

TFD longitudinal analyses

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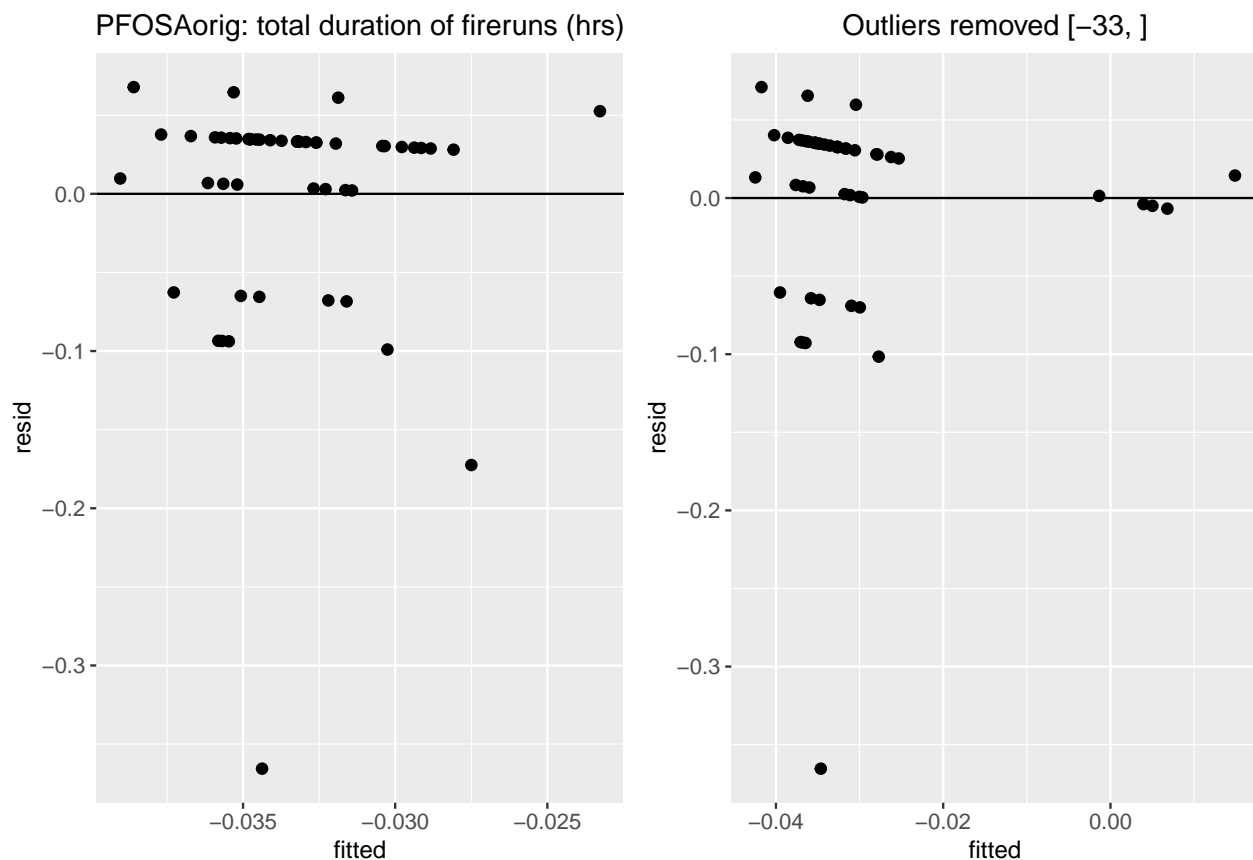


Table 1: PFOSA: total duration of fireruns (hours) - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	PFOSAorig	
	(1)	(2)
Constant	-0.041 t = -1.222 p = 0.228	-0.046 t = -1.454 p = 0.153
total.duration.hrs	0.0003 t = 0.230 p = 0.819	0.0005 t = 0.411 p = 0.683
EthnicityHispanic	0.003 t = 0.079 p = 0.938	0.035 t = 1.026 p = 0.310
Observations	52	51
R ²	0.002	0.033
Adjusted R ²	-0.039	-0.007
<i>Note:</i> *p<0.1; **p<0.05; ***p<0.01		

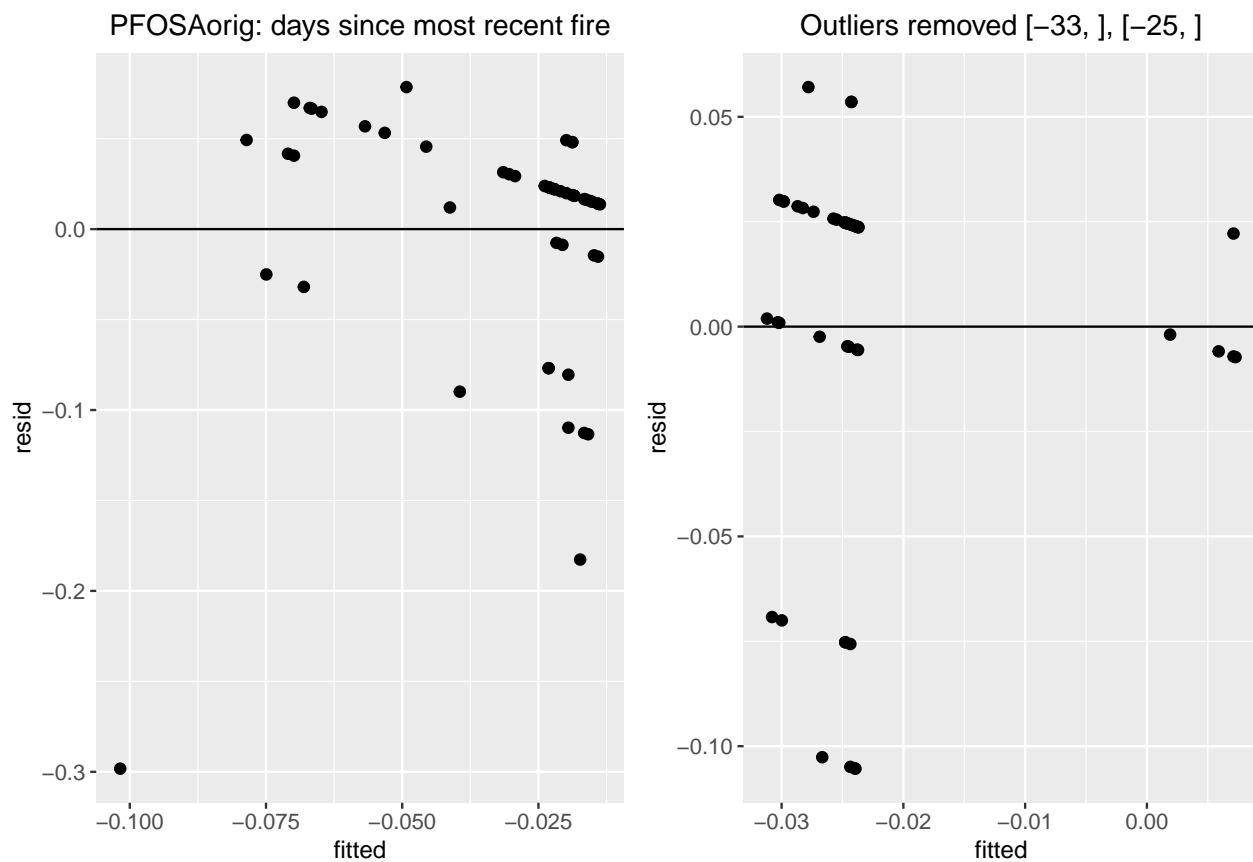


Table 2: PFOSA: days since most recent fire - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	PFOSAorig	
	(1)	(2)
Constant	-0.013 t = -0.965 p = 0.340	-0.024 t = -2.607 p = 0.013**
days.since.MRF	-0.0004 t = -2.262 p = 0.029**	-0.00004 t = -0.367 p = 0.716
EthnicityHispanic	0.002 t = 0.059 p = 0.954	0.032 t = 1.484 p = 0.145
Observations	52	50
R ²	0.095	0.047
Adjusted R ²	0.058	0.007
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01	

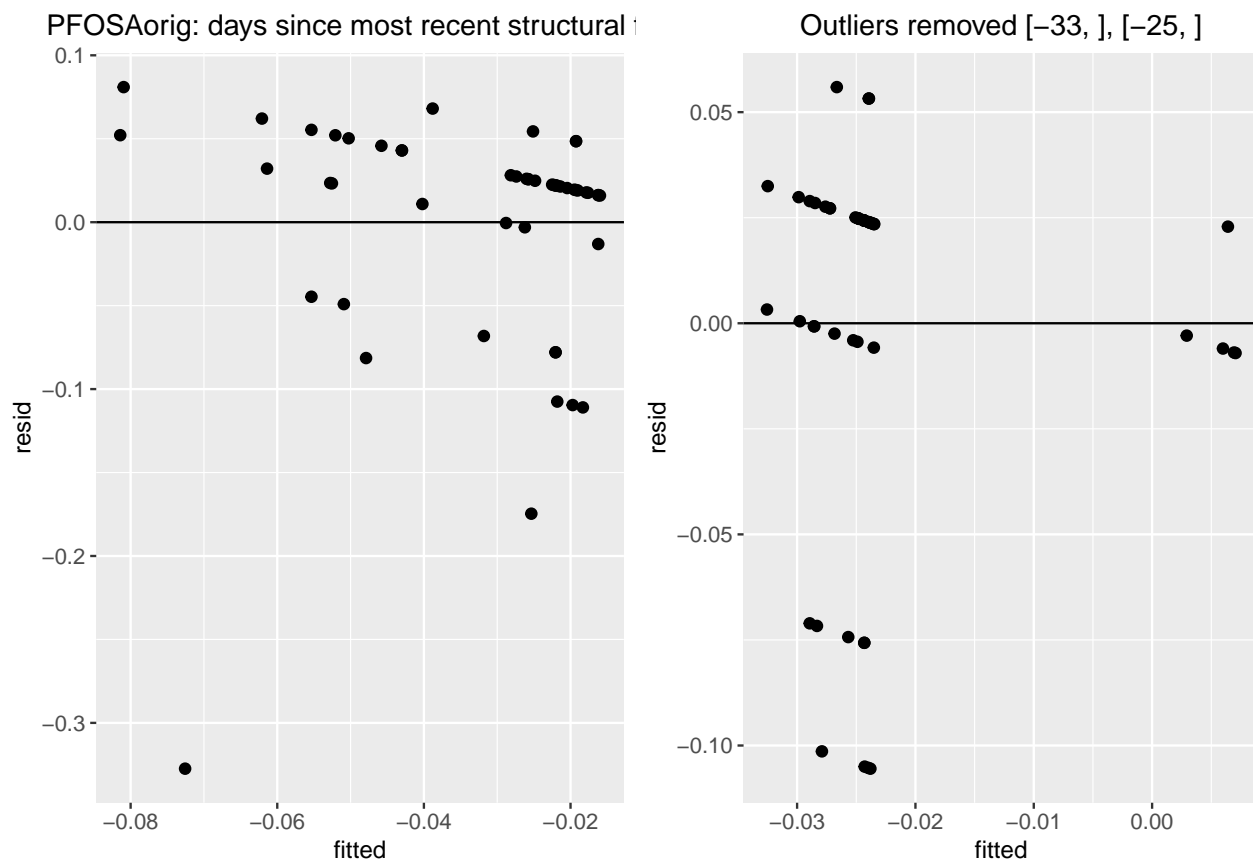


Table 3: PFOSA: days since most recent structural fire - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	PFOSAorig	
	(1)	(2)
Constant	-0.016 t = -1.058 p = 0.296	-0.023 t = -2.481 p = 0.017**
days.since.struc.MRF	-0.0002 t = -1.746 p = 0.088*	-0.00003 t = -0.364 p = 0.718
EthnicityHispanic	-0.0003 t = -0.009 p = 0.993	0.031 t = 1.451 p = 0.154
Observations	52	50
R ²	0.059	0.047
Adjusted R ²	0.021	0.007
Note:	*p<0.1; **p<0.05; ***p<0.01	

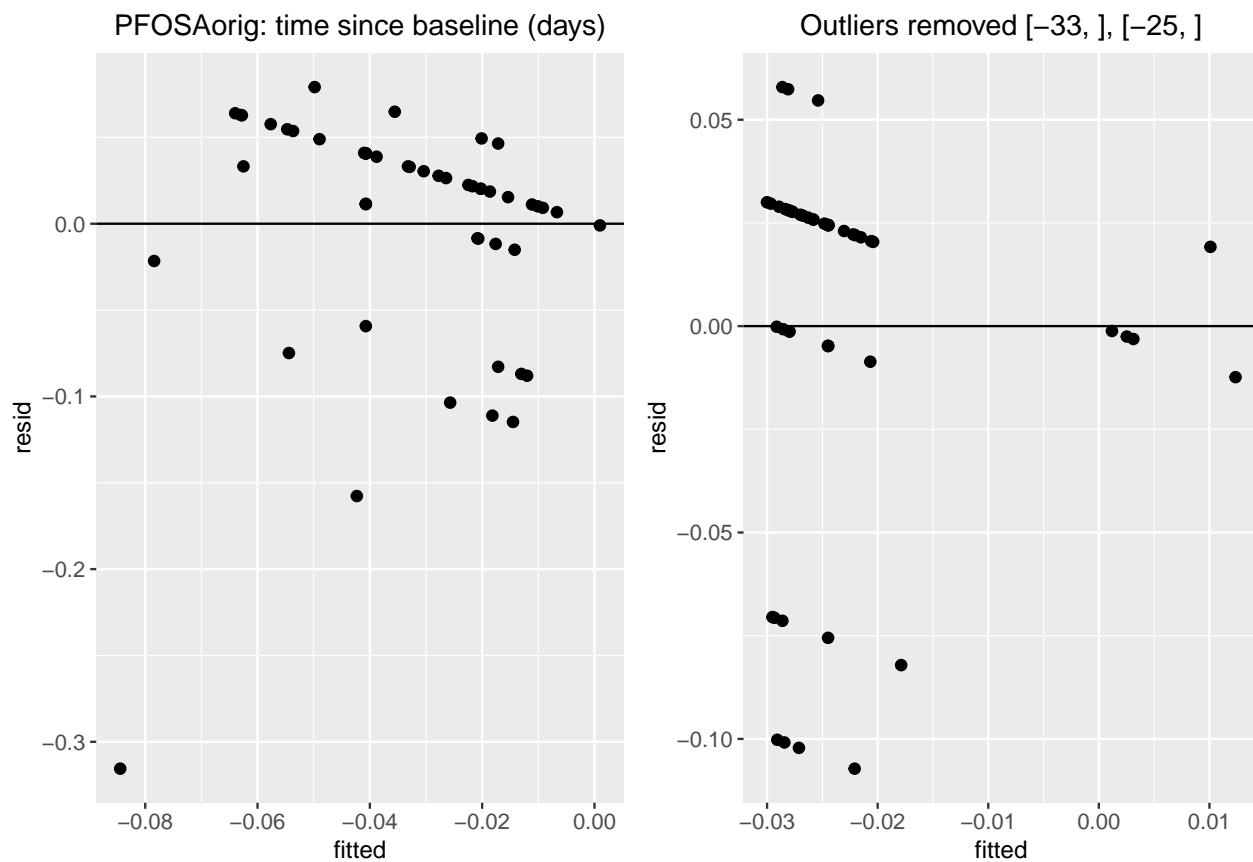


Table 4: PFOSA: time since baseline (days) - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	PFOSAorig	
	(1)	(2)
Constant	0.082 t = 1.339 p = 0.187	-0.046 t = -1.107 p = 0.274
time.since.baseline	-0.0001 t = -1.925 p = 0.061*	0.00003 t = 0.491 p = 0.626
EthnicityHispanic	0.016 t = 0.497 p = 0.622	0.030 t = 1.402 p = 0.168
Observations	52	50
R ²	0.071	0.050
Adjusted R ²	0.033	0.009
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01	



