Comparison of ranks compiled from S1 and ST sobol indices and coefficients (COEF) of corresponding elastinet models

Examination of absolute ranks

Visualisation of ranks comparison between pairs of S1 and COEF, as well as ST and COEF.

Dataset overview

```
##
                                          Variable lambda method alpha rank
## 1
                                                                    0.00
                                                                           12
                                 filling_avg_temp
                                                      min
                                                             coef
## 2
             filling fq Maximum temperature..31
                                                             coef
                                                                    0.00
                                                                           22
                                                       min
## 3
           filling_fq_Precipitation_amount..0.1
                                                             coef
                                                                    0.00
                                                                           59
                                                       min
## 4
             filling_fq_Precipitation_amount..40
                                                             coef
                                                                    0.00
                                                                            1
                                                       min
## 5
                        filling_fq_Snow_depth..1
                                                                    0.00
                                                                           35
                                                       min
                                                             coef
                              filling_length_days
## 6
                                                                    0.00
                                                       min
                                                             coef
## 7
                        filling_since_nyear_days
                                                       min
                                                             coef
                                                                    0.00
                                                                           41
## 8
                                                                    0.00
                          filling_since_seed_days
                                                       min
                                                             coef
## 9
             filling_sk_Maximum_temperature..31
                                                             coef
                                                                    0.00
                                                       min
                                                                           11
                                                                    0.00
## 10
           filling_sk_Precipitation_amount..0.1
                                                       min
                                                             coef
                                                                           44
            filling_sk_Precipitation_amount..40
                                                                    0.00
## 11
                                                             coef
                                                                            6
                                                       min
## 12
                        filling_sk_Snow_depth..1
                                                       min
                                                             coef
                                                                    0.00
                                                                           46
## 13
                                                                    0.00
                               filling_total_prec
                                                       min
                                                             coef
                                                                           54
## 14
                              generative_avg_temp
                                                       min
                                                             coef
                                                                    0.00
                                                                           17
                                                                    0.00
## 15
           generative_fq_Maximum_temperature..31
                                                       min
                                                             coef
                                                                           10
## 16
        generative_fq_Precipitation_amount..0.1
                                                       min
                                                             coef
                                                                    0.00
                                                                           40
## 17
         generative_fq_Precipitation_amount..40
                                                       min
                                                             coef
                                                                    0.00
                                                                            9
## 18
                     generative_fq_Snow_depth..1
                                                      min
                                                             coef
                                                                    0.00
                                                                           27
##
  19
                           generative length days
                                                             coef
                                                                    0.00
                                                                           28
                                                       min
## 20
                                                                    0.00
                     generative_since_nyear_days
                                                       min
                                                             coef
                                                                           31
## 21
                      generative_since_seed_days
                                                             coef
                                                                    0.00
                                                                           39
                                                       min
## 22
                                                                    0.00
                                                                            7
          generative_sk_Maximum_temperature..31
                                                             coef
                                                       min
## 23
        generative_sk_Precipitation_amount..0.1
                                                       min
                                                             coef
                                                                    0.00
                                                                           47
##
  24
         generative_sk_Precipitation_amount..40
                                                                    0.00
                                                                            8
                                                       min
                                                             coef
  25
                                                                    0.00
                     generative_sk_Snow_depth..1
                                                       min
                                                             coef
                                                                           29
##
  26
                            generative_total_prec
                                                             coef
                                                                    0.00
                                                                           60
                                                       min
                                                                    0.00
##
  27
                                      NA_avg_temp
                                                       min
                                                             coef
                                                                           14
                   NA_fq_Maximum_temperature..31
                                                                    0.00
## 28
                                                       min
                                                             coef
                                                                            2
## 29
                  NA_fq_Minimum_temperature...15
                                                       min
                                                             coef
                                                                    0.00
                                                                           53
## 30
                 NA_fq_Precipitation_amount..0.1
                                                             coef
                                                                    0.00
                                                                           32
                                                       min
## 31
                  NA_fq_Precipitation_amount..40
                                                       min
                                                             coef
                                                                    0.00
                                                                           20
                                                                    0.00
## 32
                              NA_fq_Snow_depth..1
                                                       min
                                                             coef
                                                                           43
##
  33
                              NA_fq_Snow_depth..4
                                                             coef
                                                                    0.00
                                                                           45
                                                       min
##
  34
                                   NA_length_days
                                                       min
                                                             coef
                                                                    0.00
                                                                           58
## 35
                                                                    0.00
                                                                            3
