <sup>2</sup>	0.012	-0.040	-0.010
<i>Note:</i>			*p<0.1; **p<0.05; ***p<0.01

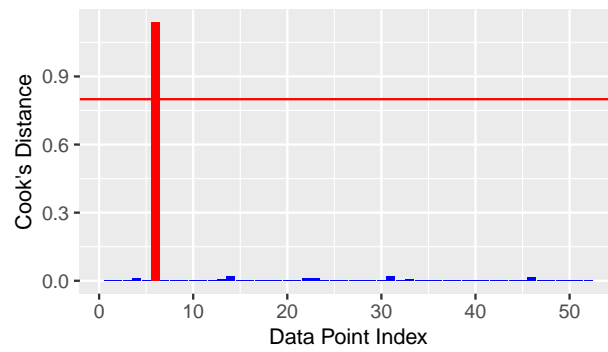
Table 82: PFNA Change Score + Models

No points removed



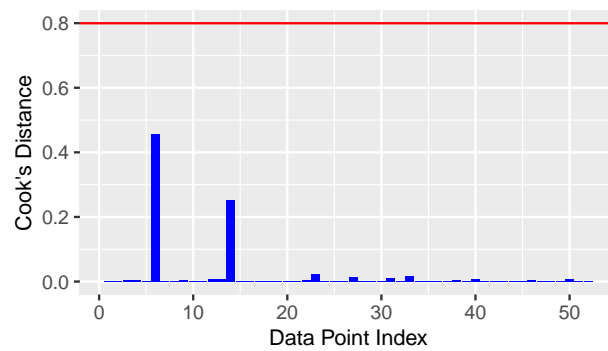
Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution

PFNAorig: total.duration.hrs original values



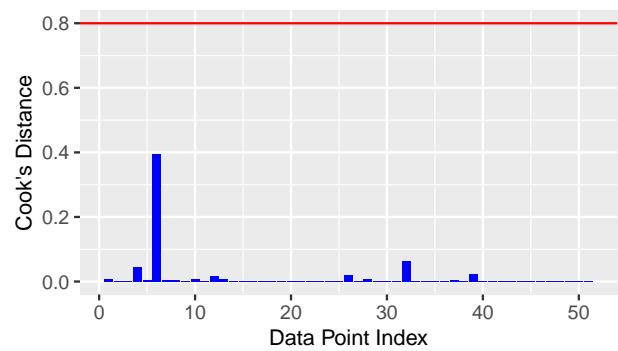
Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distrib

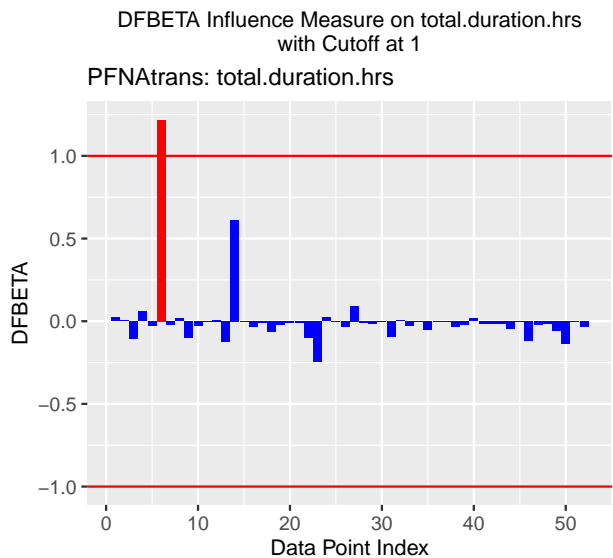
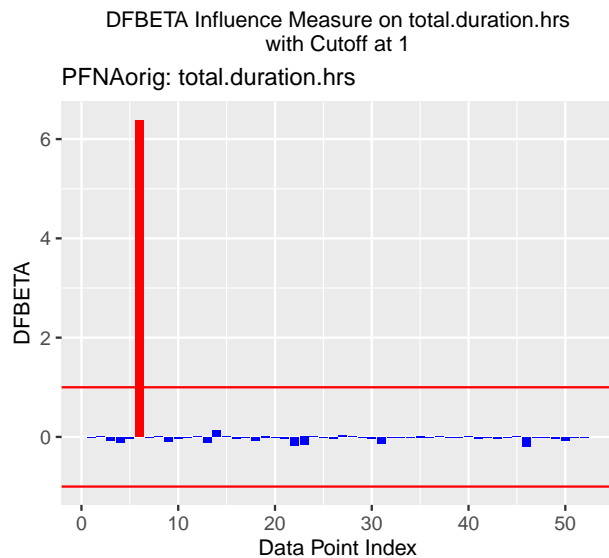
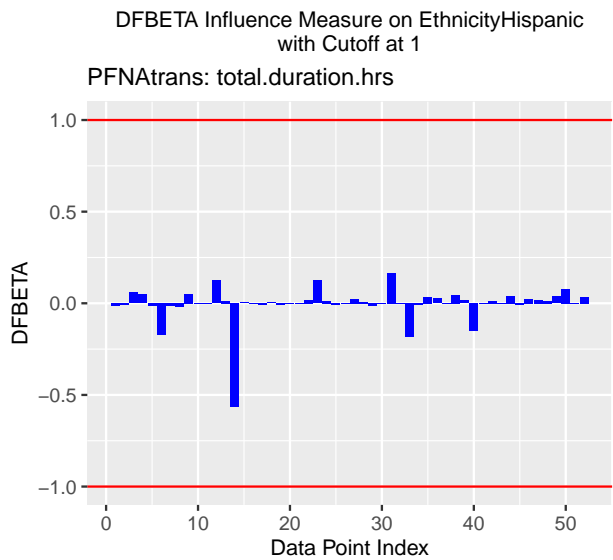
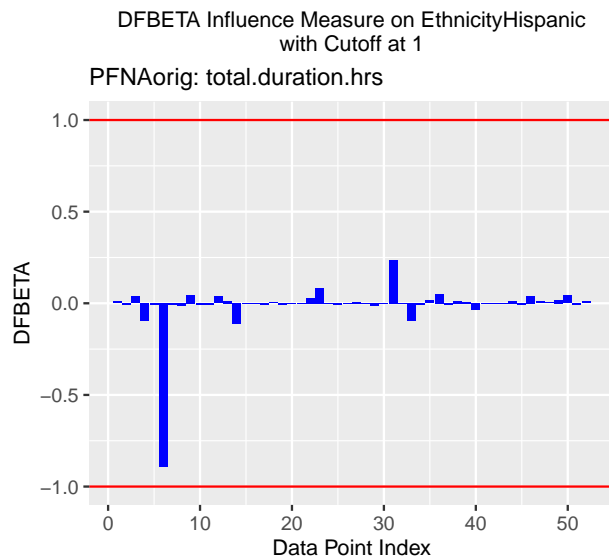
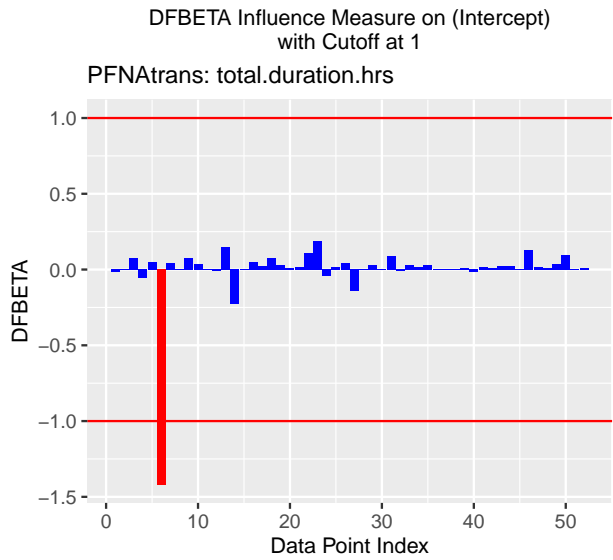
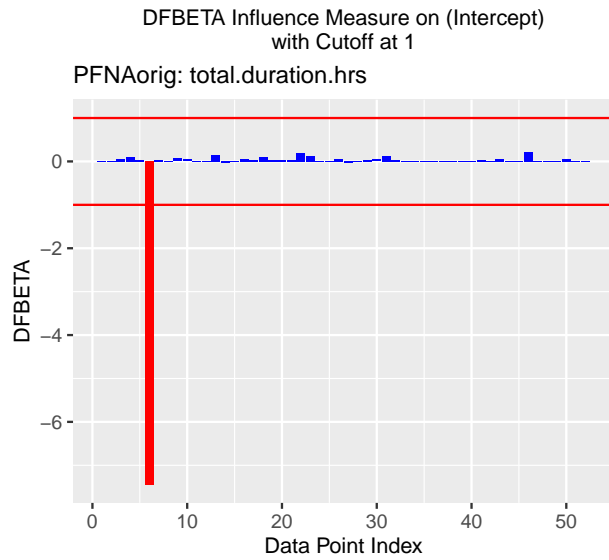
PFNAtrans: total.duration.hrs transformed values

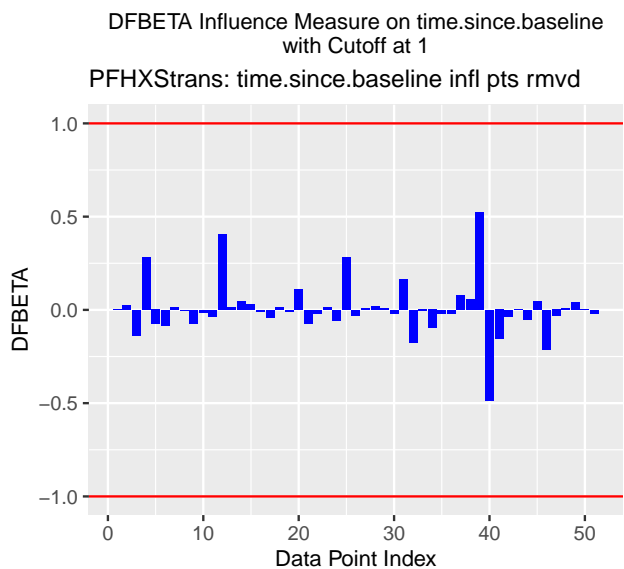
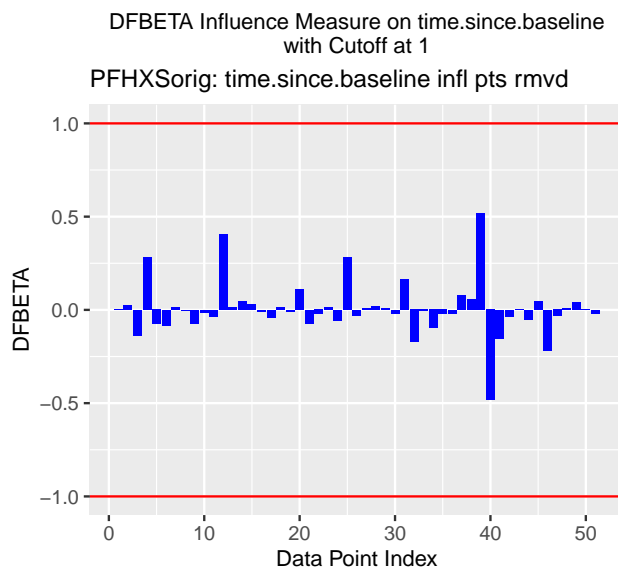
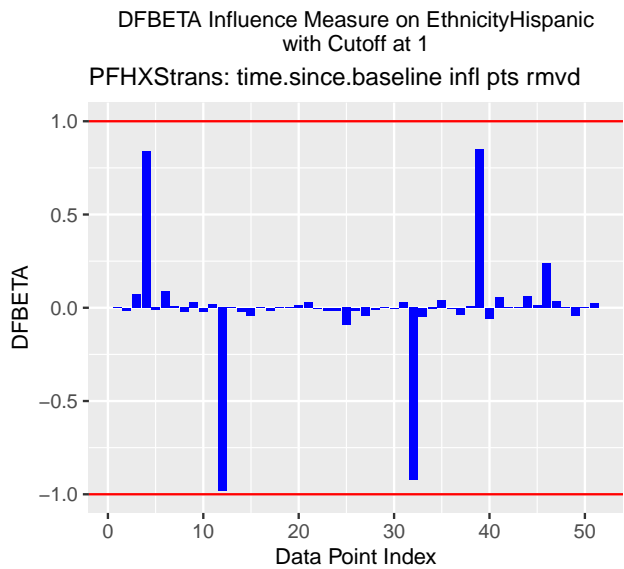
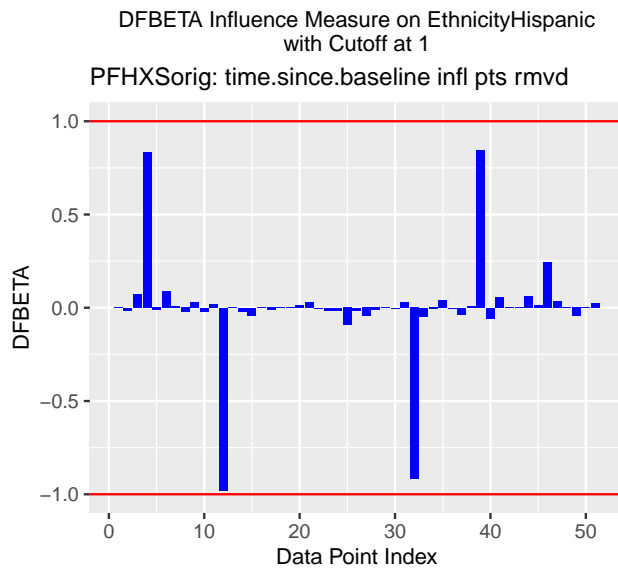
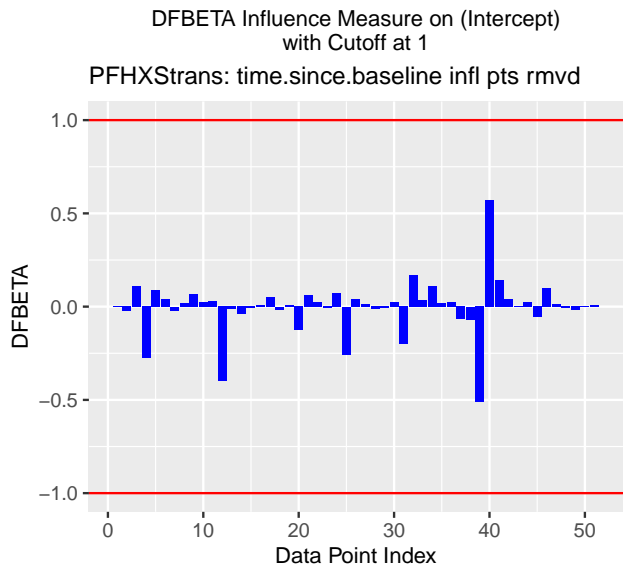
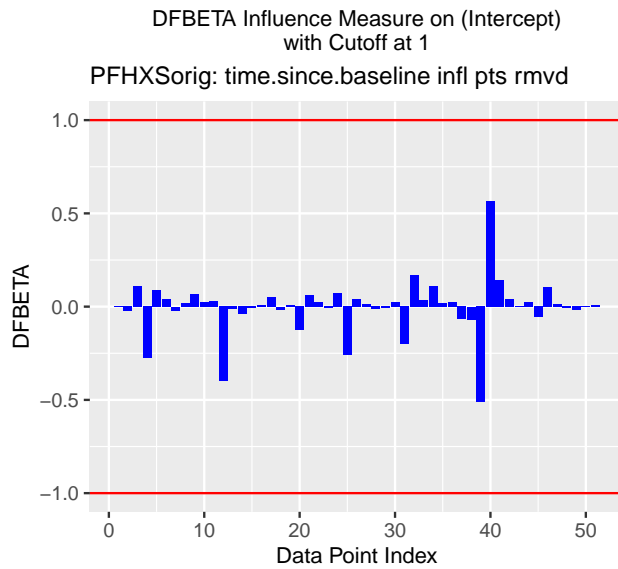


Cook's Distance with Cutoff at 50% Percentile of  $F(3, 48)$  Distrib

PFNAtrans: str.num.fireruns Infl pts rmvd









[1] “No influential DFBETA points” [1] “str.duration.hrs”

Table 83: PFNA Change Score + Models

	<i>Dependent variable:</i>
	PFNAorig Orig outcome: all data
Constant	−0.794 t = −1.530 p = 0.133
str.duration.hrs	0.031 t = 0.853 p = 0.398
EthnicityHispanic	−0.033 t = −0.046 p = 0.964
Observations	52
R <sup>2</sup>	0.017
Adjusted R <sup>2</sup>	−0.023
<i>Note:</i> *p<0.1; **p<0.05; ***p<0.01	

Table 84: PFNA Change Score + Models

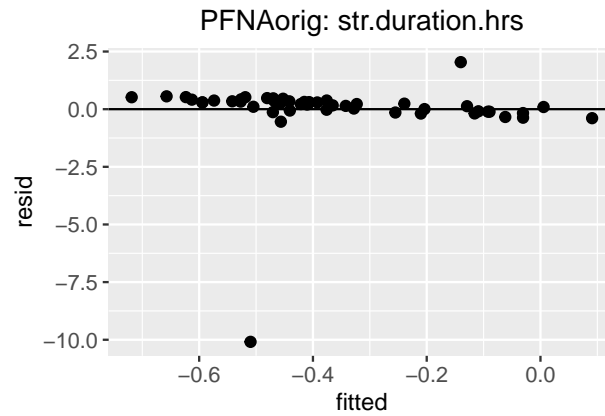
No points removed

Table 85: PFNA Change Score + Models

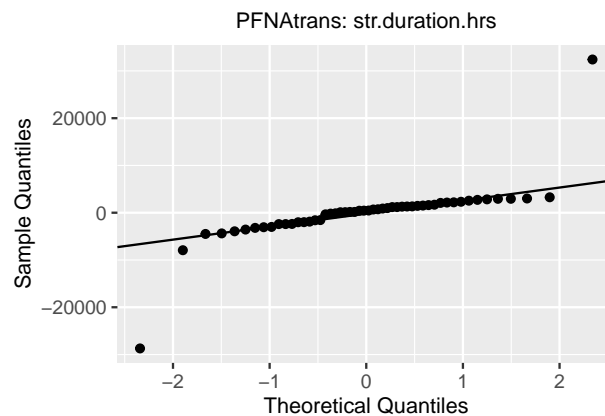
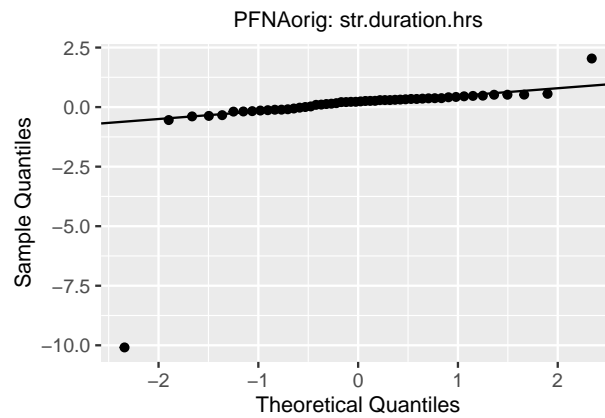
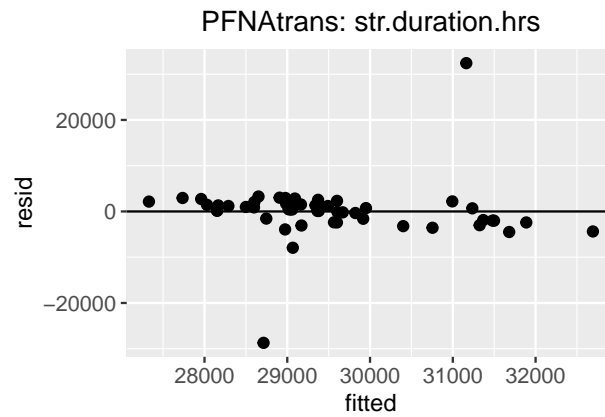
	<i>Dependent variable:</i>
	PFNAtrans Orig outcome: all data
Constant	26,832.090 t = 11.701 p = 0.000***
str.duration.hrs	205.687 t = 1.279 p = 0.207
EthnicityHispanic	−1,352.843 t = −0.429 p = 0.670
Observations	52
R <sup>2</sup>	0.032
Adjusted R <sup>2</sup>	−0.007
<i>Note:</i> *p<0.1; **p<0.05; ***p<0.01	

Table 86: PFNA Change Score + Models

No points removed



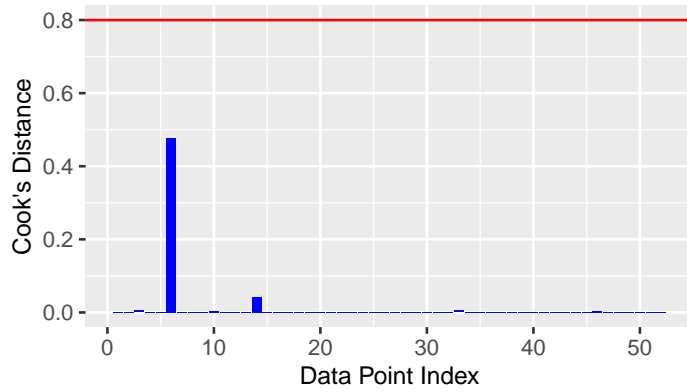
No points removed



[1] "No influential points removed"

Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution

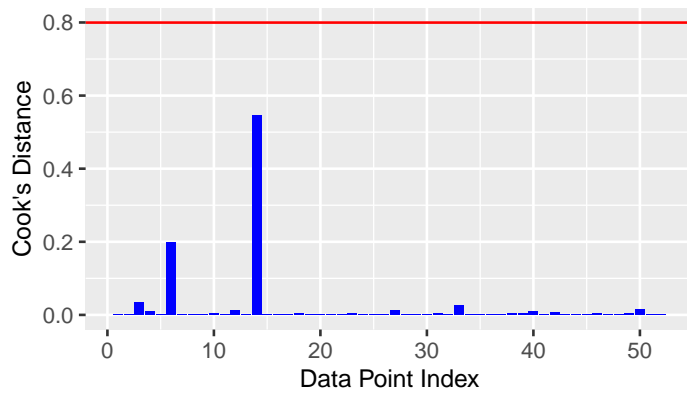
PFNAorig: str.duration.hrs original values

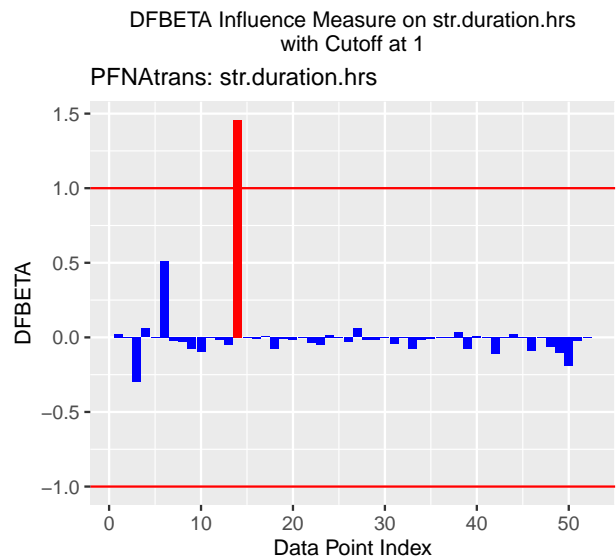
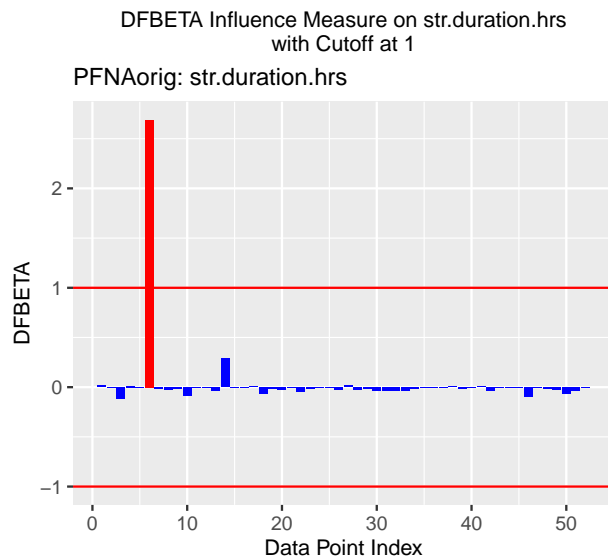
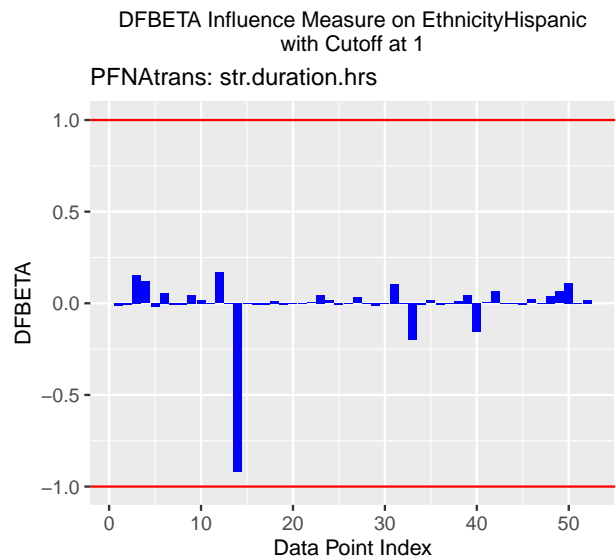
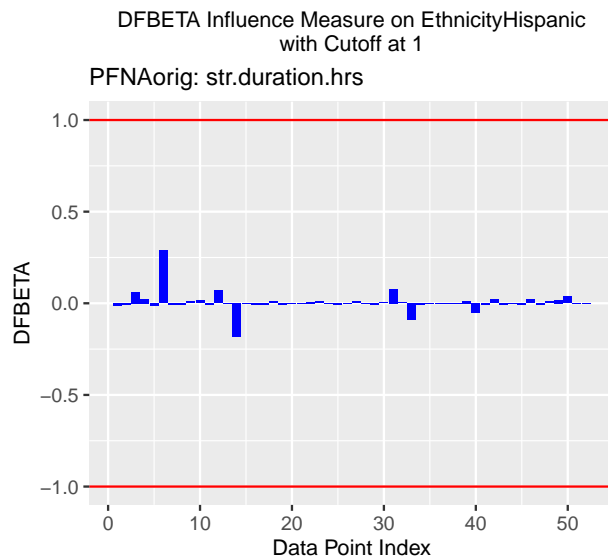
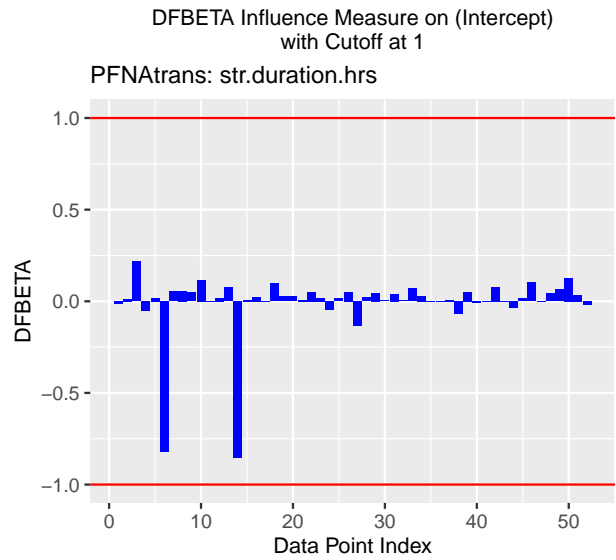
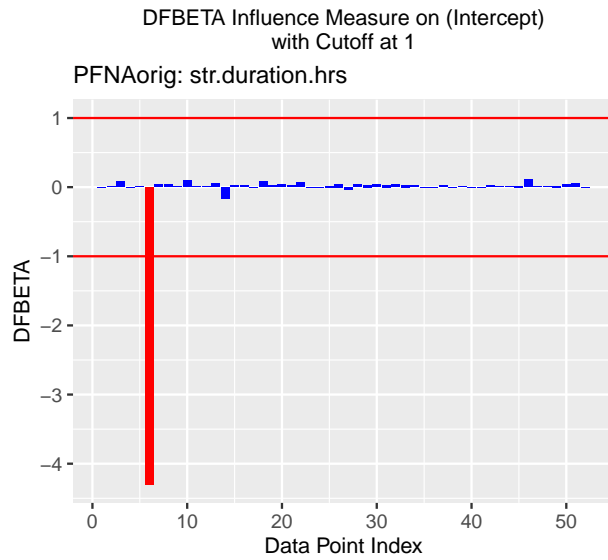