Table 5: nPFOA: Total number of fireruns - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	nPFOAorig	
	(1)	(2)
Constant	-0.321 t = -2.854 p = 0.007***	-0.394 t = -4.812 p = 0.00002***
days.since.struc.MRF	-0.002 t = -2.442 p = 0.019**	-0.002 t = -2.059 p = 0.046**
EthnicityHispanic	-0.365 t = -1.541 p = 0.130	0.020 t = 0.095 p = 0.925
Observations	52	50
R ²	0.135	0.086
Adjusted R ²	0.099	0.047

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

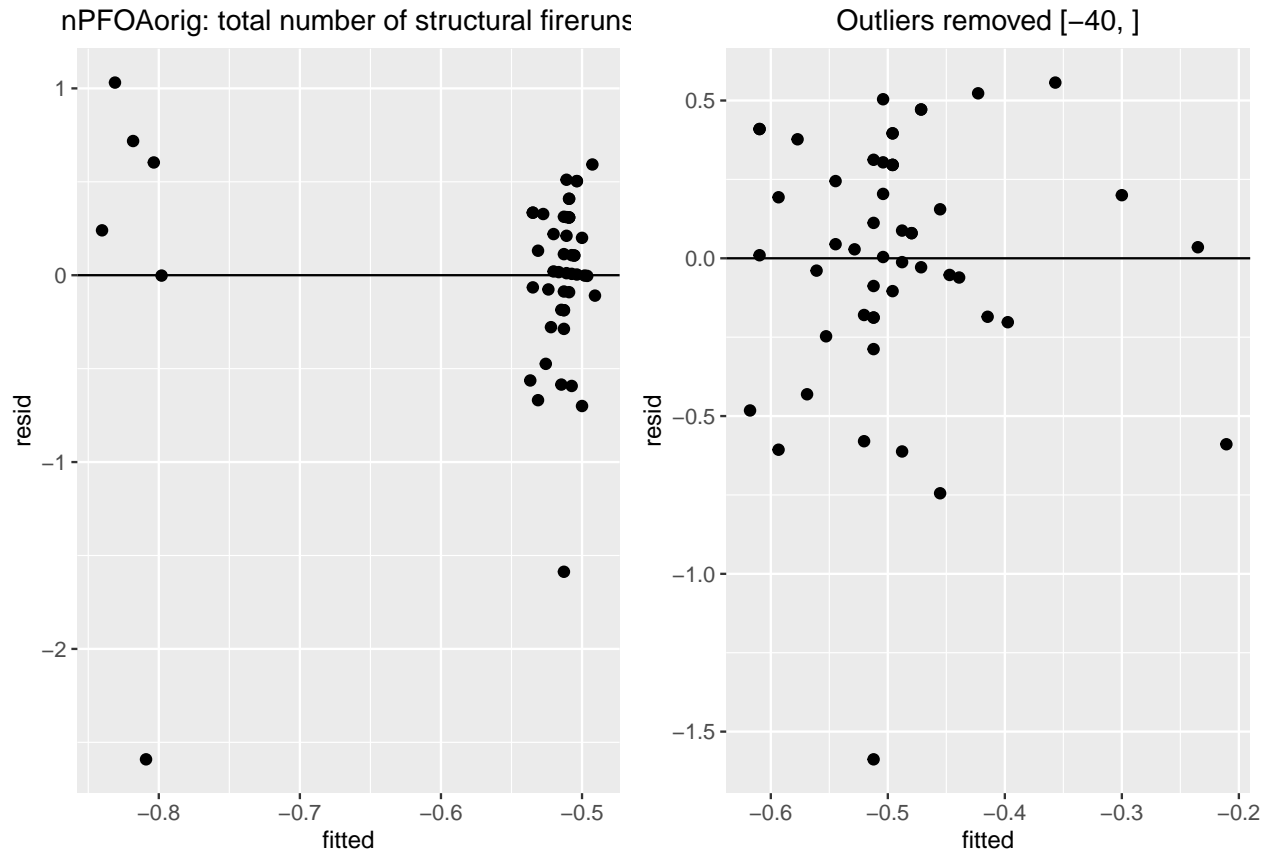


Table 6: nPFOA: Total number of structural fireruns - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	nPFOAorig	
	(1)	(2)
Constant	-0.483 t = -2.199 p = 0.033**	-0.382 t = -2.431 p = 0.019**
str.num.fireruns	-0.002 t = -0.146 p = 0.885	-0.008 t = -0.901 p = 0.373
EthnicityHispanic	-0.291 t = -1.098 p = 0.278	0.277 t = 1.349 p = 0.184
Observations	52	51
R ²	0.030	0.041
Adjusted R ²	-0.010	0.001
<i>Note:</i> *p<0.1; **p<0.05; ***p<0.01		

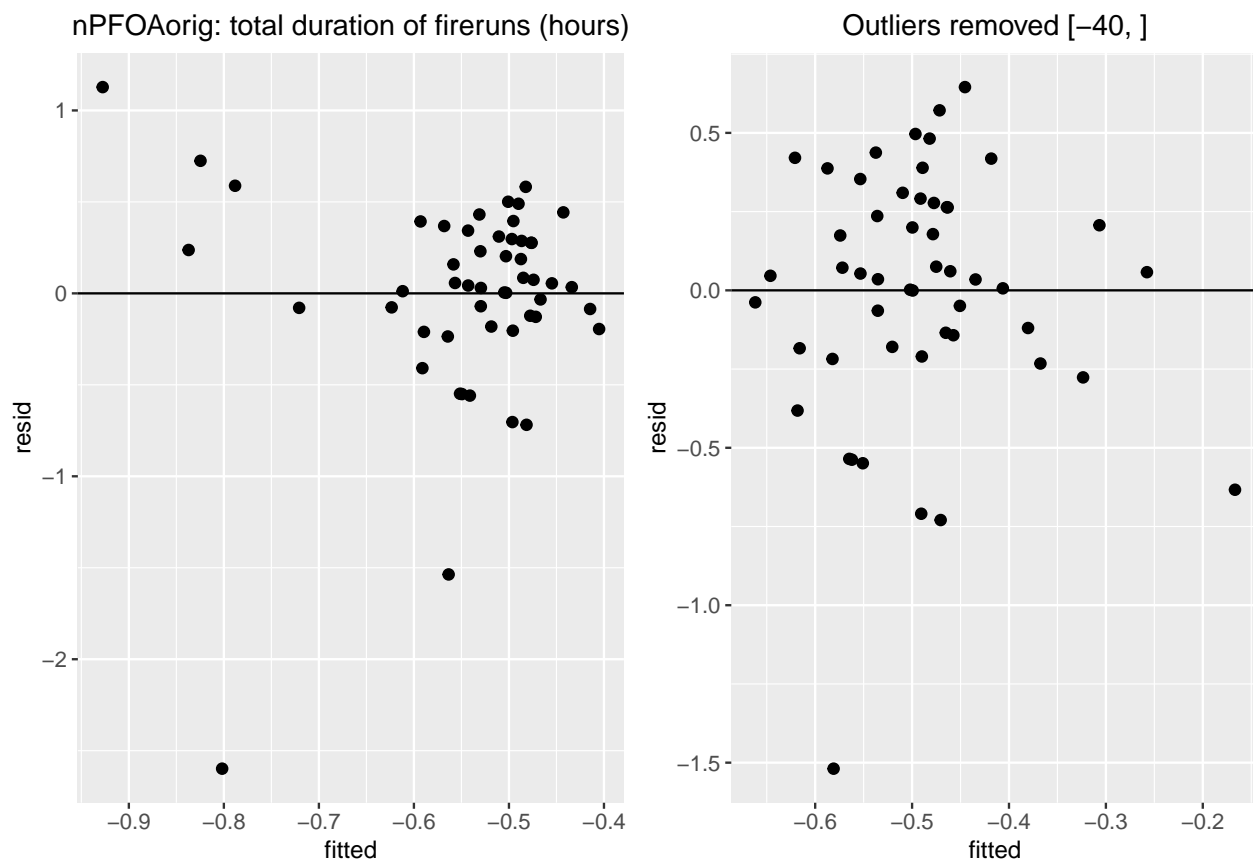
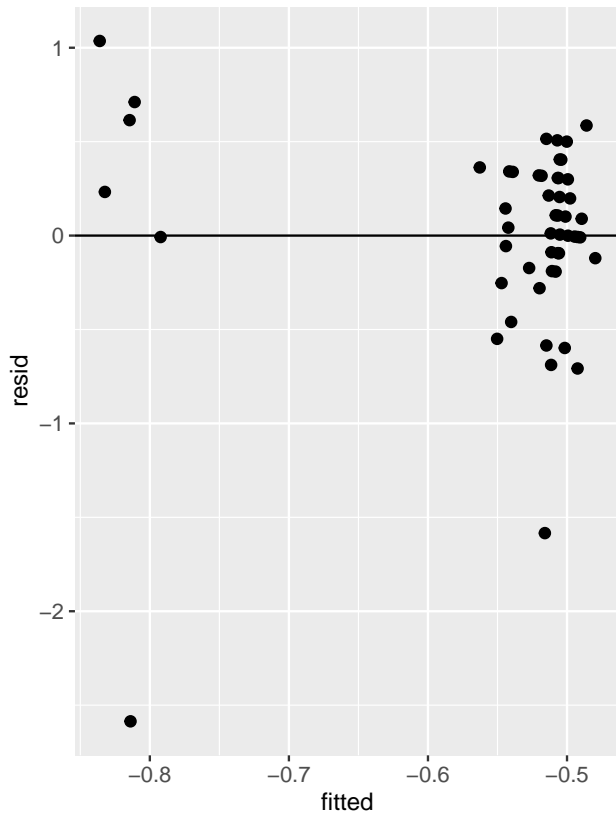


Table 7: nPFOA: total duration of fireruns (hours) - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	nPFOAorig	
	(1)	(2)
Constant	-0.355 t = -1.357 p = 0.182	-0.300 t = -1.613 p = 0.114
total.duration.hrs	-0.006 t = -0.638 p = 0.527	-0.008 t = -1.210 p = 0.233
EthnicityHispanic	-0.243 t = -0.915 p = 0.365	0.298 t = 1.463 p = 0.151
Observations	52	51
R ²	0.037	0.053
Adjusted R ²	-0.002	0.014
<i>Note:</i> *p<0.1; **p<0.05; ***p<0.01		

nPFOAorig: total duration of structural fireruns (hc



Outliers removed [-40,]

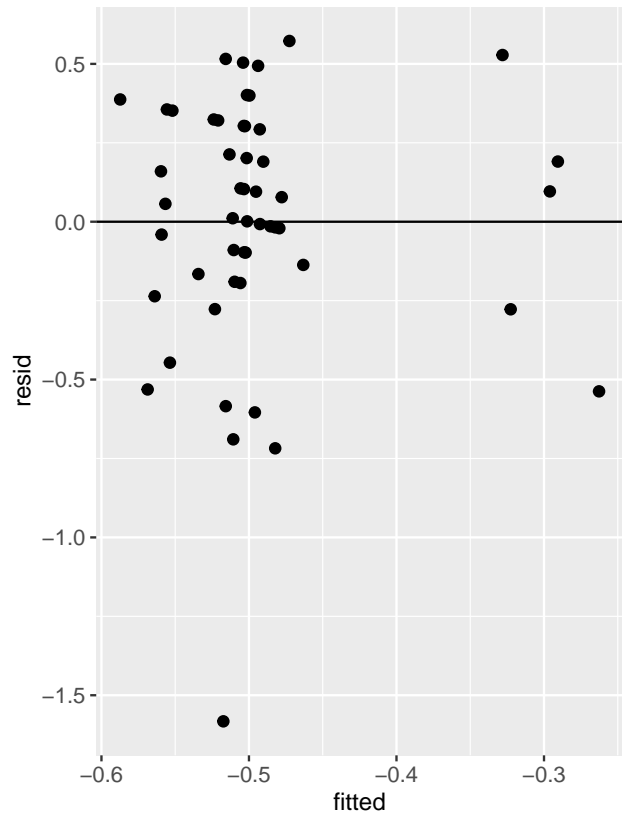


Table 8: nPFOA: total duration of structural fireruns (hours) - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	nPFOAorig	
	(1)	(2)
Constant	-0.472 t = -2.384 p = 0.022**	-0.452 t = -3.182 p = 0.003***
str.duration.hrs	-0.003 t = -0.229 p = 0.820	-0.005 t = -0.478 p = 0.635
EthnicityHispanic	-0.279 t = -1.024 p = 0.311	0.251 t = 1.198 p = 0.237
Observations	52	51
R ²	0.030	0.029
Adjusted R ²	-0.009	-0.011
<i>Note:</i> *p<0.1; **p<0.05; ***p<0.01		

