

Calibration Report for C_HE432

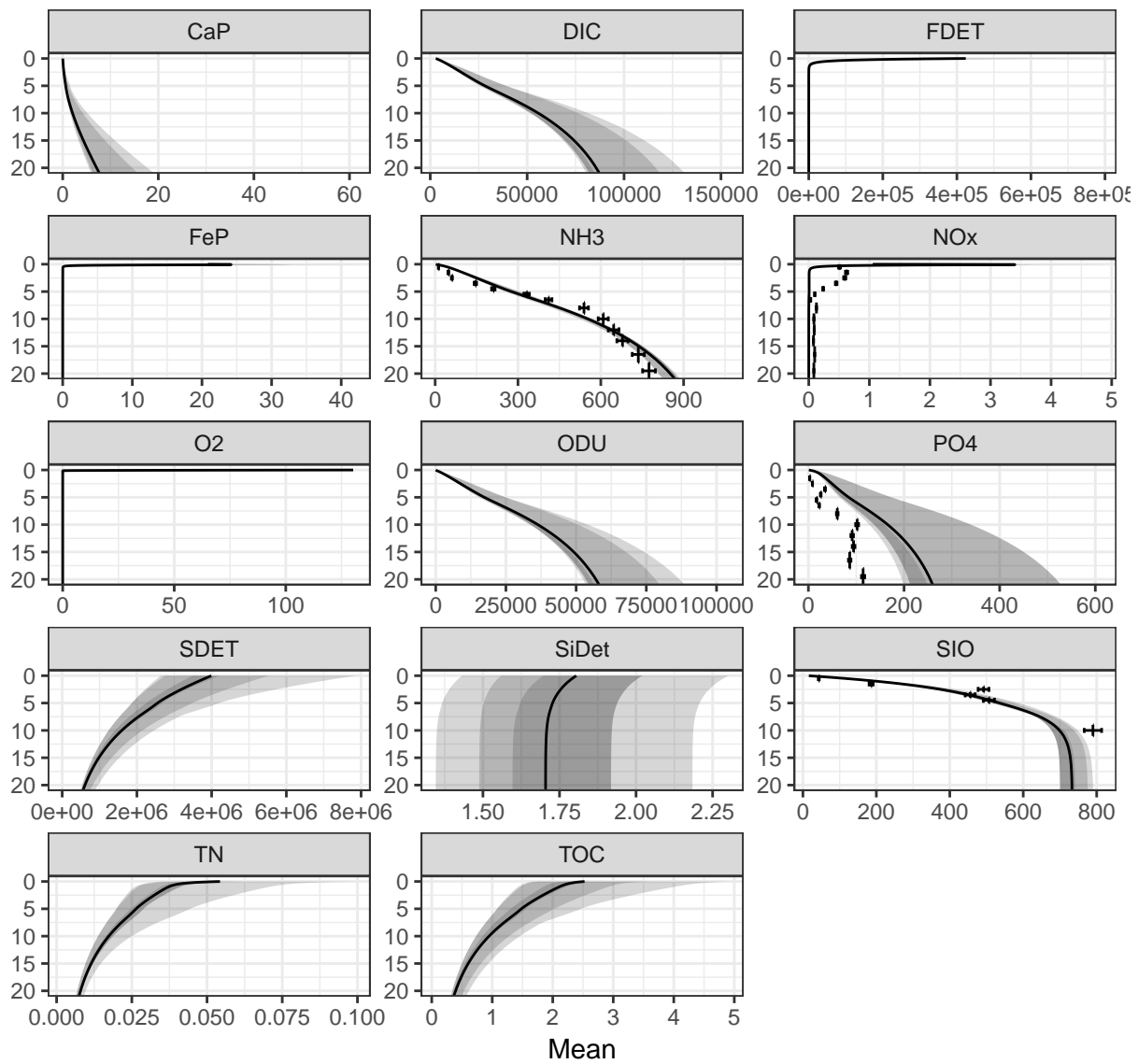
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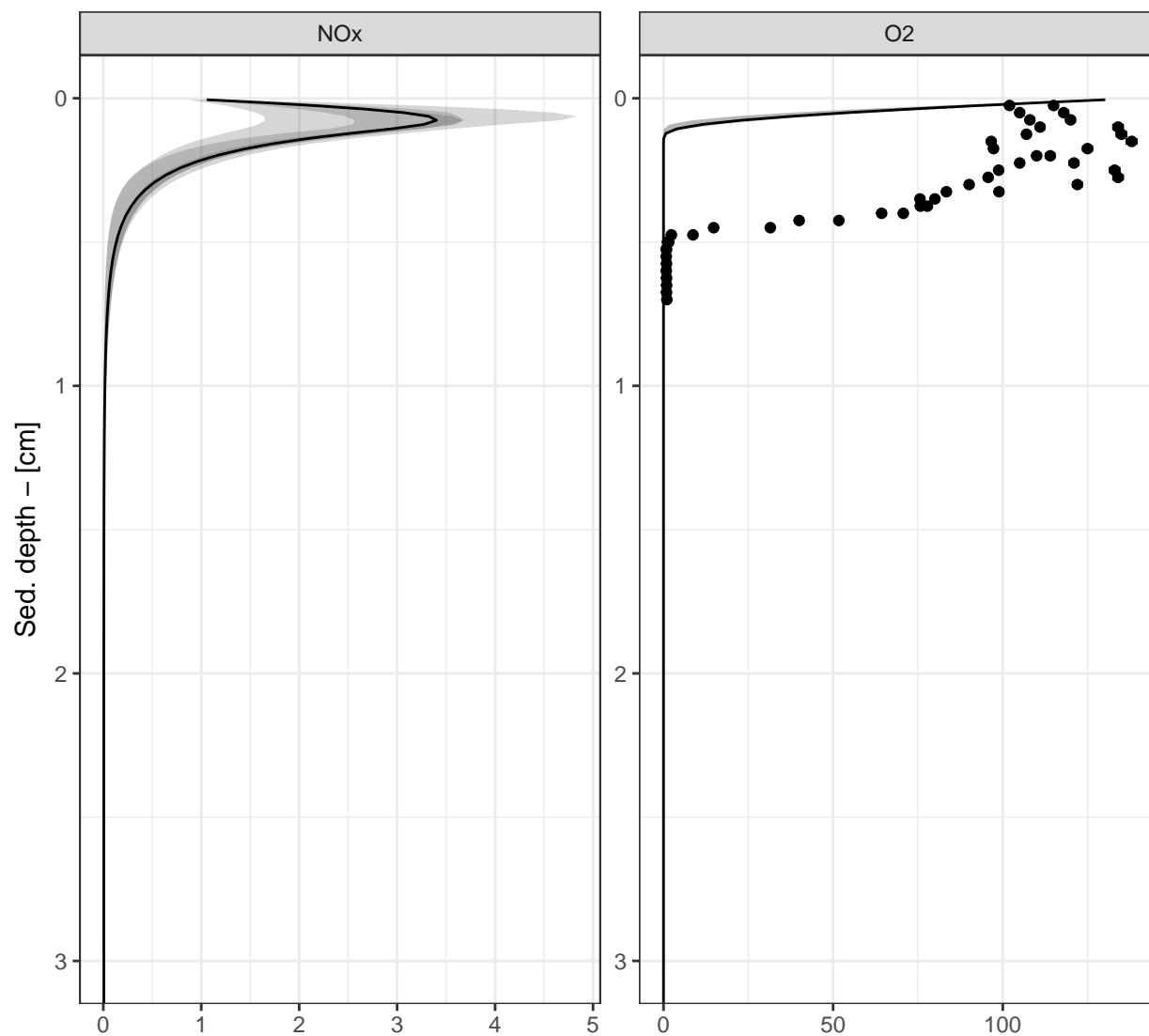
MCMC

Profiles

\$pProfs



\$pMicro



Fluxes

Fluxes at the sediment-water interface (positive upwards). Available observations are indicate as ranges on the plots.