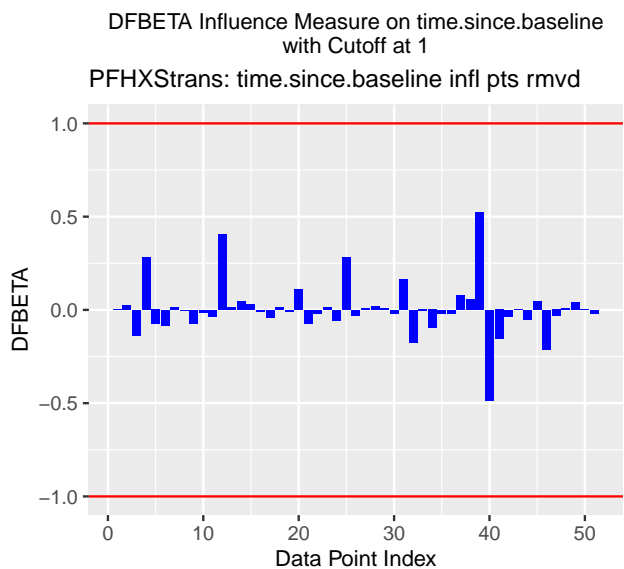
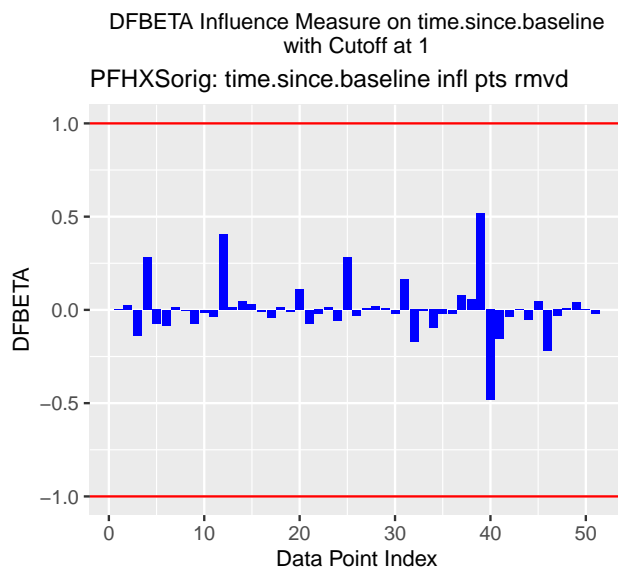
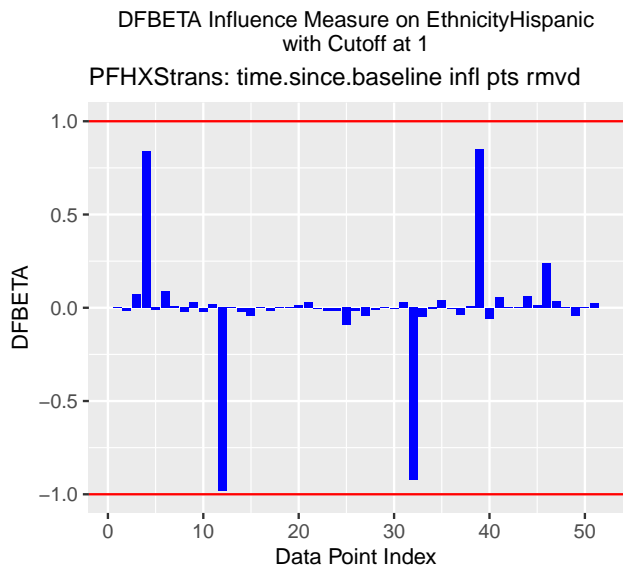
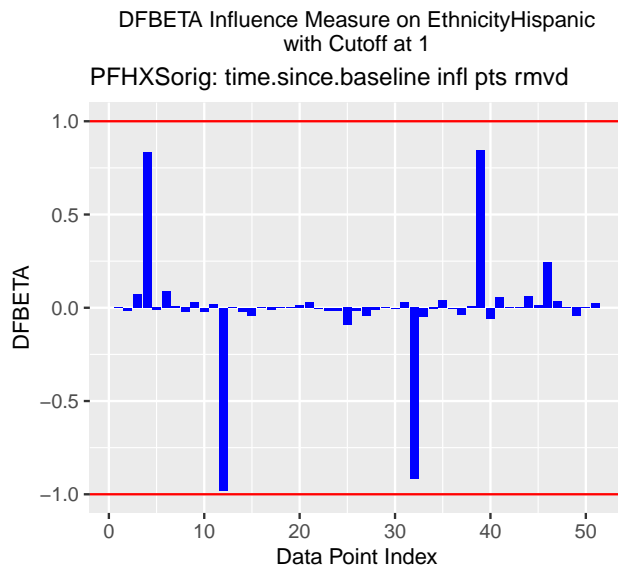
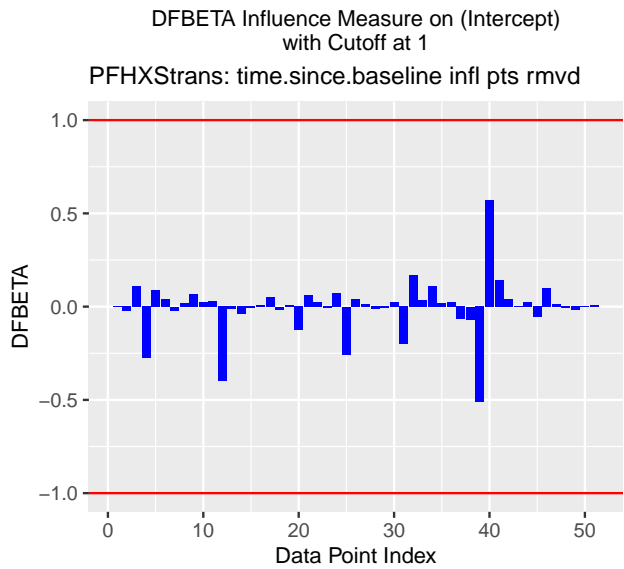
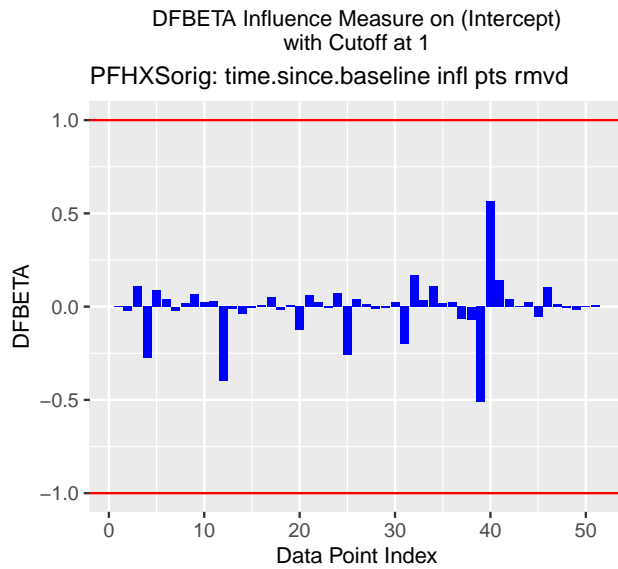
No influential points removed

Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution

PFNAtrans: str.duration.hrs transformed values







[1] “No influential DFBETA points” [1] “days.since.MRF”

Table 87: PFNA Change Score + Days Since Most Recent Fire Models

	<i>Dependent variable:</i>
	PFNAorig Orig outcome: all data
Constant	−0.486 t = −1.638 p = 0.108
days.since.MRF	0.002 t = 0.471 p = 0.640
EthnicityHispanic	0.227 t = 0.345 p = 0.732
Observations	52
R <sup>2</sup>	0.007
Adjusted R <sup>2</sup>	−0.034
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 88: PFNA Change Score + Days Since Most Recent Fire Models

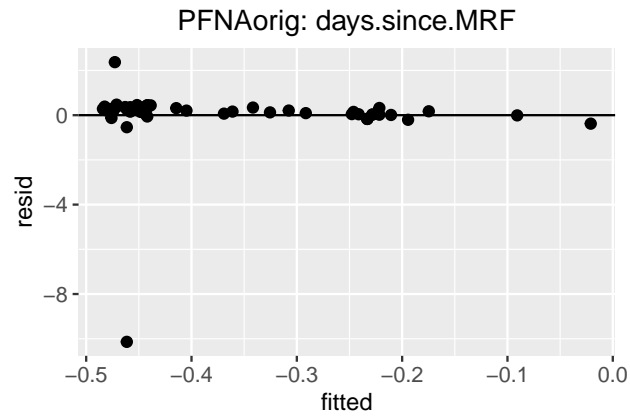
No points removed

Table 89: PFNA Change Score + Days Since Most Recent Fire Models

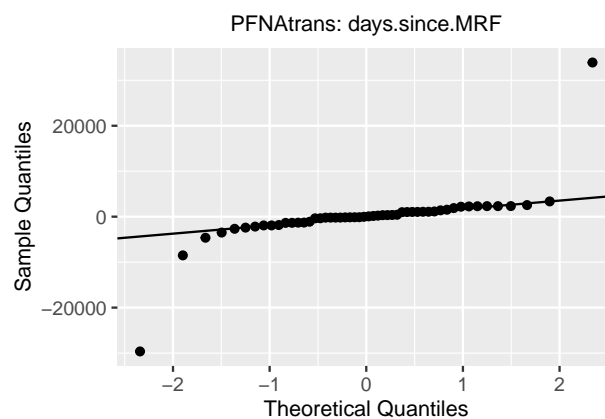
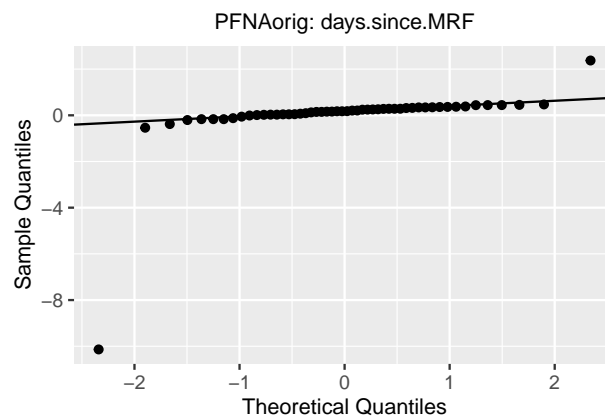
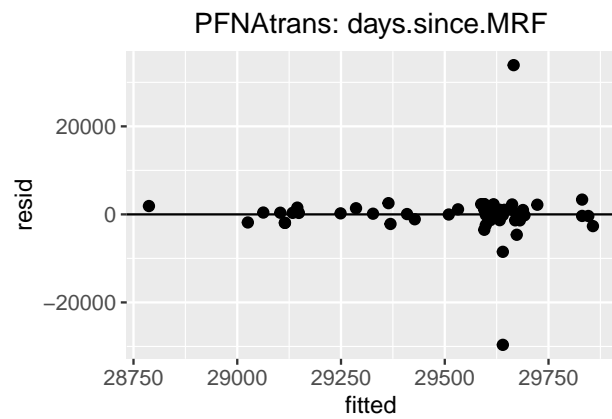
	<i>Dependent variable:</i>
	PFNAtrans Orig outcome: all data
Constant	29,695.800 t = 22.403 p = 0.000***
days.since.MRF	−3.724 t = −0.243 p = 0.810
EthnicityHispanic	220.839 t = 0.075 p = 0.941
Observations	52
R <sup>2</sup>	0.001
Adjusted R <sup>2</sup>	−0.039
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 90: PFNA Change Score + Days Since Most Recent Fire Models

No points removed



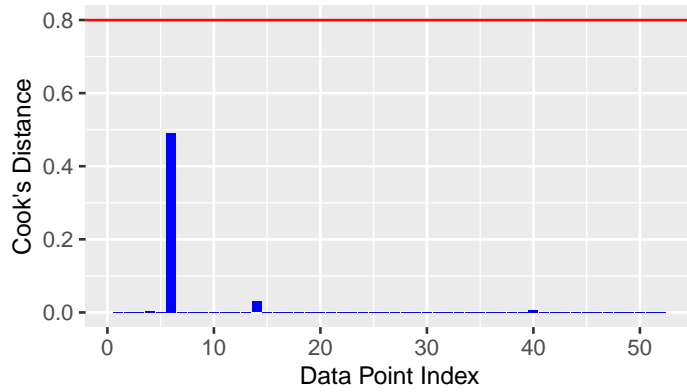
No points removed



[1] "No influential points removed"

Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution

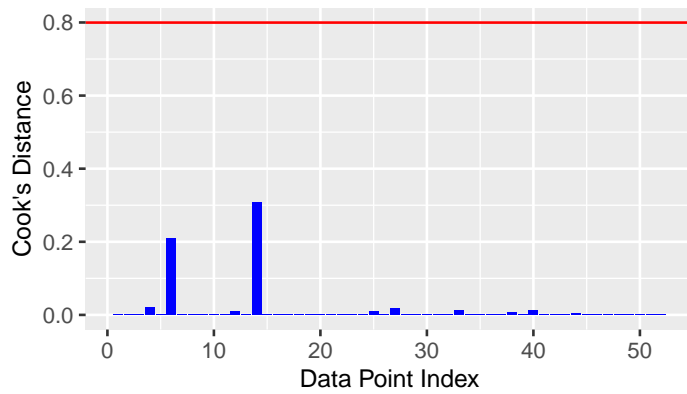
PFNAorig: days.since.MRF original values



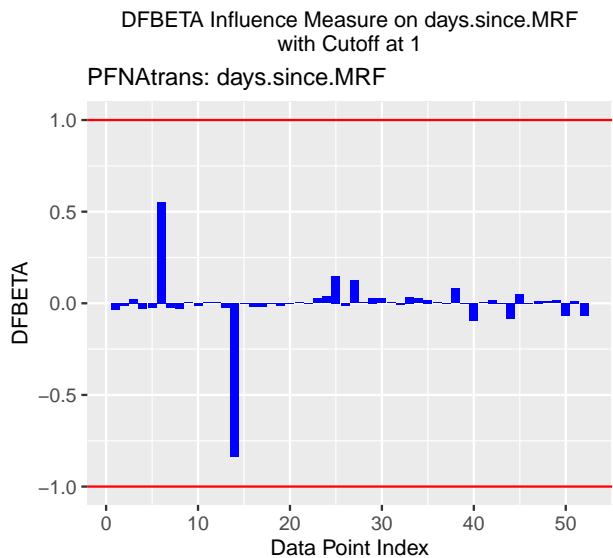
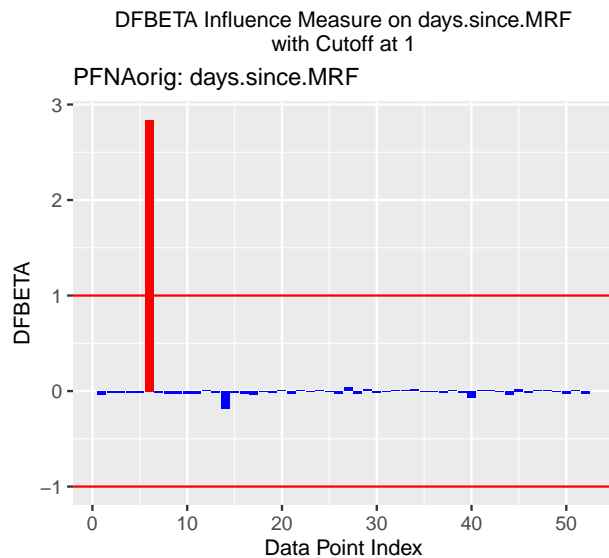
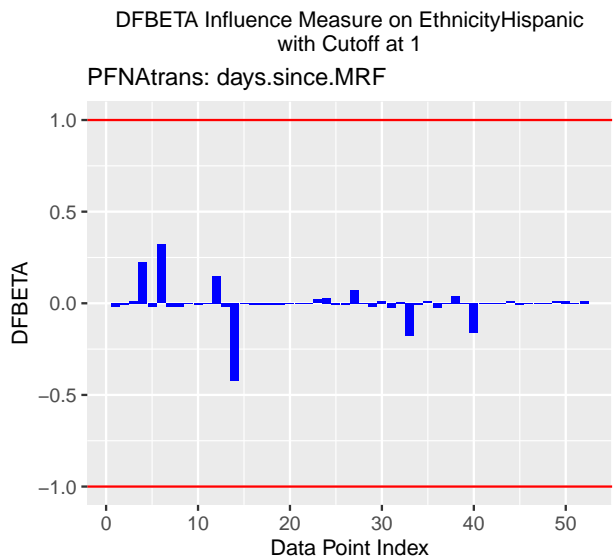
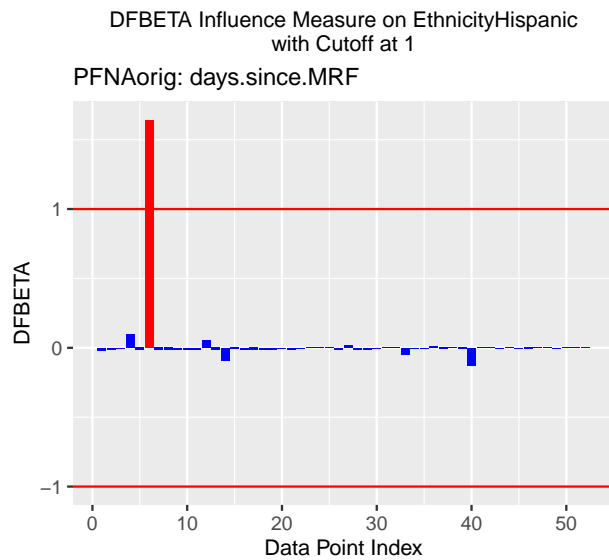
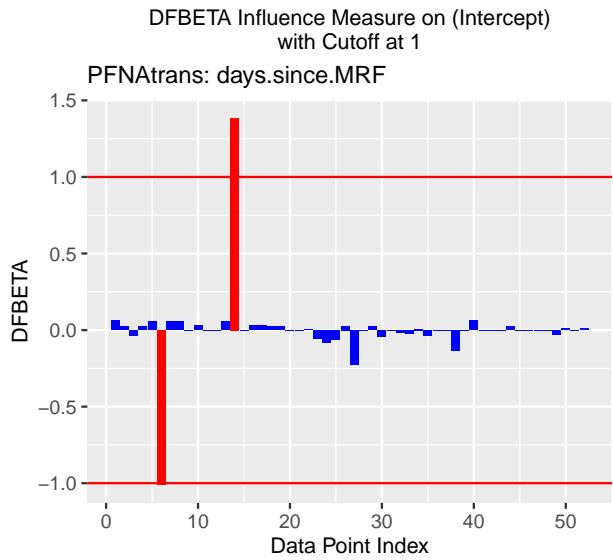
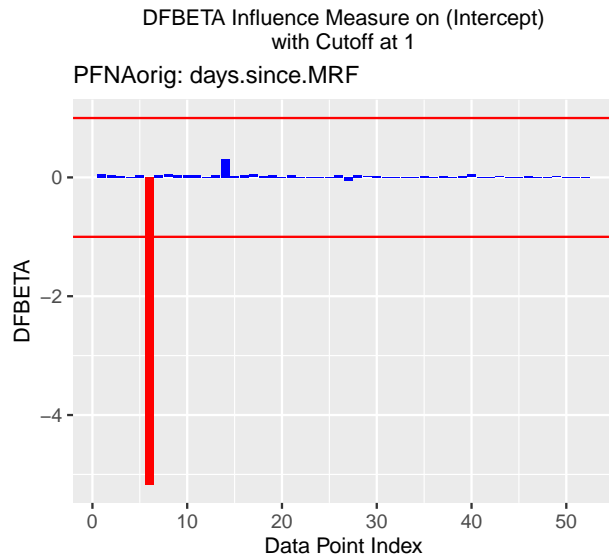
No influential points removed

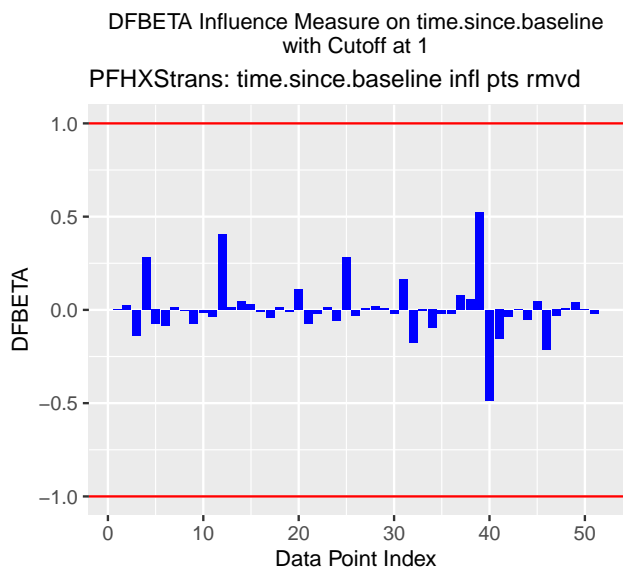
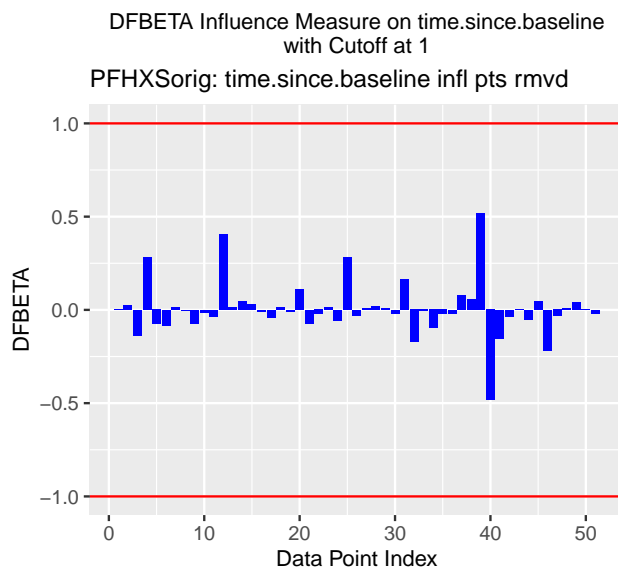
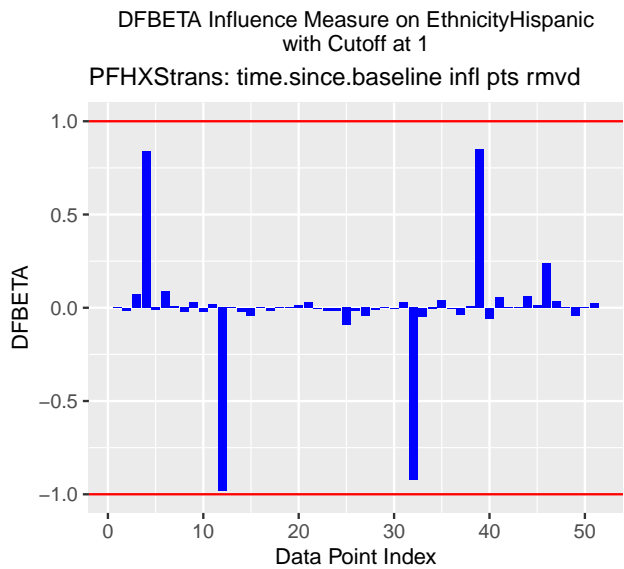
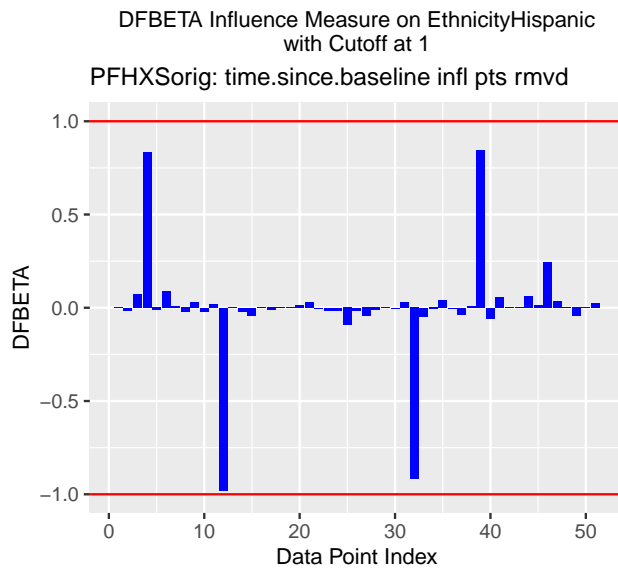
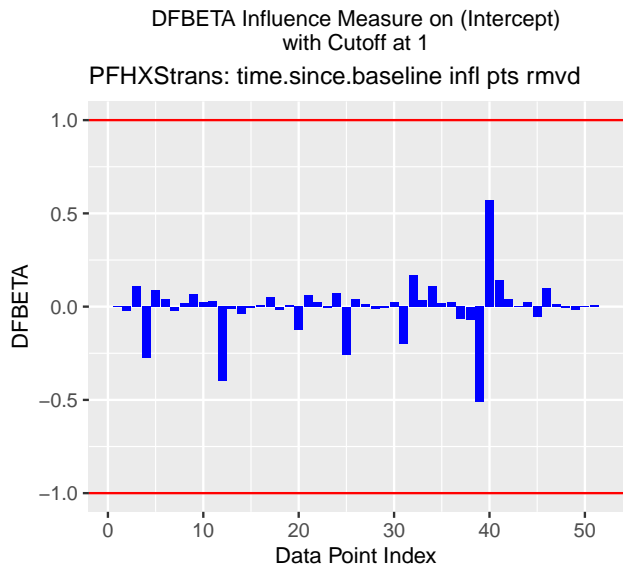
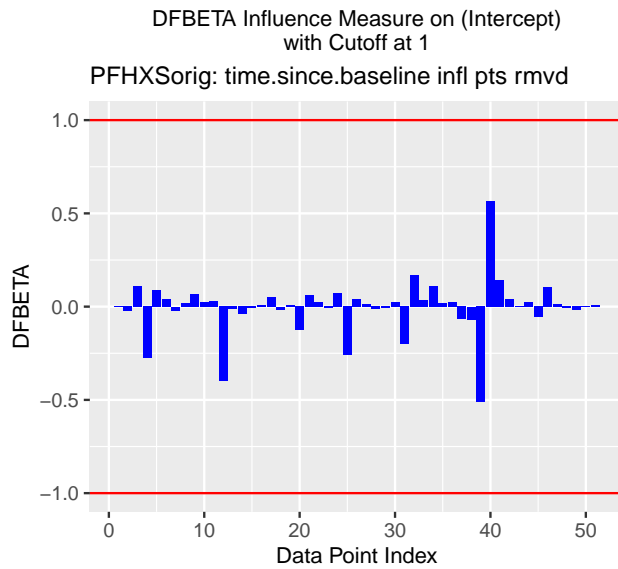
Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution

PFNAtrans: days.since.MRF transformed values









[1] “No influential DFBETA points” [1] “days.since.struc.MRF”

Table 91: PFNA Change Score + Days Since Most Recent Structural Fire Models

	<i>Dependent variable:</i>
	PFNAorig Orig outcome: all data
Constant	−0.535 t = −1.714 p = 0.093*
days.since.struc.MRF	0.002 t = 0.647 p = 0.521
EthnicityHispanic	0.255 t = 0.388 p = 0.700
Observations	52
R <sup>2</sup>	0.011
Adjusted R <sup>2</sup>	−0.030
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 92: PFNA Change Score + Days Since Most Recent Structural Fire Models

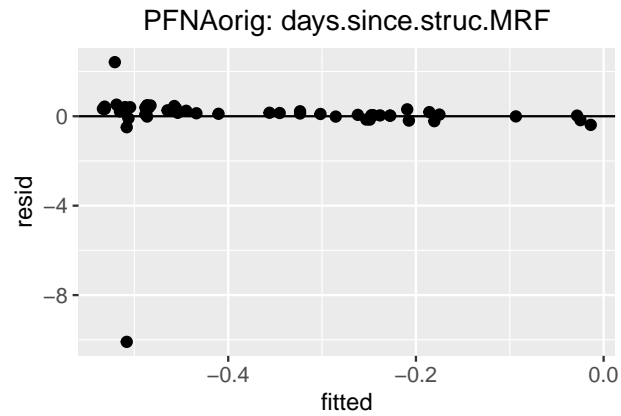
No points removed

Table 93: PFNA Change Score + Days Since Most Recent Structural Fire Models

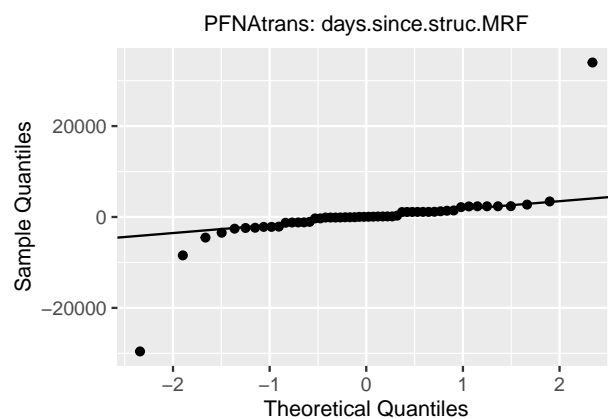
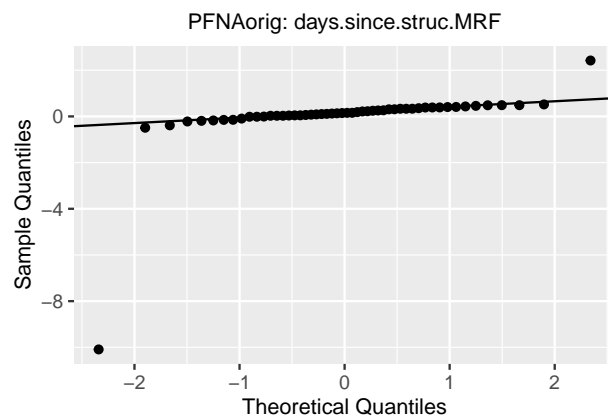
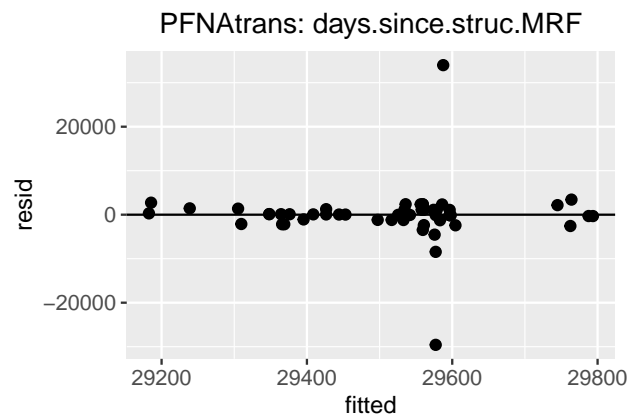
	<i>Dependent variable:</i>
	PFNAtrans Orig outcome: all data
Constant	29,599.390 t = 21.155 p = 0.000***
days.since.struc.MRF	−1.478 t = −0.118 p = 0.907
EthnicityHispanic	222.299 t = 0.075 p = 0.941
Observations	52
R <sup>2</sup>	0.0004
Adjusted R <sup>2</sup>	−0.040
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 94: PFNA Change Score + Days Since Most Recent Structural Fire Models