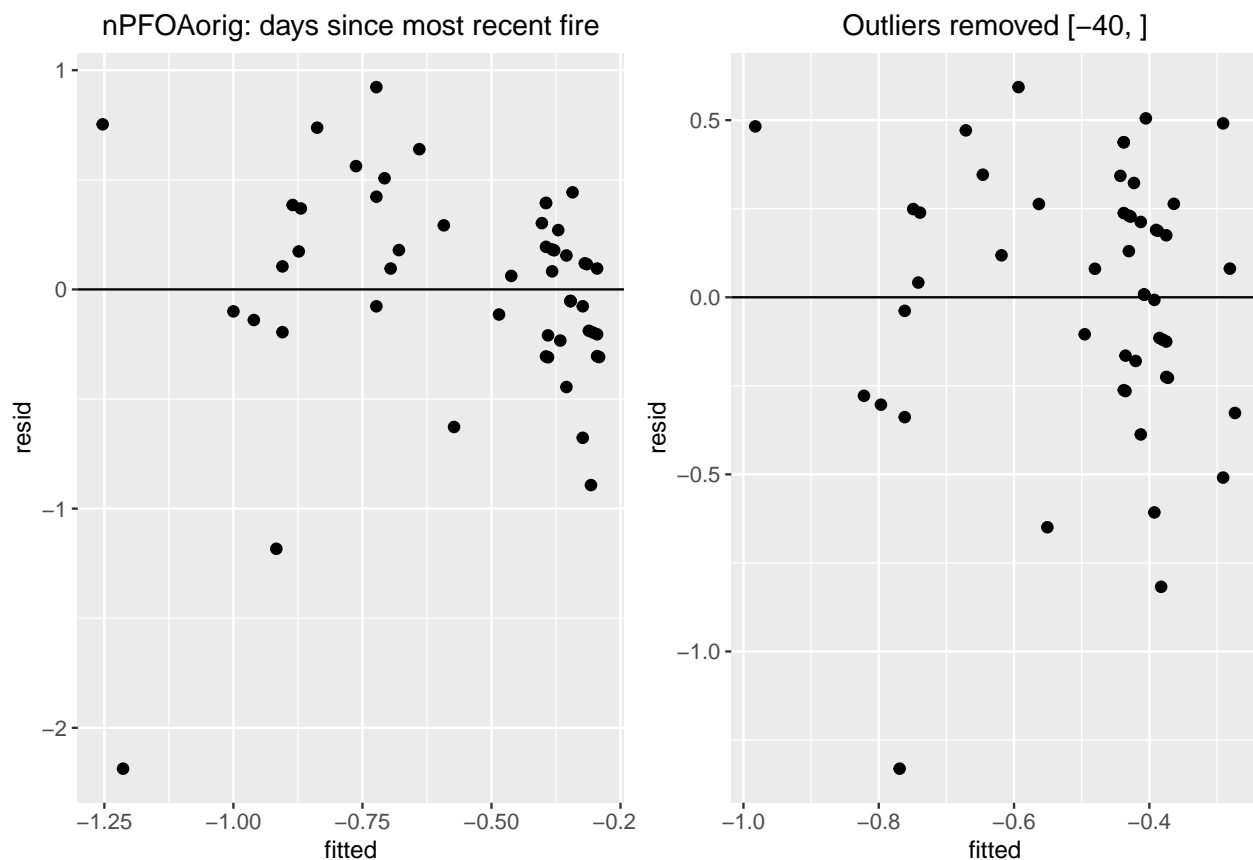


Table 9: nPFOA: days since most recent fire - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	nPFOAorig	
	(1)	(2)
Constant	-0.288 t = -2.830 p = 0.007***	-0.370 t = -4.860 p = 0.00002***
days.since.MRF	-0.004 t = -3.365 p = 0.002***	-0.003 t = -2.798 p = 0.008***
EthnicityHispanic	-0.344 t = -1.530 p = 0.133	0.137 t = 0.751 p = 0.457
Observations	52	51
R ²	0.212	0.161
Adjusted R ²	0.179	0.126
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01	

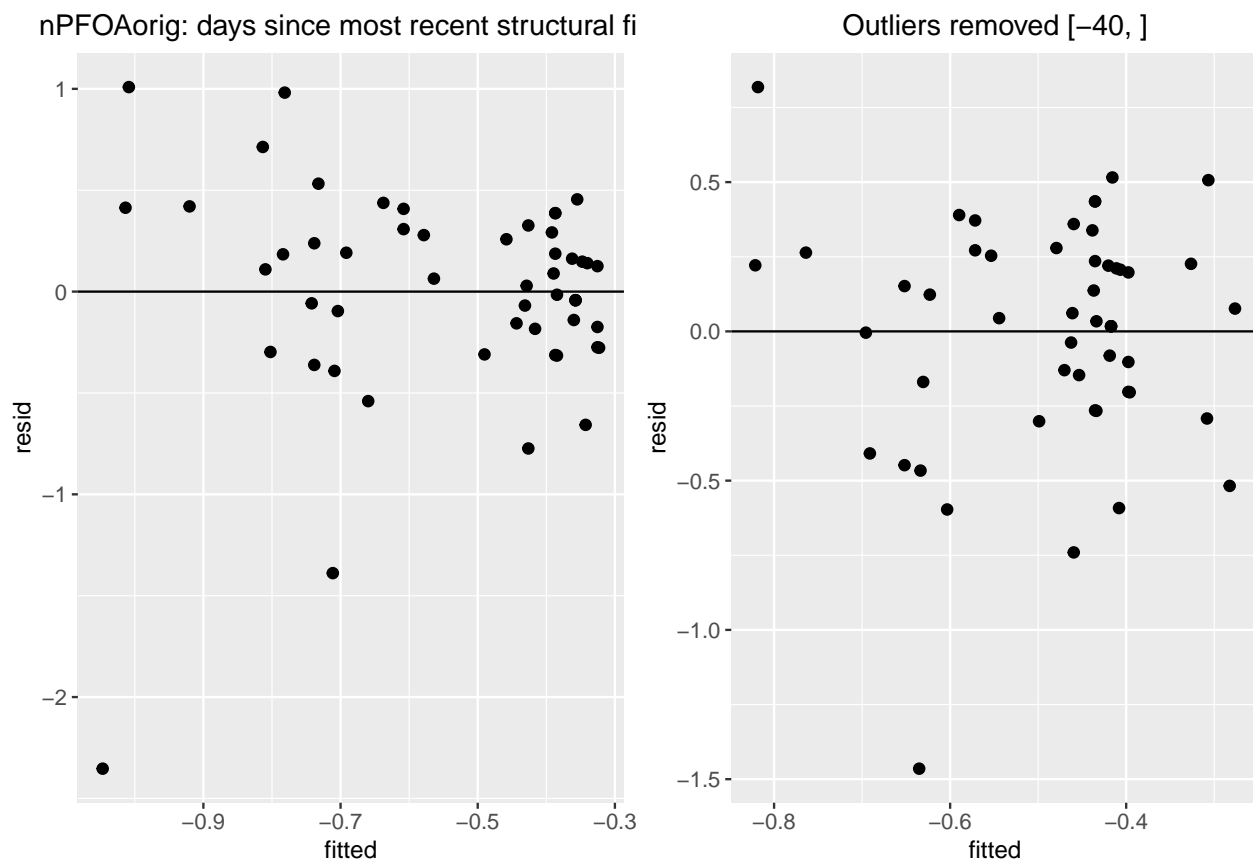


Table 10: nPFOA: days since most recent structural fire - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	nPFOAorig	
	(1)	(2)
Constant	-0.321 t = -2.854 p = 0.007***	-0.394 t = -4.768 p = 0.00002***
days.since.struc.MRF	-0.002 t = -2.442 p = 0.019**	-0.002 t = -2.023 p = 0.049**
EthnicityHispanic	-0.365 t = -1.541 p = 0.130	0.147 t = 0.776 p = 0.442
Observations	52	51
R ²	0.135	0.101
Adjusted R ²	0.099	0.064

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

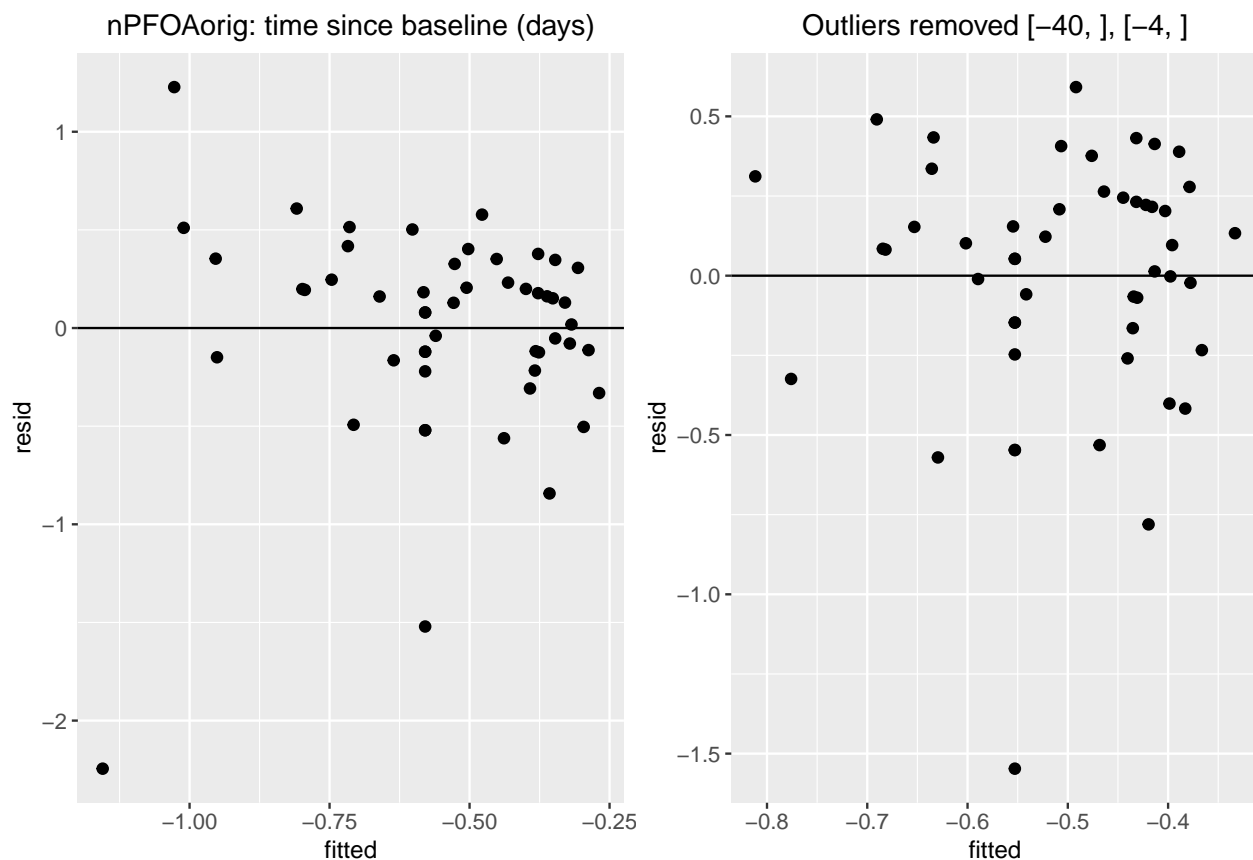


Table 11: nPFOA: time since baseline (days) - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	nPFOAorig	
	(1)	(2)
Constant	0.628 t = 1.359 p = 0.181	0.172 t = 0.479 p = 0.634
time.since.baseline	-0.001 t = -2.506 p = 0.016**	-0.001 t = -1.932 p = 0.060*
EthnicityHispanic	-0.204 t = -0.857 p = 0.396	0.065 t = 0.318 p = 0.753
Observations	52	50
R ²	0.140	0.077
Adjusted R ²	0.105	0.038
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01	

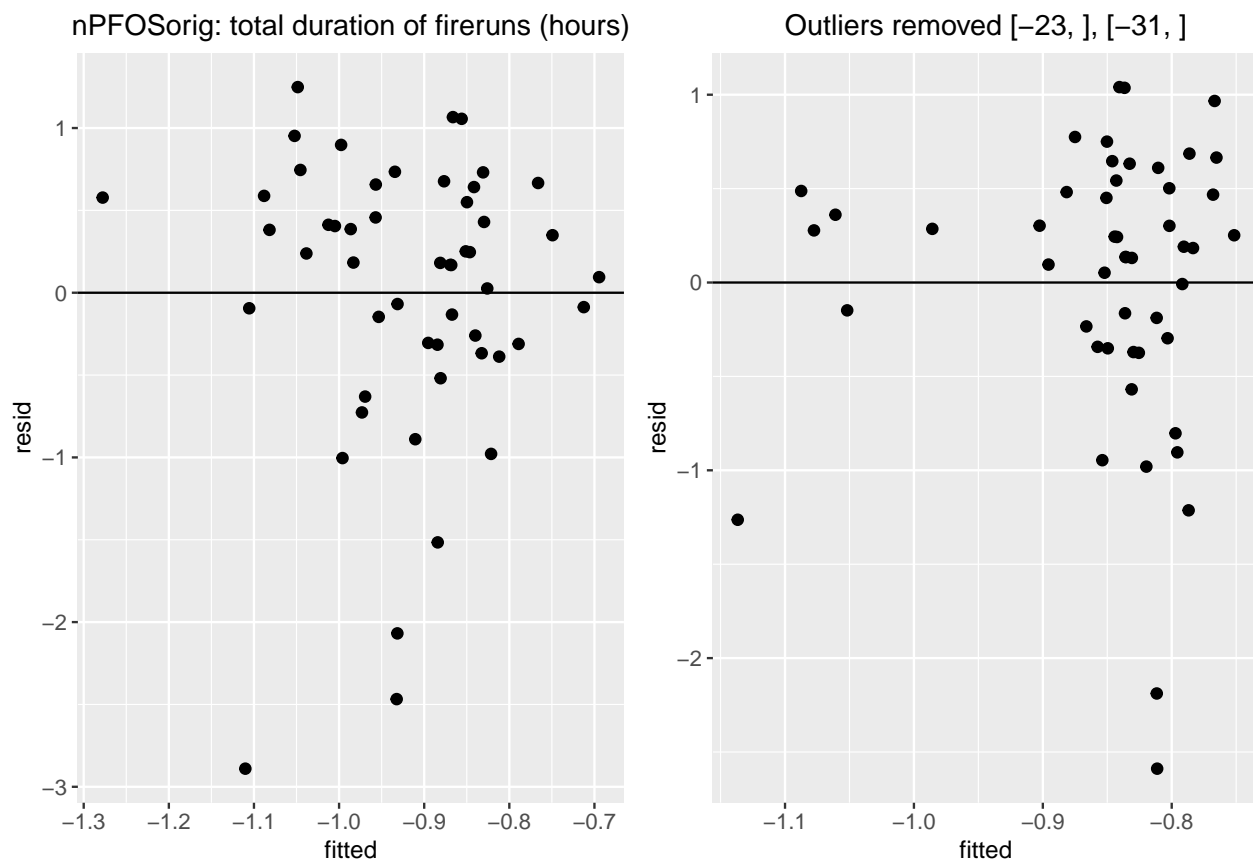


Table 12: nPFOS: total duration of fireruns (hours) - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	nPFOSorig	
	(1)	(2)
Constant	-0.599 t = -1.508 p = 0.139	-0.939 t = -2.581 p = 0.014**
total.duration.hrs	-0.012 t = -0.800 p = 0.428	0.004 t = 0.331 p = 0.743
EthnicityHispanic	-0.052 t = -0.128 p = 0.899	-0.287 t = -0.797 p = 0.430
Observations	52	50
R ²	0.017	0.013
Adjusted R ²	-0.023	-0.029