[illegible]

[illegible]

##	variable	value
## 1	DICflux	30.07444698
## 2	DICflux	30.07444698
## 3	DICflux	32.75828625
## 4	DICflux	38.01435320
## 5	DICflux	54.34736946
## 6	DICflux	53.74270510
## 7	DICflux	40.66613229
## 8	DICflux	52.04196964
## 9	DICflux	38.01435320
## 10	DICflux	38.01435320
## 11	DICflux	32.75828625
## 12	DICflux	38.01435320
## 13	DICflux	40.66613229
## 14	DICflux	33.40891923

## 15	DICflux	33.40891923
## 16	DICflux	32.75828625
## 17	DICflux	32.75828625
## 18	DICflux	52.04196964
## 19	DICflux	38.01435320
## 20	DICflux	52.04196964
## 21	DICflux	34.69314215
## 22	DICflux	38.01435320
## 23	DICflux	38.01435320
## 24	DICflux	32.75828625
## 25	DICflux	52.04196964
## 26	DICflux	38.01435320
## 27	DICflux	52.04196964
## 28	DICflux	32.75828625
## 29	DICflux	29.38657751
## 30	DICflux	35.89518930
## 31	DICflux	34.69314215
## 32	DICflux	38.01435320
## 33	DICflux	34.69314215
## 34	DICflux	38.01435320
## 35	DICflux	33.40891923
## 36	DICflux	38.01435320
## 37	DICflux	52.04196964
## 38	DICflux	38.01435320
## 39	DICflux	33.40891923
## 40	DICflux	38.01435320
## 41	DICflux	29.38657751
## 42	DICflux	38.01435320
## 43	DICflux	32.75828625
## 44	DICflux	29.38657751
## 45	DICflux	38.01435320
## 46	DICflux	29.38657751
## 47	DICflux	38.01435320
## 48	DICflux	34.69314215
## 49	DICflux	38.01435320
## 50	DICflux	52.04196964
## 51	DICflux	32.75828625
## 52	DICflux	37.59999211
## 53	DICflux	38.01435320
## 54	DICflux	38.01435320
## 55	DICflux	38.01435320
## 56	DICflux	33.40891923
## 57	DICflux	32.75828625
## 58	DICflux	40.66613229
## 59	DICflux	38.01435320
## 60	DICflux	38.01435320
## 61	DICflux	32.75828625
## 62	DICflux	38.01435320
## 63	DICflux	34.69314215
## 64	DICflux	38.01435320
## 65	DICflux	38.01435320
## 66	DICflux	40.66613229
## 67	DICflux	38.01435320
## 68	DICflux	38.01435320