No points removed



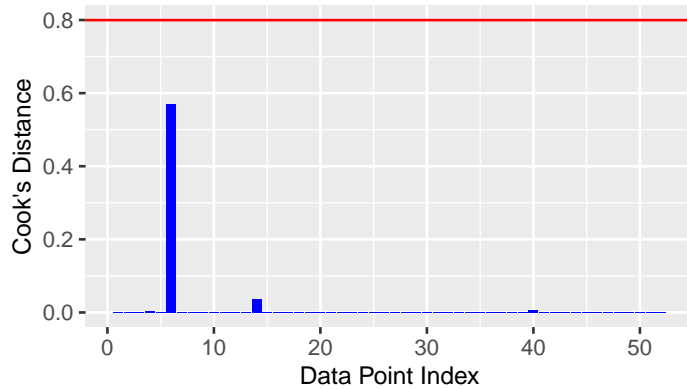
No points removed



[1] "No influential points removed"

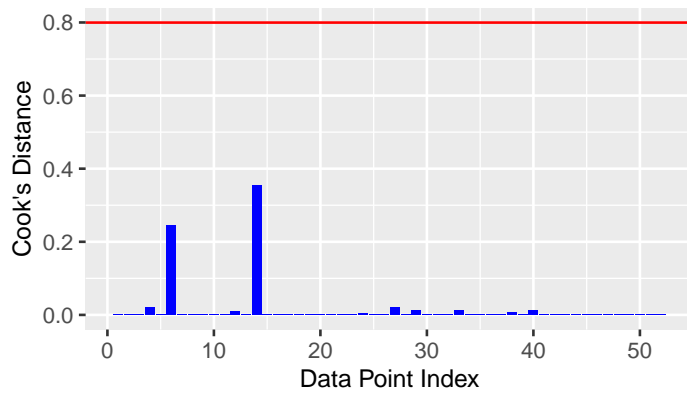
Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution

PFNAorig: days.since.struc.MRF original values

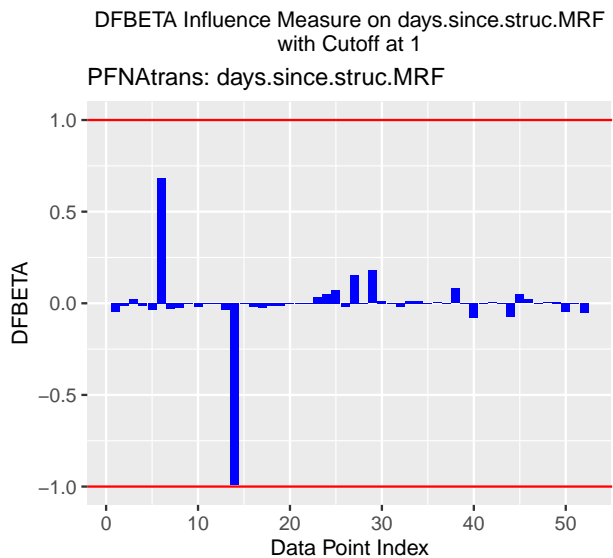
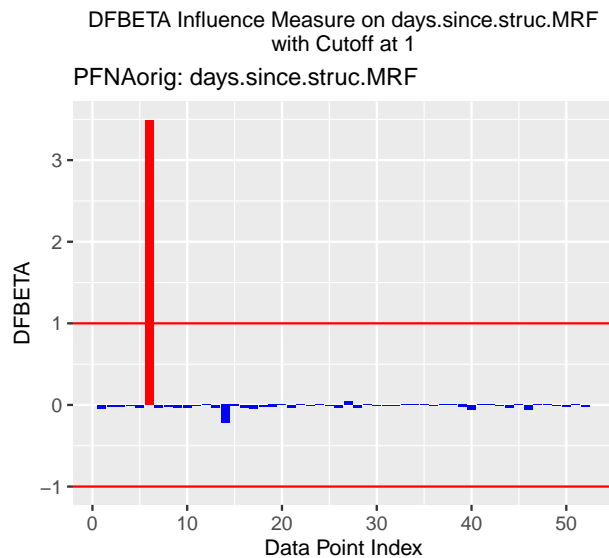
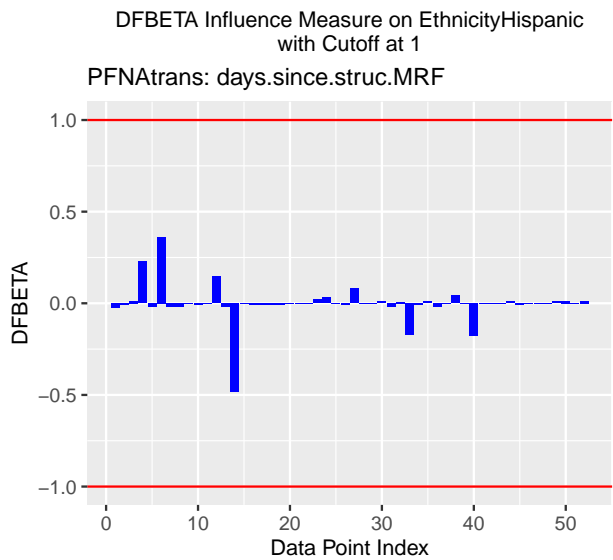
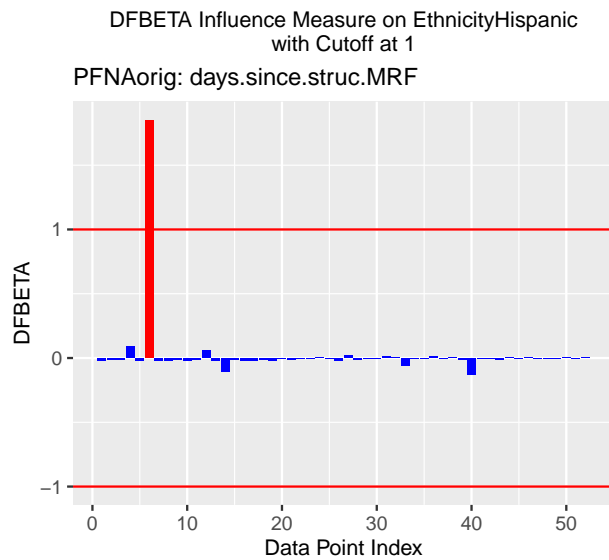
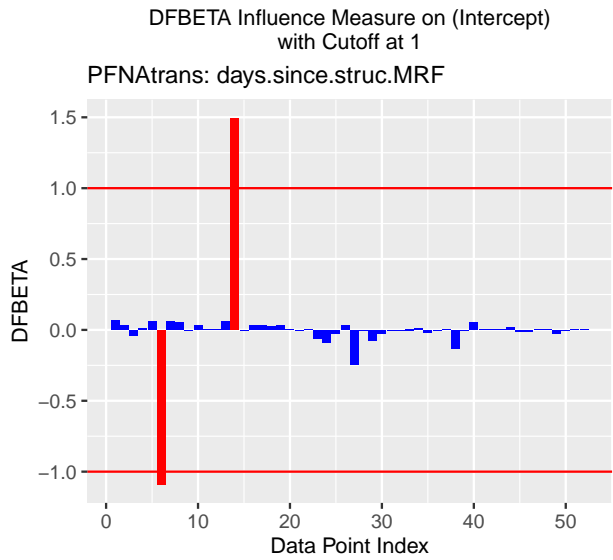
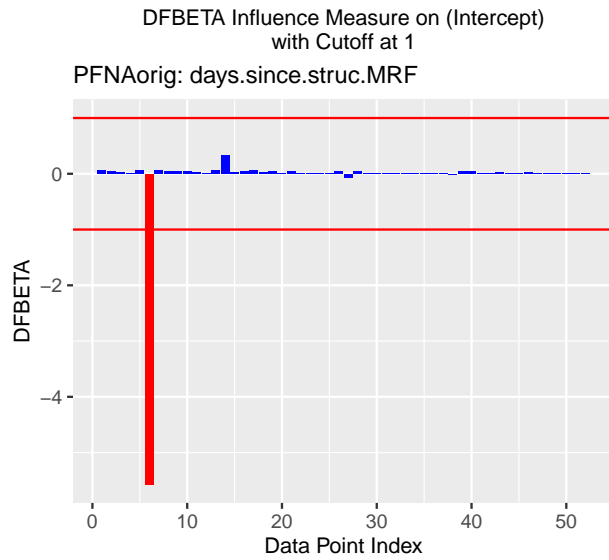


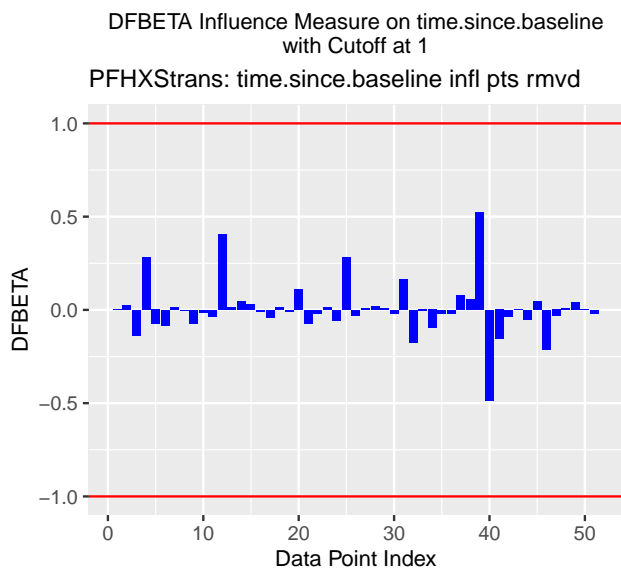
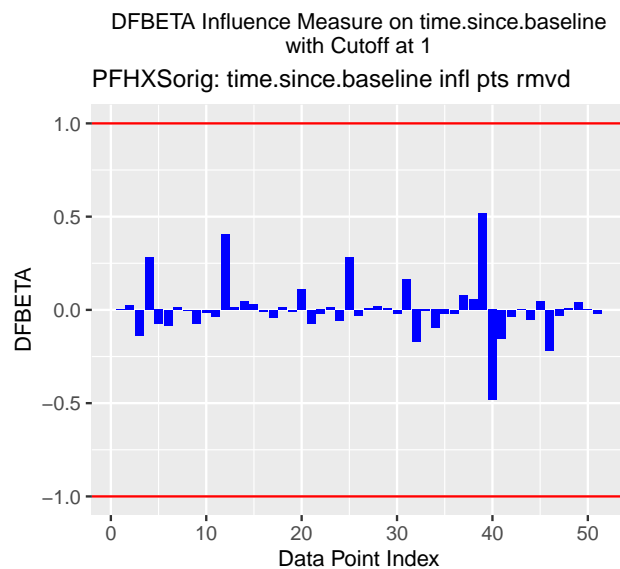
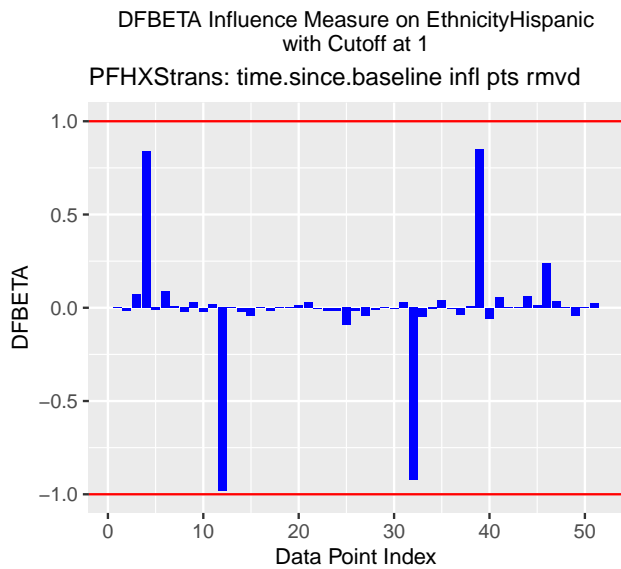
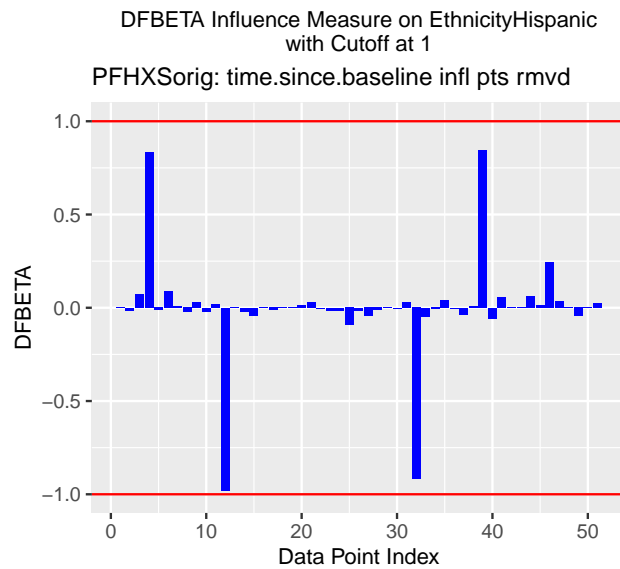
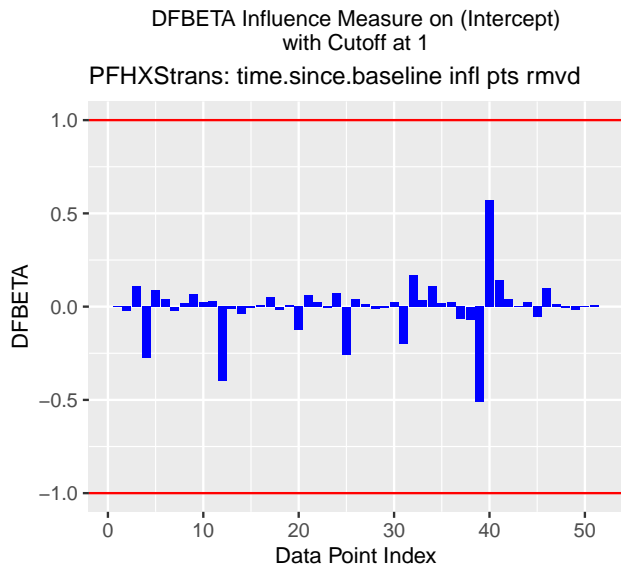
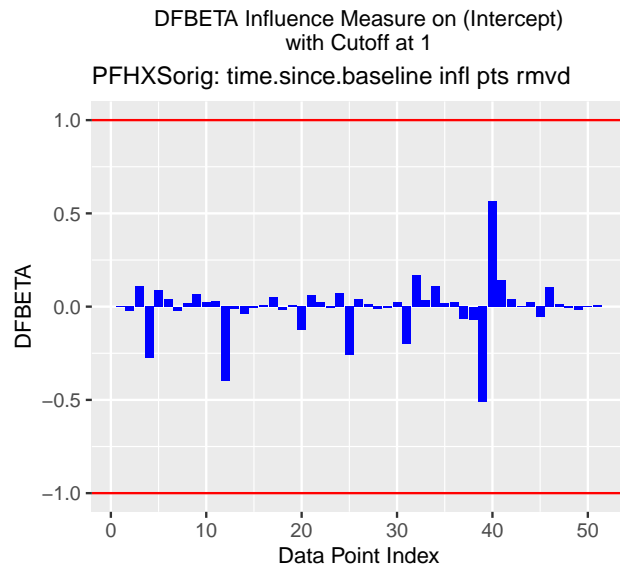
Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution

PFNAtrans: days.since.struc.MRF transformed values



No influential points removed





[1] “No influential DFBETA points” [1] “time.since.baseline”

Table 95: PFNA Change Score + Time Since Baseline (days) Models

	<i>Dependent variable:</i>
	PFNAorig Orig outcome: all data
Constant	−0.155 t = −0.120 p = 0.906
time.since.baseline	−0.0003 t = −0.187 p = 0.853
EthnicityHispanic	0.231 t = 0.346 p = 0.731
Observations	52
R <sup>2</sup>	0.003
Adjusted R <sup>2</sup>	−0.038
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 96: PFNA Change Score + Time Since Baseline (days) Models

No points removed

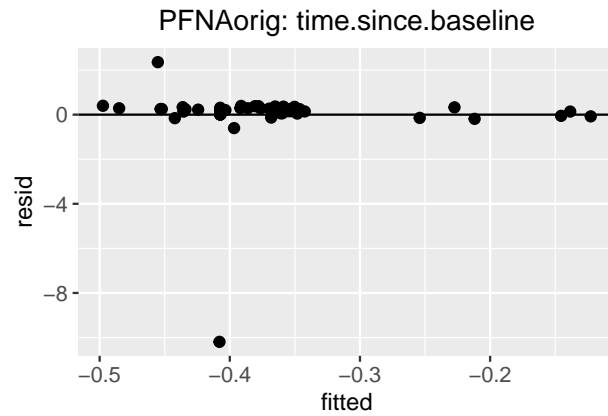
Table 97: PFNA Change Score + Time Since Baseline (days) Models

	<i>Dependent variable:</i>
	PFNAtrans Orig outcome: all data
Constant	26,536.050 t = 4.604 p = 0.00003***
time.since.baseline	3.748 t = 0.519 p = 0.606
EthnicityHispanic	2.525 t = 0.001 p = 1.000
Observations	52
R <sup>2</sup>	0.006
Adjusted R <sup>2</sup>	−0.035
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

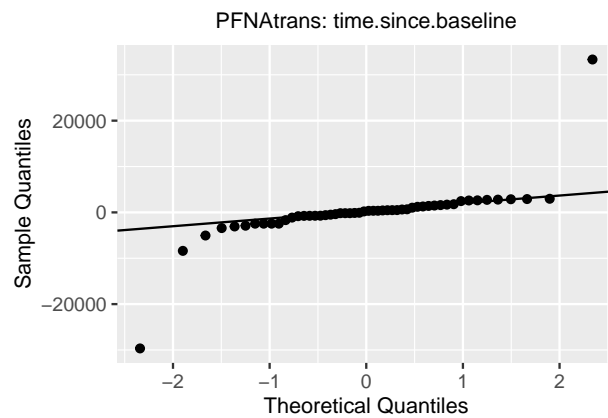
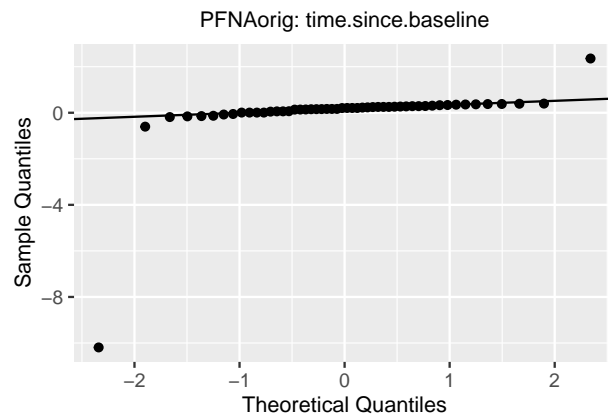
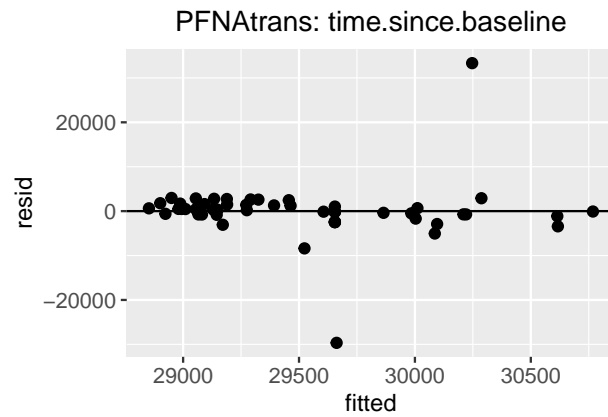
Table 98: PFNA Change Score + Time Since Baseline (days) Models

No points removed





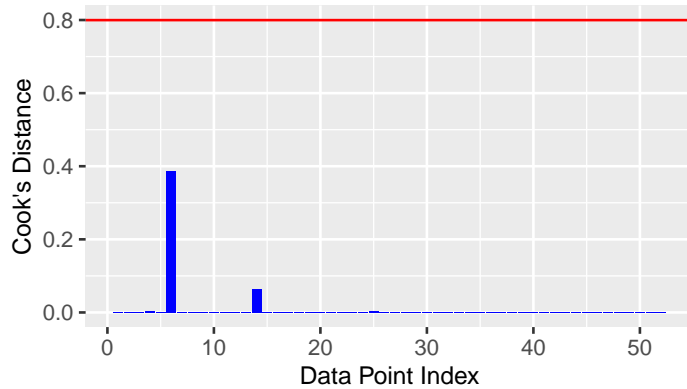
No points removed



[1] "No influential points removed"

Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution

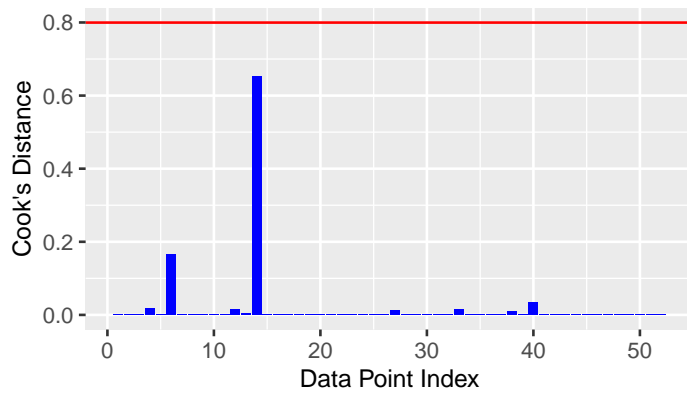
PFNAorig: time.since.baseline original values

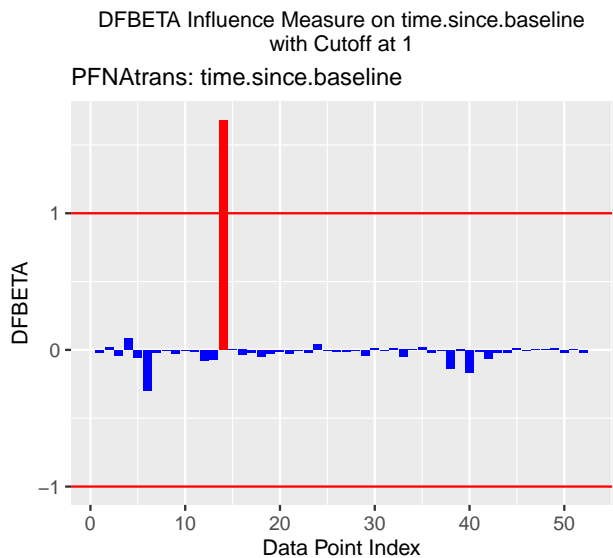
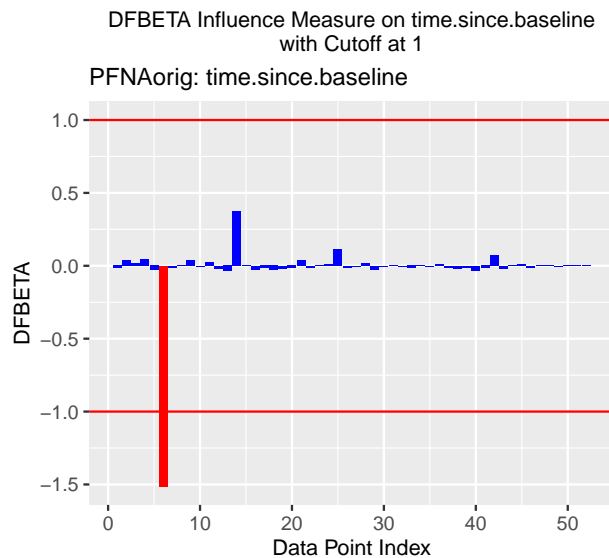
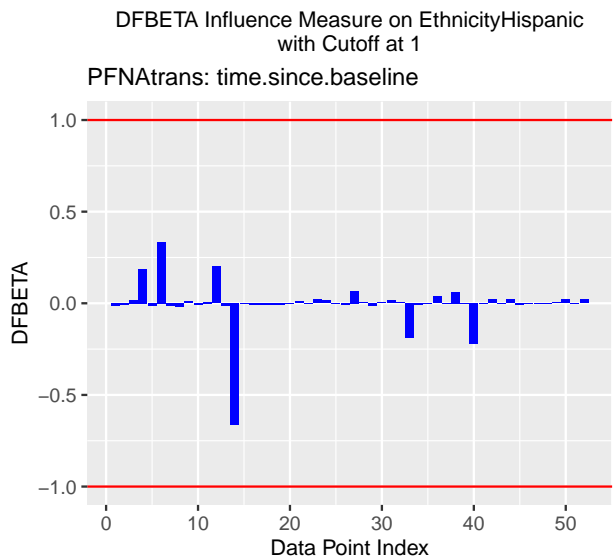
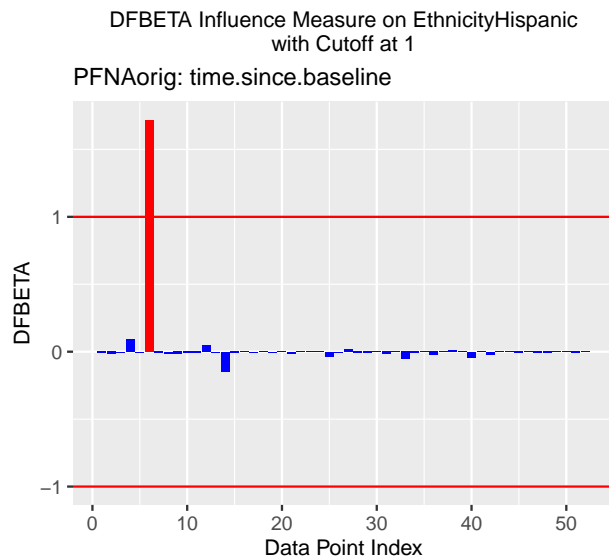
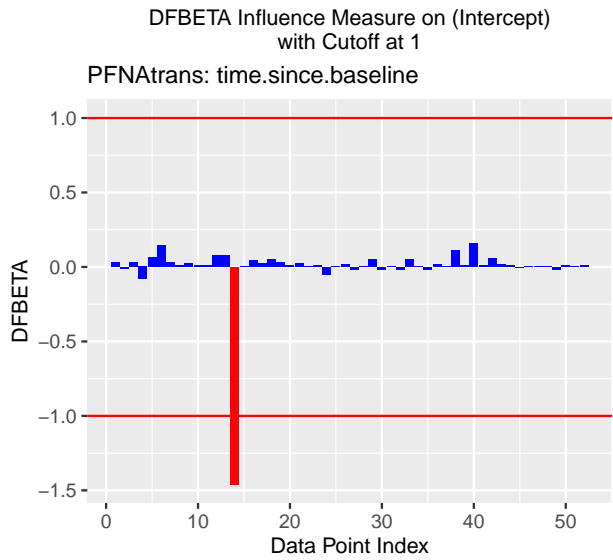
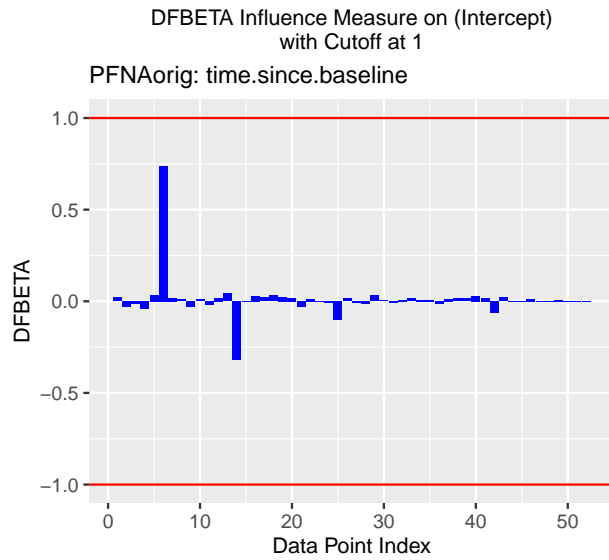