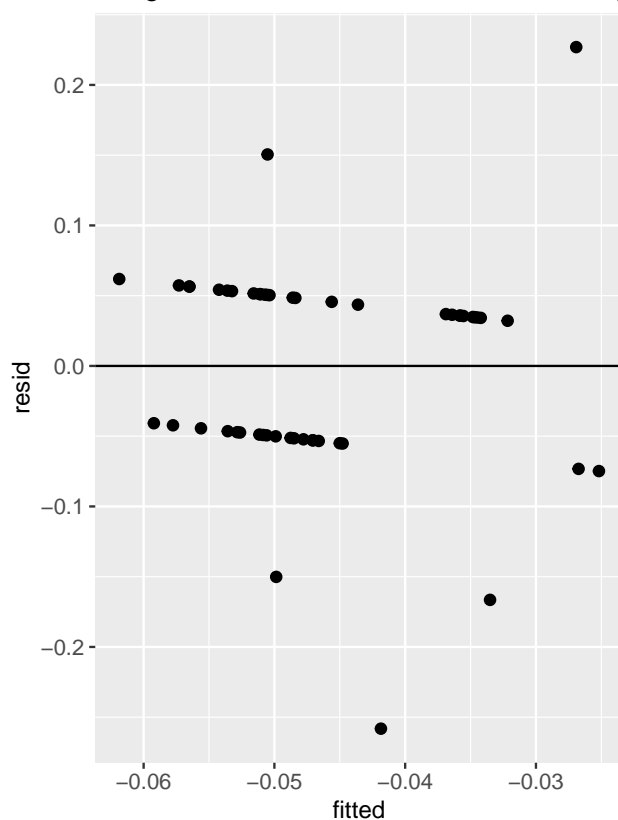
Note: *p<0.1; **p<0.05; ***p<0.01



Table 13: PFDEA: total duration of fireruns (hours) - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	PFDEAorig	
	(1)	(2)
Constant	-0.009 t = -0.264 p = 0.794	-0.037 t = -1.107 p = 0.274
total.duration.hrs	-0.001 t = -1.133 p = 0.263	-0.0002 t = -0.160 p = 0.874
EthnicityHispanic	0.029 t = 0.802 p = 0.427	0.011 t = 0.327 p = 0.746
Observations	52	51
R ²	0.029	0.002
Adjusted R ²	-0.011	-0.039
<i>Note:</i> * p<0.1; ** p<0.05; *** p<0.01		

PFDEAorig: total duration of structural fireruns (h



Outliers removed [-3,]

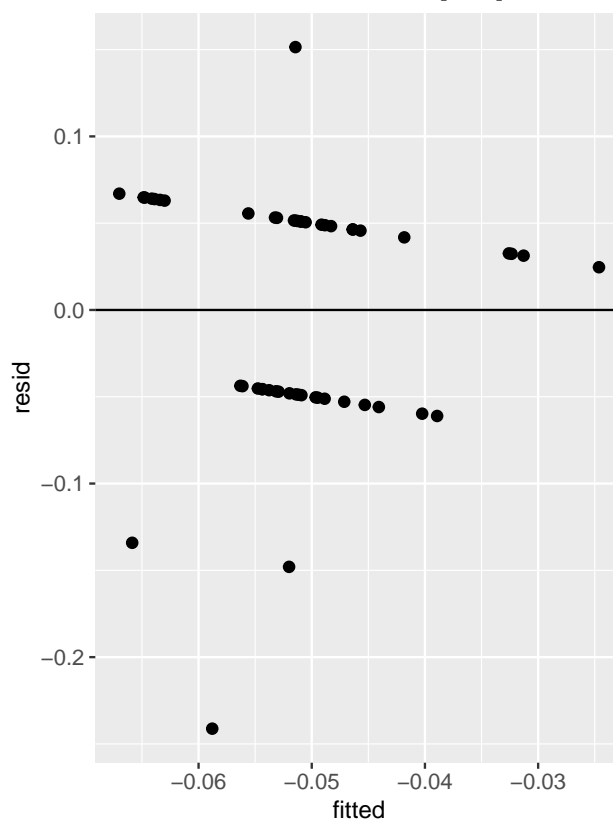


Table 14: PFDEA: total duration of structural fireruns (hours) - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	PFDEAorig	
	(1)	(2)
Constant	-0.065 t = -2.393 p = 0.021**	-0.039 t = -1.523 p = 0.135
str.duration.hrs	0.001 t = 0.702 p = 0.486	-0.001 t = -0.610 p = 0.545
EthnicityHispanic	0.004 t = 0.107 p = 0.916	0.029 t = 0.849 p = 0.401
Observations	52	51
R ²	0.014	0.016
Adjusted R ²	-0.027	-0.025
<i>Note:</i> *p<0.1; **p<0.05; ***p<0.01		

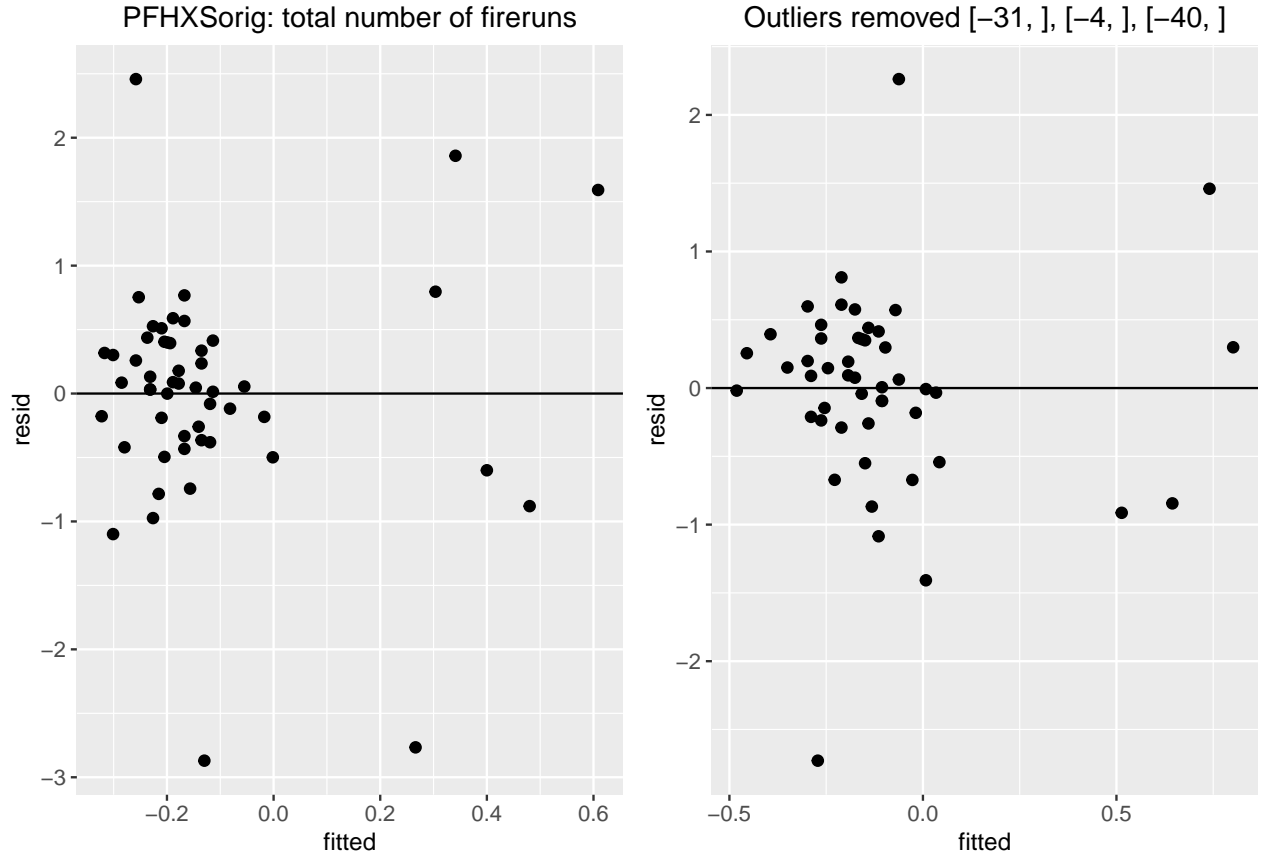


Table 15: PFHXS: total number of fireruns - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	PFHXSorig	
	(1)	(2)
Constant	-0.440 t = -1.056 p = 0.297	0.235 t = 0.601 p = 0.551
total.num.fireruns	0.005 t = 0.639 p = 0.526	-0.009 t = -1.103 p = 0.276
EthnicityHispanic	0.514 t = 1.285 p = 0.205	0.942 t = 2.367 p = 0.023**
Observations	52	49
R ²	0.053	0.115
Adjusted R ²	0.015	0.077
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01	

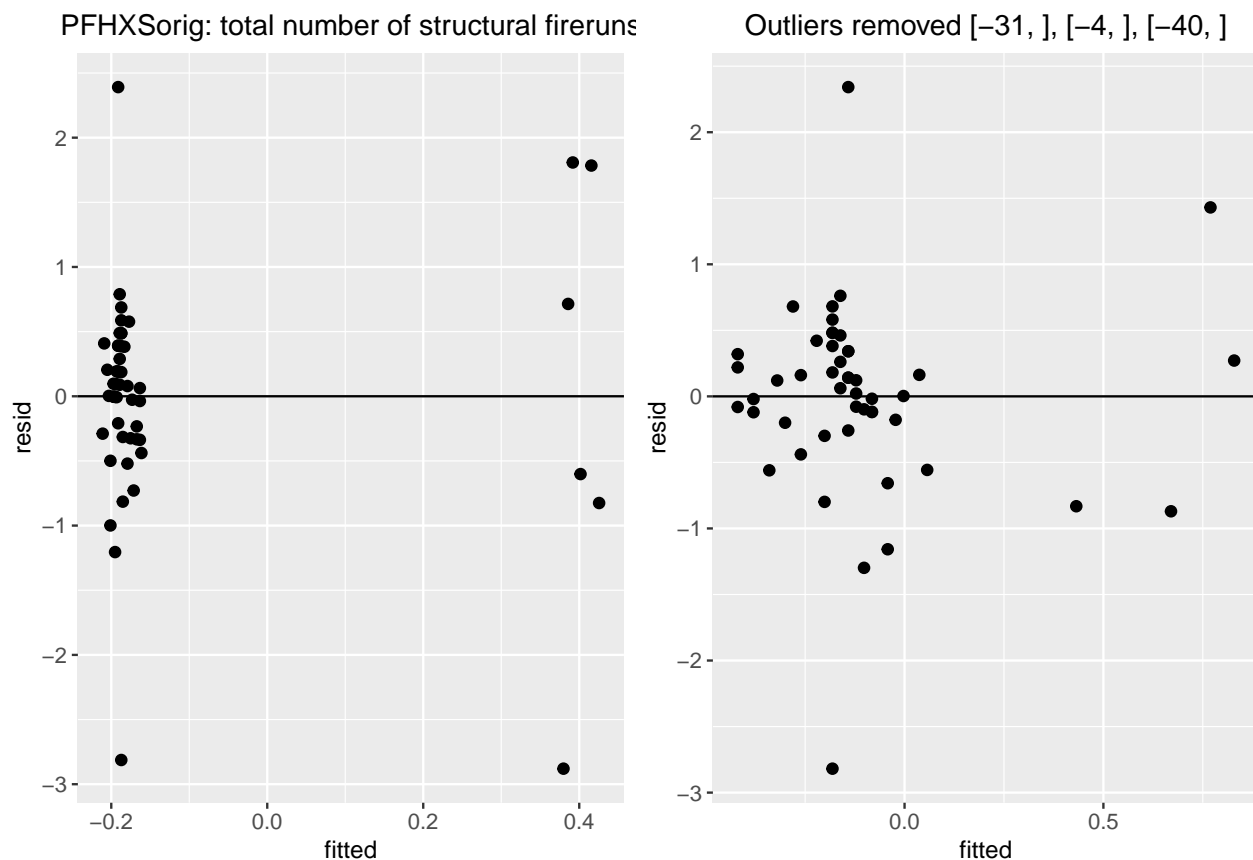


Table 16: PFHXS: total number of structural fireruns - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	PFHXSorig	
	(1)	(2)
Constant	-0.219 t = -0.646 p = 0.522	0.136 t = 0.448 p = 0.656
str.num.fireruns	0.002 t = 0.102 p = 0.919	-0.020 t = -1.110 p = 0.273
EthnicityHispanic	0.573 t = 1.403 p = 0.167	1.010 t = 2.436 p = 0.019**
Observations	52	49
R ²	0.046	0.116
Adjusted R ²	0.007	0.077