## 69	DICflux	33.40891923
## 70	DICflux	36.66459717
## 71	DICflux	33.40891923
## 72	DICflux	34.69314215
## 73	DICflux	38.01435320
## 74	DICflux	32.75828625
## 75	DICflux	40.66613229
## 76	DICflux	38.01435320
## 77	DICflux	40.66613229
## 78	DICflux	32.75828625
## 79	DICflux	29.38657751
## 80	DICflux	29.38657751
## 81	DICflux	32.75828625
## 82	DICflux	32.75828625
## 83	DICflux	38.01435320
## 84	DICflux	32.75828625
## 85	DICflux	32.75828625
## 86	DICflux	38.01435320
## 87	DICflux	52.04196964
## 88	DICflux	32.75828625
## 89	DICflux	32.75828625
## 90	DICflux	32.75828625
## 91	DICflux	52.04196964
## 92	DICflux	32.75828625
## 93	DICflux	38.01435320
## 94	DICflux	29.38657751
## 95	DICflux	32.75828625
## 96	DICflux	38.01435320
## 97	DICflux	38.01435320
## 98	DICflux	38.01435320
## 99	DICflux	32.75828625
## 100	DICflux	38.01435320
## 101	O2flux	-9.99377738
## 102	O2flux	-9.99377738
## 103	O2flux	-9.94194177
## 104	O2flux	-10.03961308
## 105	O2flux	-12.69743352
## 106	O2flux	-12.33932553
## 107	O2flux	-10.99724788
## 108	O2flux	-12.94277765
## 109	O2flux	-10.03961308
## 110	O2flux	-10.03961308
## 111	O2flux	-9.94194177
## 112	O2flux	-10.03961308
## 113	O2flux	-10.99724788
## 114	O2flux	-9.79892155
## 115	O2flux	-9.79892155
## 116	O2flux	-9.94194177
## 117	O2flux	-9.94194177
## 118	O2flux	-12.94277765
## 119	O2flux	-10.03961308
## 120	O2flux	-12.94277765
## 121	O2flux	-10.20522721
## 122	O2flux	-10.03961308

## 123	02flux	-10.03961308
## 124	02flux	-9.94194177
## 125	02flux	-12.94277765
## 126	02flux	-10.03961308
## 127	02flux	-12.94277765
## 128	02flux	-9.94194177
## 129	02flux	-9.73633624
## 130	02flux	-10.74306301
## 131	02flux	-10.20522721
## 132	02flux	-10.03961308
## 133	02flux	-10.20522721
## 134	02flux	-10.03961308
## 135	02flux	-9.79892155
## 136	02flux	-10.03961308
## 137	02flux	-12.94277765
## 138	02flux	-10.03961308
## 139	02flux	-9.79892155
## 140	02flux	-10.03961308
## 141	02flux	-9.73633624
## 142	02flux	-10.03961308
## 143	02flux	-9.94194177
## 144	02flux	-9.73633624
## 145	02flux	-10.03961308
## 146	02flux	-9.73633624
## 147	02flux	-10.03961308
## 148	02flux	-10.20522721
## 149	02flux	-10.03961308
## 150	02flux	-12.94277765
## 151	02flux	-9.94194177
## 152	02flux	-10.53303536
## 153	02flux	-10.03961308
## 154	02flux	-10.03961308
## 155	02flux	-10.03961308
## 156	02flux	-9.79892155
## 157	02flux	-9.94194177
## 158	02flux	-10.99724788
## 159	02flux	-10.03961308
## 160	02flux	-10.03961308
## 161	02flux	-9.94194177
## 162	02flux	-10.03961308
## 163	02flux	-10.20522721
## 164	02flux	-10.03961308
## 165	02flux	-10.03961308
## 166	02flux	-10.99724788
## 167	02flux	-10.03961308
## 168	02flux	-10.03961308
## 169	02flux	-9.79892155
## 170	02flux	-10.29310502
## 171	02flux	-9.79892155
## 172	02flux	-10.20522721
## 173	02flux	-10.03961308
## 174	02flux	-9.94194177
## 175	02flux	-10.99724788
## 176	02flux	-10.03961308