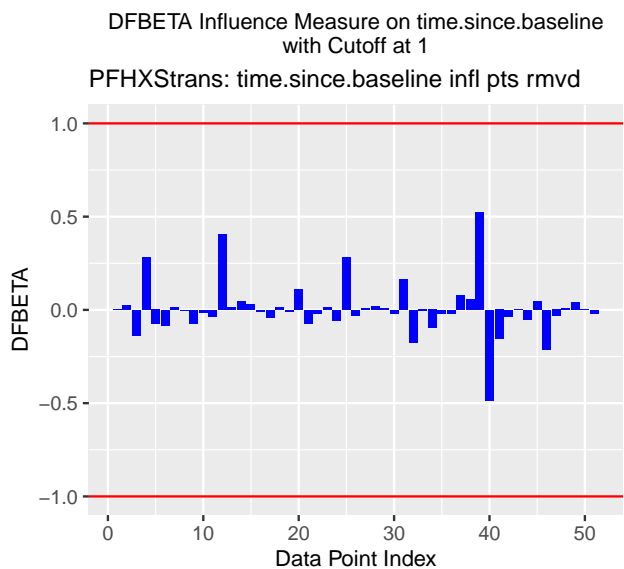
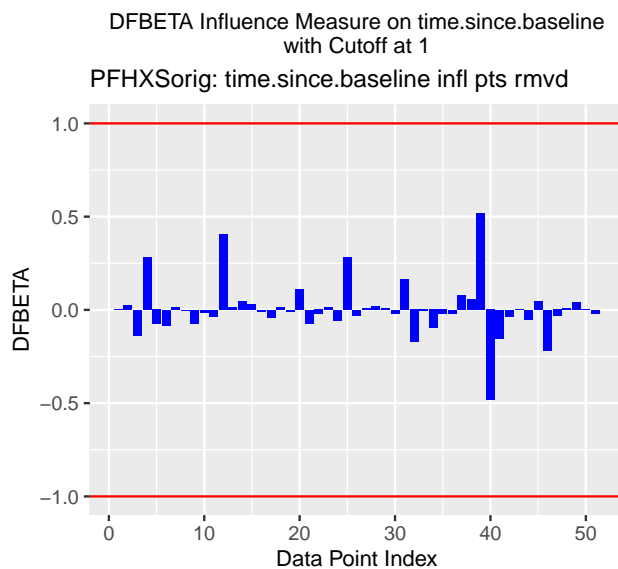
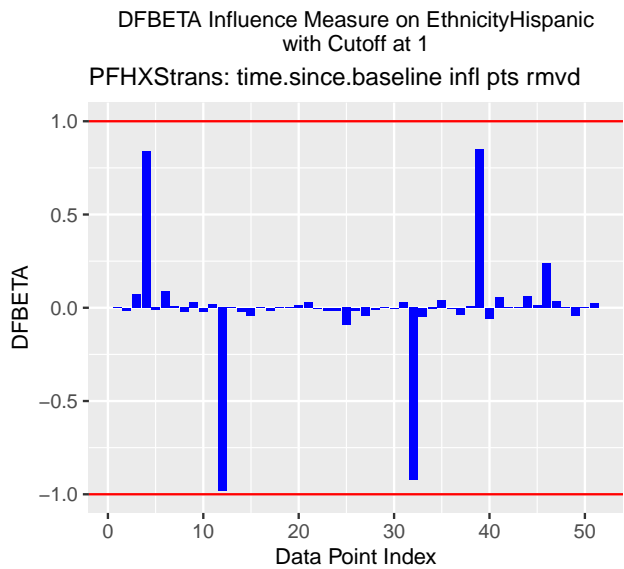
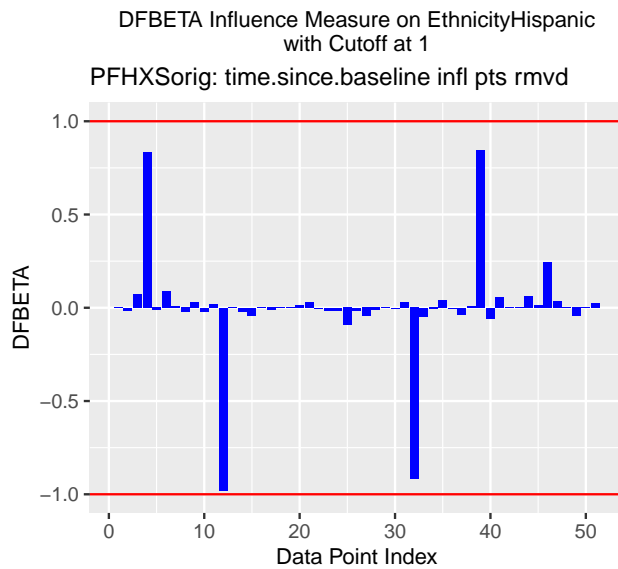
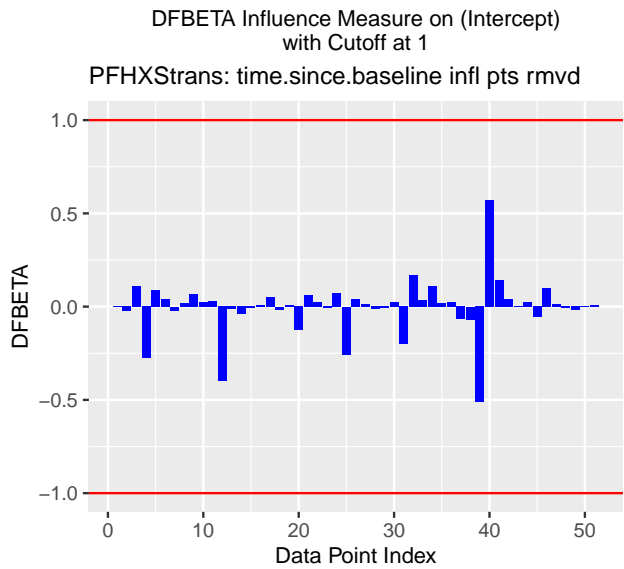
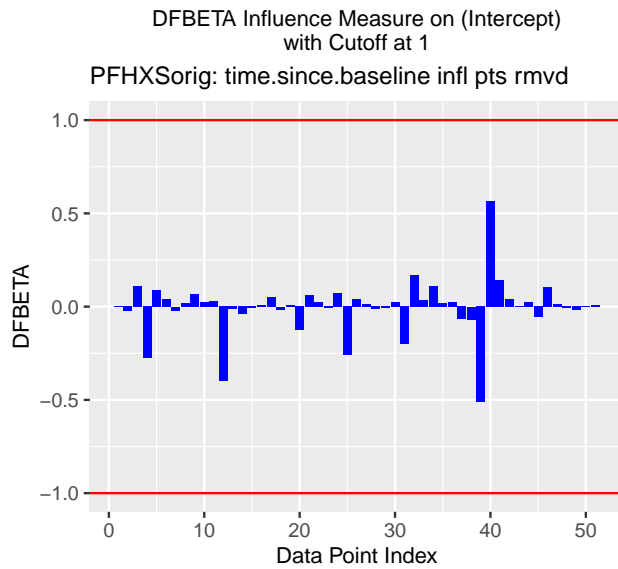
No influential points removed

Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution

PFNAtrans: time.since.baseline transformed values







[1] “No influential DFBETA points” [1] “SmPFOSorig” [1] “total.num.fireruns”

Table 99: SmPFOS Change Score + Total Number of Fireruns Models

	<i>Dependent variable:</i>
	SmPFOSorig Orig outcome: all data
Constant	−0.329 t = −1.764 p = 0.084*
total.num.fireruns	−0.002 t = −0.545 p = 0.589
EthnicityHispanic	0.104 t = 0.581 p = 0.565
Observations	52
R <sup>2</sup>	0.010
Adjusted R <sup>2</sup>	−0.030
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 100: SmPFOS Change Score + Total Number of Fireruns Models

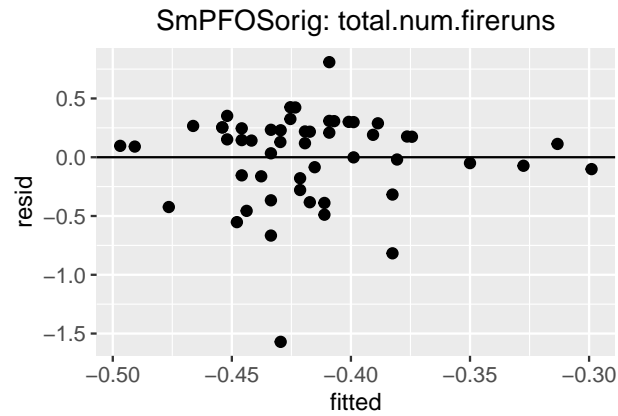
No points removed

Table 101: SmPFOS Change Score + Total Number of Fireruns Models

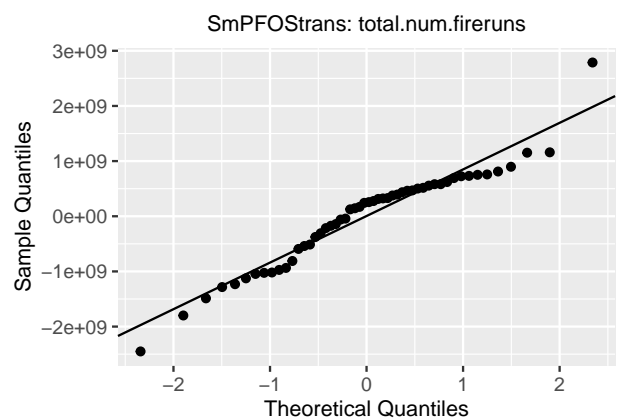
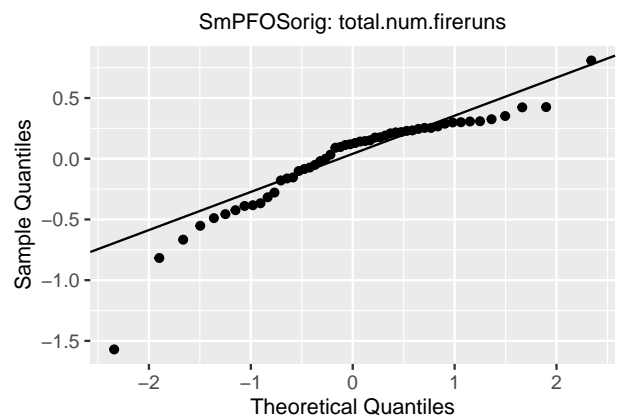
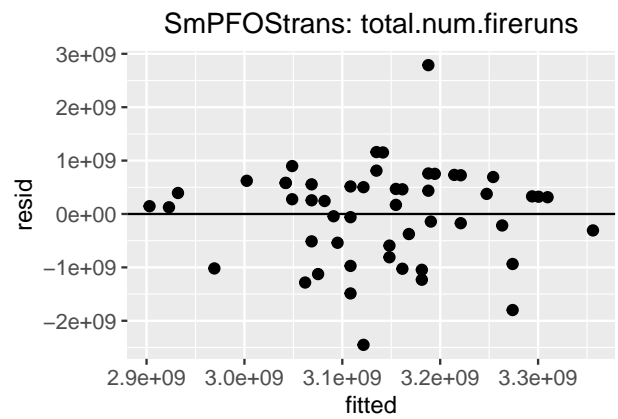
	<i>Dependent variable:</i>
	SmPFOStrans Orig outcome: all data
Constant	3,446,204,611.000 t = 7.998 p = 0.000***
total.num.fireruns	−6,623,881.000 t = −0.766 p = 0.448
EthnicityHispanic	148,304,528.000 t = 0.359 p = 0.722
Observations	52
R <sup>2</sup>	0.012
Adjusted R <sup>2</sup>	−0.028
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 102: SmPFOS Change Score + Total Number of Fireruns Models

No points removed

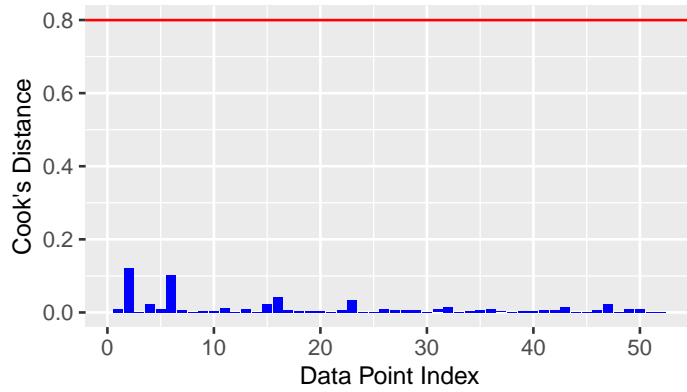


No points removed



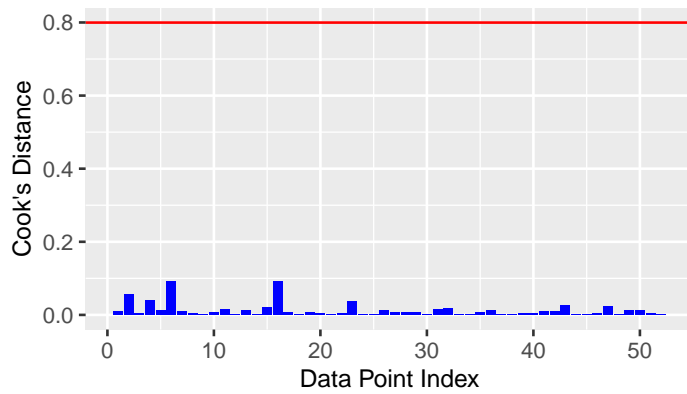
[1] "No influential points removed"

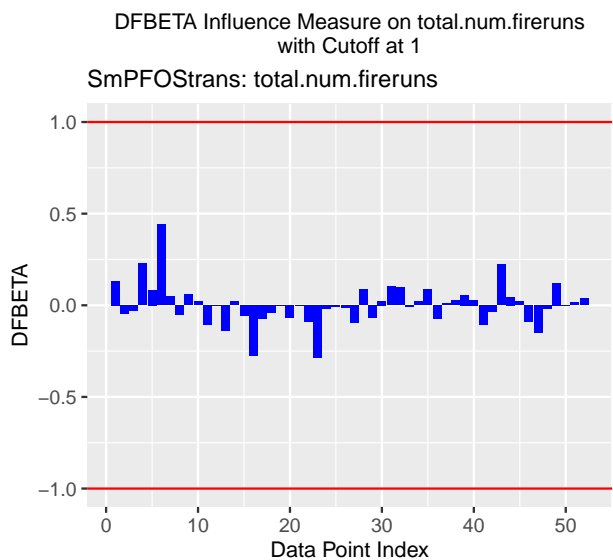
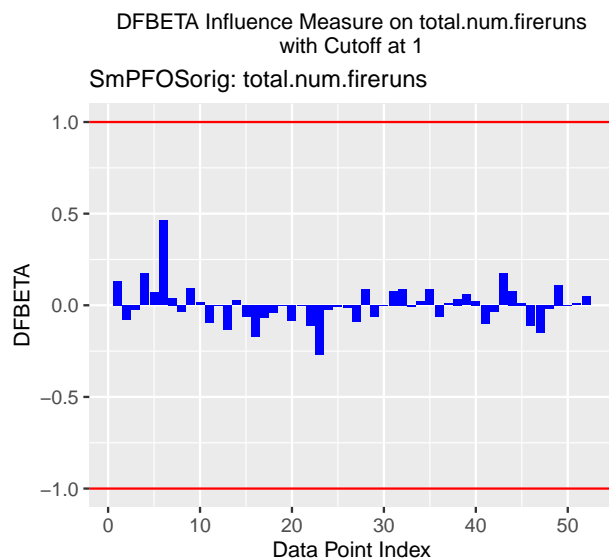
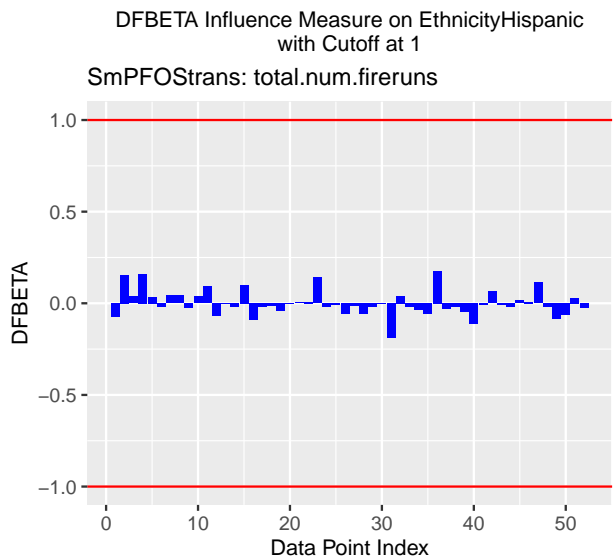
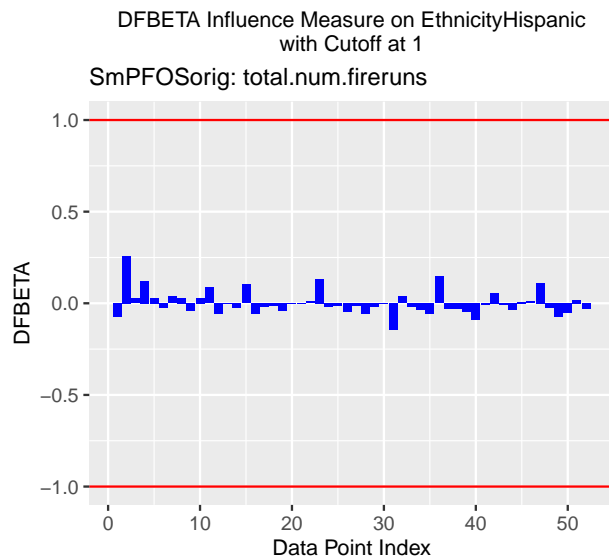
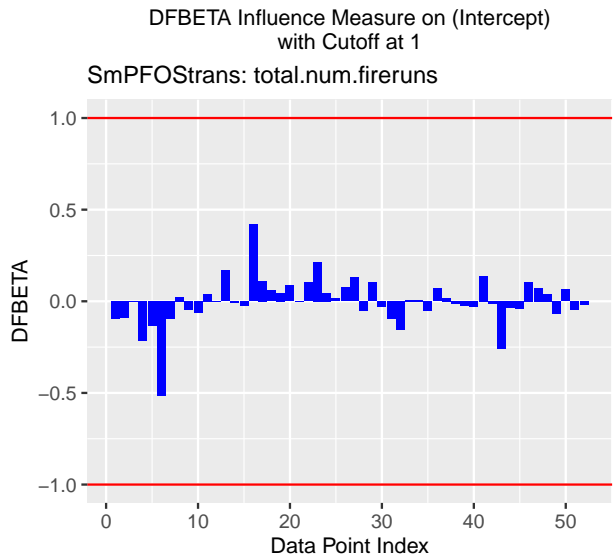
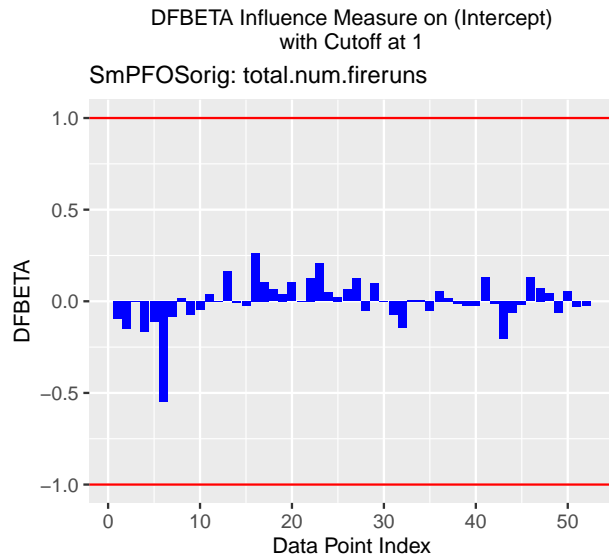
Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution  
 SmpFOSorig: total.num.fireruns original values



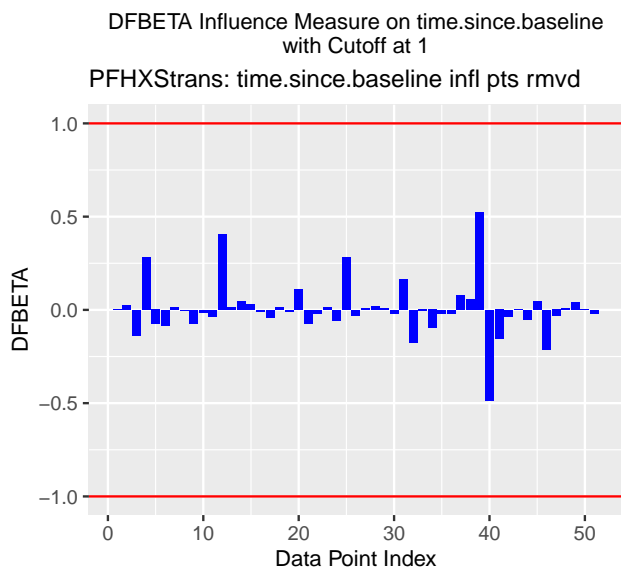
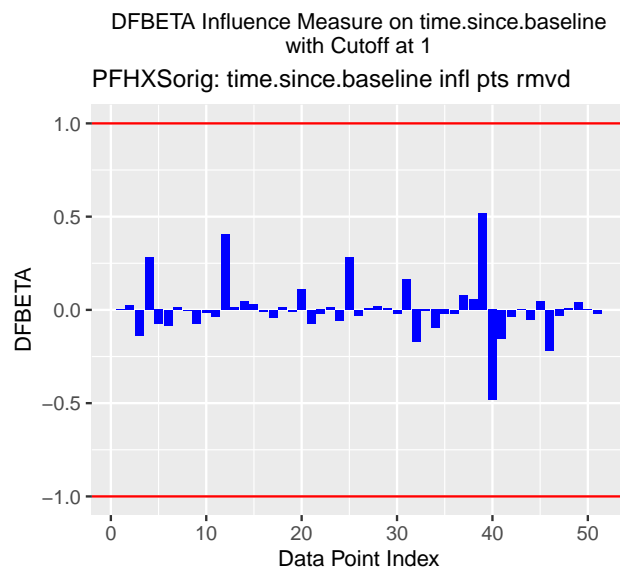
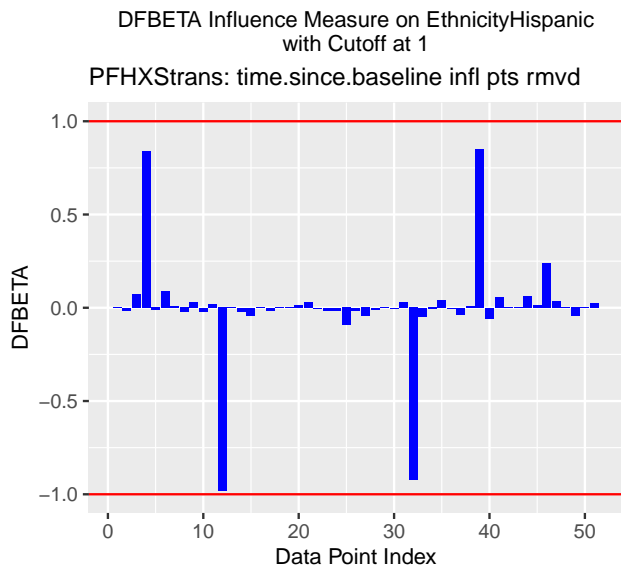
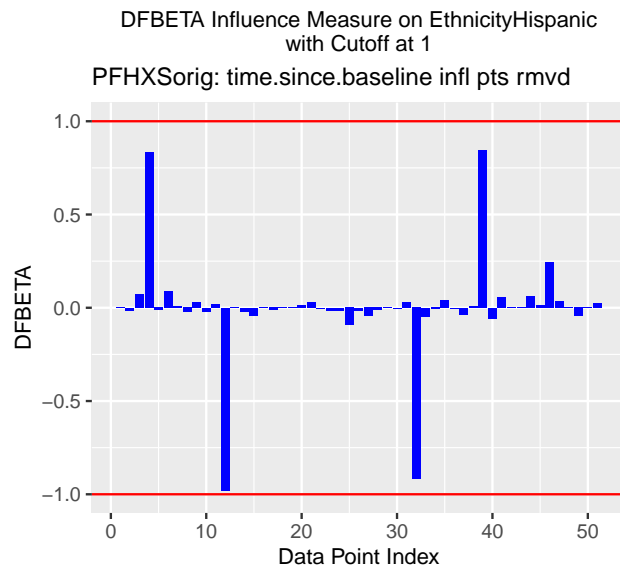
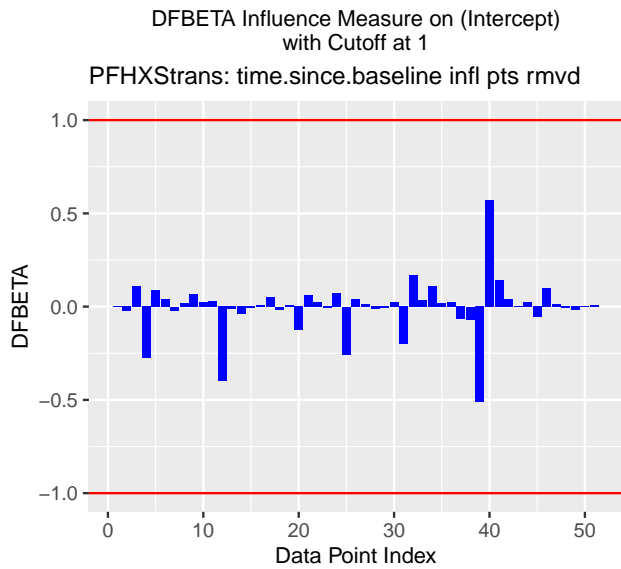
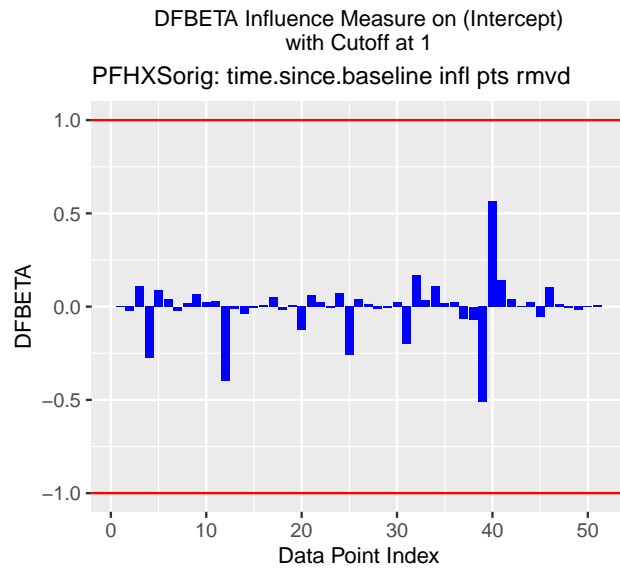
No influential points removed

Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution  
 SmpFOStrans: total.num.fireruns transformed values









[1] “No influential DFBETA points” [1] “str.num.fireruns”

Table 103: SmPFOS Change Score + Total Number of Structural Fireruns Models

	<i>Dependent variable:</i>
	SmPFOSorig Orig outcome: all data
Constant	−0.366 t = −2.419 p = 0.020**
str.num.fireruns	−0.004 t = −0.428 p = 0.671
EthnicityHispanic	0.102 t = 0.561 p = 0.578
Observations	52
R <sup>2</sup>	0.008
Adjusted R <sup>2</sup>	−0.033
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 104: SmPFOS Change Score + Total Number of Structural Fireruns Models