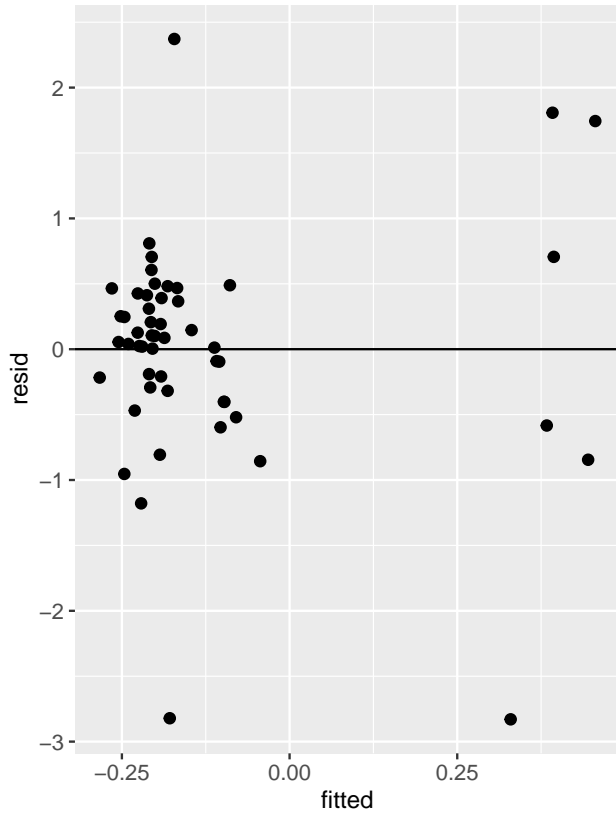
Note: *p<0.1; **p<0.05; ***p<0.01



Table 17: PFHXS: total duration of fireruns (hours) - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	PFHXSorig	
	(1)	(2)
Constant	-0.442 t = -1.095 p = 0.279	-0.440 t = -1.048 p = 0.301
total.duration.hrs	0.010 t = 0.667 p = 0.508	0.010 t = 0.625 p = 0.535
EthnicityHispanic	0.490 t = 1.196 p = 0.238	0.491 t = 1.170 p = 0.248
Observations	52	51
R ²	0.054	0.054
Adjusted R ²	0.015	0.014
<i>Note:</i> *p<0.1; **p<0.05; ***p<0.01		

PFHXSorig: total duration of structural fireruns (hc



Outliers removed [-31,]

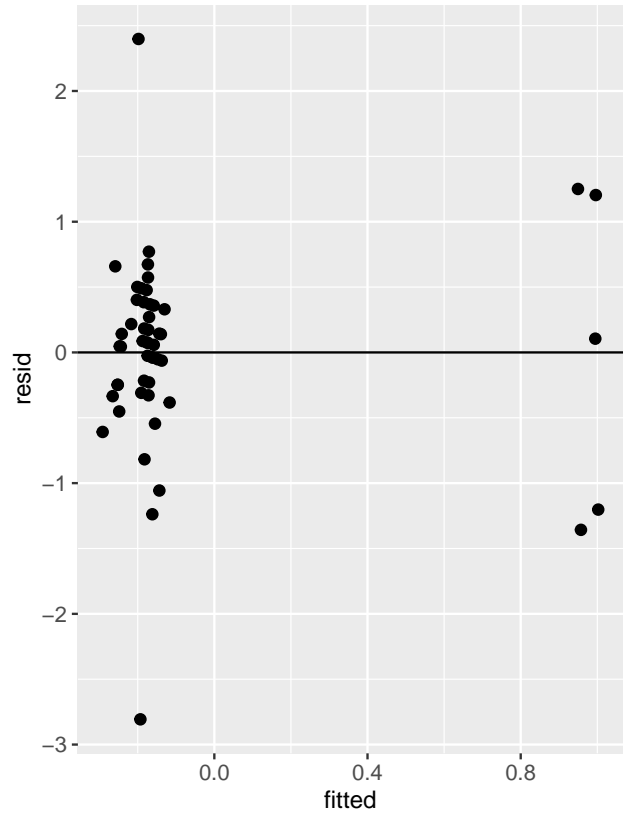


Table 18: PFHXS: total duration of structural fireruns (hours) - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	PFHXSorig	
	(1)	(2)
Constant	-0.305 t = -1.001 p = 0.322	-0.101 t = -0.373 p = 0.711
str.duration.hrs	0.009 t = 0.429 p = 0.670	-0.007 t = -0.354 p = 0.726
EthnicityHispanic	0.515 t = 1.230 p = 0.225	1.230 t = 3.052 p = 0.004***
Observations	52	51
R ²	0.049	0.180
Adjusted R ²	0.010	0.146
<i>Note:</i> *p<0.1; **p<0.05; ***p<0.01		

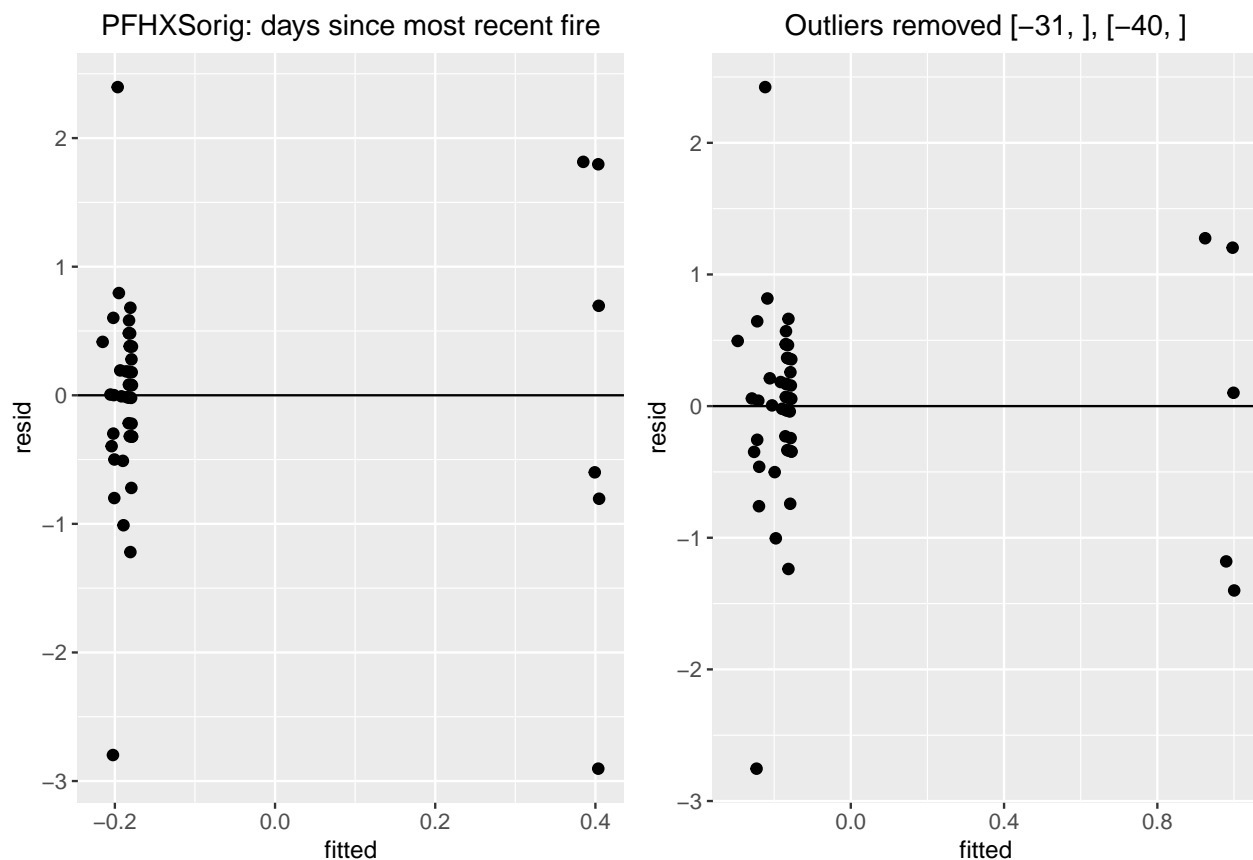


Table 19: PFHXS: days since most recent fire - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	PFHXSorig	
	(1)	(2)
Constant	-0.178 t = -1.026 p = 0.310	-0.154 t = -1.022 p = 0.313
days.since.MRF	-0.0002 t = -0.075 p = 0.941	-0.001 t = -0.331 p = 0.743
EthnicityHispanic	0.585 t = 1.520 p = 0.135	1.164 t = 3.216 p = 0.003***
Observations	52	51
R ²	0.045	0.180
Adjusted R ²	0.007	0.146
<i>Note:</i>	* p<0.1; ** p<0.05; *** p<0.01	

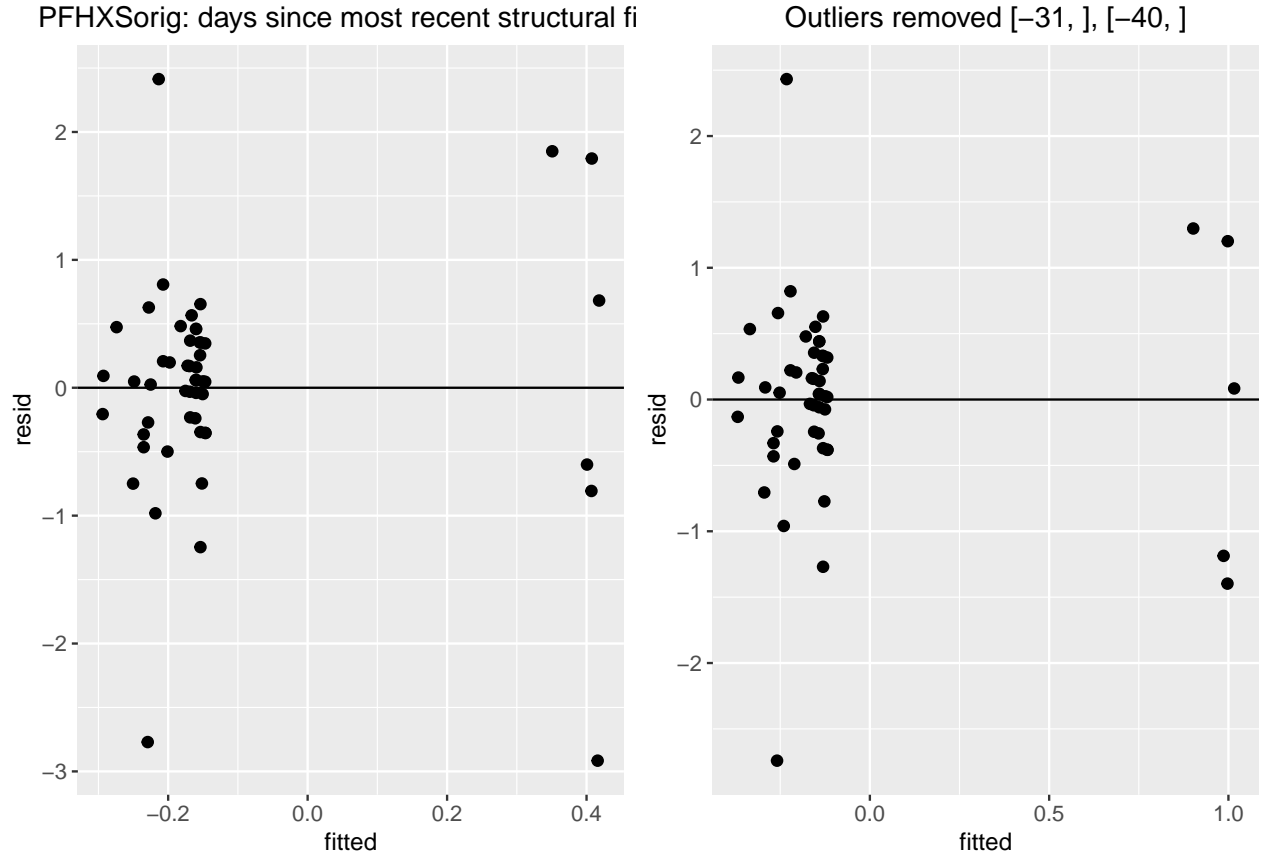


Table 20: PFHXS: days since most recent structural fire - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	PFHXSorig	
	(1)	(2)
Constant	-0.146 t = -0.796 p = 0.430	-0.117 t = -0.738 p = 0.464
days.since.struc.MRF	-0.001 t = -0.320 p = 0.751	-0.001 t = -0.627 p = 0.534
EthnicityHispanic	0.574 t = 1.485 p = 0.144	1.150 t = 3.180 p = 0.003***
Observations	52	51
R ²	0.047	0.185
Adjusted R ²	0.008	0.151
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01	

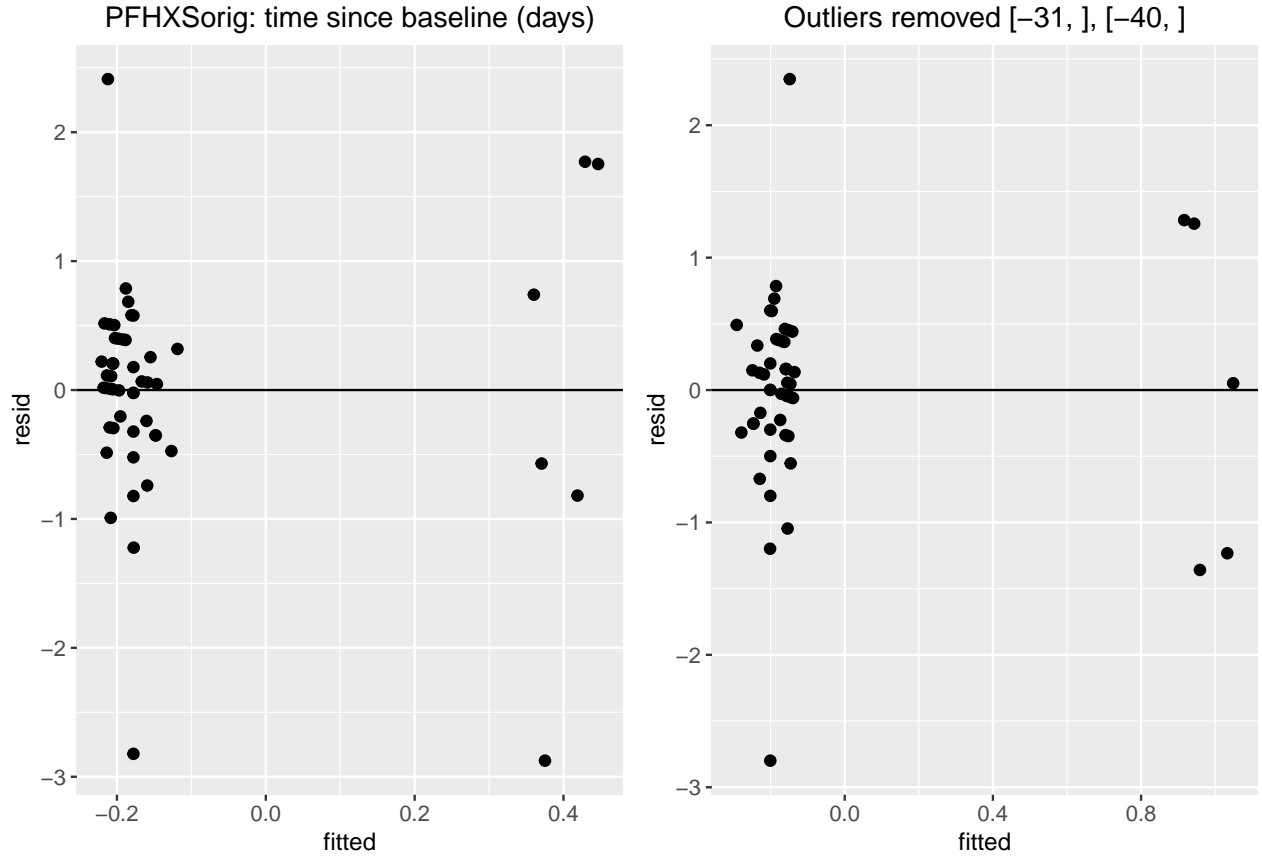


Table 21: PFHXS: time since baseline (days) - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	PFHXSorig	
	(1)	(2)
Constant	-0.344 t = -0.454 p = 0.652	0.053 t = 0.080 p = 0.937
time.since.baseline	0.0002 t = 0.210 p = 0.835	-0.0003 t = -0.367 p = 0.716
EthnicityHispanic	0.573 t = 1.470 p = 0.148	1.195 t = 3.233 p = 0.003***
Observations	52	51
R ²	0.046	0.180
Adjusted R ²	0.007	0.146
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01	