## 177	O2flux	-10.99724788
## 178	O2flux	-9.94194177
## 179	O2flux	-9.73633624
## 180	O2flux	-9.73633624
## 181	O2flux	-9.94194177
## 182	O2flux	-9.94194177
## 183	O2flux	-10.03961308
## 184	O2flux	-9.94194177
## 185	O2flux	-9.94194177
## 186	O2flux	-10.03961308
## 187	O2flux	-12.94277765
## 188	O2flux	-9.94194177
## 189	O2flux	-9.94194177
## 190	O2flux	-9.94194177
## 191	O2flux	-12.94277765
## 192	O2flux	-9.94194177
## 193	O2flux	-10.03961308
## 194	O2flux	-9.73633624
## 195	O2flux	-9.94194177
## 196	O2flux	-10.03961308
## 197	O2flux	-10.03961308
## 198	O2flux	-10.03961308
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## 200	O2flux	-10.03961308
## 201	NOxflux	0.21890734
## 202	NOxflux	0.21890734
## 203	NOxflux	0.24310817
## 204	NOxflux	0.27613271
## 205	NOxflux	0.47932380
## 206	NOxflux	0.35219341
## 207	NOxflux	0.28531585
## 208	NOxflux	0.35076175
## 209	NOxflux	0.27613271
## 210	NOxflux	0.27613271
## 211	NOxflux	0.24310817
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## 214	NOxflux	0.08976852
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## 218	NOxflux	0.35076175
## 219	NOxflux	0.27613271
## 220	NOxflux	0.35076175
## 221	NOxflux	0.27089739
## 222	NOxflux	0.27613271
## 223	NOxflux	0.27613271
## 224	NOxflux	0.24310817
## 225	NOxflux	0.35076175
## 226	NOxflux	0.27613271
## 227	NOxflux	0.35076175
## 228	NOxflux	0.24310817
## 229	NOxflux	0.17482353
## 230	NOxflux	0.20436383

## 231	NOxflux	0.27089739
## 232	NOxflux	0.27613271
## 233	NOxflux	0.27089739
## 234	NOxflux	0.27613271
## 235	NOxflux	0.08976852
## 236	NOxflux	0.27613271
## 237	NOxflux	0.35076175
## 238	NOxflux	0.27613271
## 239	NOxflux	0.08976852
## 240	NOxflux	0.27613271
## 241	NOxflux	0.17482353
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## 243	NOxflux	0.24310817
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## 245	NOxflux	0.27613271
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## 248	NOxflux	0.27089739
## 249	NOxflux	0.27613271
## 250	NOxflux	0.35076175
## 251	NOxflux	0.24310817
## 252	NOxflux	0.31798552
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## 254	NOxflux	0.27613271
## 255	NOxflux	0.27613271
## 256	NOxflux	0.08976852
## 257	NOxflux	0.24310817
## 258	NOxflux	0.28531585
## 259	NOxflux	0.27613271
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## 261	NOxflux	0.24310817
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## 263	NOxflux	0.27089739
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## 274	NOxflux	0.24310817
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## 279	NOxflux	0.17482353
## 280	NOxflux	0.17482353
## 281	NOxflux	0.24310817
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## 285	NOxflux	0.24310817
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## 289	NOxflux	0.24310817
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## 300	NOxflux	0.27613271
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## 303	NH3flux	0.50544709
## 304	NH3flux	0.50586130
## 305	NH3flux	0.50400633
## 306	NH3flux	0.50083300
## 307	NH3flux	0.50980406
## 308	NH3flux	0.51445930
## 309	NH3flux	0.50586130
## 310	NH3flux	0.50586130
## 311	NH3flux	0.50544709
## 312	NH3flux	0.50586130
## 313	NH3flux	0.50980406
## 314	NH3flux	0.60579285
## 315	NH3flux	0.60579285
## 316	NH3flux	0.50544709
## 317	NH3flux	0.50544709
## 318	NH3flux	0.51445930
## 319	NH3flux	0.50586130
## 320	NH3flux	0.51445930
## 321	NH3flux	0.50874746
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## 324	NH3flux	0.50544709
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## 328	NH3flux	0.50544709
## 329	NH3flux	0.50920977
## 330	NH3flux	0.50185897
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## 333	NH3flux	0.50874746
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## 335	NH3flux	0.60579285
## 336	NH3flux	0.50586130
## 337	NH3flux	0.51445930
## 338	NH3flux	0.50586130