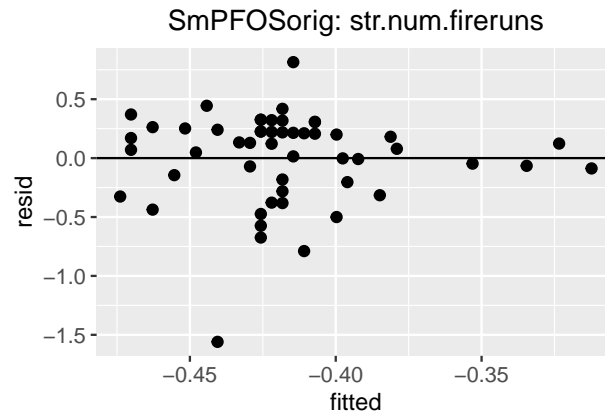
No points removed

Table 105: SmPFOS Change Score + Total Number of Structural Fireruns Models

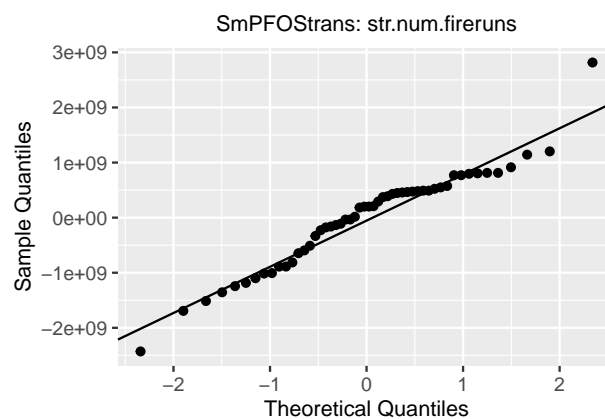
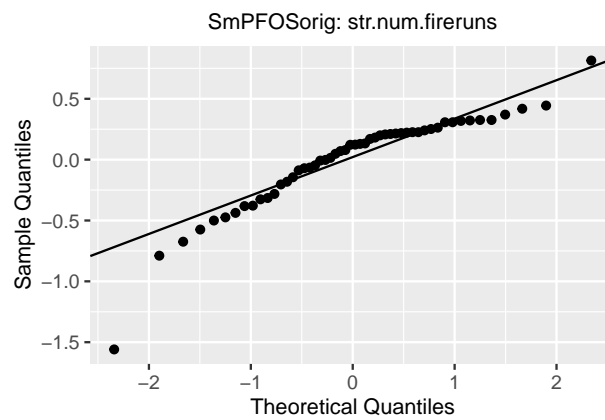
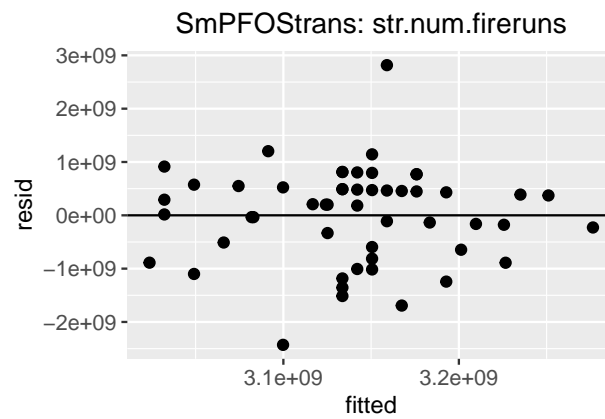
	<i>Dependent variable:</i>
	SmPFOStrans Orig outcome: all data
Constant	3,268,904,750.000 t = 9.327 p = 0.000***
str.num.fireruns	−8,453,974.000 t = −0.421 p = 0.676
EthnicityHispanic	117,398,062.000 t = 0.278 p = 0.783
Observations	52
R <sup>2</sup>	0.004
Adjusted R <sup>2</sup>	−0.037
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 106: SmPFOS Change Score + Total Number of Structural Fireruns Models

No points removed

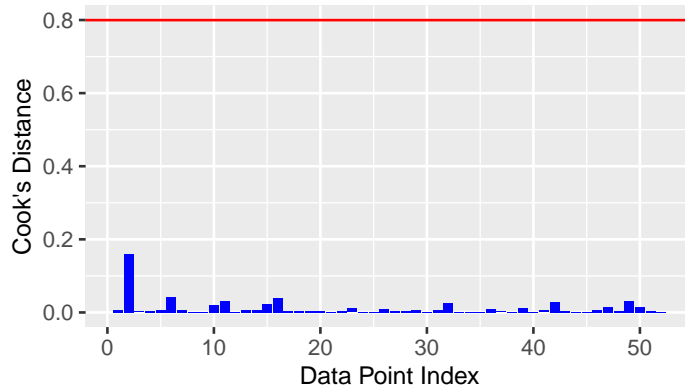


No points removed



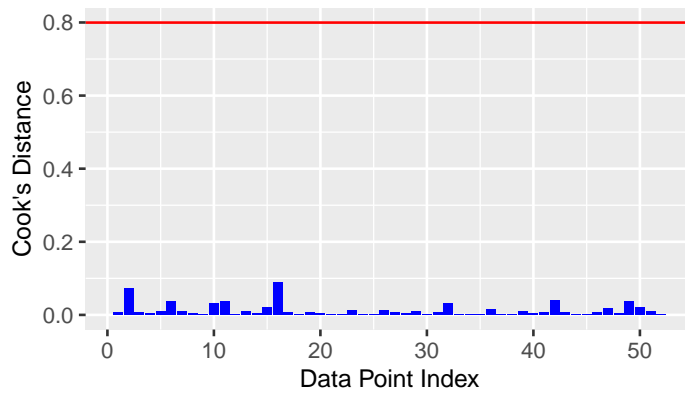
[1] "No influential points removed"

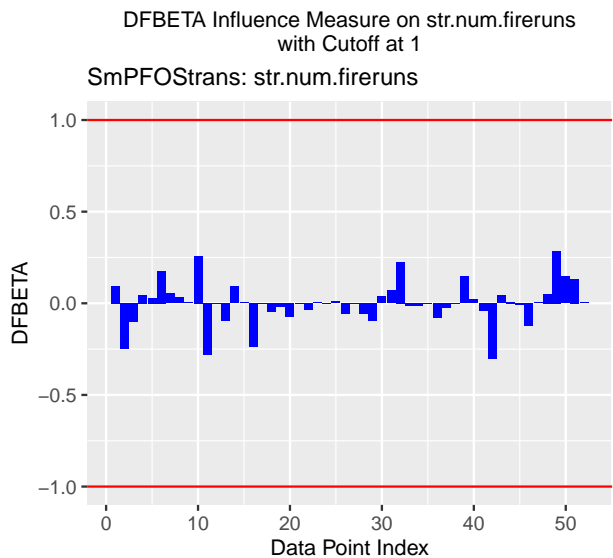
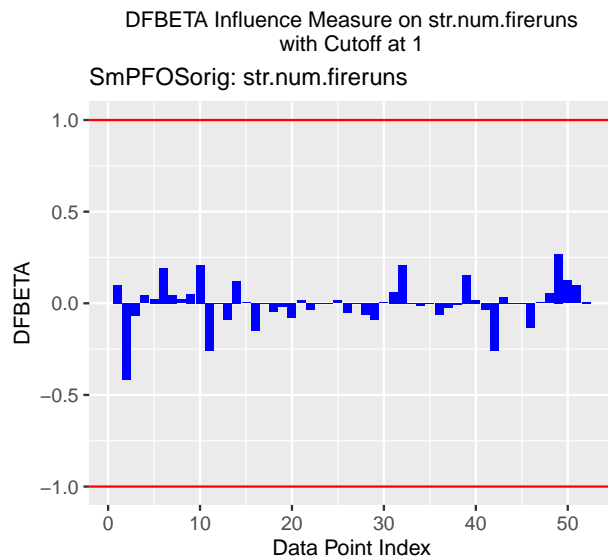
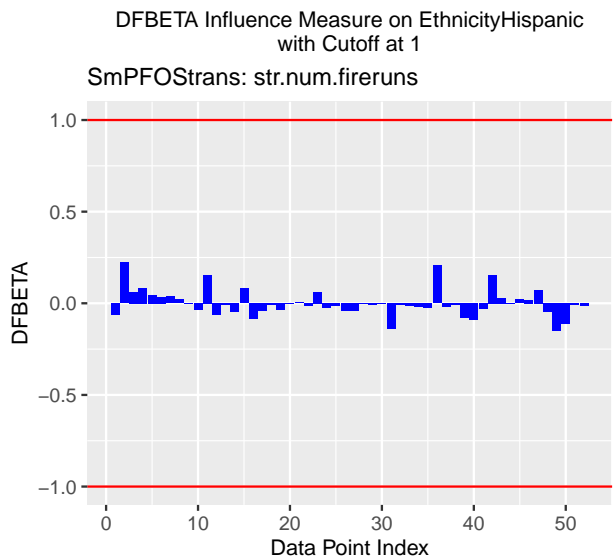
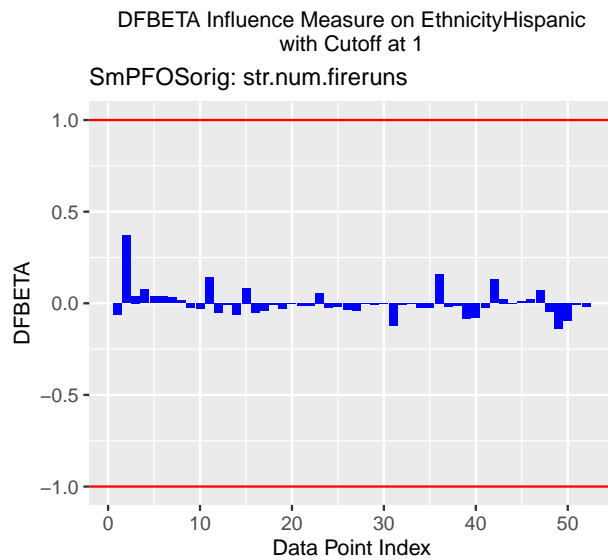
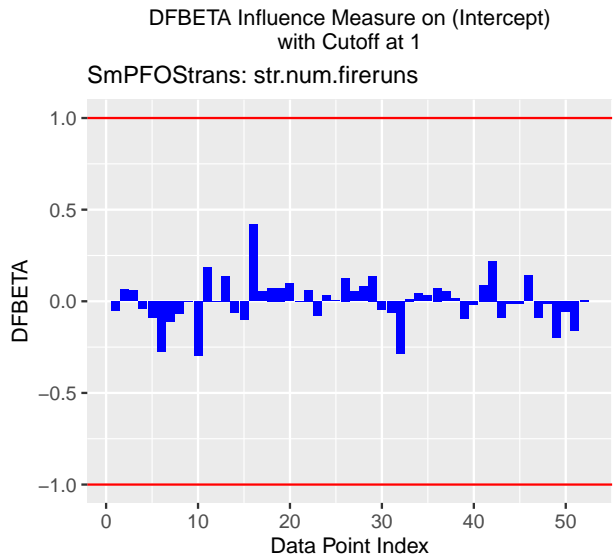
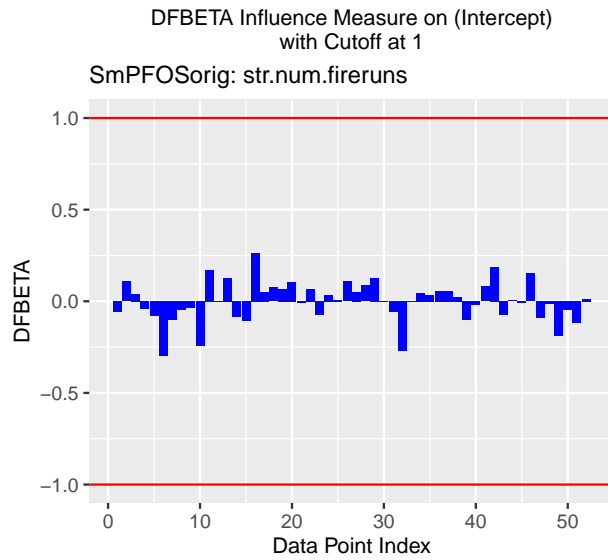
Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution  
 SmpFOSorig: str.num.fireruns original values

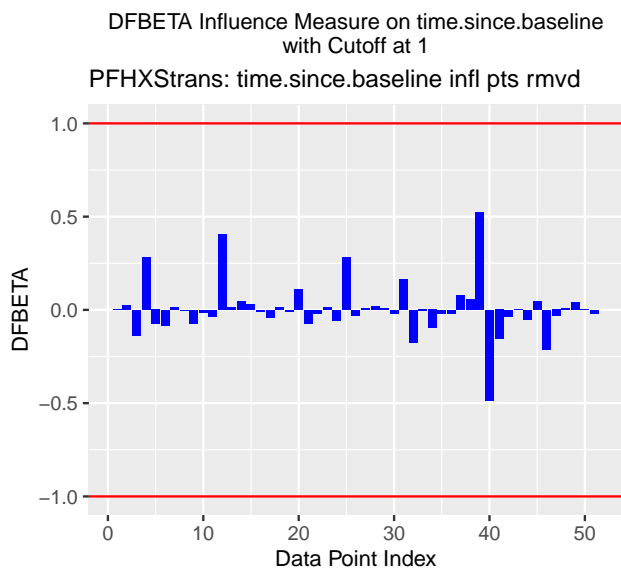
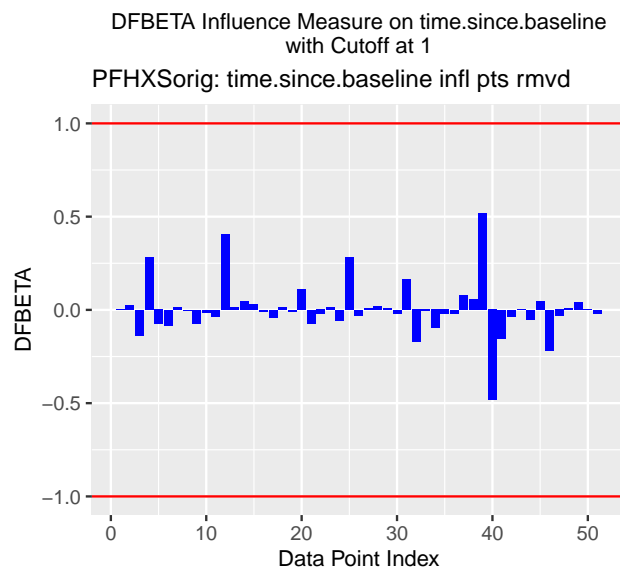
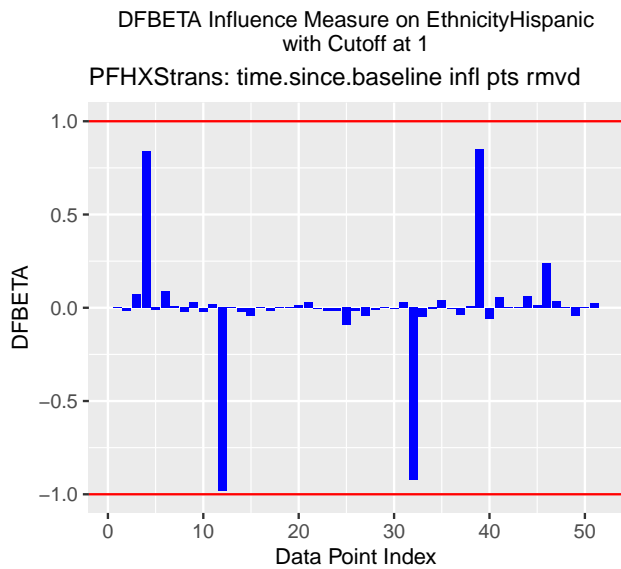
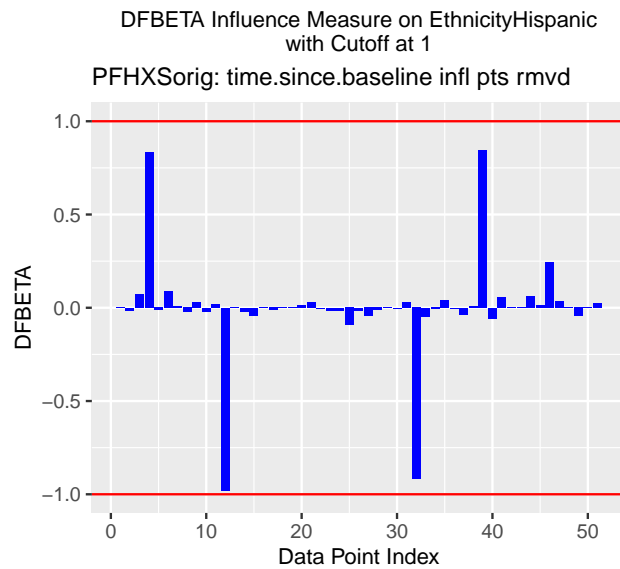
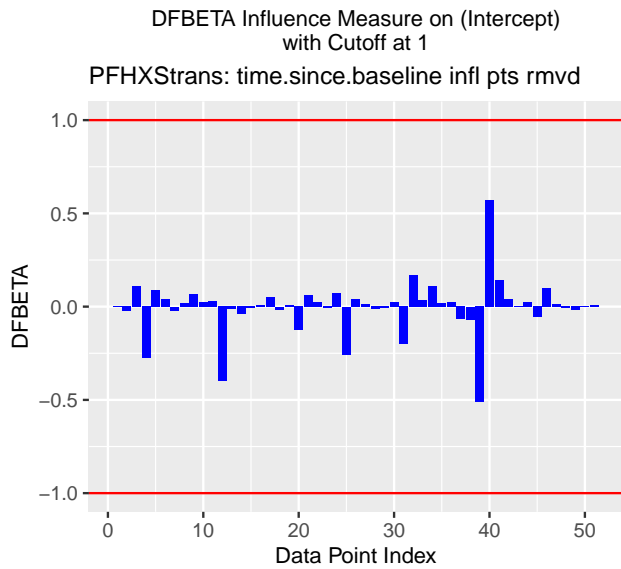
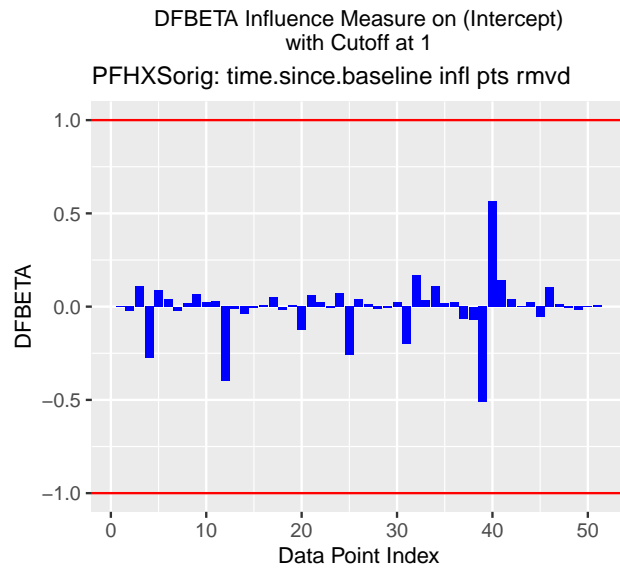


No influential points removed

Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution  
 SmpFOStrans: str.num.fireruns transformed values







[1] “No influential DFBETA points” [1] “total.duration.hrs”

Table 107: SmPFOS Change Score + Models

	<i>Dependent variable:</i>
	SmPFOSorig Orig outcome: all data
Constant	−0.319 t = −1.768 p = 0.084*
total.duration.hrs	−0.004 t = −0.626 p = 0.535
EthnicityHispanic	0.117 t = 0.637 p = 0.527
Observations	52
R <sup>2</sup>	0.012
Adjusted R <sup>2</sup>	−0.028
<i>Note:</i> *p<0.1; **p<0.05; ***p<0.01	

Table 108: SmPFOS Change Score + Models

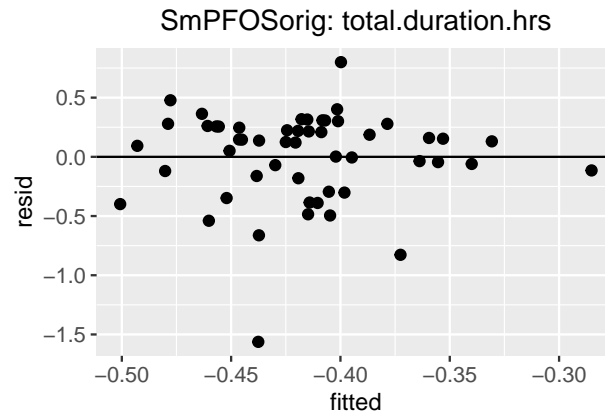
No points removed

Table 109: SmPFOS Change Score + Models

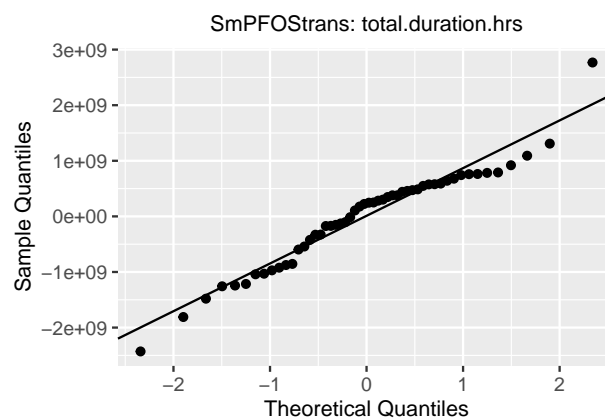
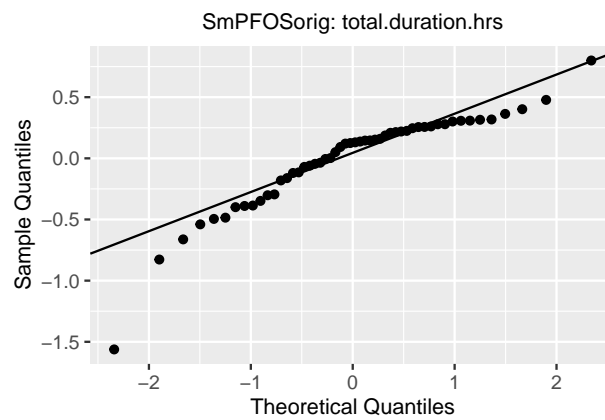
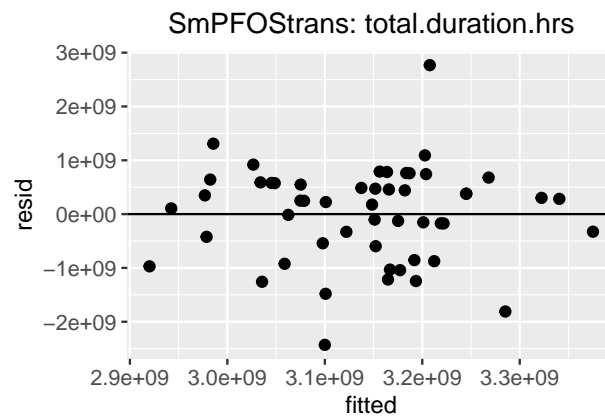
	<i>Dependent variable:</i>
	SmPFOStrans Orig outcome: all data
Constant	3,437,185,368.000 t = 8.243 p = 0.000***
total.duration.hrs	−11,833,303.000 t = −0.771 p = 0.445
EthnicityHispanic	173,911,405.000 t = 0.411 p = 0.684
Observations	52
R <sup>2</sup>	0.012
Adjusted R <sup>2</sup>	−0.028
<i>Note:</i> *p<0.1; **p<0.05; ***p<0.01	

Table 110: SmPFOS Change Score + Models

No points removed



No points removed

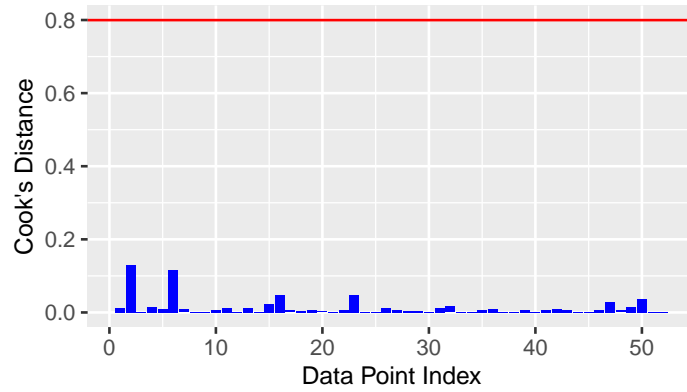


[1] "No influential points removed"



Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution

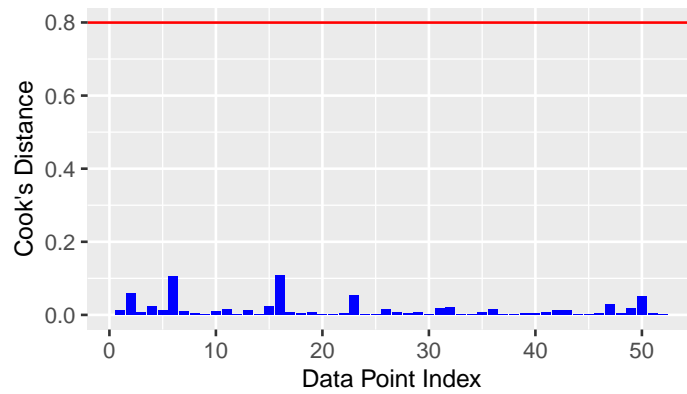
SmpFOSorig: total.duration.hrs original values

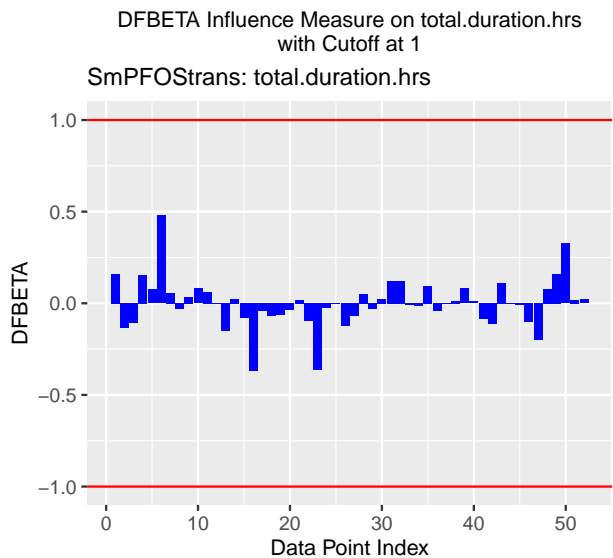
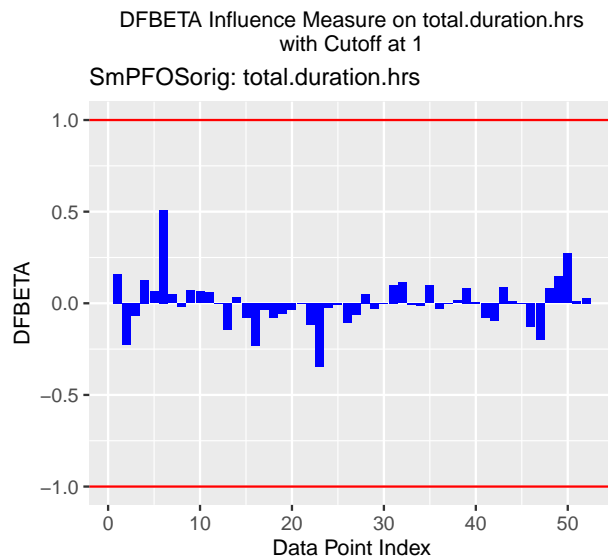
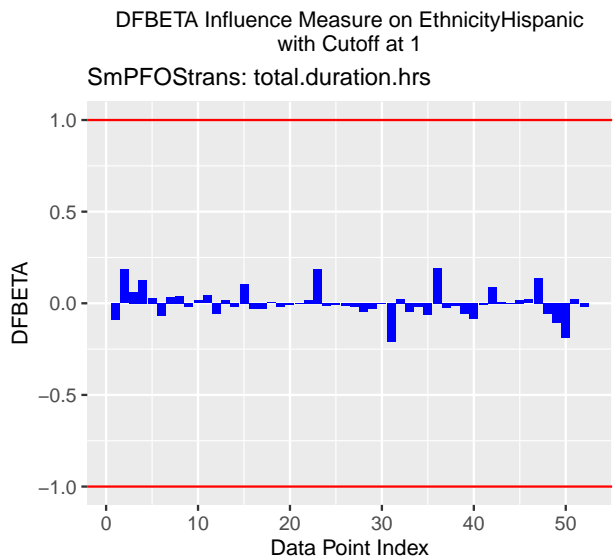
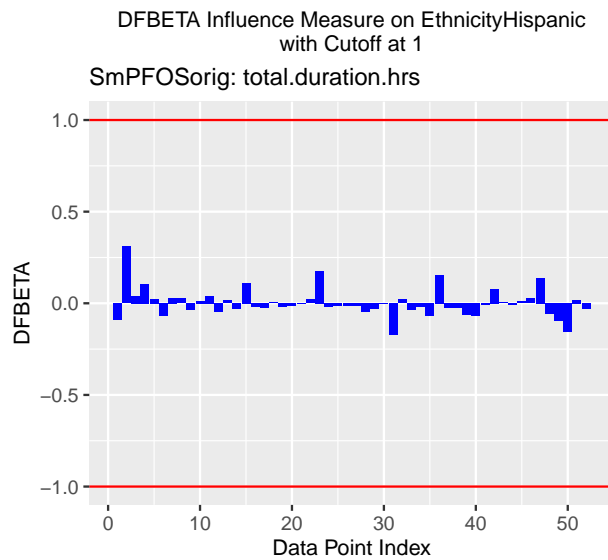
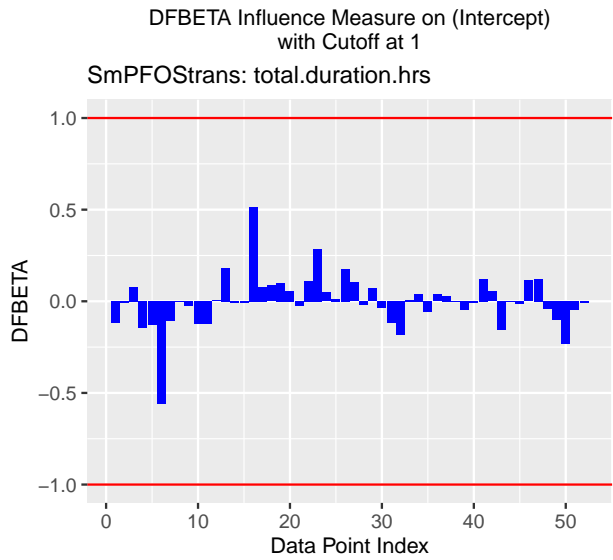
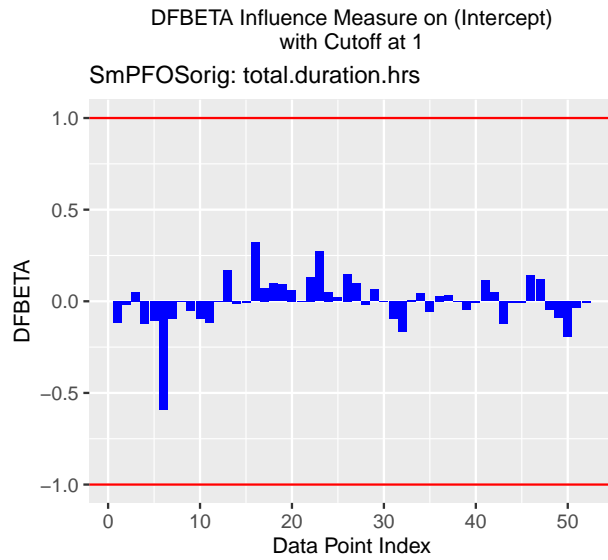