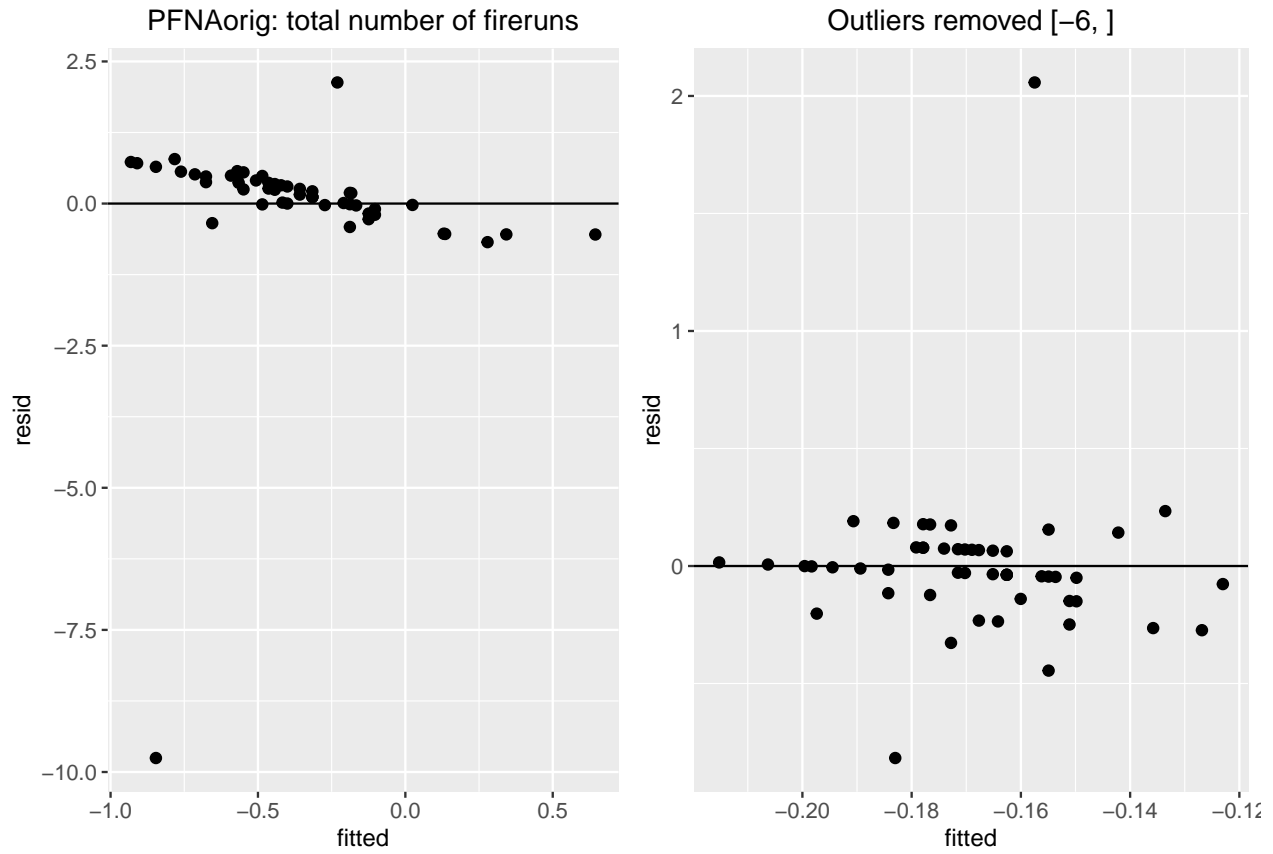


Table 22: PFNA: total number of fireruns - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	PFNAorig	
	(1)	(2)
Constant	-1.398 t = -1.998 p = 0.052*	-0.228 t = -1.325 p = 0.192
total.num.fireruns	0.021 t = 1.512 p = 0.138	0.001 t = 0.373 p = 0.711
EthnicityHispanic	-0.080 t = -0.119 p = 0.906	-0.034 t = -0.209 p = 0.836
Observations	52	51
R ²	0.047	0.003
Adjusted R ²	0.008	-0.038
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01	

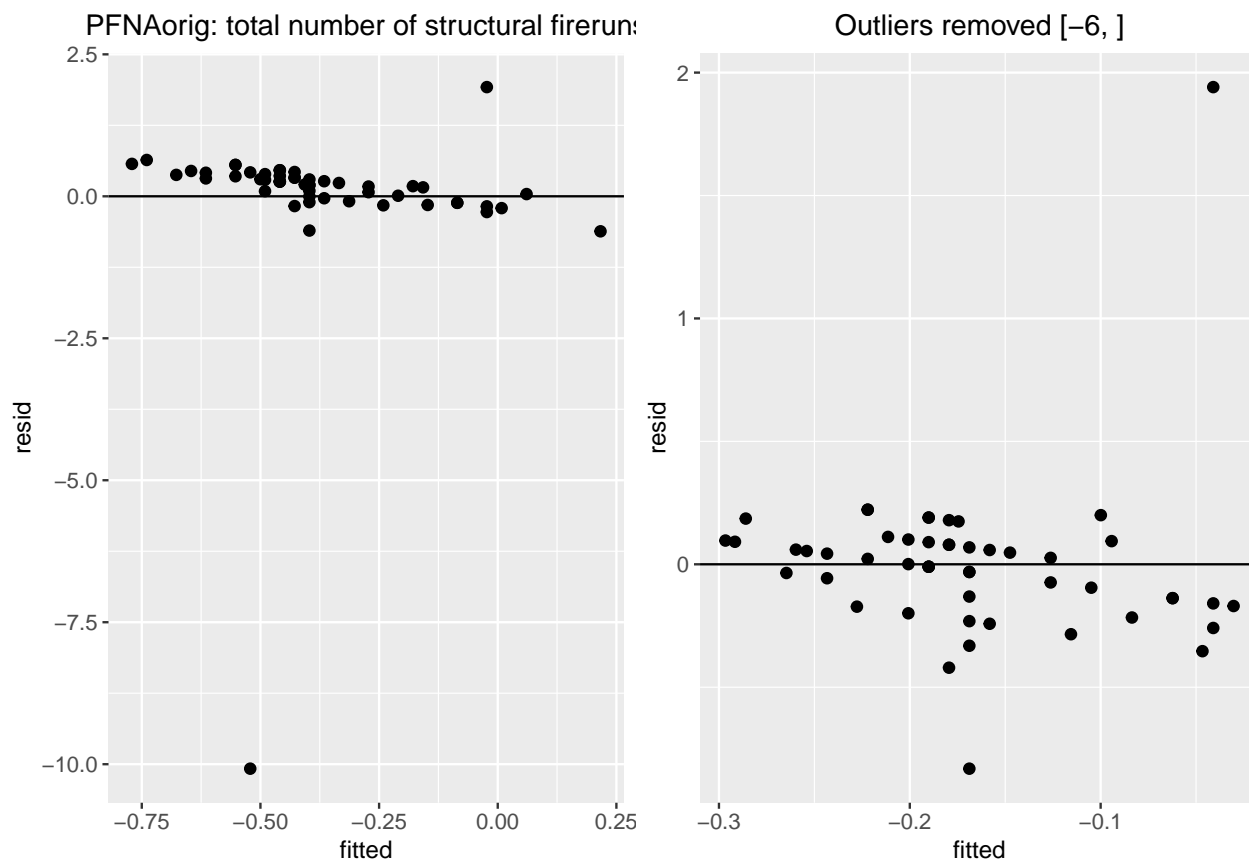


Table 23: PFNA: total number of structural fireruns - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	PFNAorig	
	(1)	(2)
Constant	-0.895 t = -1.558 p = 0.126	-0.339 t = -2.531 p = 0.015**
str.num.fireruns	0.031 t = 0.947 p = 0.349	0.011 t = 1.395 p = 0.170
EthnicityHispanic	-0.010 t = -0.014 p = 0.989	-0.091 t = -0.568 p = 0.573
Observations	52	51
R ²	0.020	0.039
Adjusted R ²	-0.020	-0.001
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01	



Table 24: PFNA: total fireruns duration (hours) - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	PFNAorig	
	(1)	(2)
Constant	-1.406 t = -2.080 p = 0.043**	-0.202 t = -1.211 p = 0.233
total.duration.hrs	0.039 t = 1.583 p = 0.120	0.001 t = 0.225 p = 0.824
EthnicityHispanic	-0.176 t = -0.257 p = 0.799	-0.030 t = -0.181 p = 0.858
Observations	52	51
R ²	0.051	0.001
Adjusted R ²	0.012	-0.040
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01	

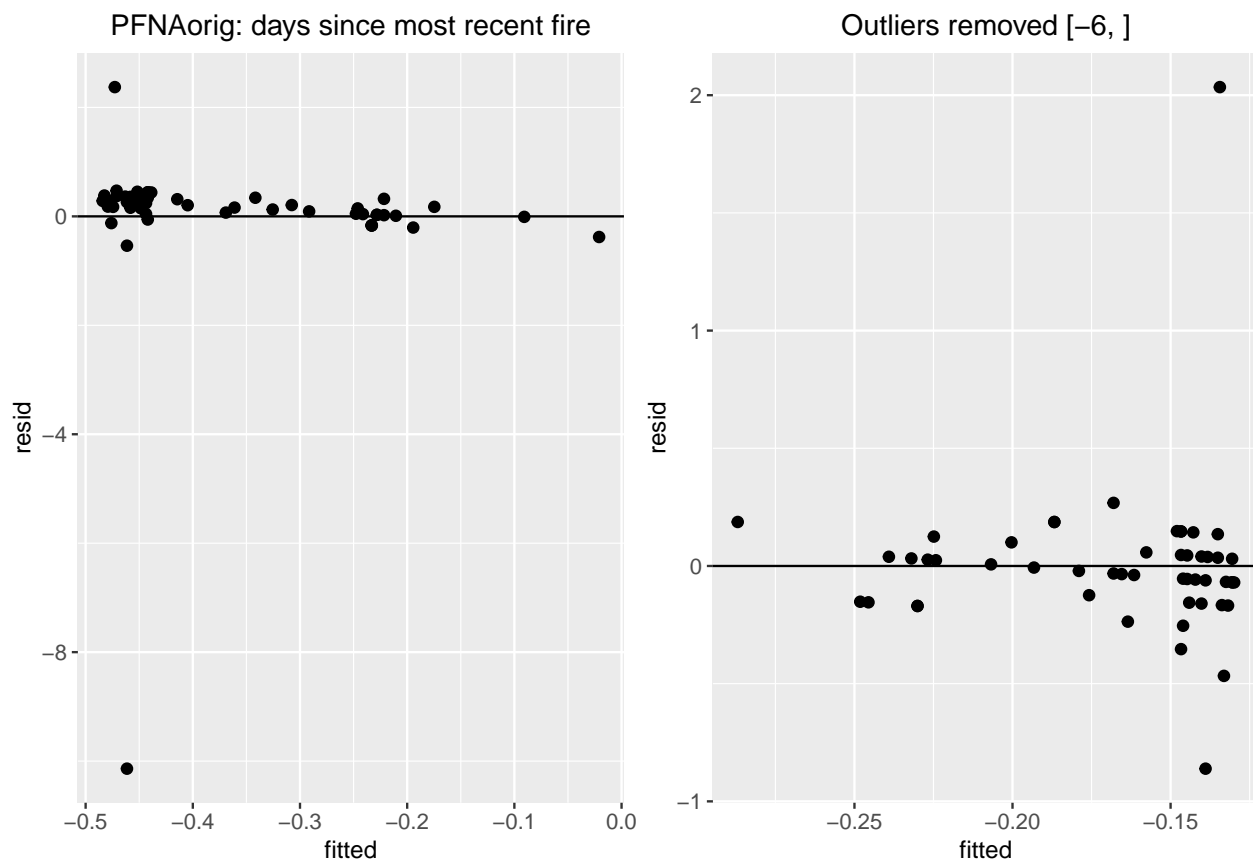


Table 25: PFNA: days since most recent fire - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	PFNAorig	
	(1)	(2)
Constant	-0.486 t = -1.638 p = 0.108	-0.129 t = -1.846 p = 0.072*
days.since.MRF	0.002 t = 0.471 p = 0.640	-0.001 t = -0.806 p = 0.425
EthnicityHispanic	0.227 t = 0.345 p = 0.732	-0.024 t = -0.156 p = 0.877
Observations	52	51
R ²	0.007	0.014
Adjusted R ²	-0.034	-0.028
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01	

