

| Variable          | Model                         | df/edf   | Ref.df           | F            | p-value      |
|-------------------|-------------------------------|----------|------------------|--------------|--------------|
| DOC concentration | Day 10 Model: Treatment       | 1.000000 | –                | 9.57136829   | 5.454223e–03 |
| DOC concentration | Day 31 Model: Treatment       | 1.000000 | –                | 0.03509156   | 8.532959e–01 |
| DOC concentration | Day 59 Model: Treatment       | 1.000000 | –                | 12.32350211  | 1.815599e–03 |
| DOC concentration | Day 89 Model: Treatment       | 1.000000 | –                | 1.16016080   | 2.916673e–01 |
| DOC concentration | Day 10 Model: burned smooth   | 3.622515 | 4.41233827915102 | 119.72792326 | 0.000000e+00 |
| DOC concentration | Day 10 Model: unburned smooth | 3.150628 | 3.85322556352991 | 149.12216867 | 0.000000e+00 |
| DOC concentration | Day 31 Model: burned smooth   | 6.481544 | 7.5318325388317  | 34.38687043  | 0.000000e+00 |
| DOC concentration | Day 31 Model: unburned smooth | 1.567858 | 1.92938317397795 | 59.34280817  | 0.000000e+00 |
| DOC concentration | Day 59 Model: burned smooth   | 2.050637 | 2.53185649319525 | 94.00045393  | 0.000000e+00 |
| DOC concentration | Day 59 Model: unburned smooth | 2.202180 | 2.71397724009735 | 56.55173581  | 0.000000e+00 |
| DOC concentration | Day 89 Model: burned smooth   | 1.000147 | 1.0002947203216  | 39.90473928  | 2.637776e–06 |
| DOC concentration | Day 89 Model: unburned smooth | 1.878303 | 2.32372337938221 | 12.94398679  | 8.972205e–05 |