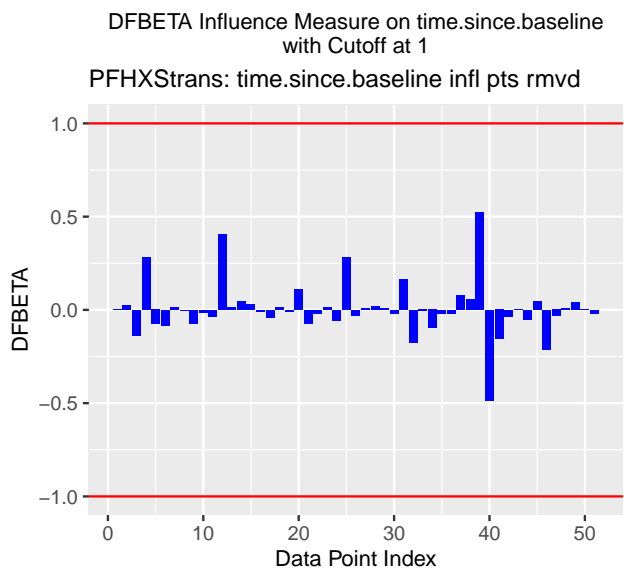
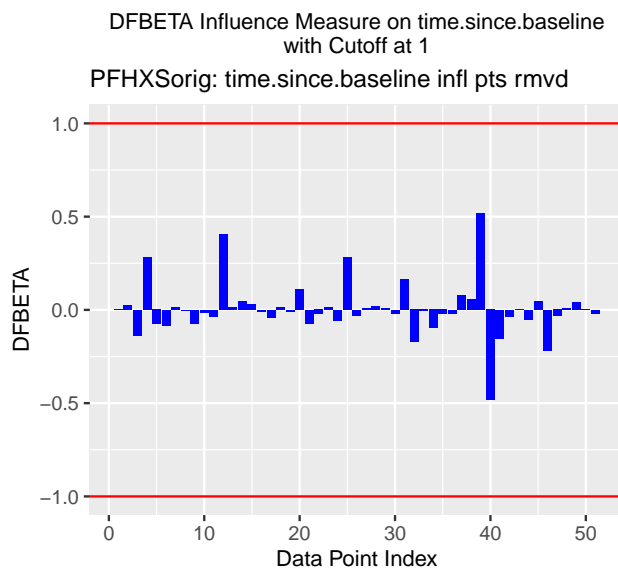
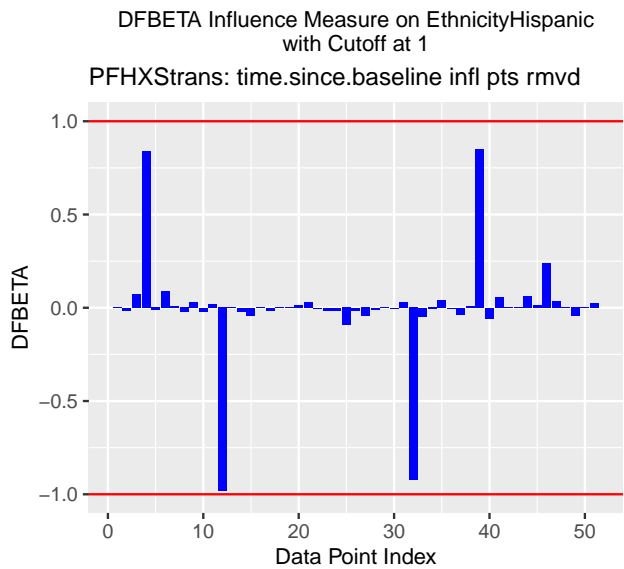
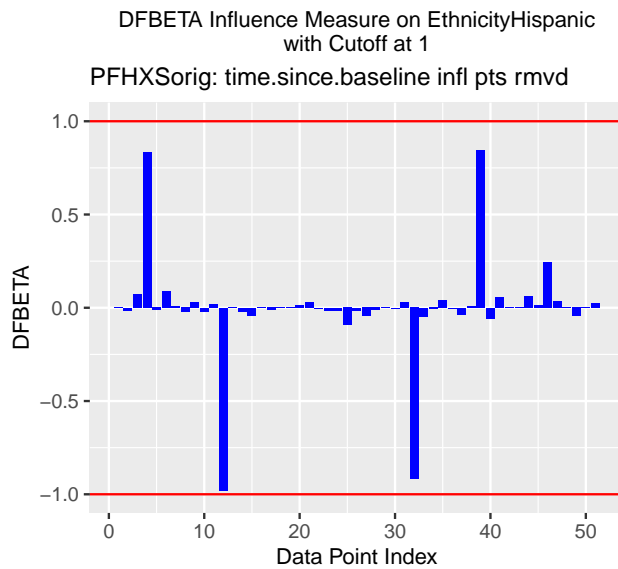
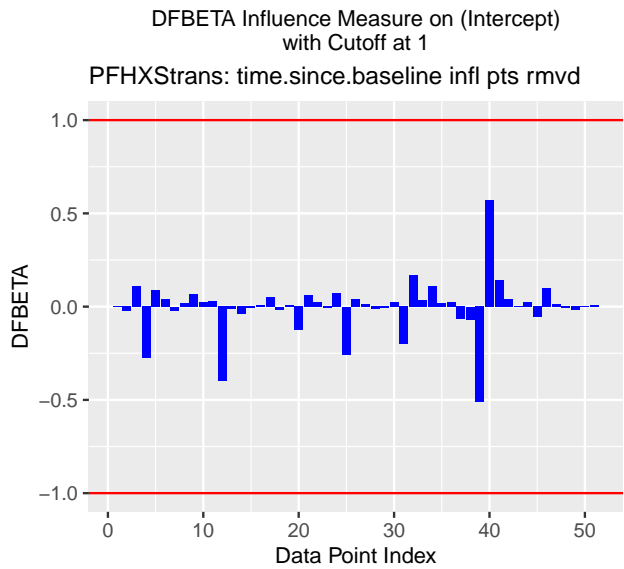
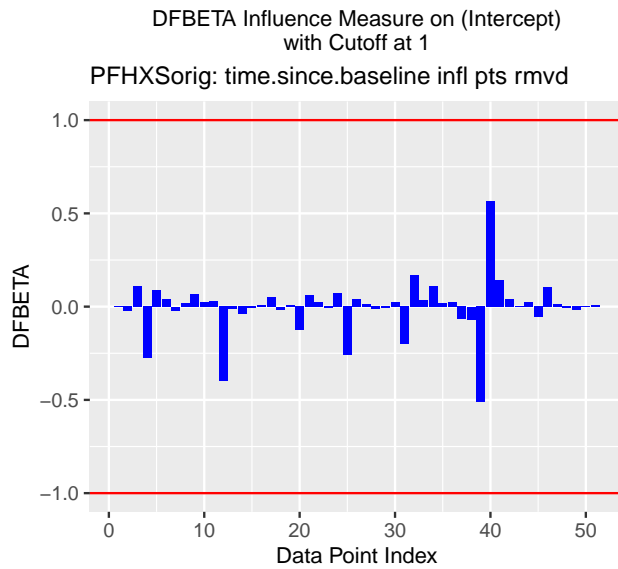
No influential points removed

Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution

SmpFOStrans: total.duration.hrs transformed values







[1] “No influential DFBETA points” [1] “str.duration.hrs”

Table 111: SmPFOS Change Score + Models

	<i>Dependent variable:</i>
	SmPFOSorig Orig outcome: all data
Constant	−0.454 t = −3.323 p = 0.002***
str.duration.hrs	0.002 t = 0.226 p = 0.822
EthnicityHispanic	0.059 t = 0.315 p = 0.755
Observations	52
R <sup>2</sup>	0.005
Adjusted R <sup>2</sup>	−0.036
<i>Note:</i> *p<0.1; **p<0.05; ***p<0.01	

Table 112: SmPFOS Change Score + Models

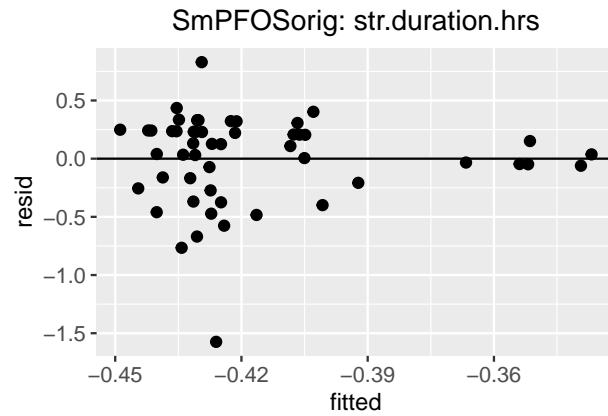
No points removed

Table 113: SmPFOS Change Score + Models

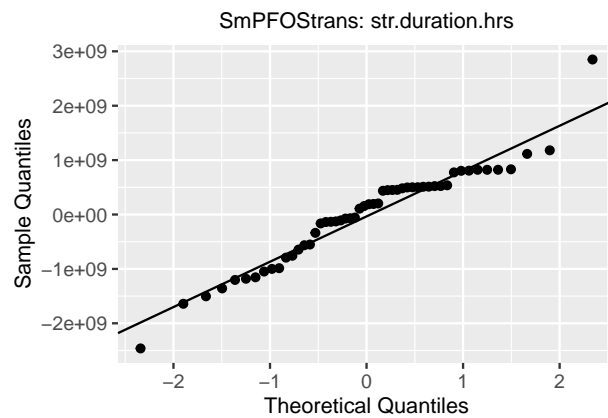
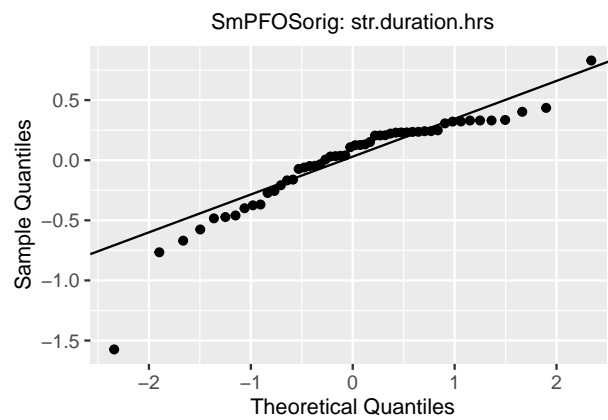
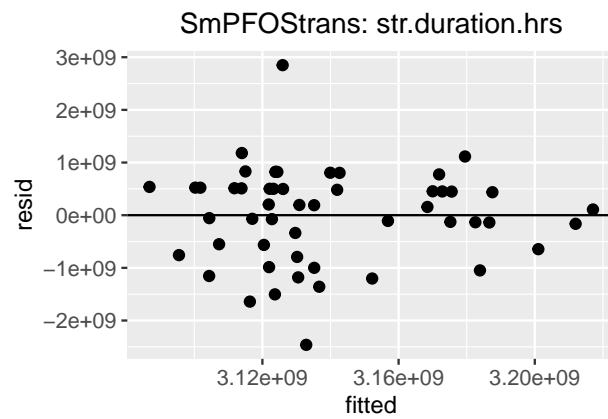
	<i>Dependent variable:</i>
	SmPFOStrans Orig outcome: all data
Constant	3,076,280,046.000 t = 9.727 p = 0.000***
str.duration.hrs	4,378,395.000 t = 0.197 p = 0.845
EthnicityHispanic	23,414,333.000 t = 0.054 p = 0.958
Observations	52
R <sup>2</sup>	0.001
Adjusted R <sup>2</sup>	−0.040
<i>Note:</i> *p<0.1; **p<0.05; ***p<0.01	

Table 114: SmPFOS Change Score + Models

No points removed

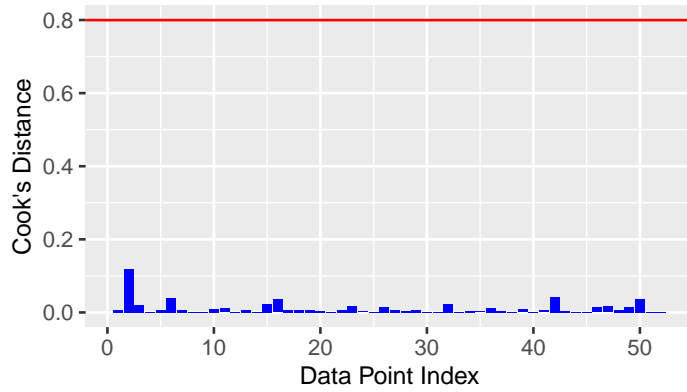


No points removed



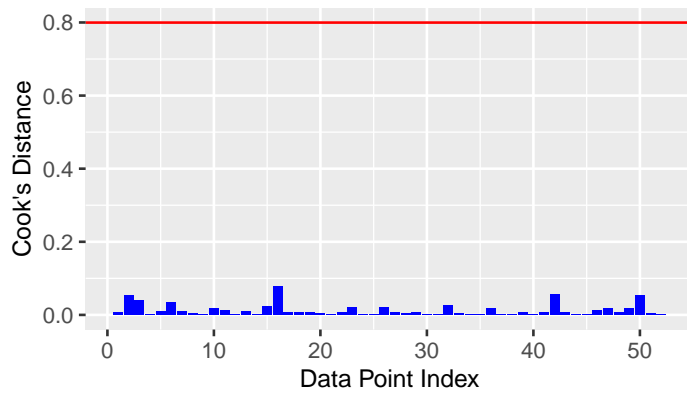
[1] "No influential points removed"

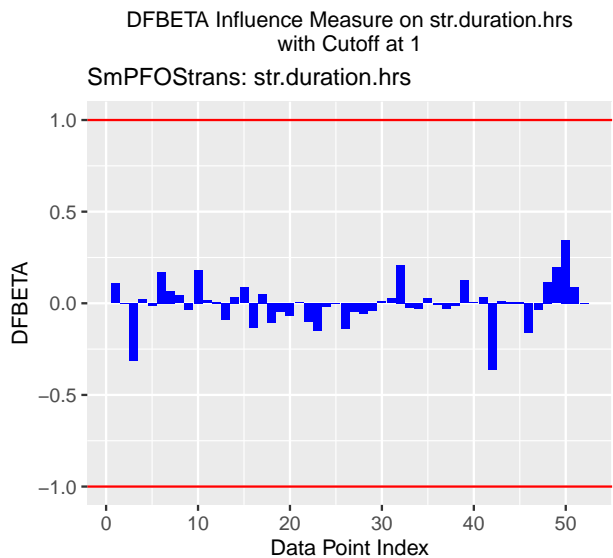
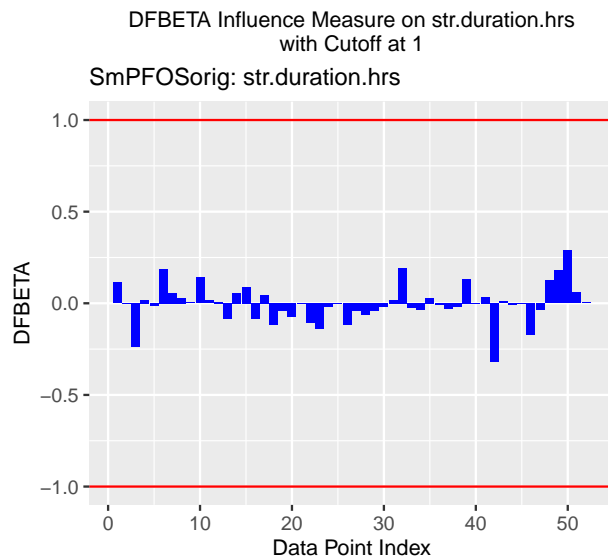
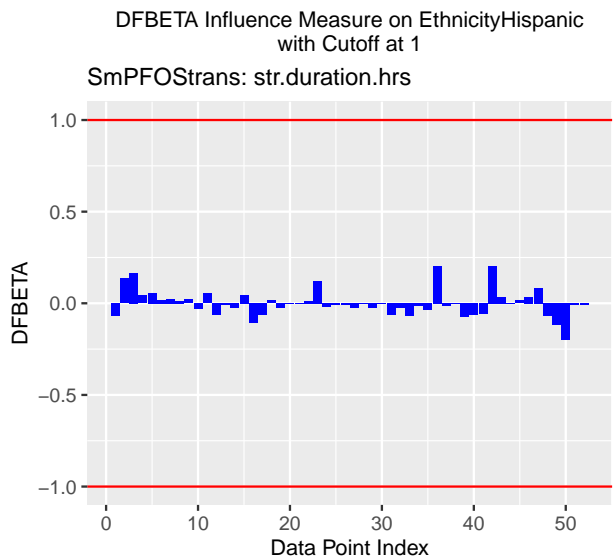
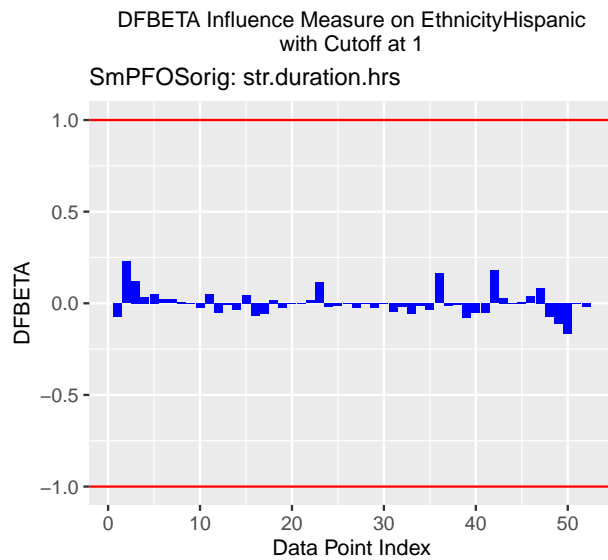
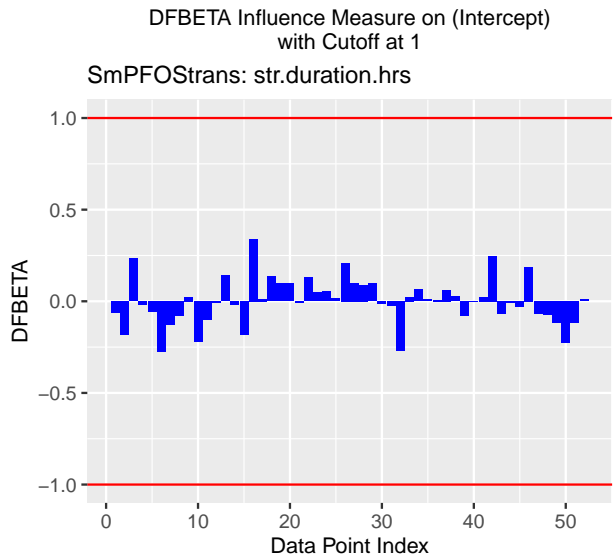
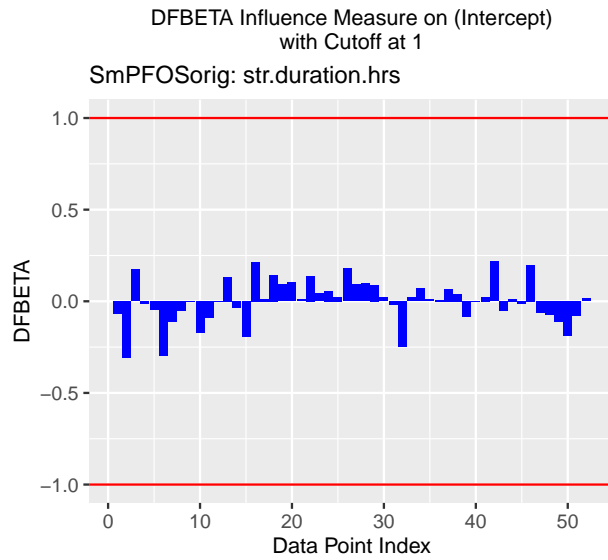
Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution  
SmPFOSorig: str.duration.hrs original values

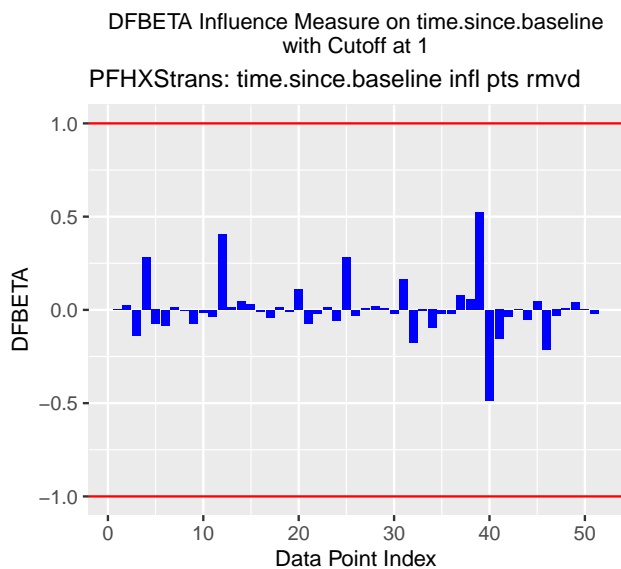
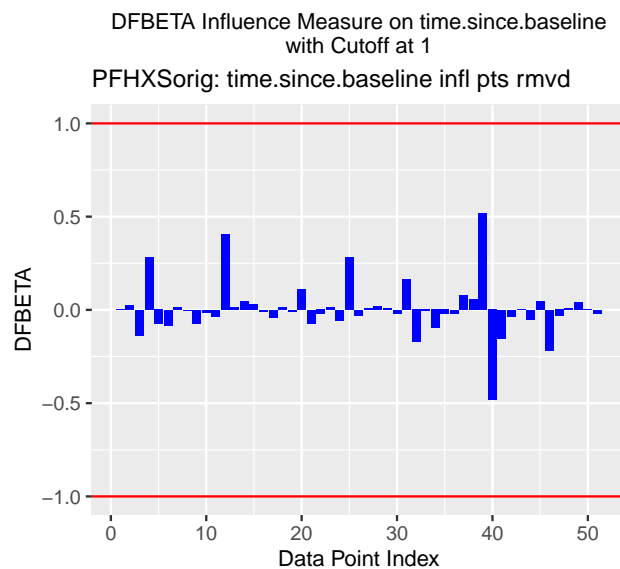
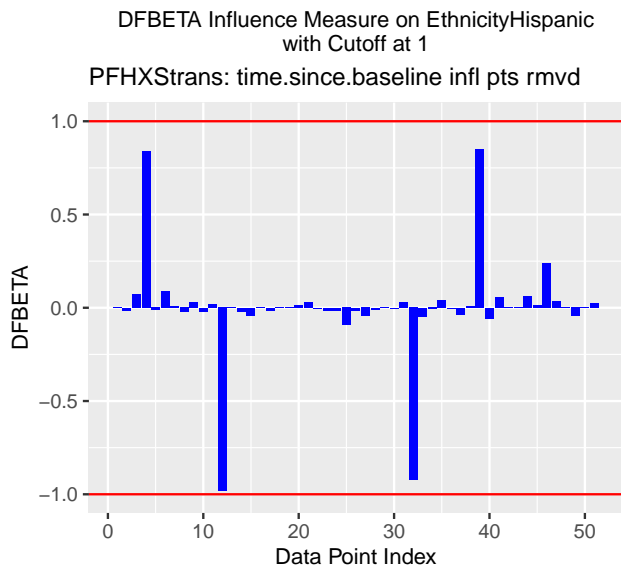
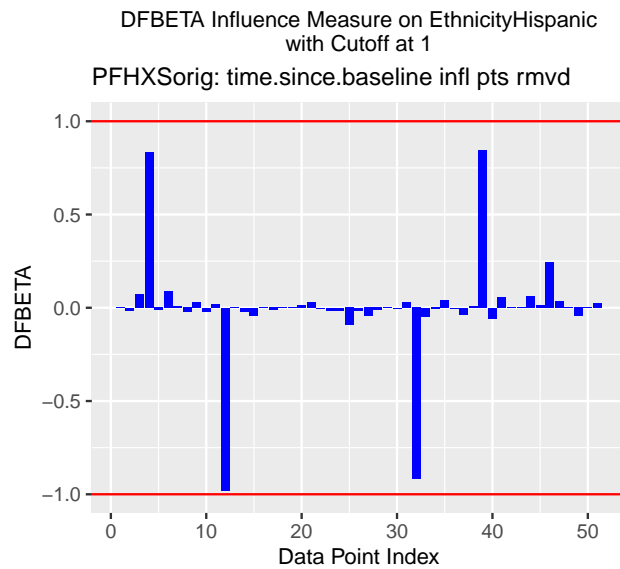
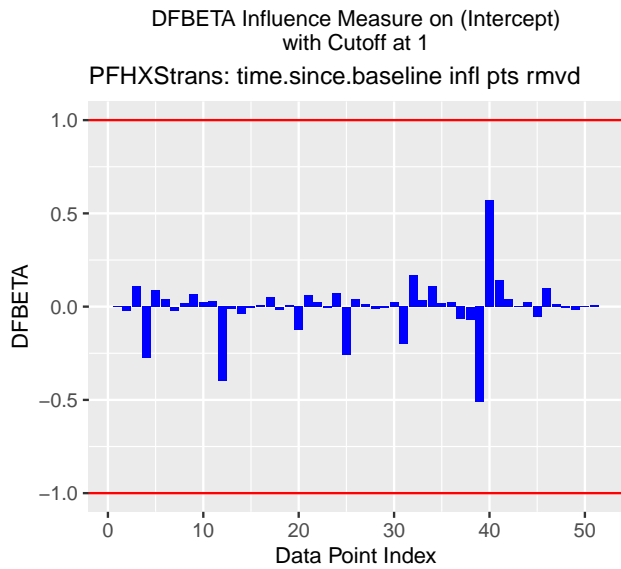
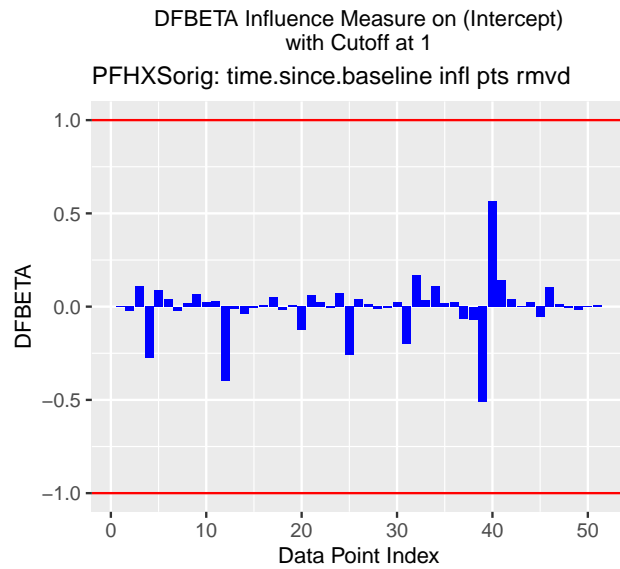


No influential points removed

Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution  
SmPFOStrans: str.duration.hrs transformed values









[1] “No influential DFBETA points” [1] “days.since.MRF”

Table 115: SmPFOS Change Score + Days Since Most Recent Fire Models

	<i>Dependent variable:</i>
	SmPFOSorig Orig outcome: all data
Constant	−0.430 t = −5.522 p = 0.00001***
days.since.MRF	0.0001 t = 0.067 p = 0.947
EthnicityHispanic	0.077 t = 0.445 p = 0.659
Observations	52
R <sup>2</sup>	0.004
Adjusted R <sup>2</sup>	−0.037
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 116: SmPFOS Change Score + Days Since Most Recent Fire Models