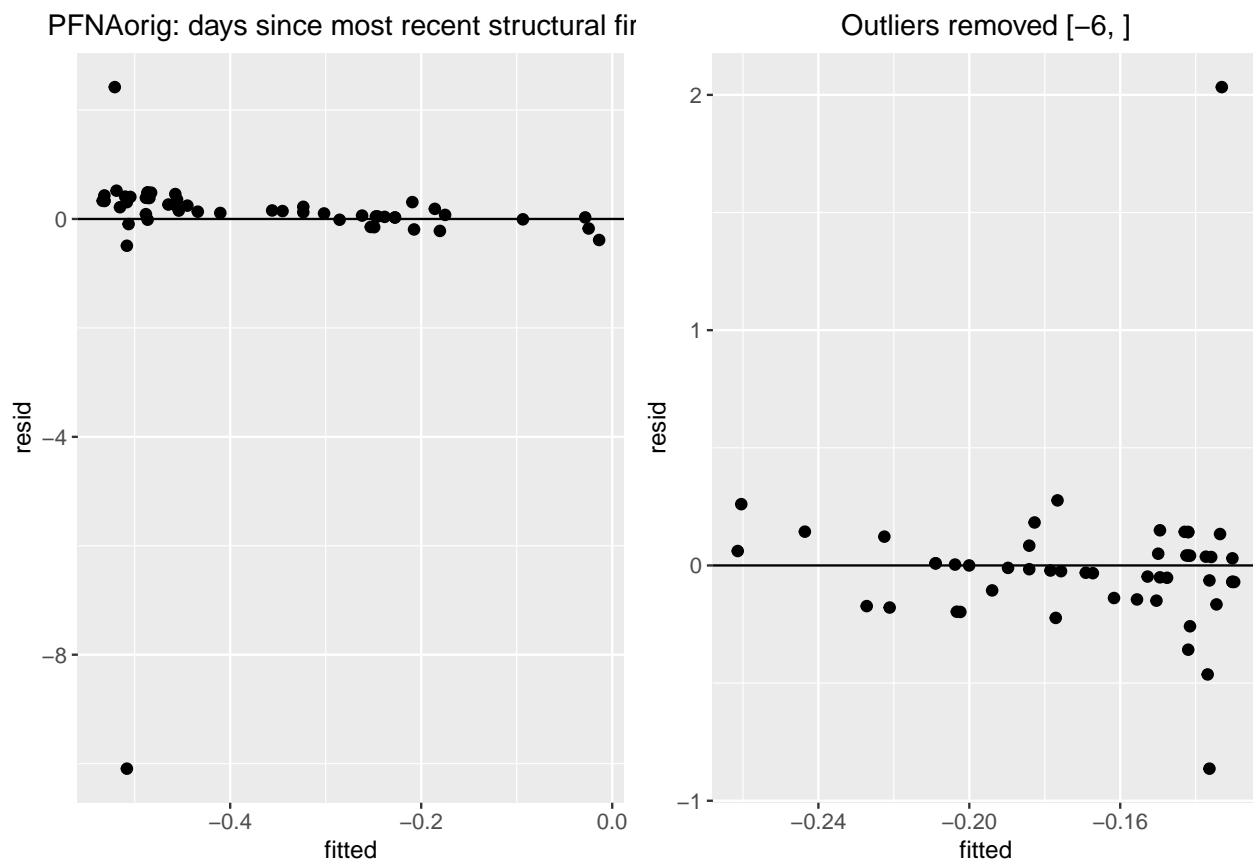


Table 26: PFNA: days since most recent structural fire - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	PFNAorig	
	(1)	(2)
Constant	-0.535 t = -1.714 p = 0.093*	-0.129 t = -1.744 p = 0.088*
days.since.struc.MRF	0.002 t = 0.647 p = 0.521	-0.0005 t = -0.712 p = 0.480
EthnicityHispanic	0.255 t = 0.388 p = 0.700	-0.029 t = -0.189 p = 0.852
Observations	52	51
R ²	0.011	0.011
Adjusted R ²	-0.030	-0.031
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01	

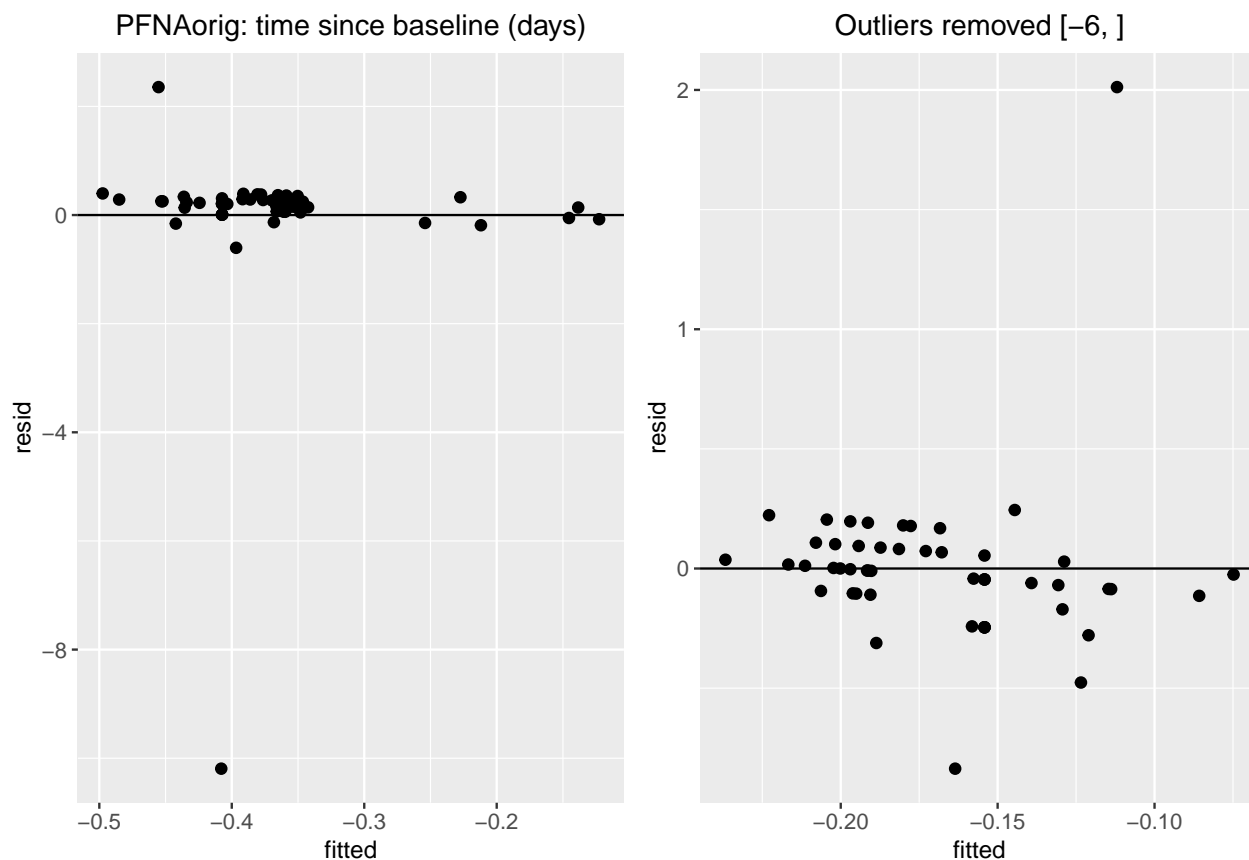


Table 27: PFNA: time since baseline (days) - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	PFNAorig	
	(1)	(2)
Constant	-0.155 t = -0.120 p = 0.906	-0.377 t = -1.251 p = 0.217
time.since.baseline	-0.0003 t = -0.187 p = 0.853	0.0003 t = 0.708 p = 0.483
EthnicityHispanic	0.231 t = 0.346 p = 0.731	-0.035 t = -0.227 p = 0.822
Observations	52	51
R ²	0.003	0.011
Adjusted R ²	-0.038	-0.031
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01	

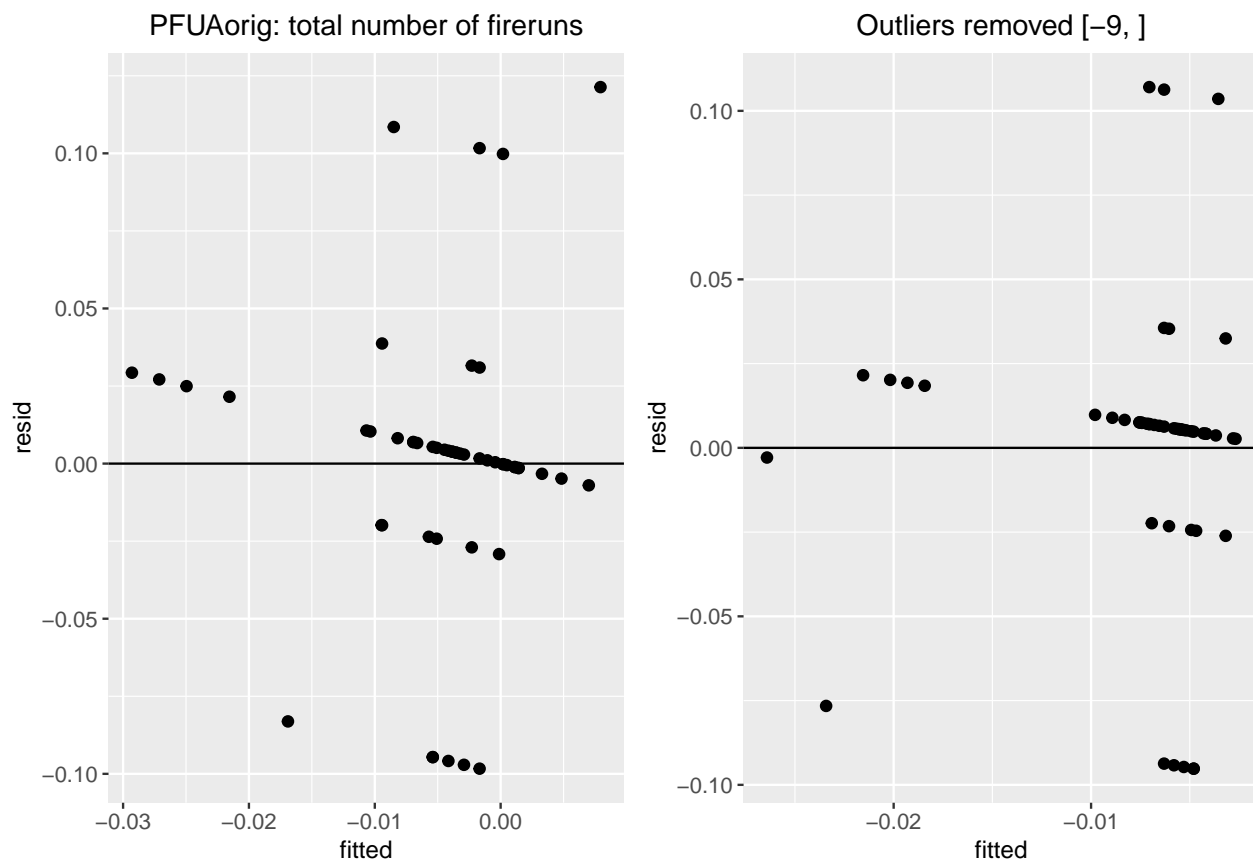


Table 28: PFUA: total number of fireruns - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	PFUAorig	
	(1)	(2)
Constant	-0.017 t = -0.780 p = 0.440	0.0001 t = 0.003 p = 0.998
total.num.fireruns	0.0003 t = 0.689 p = 0.494	-0.0001 t = -0.282 p = 0.780
EthnicityHispanic	-0.023 t = -1.069 p = 0.291	-0.014 t = -0.693 p = 0.492
Observations	52	51
R ²	0.026	0.016
Adjusted R ²	-0.014	-0.025
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01	

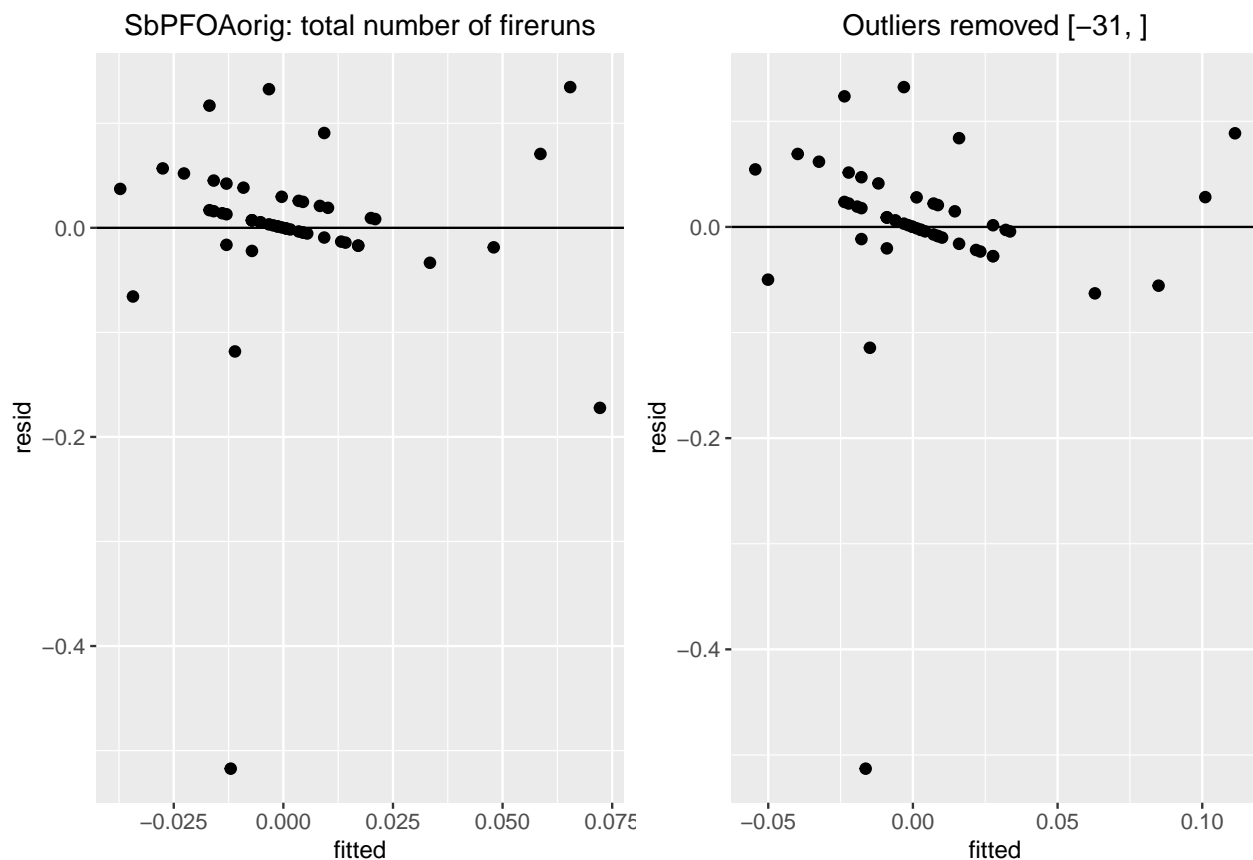


Table 29: SbPFOA: total number of fireruns - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	SbPFOAorig	
	(1)	(2)
Constant	0.042 t = 0.993 p = 0.326	0.066 t = 1.559 p = 0.126
total.num.fireruns	-0.001 t = -1.134 p = 0.263	-0.001 t = -1.725 p = 0.091*
EthnicityHispanic	0.065 t = 1.587 p = 0.119	0.109 t = 2.481 p = 0.017**
Observations	52	51
R ²	0.058	0.126
Adjusted R ²	0.020	0.090
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01	