## 339	NH3flux	0.60579285
## 340	NH3flux	0.50586130
## 341	NH3flux	0.50920977
## 342	NH3flux	0.50586130
## 343	NH3flux	0.50544709
## 344	NH3flux	0.50920977
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## 348	NH3flux	0.50874746
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## 351	NH3flux	0.50544709
## 352	NH3flux	0.48971591
## 353	NH3flux	0.50586130
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## 364	NH3flux	0.50586130
## 365	NH3flux	0.50586130
## 366	NH3flux	0.50980406
## 367	NH3flux	0.50586130
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## 379	NH3flux	0.50920977
## 380	NH3flux	0.50920977
## 381	NH3flux	0.50544709
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## 385	NH3flux	0.50544709
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## 387	NH3flux	0.51445930
## 388	NH3flux	0.50544709
## 389	NH3flux	0.50544709
## 390	NH3flux	0.50544709
## 391	NH3flux	0.51445930
## 392	NH3flux	0.50544709

## 393	NH3flux	0.50586130
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## 395	NH3flux	0.50544709
## 396	NH3flux	0.50586130
## 397	NH3flux	0.50586130
## 398	NH3flux	0.50586130
## 399	NH3flux	0.50544709
## 400	NH3flux	0.50586130
## 401	ODUflux	12.46092398
## 402	ODUflux	12.46092398
## 403	ODUflux	14.54950599
## 404	ODUflux	18.07962047
## 405	ODUflux	27.94983261
## 406	ODUflux	27.37685158
## 407	ODUflux	19.21257462
## 408	ODUflux	25.76050791
## 409	ODUflux	18.07962047
## 410	ODUflux	18.07962047
## 411	ODUflux	14.54950599
## 412	ODUflux	18.07962047
## 413	ODUflux	19.21257462
## 414	ODUflux	14.63566274
## 415	ODUflux	14.63566274
## 416	ODUflux	14.54950599
## 417	ODUflux	14.54950599
## 418	ODUflux	25.76050791
## 419	ODUflux	18.07962047
## 420	ODUflux	25.76050791
## 421	ODUflux	15.83009965
## 422	ODUflux	18.07962047
## 423	ODUflux	18.07962047
## 424	ODUflux	14.54950599
## 425	ODUflux	25.76050791
## 426	ODUflux	18.07962047
## 427	ODUflux	25.76050791
## 428	ODUflux	14.54950599
## 429	ODUflux	12.03683940
## 430	ODUflux	16.04349772
## 431	ODUflux	15.83009965
## 432	ODUflux	18.07962047
## 433	ODUflux	15.83009965
## 434	ODUflux	18.07962047
## 435	ODUflux	14.63566274
## 436	ODUflux	18.07962047
## 437	ODUflux	25.76050791
## 438	ODUflux	18.07962047
## 439	ODUflux	14.63566274
## 440	ODUflux	18.07962047
## 441	ODUflux	12.03683940
## 442	ODUflux	18.07962047
## 443	ODUflux	14.54950599
## 444	ODUflux	12.03683940
## 445	ODUflux	18.07962047
## 446	ODUflux	12.03683940