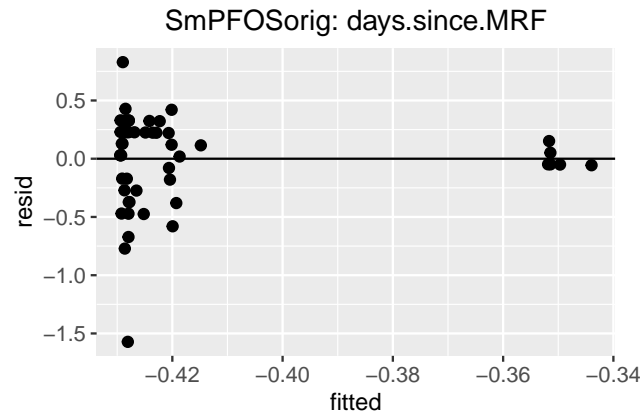
No points removed

Table 117: SmPFOS Change Score + Days Since Most Recent Fire Models

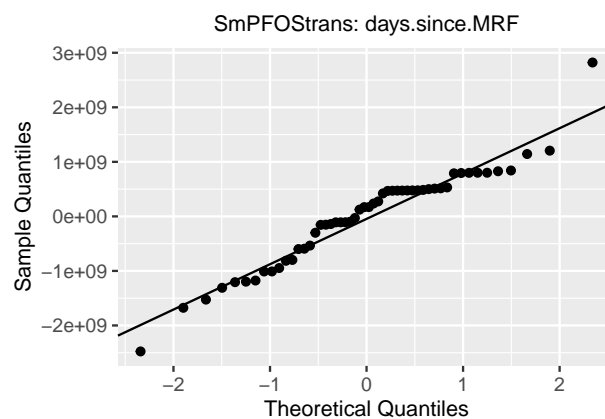
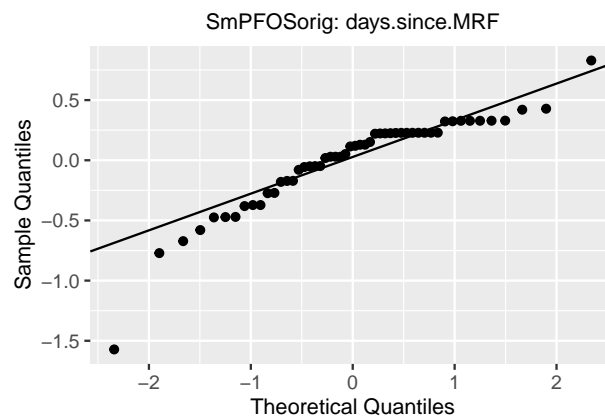
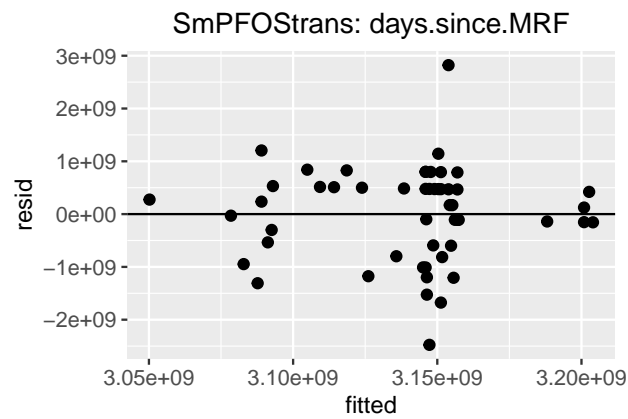
	<i>Dependent variable:</i>
	SmPFOStrans Orig outcome: all data
Constant	3,157,862,824.000 t = 17.551 p = 0.000***
days.since.MRF	−441,230.800 t = −0.212 p = 0.834
EthnicityHispanic	53,180,367.000 t = 0.133 p = 0.895
Observations	52
R <sup>2</sup>	0.001
Adjusted R <sup>2</sup>	−0.039
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 118: SmPFOS Change Score + Days Since Most Recent Fire Models

No points removed

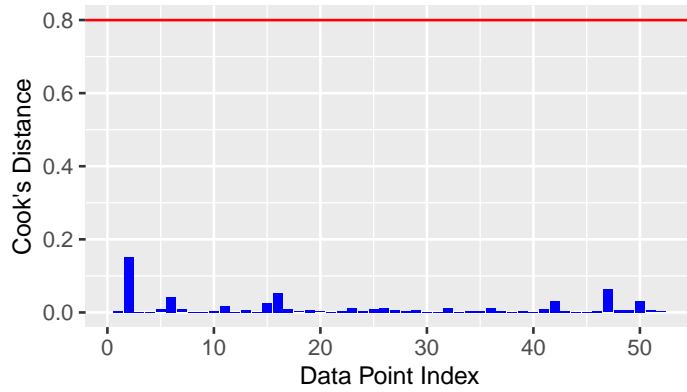


No points removed



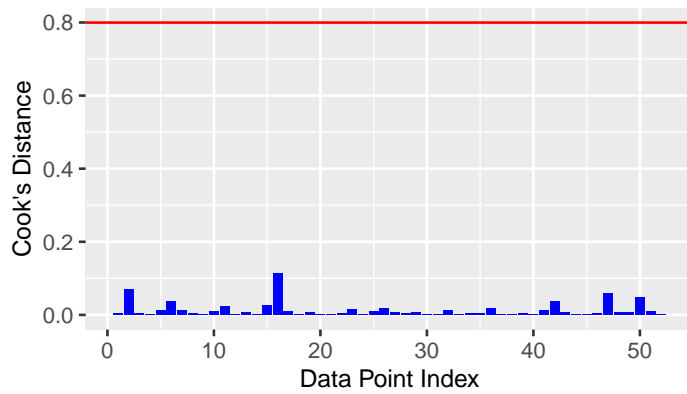
[1] "No influential points removed"

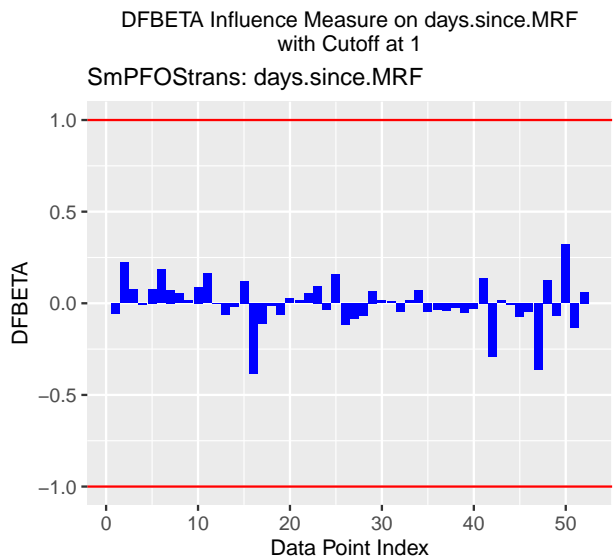
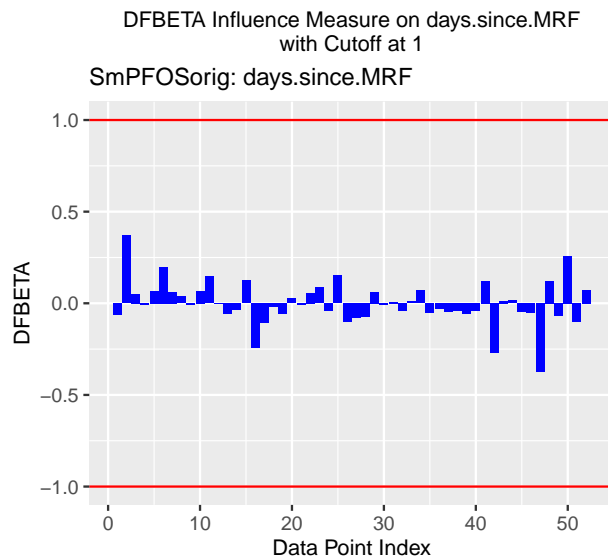
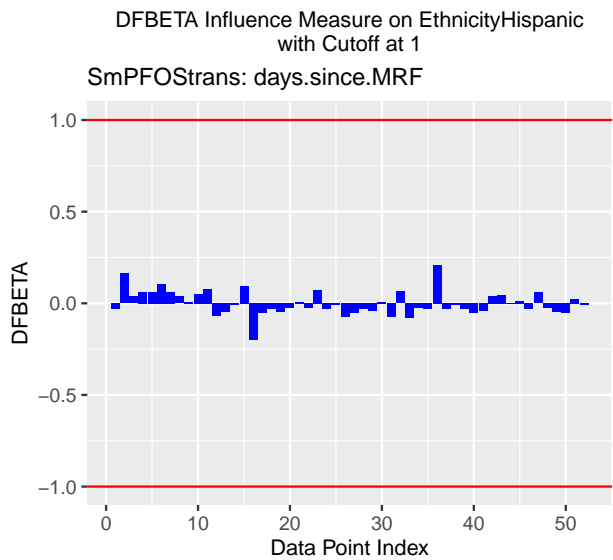
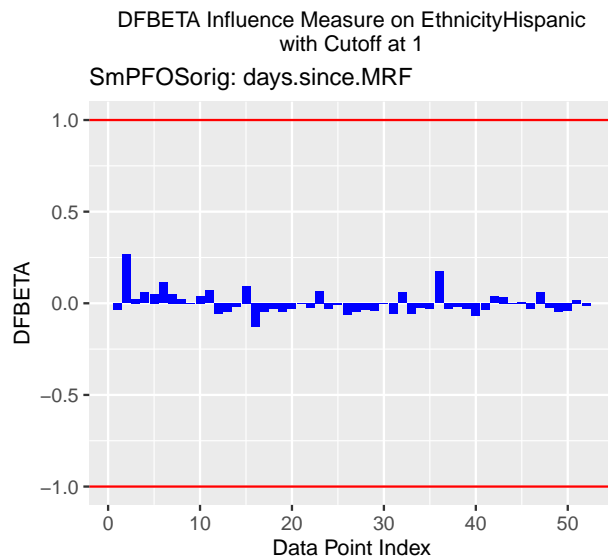
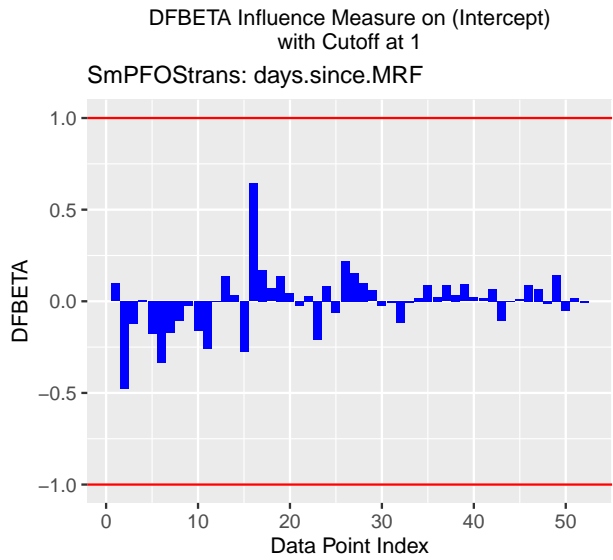
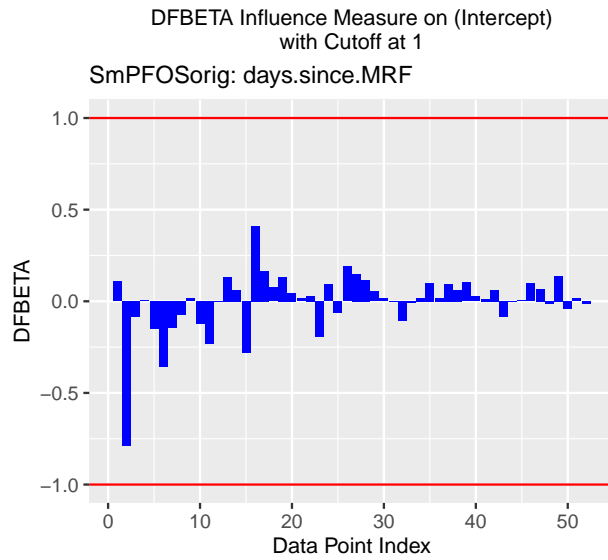
Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution  
 SmpFOSorig: days.since.MRF original values

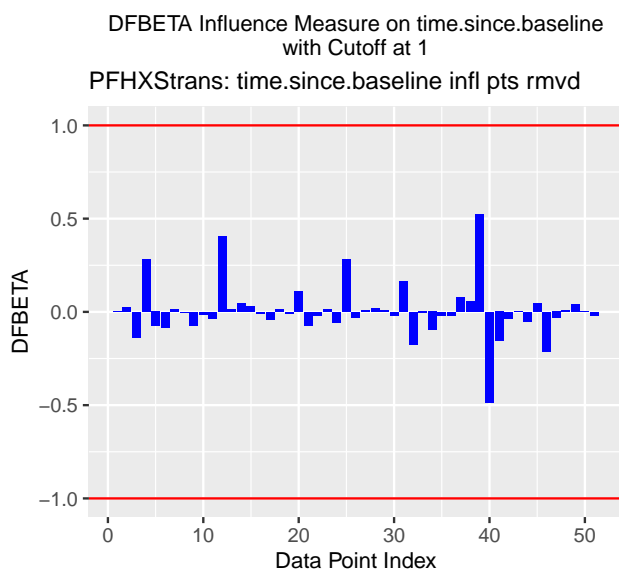
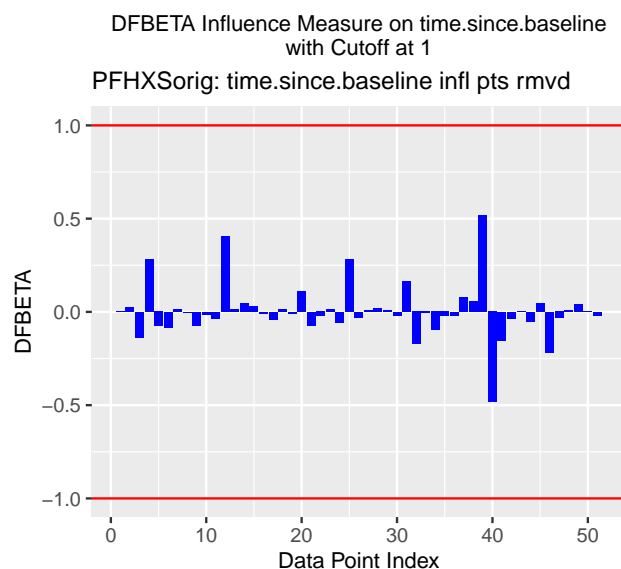
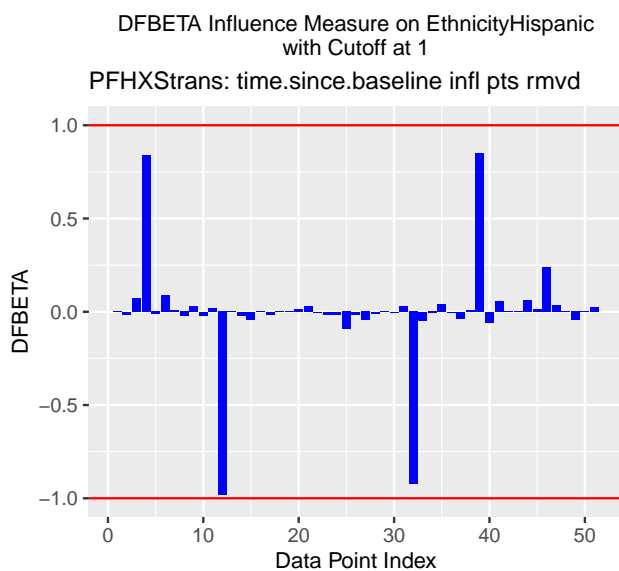
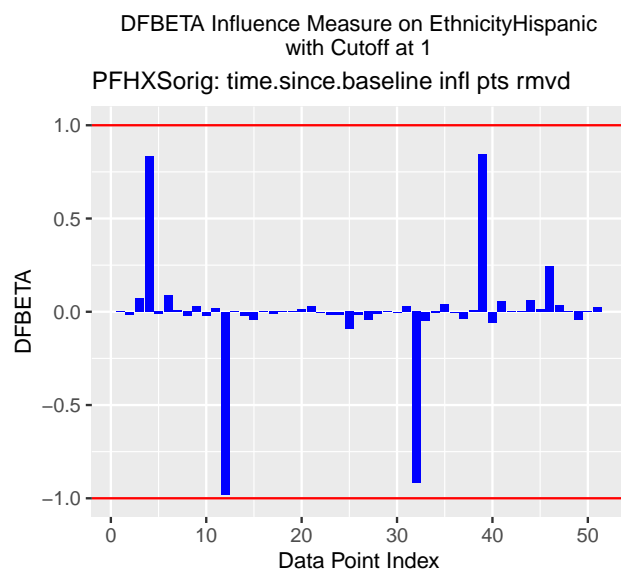
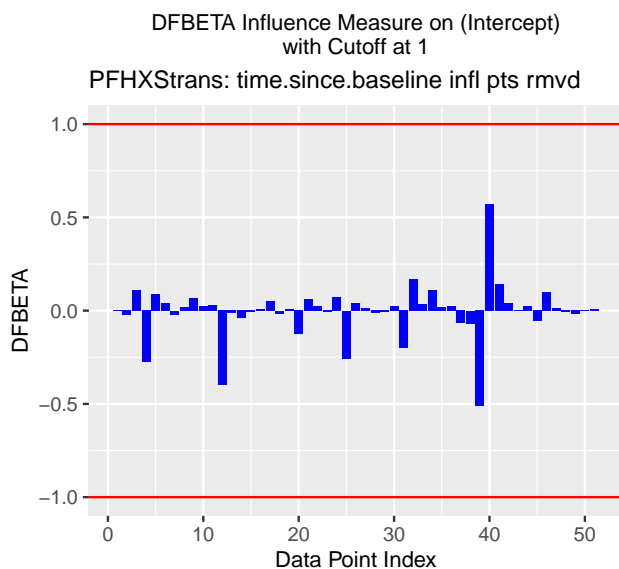
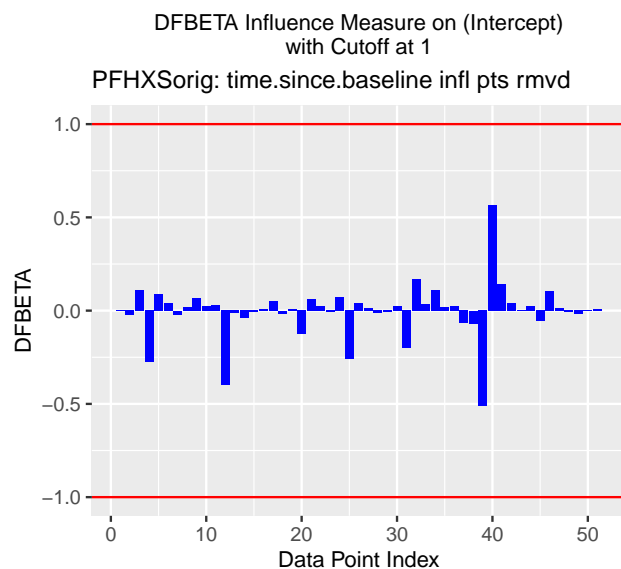


No influential points removed

Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution  
 SmpFOStrans: days.since.MRF transformed values







[1] “No influential DFBETA points” [1] “days.since.struc.MRF”

Table 119: SmPFOS Change Score + Days Since Most Recent Structural Fire Models

	<i>Dependent variable:</i>
	SmPFOSorig
	Orig outcome: all data
Constant	-0.463 t = -5.665 p = 0.00000***
days.since.struc.MRF	0.0005 t = 0.642 p = 0.524
EthnicityHispanic	0.088 t = 0.510 p = 0.613
Observations	52
R <sup>2</sup>	0.012
Adjusted R <sup>2</sup>	-0.028
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 120: SmPFOS Change Score + Days Since Most Recent Structural Fire Models

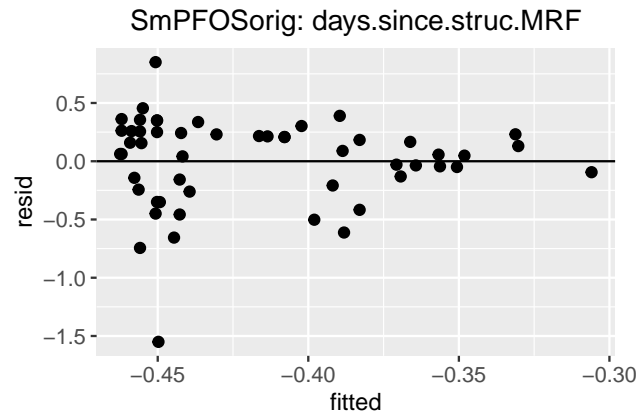
No points removed

Table 121: SmPFOS Change Score + Days Since Most Recent Structural Fire Models

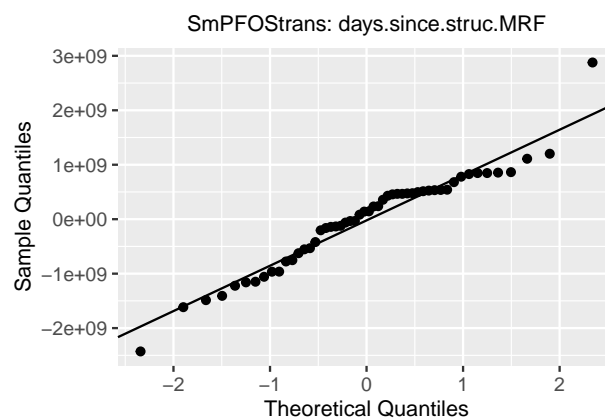
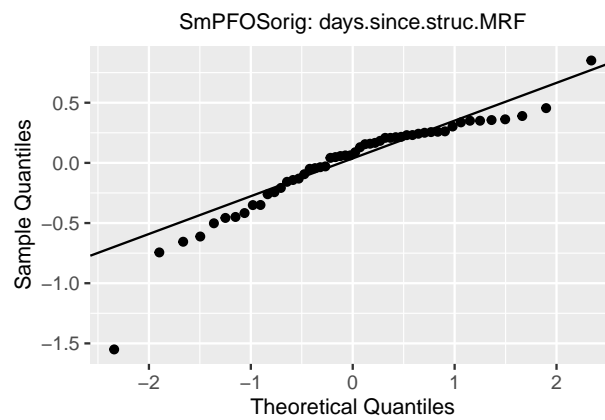
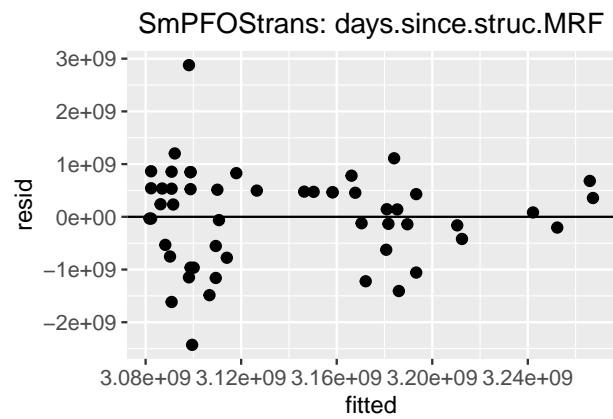
	<i>Dependent variable:</i>
	SmPFOStrans
	Orig outcome: all data
Constant	3,080,977,666.000 t = 16.247 p = 0.000***
days.since.struc.MRF	660,630.400 t = 0.389 p = 0.700
EthnicityHispanic	74,241,133.000 t = 0.186 p = 0.854
Observations	52
R <sup>2</sup>	0.004
Adjusted R <sup>2</sup>	-0.037
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 122: SmPFOS Change Score + Days Since Most Recent Structural Fire Models

No points removed

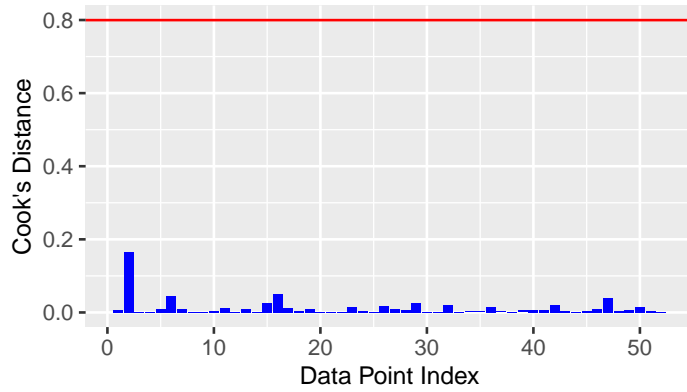


No points removed



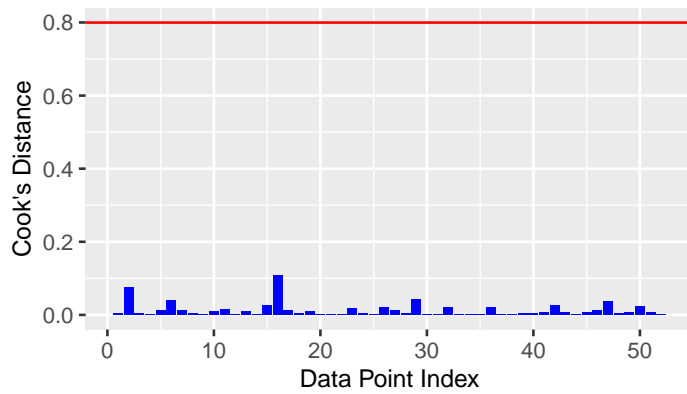
[1] "No influential points removed"

Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution  
SmpFOSorig: days.since.struc.MRF original values

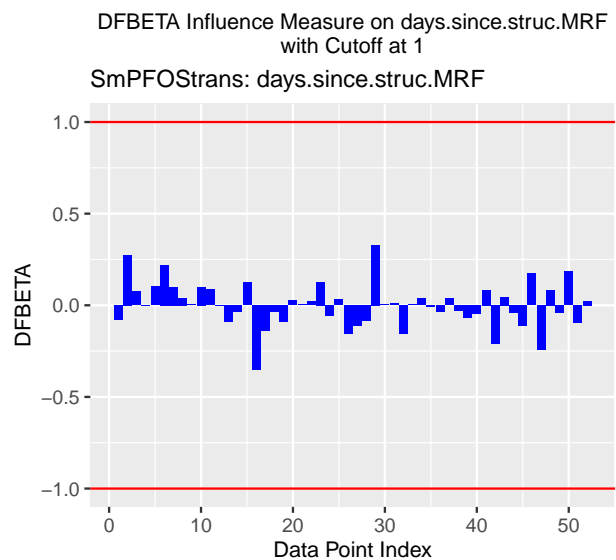
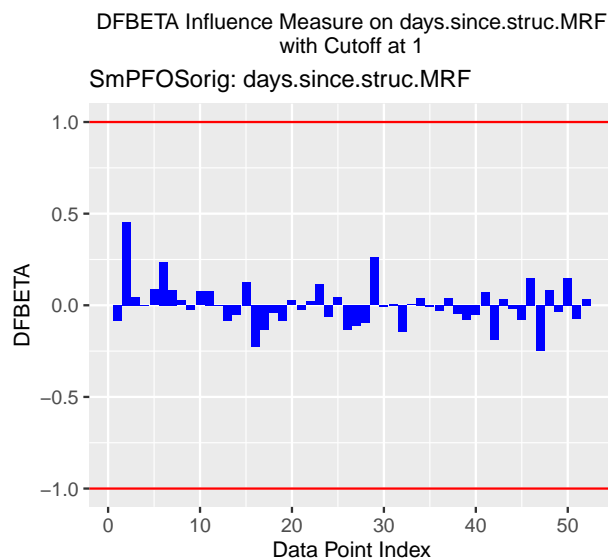
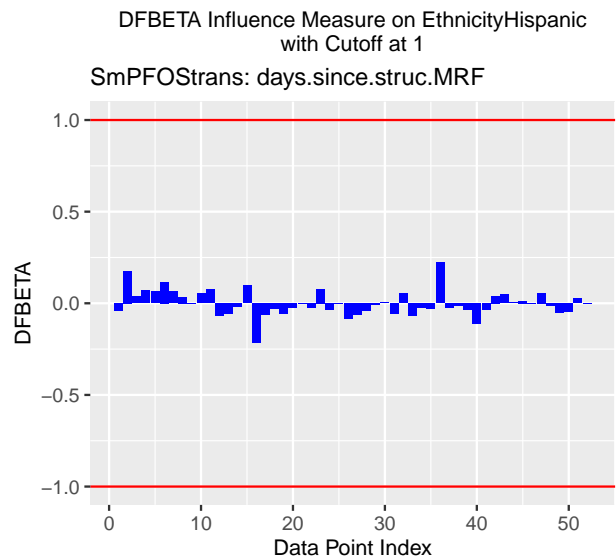
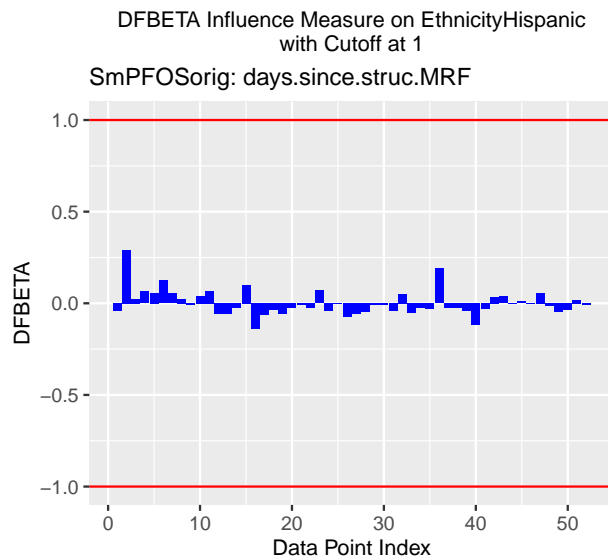
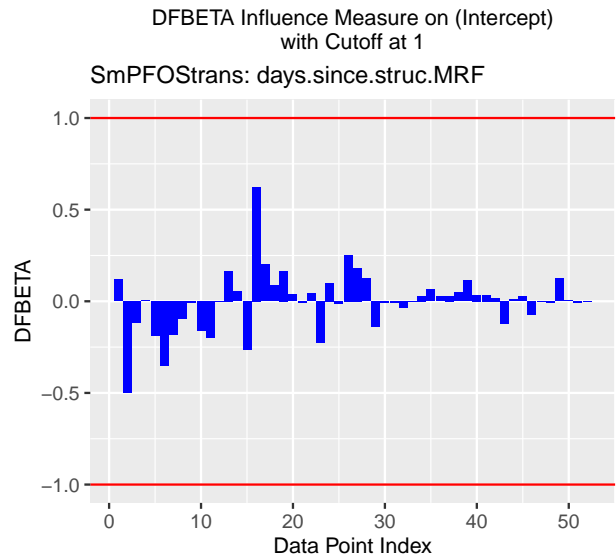
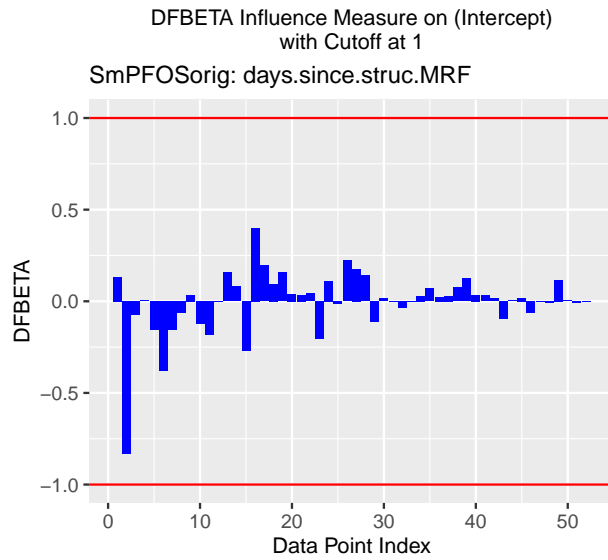