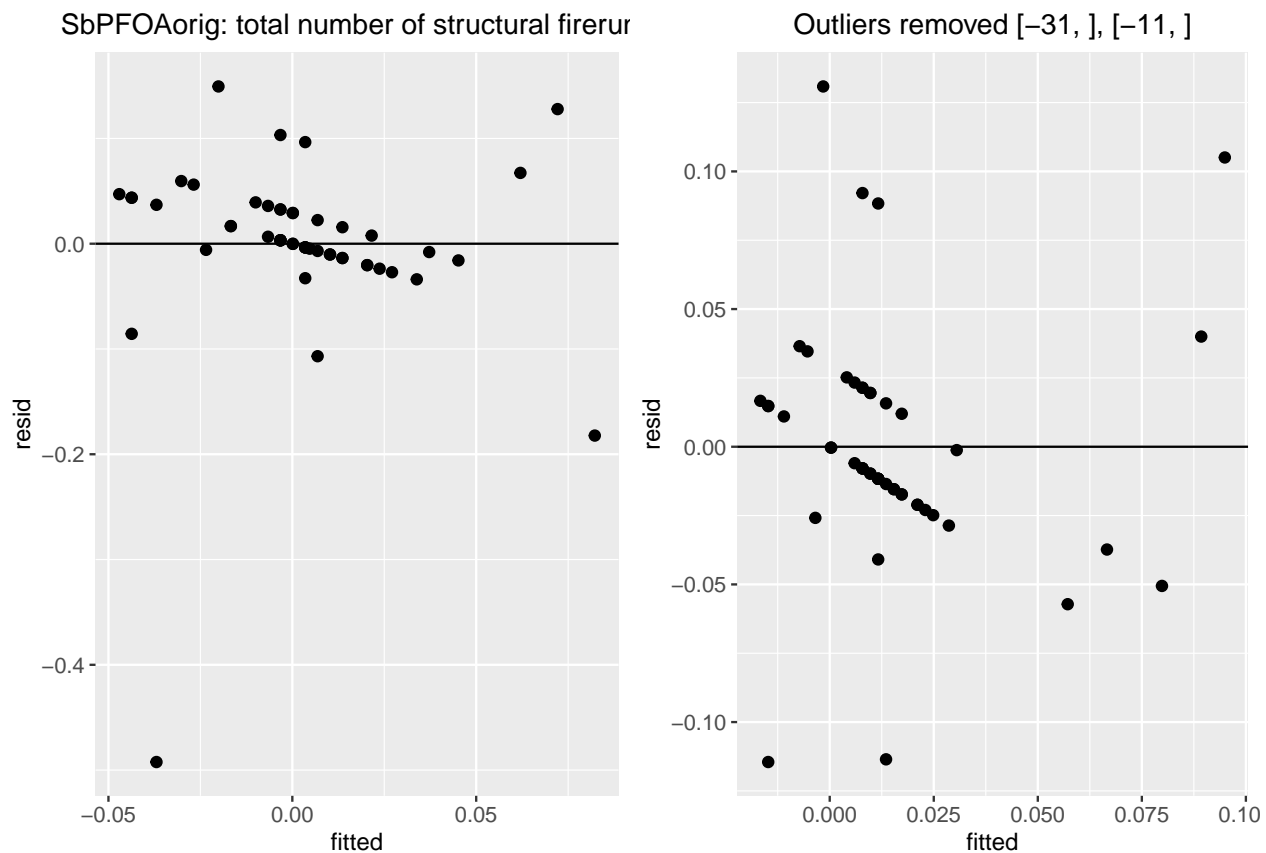


Table 30: SbPFOA: total number of structural fireruns - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	SbPFOAorig	
	(1)	(2)
Constant	0.051 t = 1.495 p = 0.142	0.038 t = 2.148 p = 0.037**
str.num.fireruns	-0.003 t = -1.735 p = 0.090*	-0.002 t = -1.825 p = 0.075*
EthnicityHispanic	0.075 t = 1.845 p = 0.072*	0.087 t = 3.767 p = 0.0005***
Observations	52	50
R ²	0.089	0.233
Adjusted R ²	0.052	0.200
<i>Note:</i> *p<0.1; **p<0.05; ***p<0.01		

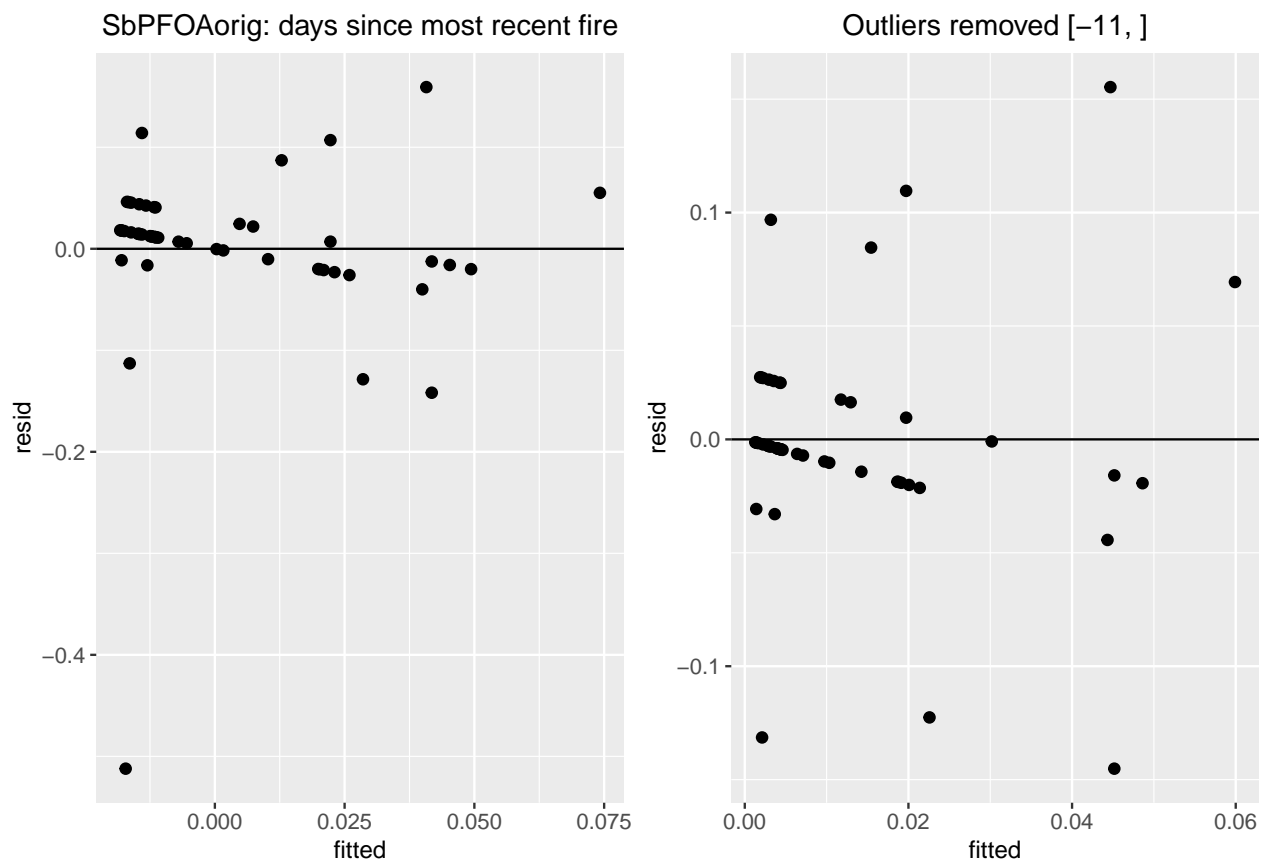


Table 31: SbPFOA: days since most recent fire - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	SbPFOAorig	
	(1)	(2)
Constant	-0.018 t = -1.049 p = 0.300	0.001 t = 0.115 p = 0.909
days.since.MRF	0.0003 t = 1.281 p = 0.207	0.0001 t = 1.025 p = 0.311
EthnicityHispanic	0.054 t = 1.390 p = 0.171	0.041 t = 1.868 p = 0.068*
Observations	52	51
R ²	0.065	0.083
Adjusted R ²	0.027	0.044
Note:	*p<0.1; **p<0.05; ***p<0.01	



Table 32: SbPFOA: days since most recent structural fire - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	SbPFOAorig	
	(1)	(2)
Constant	-0.017 t = -0.916 p = 0.365	-0.0005 t = -0.043 p = 0.966
days.since.struc.MRF	0.0002 t = 1.031 p = 0.308	0.0001 t = 1.148 p = 0.257
EthnicityHispanic	0.056 t = 1.417 p = 0.163	0.043 t = 1.929 p = 0.060*
Observations	52	51
R ²	0.054	0.088
Adjusted R ²	0.015	0.050
<i>Note:</i>	* p<0.1; ** p<0.05; *** p<0.01	

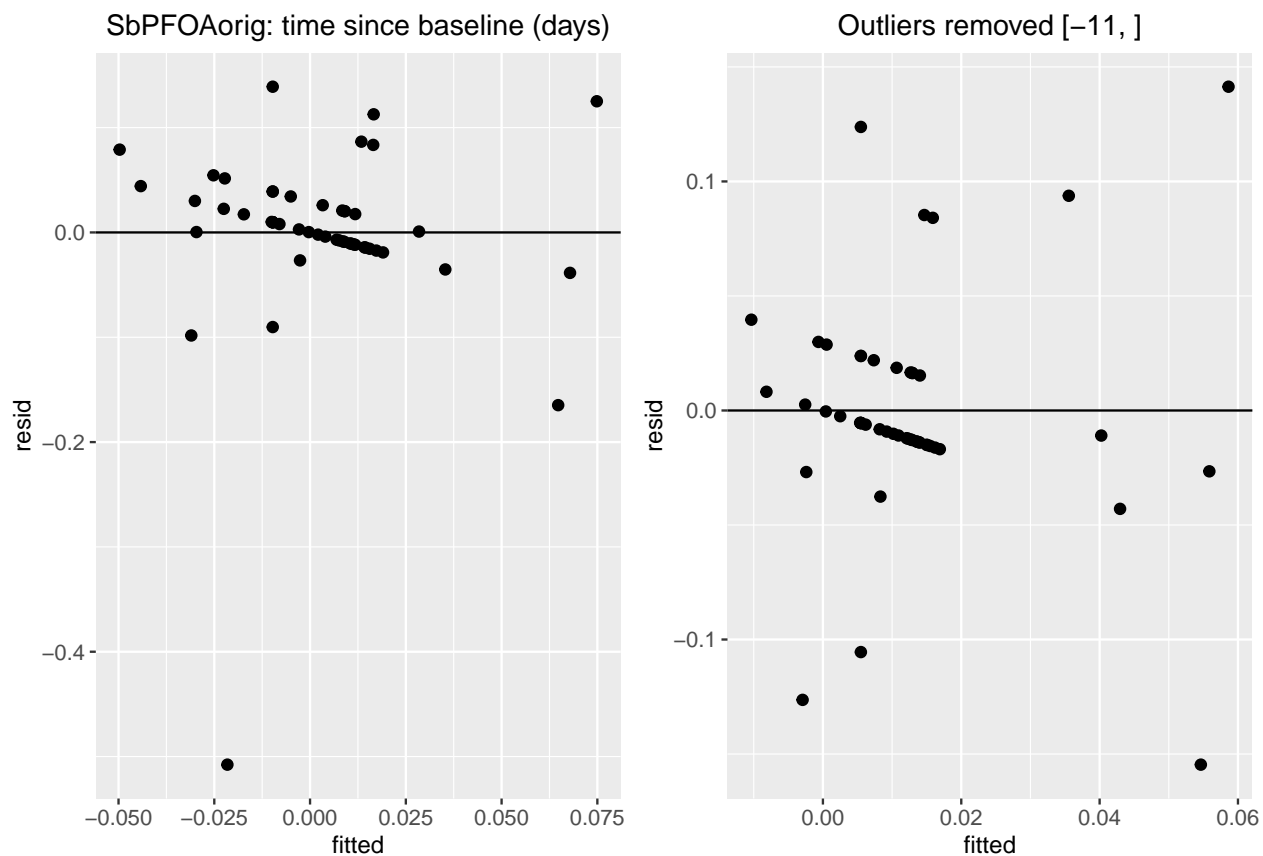


Table 33: SbPFOA: time since baseline (days) - Change Score Models - 1) original and 2) outliers removed

	<i>Dependent variable:</i>	
	SbPFOAorig	
	(1)	(2)
Constant	0.102 t = 1.335 p = 0.189	0.050 t = 1.140 p = 0.260
time.since.baseline	-0.0001 t = -1.403 p = 0.167	-0.0001 t = -0.970 p = 0.337
EthnicityHispanic	0.061 t = 1.542 p = 0.130	0.044 t = 1.949 p = 0.058*
Observations	52	51
R ²	0.071	0.081
Adjusted R ²	0.033	0.042
Note:	*p<0.1; **p<0.05; ***p<0.01	