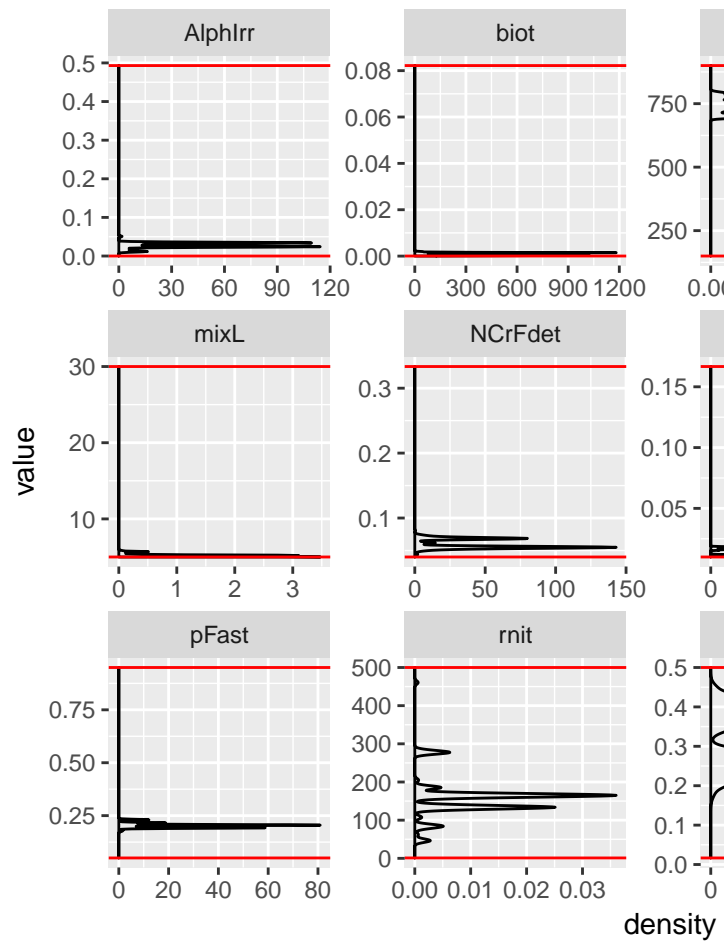
## 447	ODUflux	18.07962047
## 448	ODUflux	15.83009965
## 449	ODUflux	18.07962047
## 450	ODUflux	25.76050791
## 451	ODUflux	14.54950599
## 452	ODUflux	17.66412858
## 453	ODUflux	18.07962047
## 454	ODUflux	18.07962047
## 455	ODUflux	18.07962047
## 456	ODUflux	14.63566274
## 457	ODUflux	14.54950599
## 458	ODUflux	19.21257462
## 459	ODUflux	18.07962047
## 460	ODUflux	18.07962047
## 461	ODUflux	14.54950599
## 462	ODUflux	18.07962047
## 463	ODUflux	15.83009965
## 464	ODUflux	18.07962047
## 465	ODUflux	18.07962047
## 466	ODUflux	19.21257462
## 467	ODUflux	18.07962047
## 468	ODUflux	18.07962047
## 469	ODUflux	14.63566274
## 470	ODUflux	16.91332499
## 471	ODUflux	14.63566274
## 472	ODUflux	15.83009965
## 473	ODUflux	18.07962047
## 474	ODUflux	14.54950599
## 475	ODUflux	19.21257462
## 476	ODUflux	18.07962047
## 477	ODUflux	19.21257462
## 478	ODUflux	14.54950599
## 479	ODUflux	12.03683940
## 480	ODUflux	12.03683940
## 481	ODUflux	14.54950599
## 482	ODUflux	14.54950599
## 483	ODUflux	18.07962047
## 484	ODUflux	14.54950599
## 485	ODUflux	14.54950599
## 486	ODUflux	18.07962047
## 487	ODUflux	25.76050791
## 488	ODUflux	14.54950599
## 489	ODUflux	14.54950599
## 490	ODUflux	14.54950599
## 491	ODUflux	25.76050791
## 492	ODUflux	14.54950599
## 493	ODUflux	18.07962047
## 494	ODUflux	12.03683940
## 495	ODUflux	14.54950599
## 496	ODUflux	18.07962047
## 497	ODUflux	18.07962047
## 498	ODUflux	18.07962047
## 499	ODUflux	14.54950599
## 500	ODUflux	18.07962047

```
## [ reached getOption("max.print") -- omitted 600 rows ]
```

MicroProfiles

```
## [[1]]
## geom_density: na.rm = FALSE
## stat_density: na.rm = FALSE
## position_identity
##
## [[2]]
## mapping: xmin = value - err, xmax = value + err, ymin = 0, ymax = Inf
## geom_rect: na.rm = FALSE
## stat_identity: na.rm = FALSE
## position_identity
```


Parameters



!! Parameters values are not converted to “print” value for now ..

Misfits

...