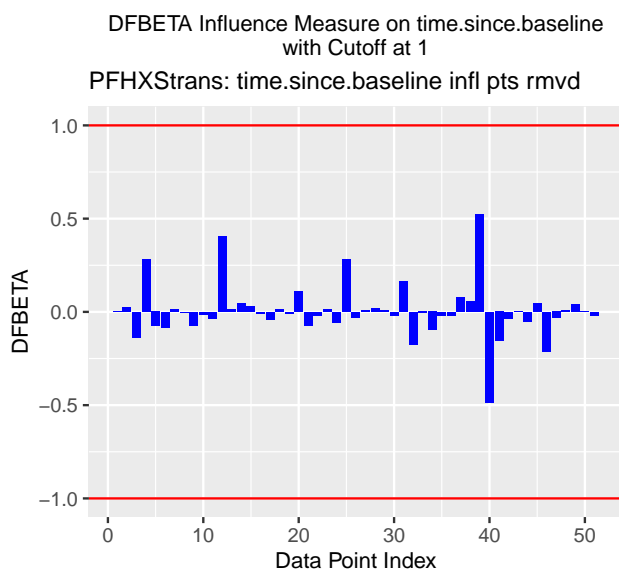
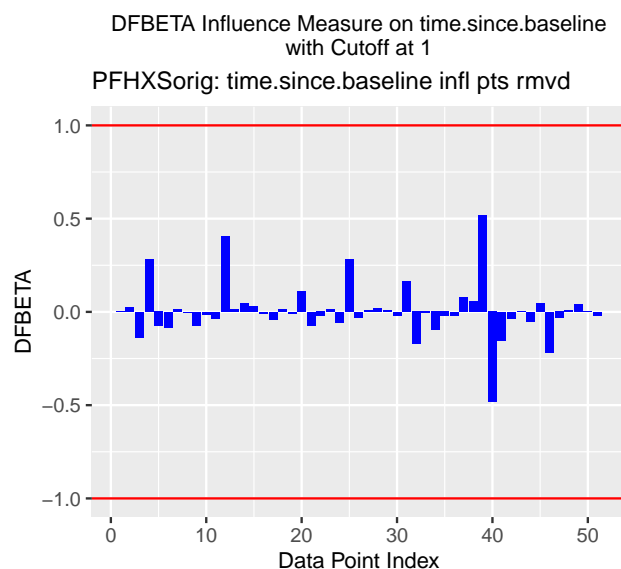
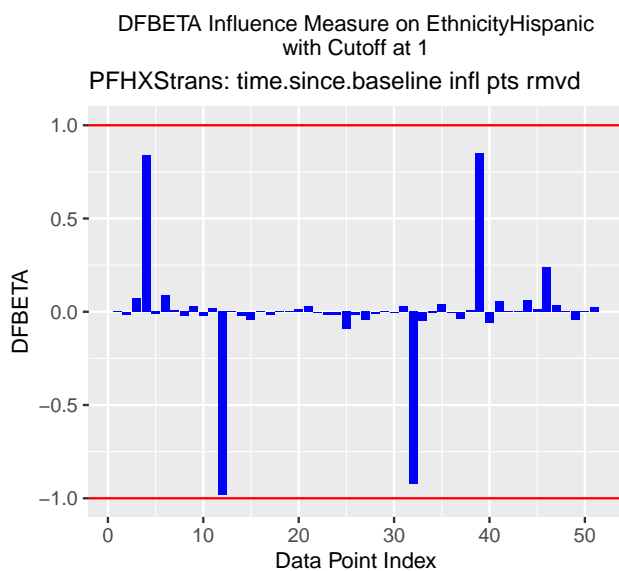
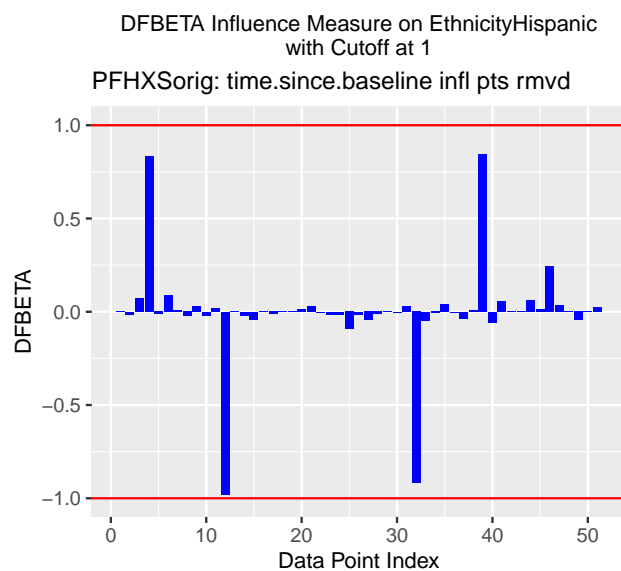
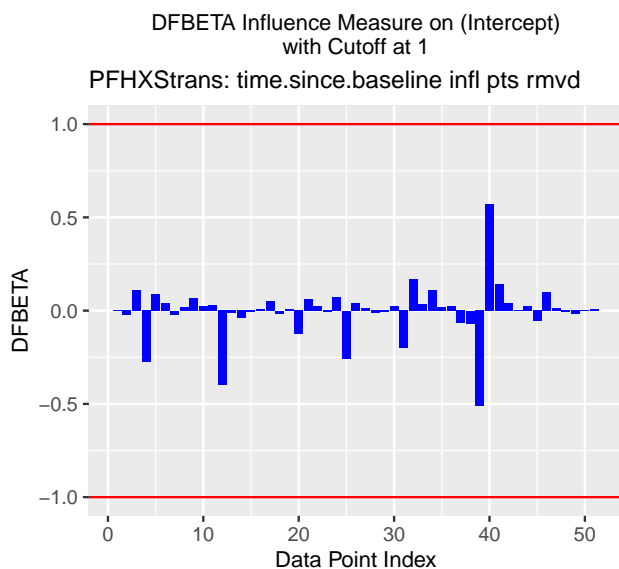
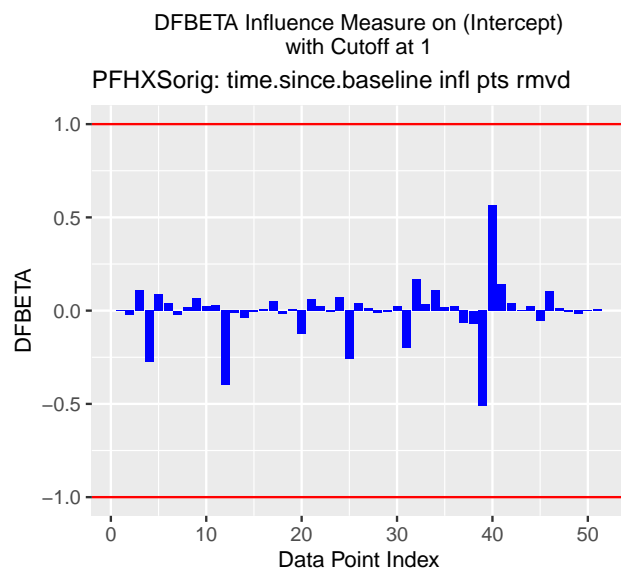
No influential points removed

Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution  
SmpFOStrans: days.since.struc.MRF transformed values









[1] “No influential DFBETA points” [1] “time.since.baseline”

Table 123: SmPFOS Change Score + Time Since Baseline (days) Models

	<i>Dependent variable:</i>
	SmPFOSorig Orig outcome: all data
Constant	0.302 t = 0.939 p = 0.353
time.since.baseline	-0.001 t = -2.297 p = 0.026**
EthnicityHispanic	0.140 t = 0.841 p = 0.405
Observations	52
R <sup>2</sup>	0.101
Adjusted R <sup>2</sup>	0.064
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 124: SmPFOS Change Score + Time Since Baseline (days) Models

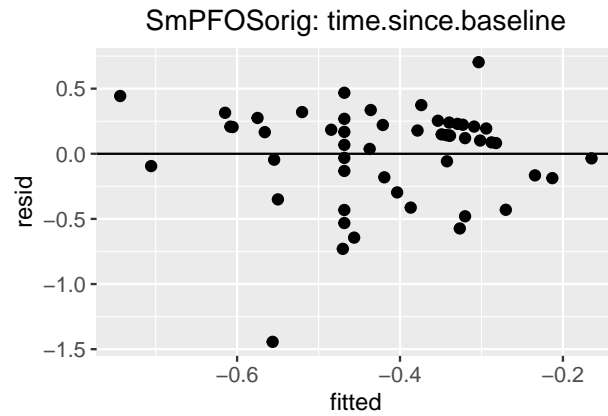
No points removed

Table 125: SmPFOS Change Score + Time Since Baseline (days) Models

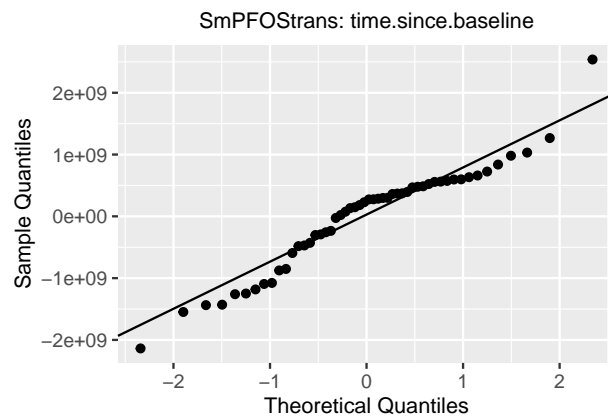
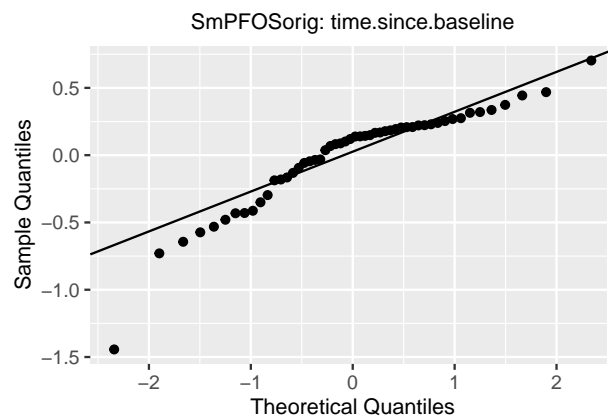
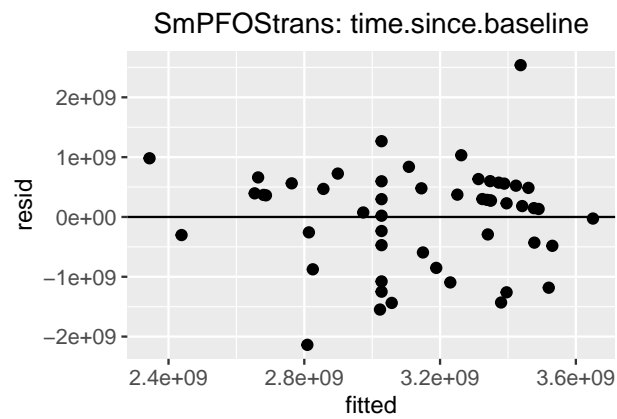
	<i>Dependent variable:</i>
	SmPFOSstrans Orig outcome: all data
Constant	4,942,713,114.000 t = 6.687 p = 0.00000***
time.since.baseline	-2,301,769.000 t = -2.486 p = 0.017**
EthnicityHispanic	215,367,961.000 t = 0.566 p = 0.575
Observations	52
R <sup>2</sup>	0.112
Adjusted R <sup>2</sup>	0.076
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 126: SmPFOS Change Score + Time Since Baseline (days) Models

No points removed

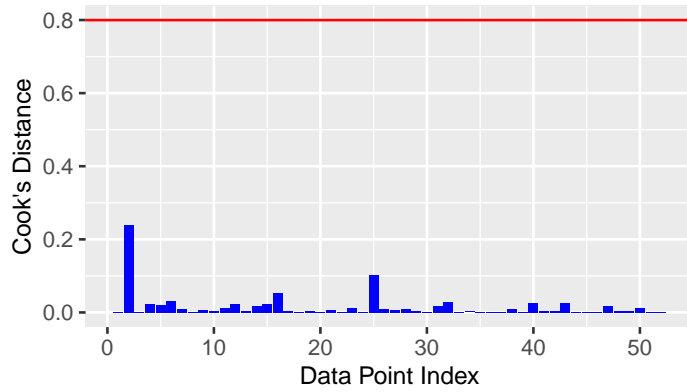


No points removed



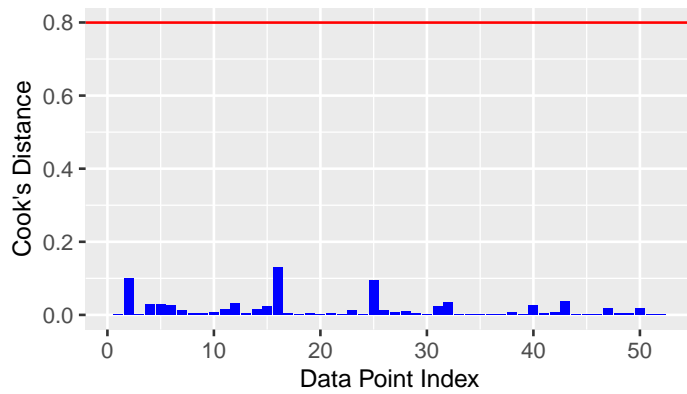
[1] "No influential points removed"

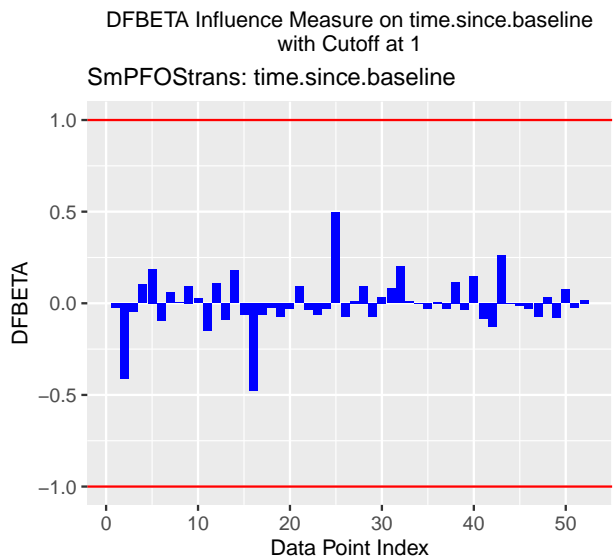
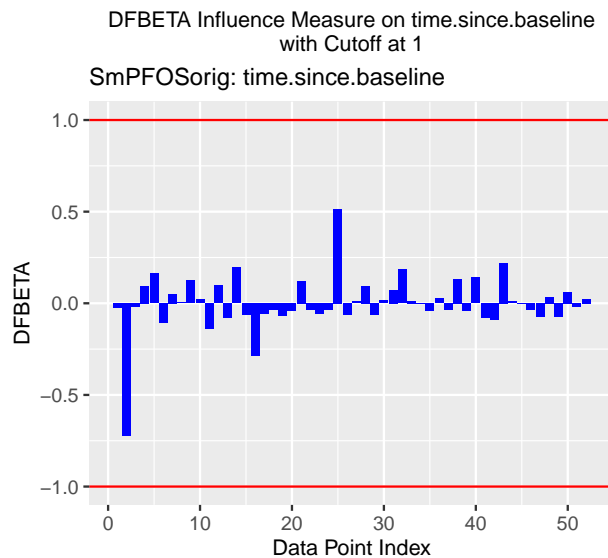
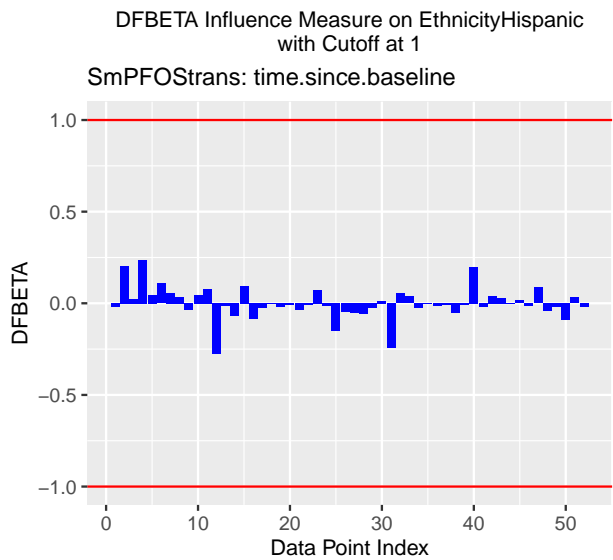
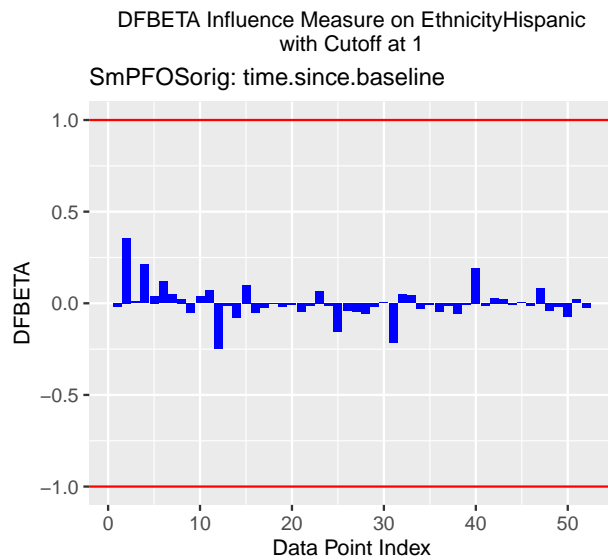
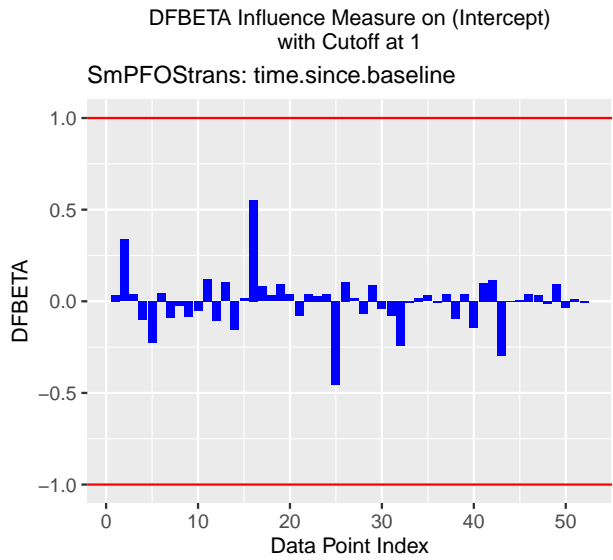
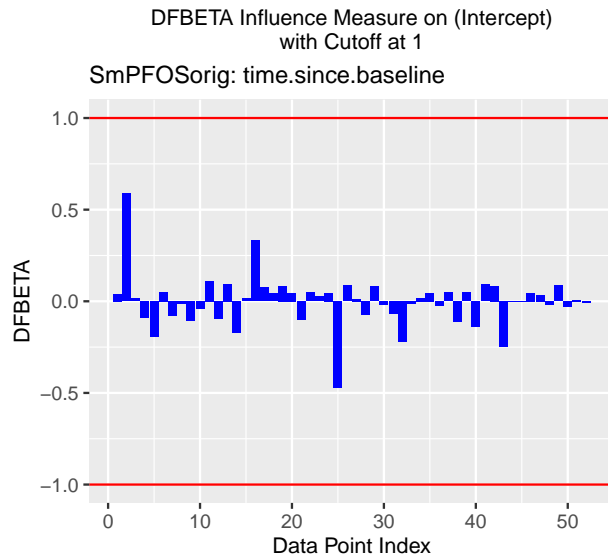
Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution  
SmPFOSorig: time.since.baseline original values

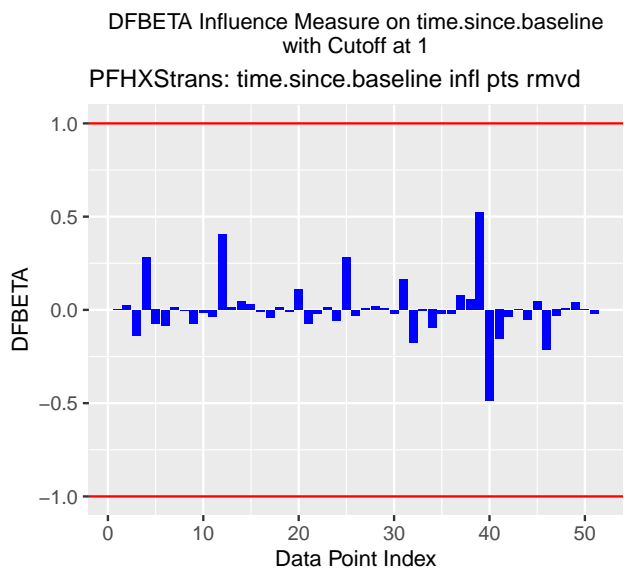
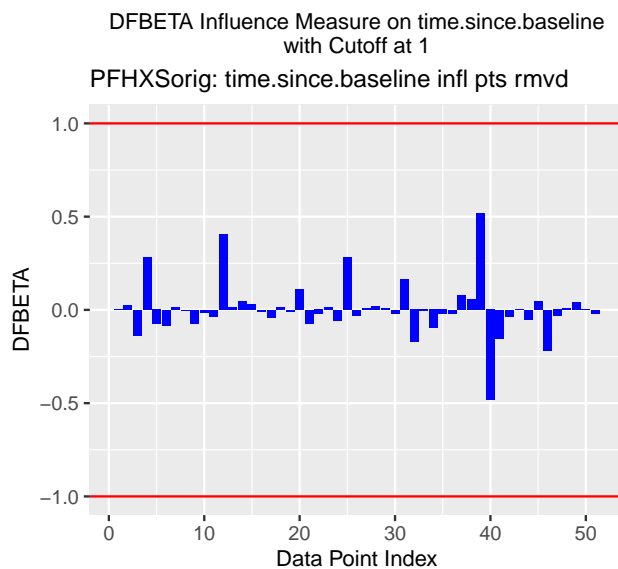
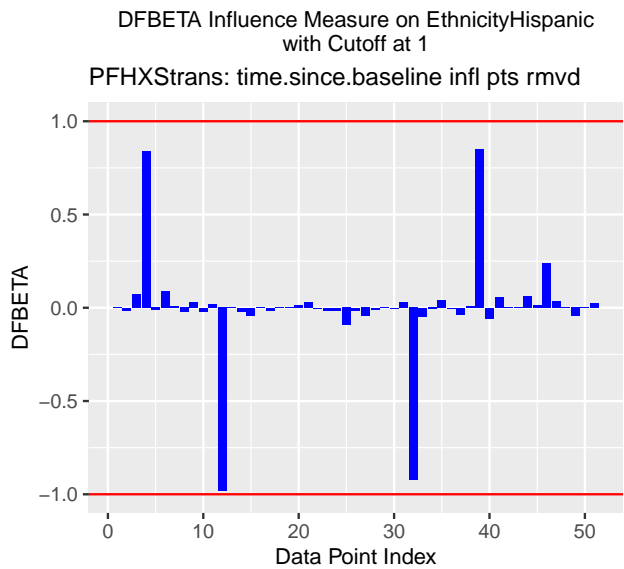
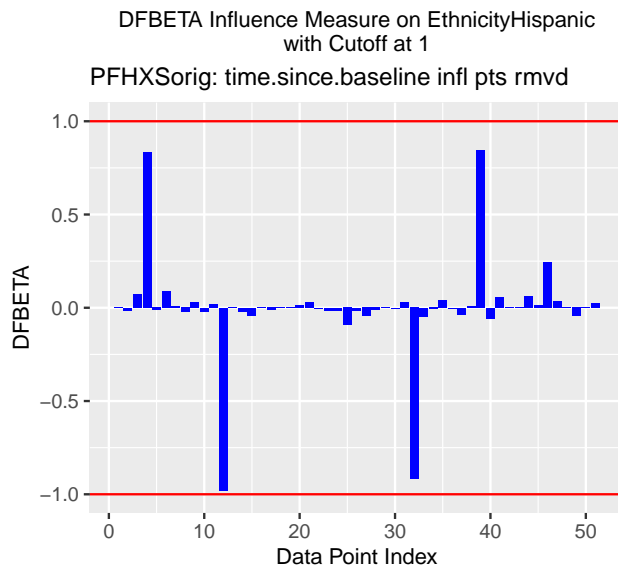
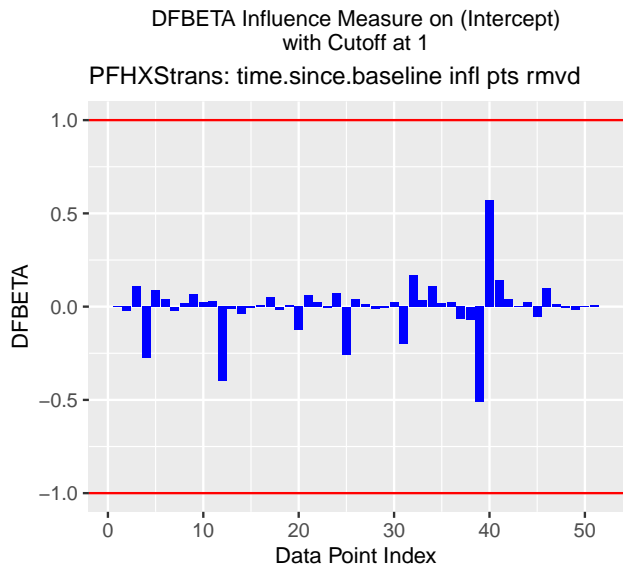
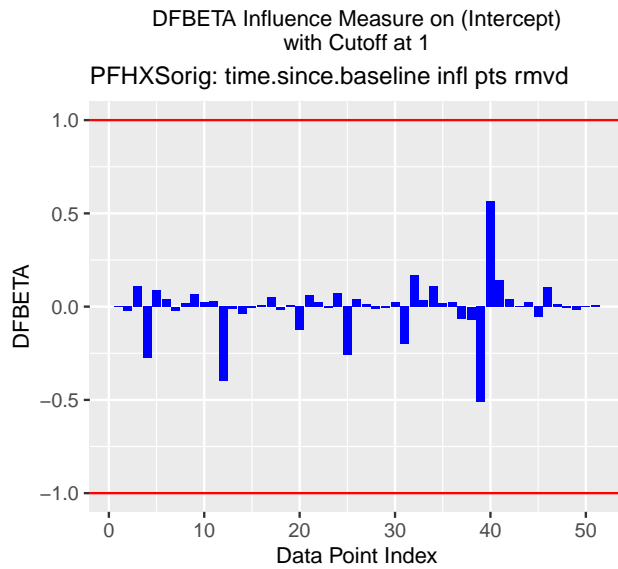


No influential points removed

Cook's Distance with Cutoff at 50% Percentile of  $F(3, 49)$  Distribution  
SmPFOStrans: time.since.baseline transformed values







[1] “No influential DFBETA points”