                   NA_sk_Maximum_temperature..31
                                                      min
                                                             coef
## 36
                  NA_sk_Minimum_temperature...15
                                                       min
                                                             coef
                                                                    0.00
                                                                           30
## 37
                                                                    0.00
                 NA_sk_Precipitation_amount..0.1
                                                       min
                                                             coef
                                                                           33
## 38
                  NA_sk_Precipitation_amount..40
                                                       min
                                                             coef
                                                                    0.00
                                                                           21
                                                                    0.00
                                                                           37
## 39
                              NA_sk_Snow_depth..1
                                                       min
                                                             coef
## 40
                              NA_sk_Snow_depth..4
                                                                    0.00
                                                       min
                                                             coef
                                    NA_total_prec
                                                                    0.00
                                                                           57
## 41
                                                       min
                                                             coef
```

```
## 42
                              vegetative_avg_temp
                                                                     0.00
                                                                            23
                                                       min
                                                              coef
##
  43
                                                                     0.00
                                                                             5
           vegetative_fq_Maximum_temperature..31
                                                       min
                                                              coef
        vegetative fq Precipitation amount..0.1
##
  44
                                                       min
                                                              coef
                                                                     0.00
                                                                            25
                                                                     0.00
##
   45
         vegetative_fq_Precipitation_amount..40
                                                                            16
                                                       min
                                                              coef
##
   46
                     vegetative_fq_Snow_depth..1
                                                       min
                                                              coef
                                                                     0.00
                                                                            48
##
   47
                                                       min
                                                                     0.00
                     vegetative_fq_Snow_depth..4
                                                              coef
                                                                            19
  48
                                                                     0.00
##
                           vegetative length days
                                                       min
                                                              coef
                                                                            51
                                                                     0.00
## 49
                     vegetative_since_nyear_days
                                                       min
                                                              coef
                                                                            26
##
   50
           vegetative_sk_Maximum_temperature..31
                                                       min
                                                              coef
                                                                     0.00
                                                                             4
                                                                     0.00
##
   51
        vegetative_sk_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                            24
   52
         vegetative_sk_Precipitation_amount..40
                                                       min
                                                              coef
                                                                     0.00
                                                                            13
##
   53
                                                                     0.00
                                                                            52
                     vegetative_sk_Snow_depth..1
                                                       min
                                                              coef
##
   54
                     vegetative_sk_Snow_depth..4
                                                       min
                                                              coef
                                                                     0.00
                                                                            18
## 55
                                                                     0.00
                            vegetative_total_prec
                                                       min
                                                              coef
                                                                            49
## 56
                                   critical_events
                                                       min
                                                              coef
                                                                     0.00
                                                                            61
## 57
                                            filling
                                                       min
                                                              coef
                                                                     0.00
                                                                            55
## 58
                                                                     0.00
                                                                            50
                                        generative
                                                       min
                                                              coef
                                                                     0.00
##
  59
                                                       min
                                                              coef
                                                                            42
                                                NA.
##
  60
                                                                     0.00
                                        vegetative
                                                       min
                                                              coef
                                                                            36
##
  61
                                               area
                                                       min
                                                              coef
                                                                     0.00
                                                                            15
##
  62
                                 filling_avg_temp
                                                       min
                                                                s1
                                                                     0.00
                                                                             3
##
  63
              filling_fq_Maximum_temperature..31
                                                                     0.00
                                                                            32
                                                       min
## 64
                                                                     0.00
                                                                            36
           filling fq Precipitation amount..0.1
                                                       min
                                                                s1
   65
                                                                     0.00
                                                                             9
##
             filling_fq_Precipitation_amount..40
                                                       min
                                                                     0.00
##
   66
                         filling_fq_Snow_depth..1
                                                       min
                                                                ร1
                                                                            13
##
   67
                              filling_length_days
                                                       min
                                                                s1
                                                                     0.00
                                                                            28
##
   68
                                                                     0.00
                                                                            50
                         filling_since_nyear_days
                                                       min
                                                                s1
   69
                                                                     0.00
##
                          filling_since_seed_days
                                                       min
                                                                            26
                                                                     0.00
##
  70
                                                                             8
              filling_sk_Maximum_temperature..31
                                                       min
                                                                     0.00
##
  71
           filling_sk_Precipitation_amount..0.1
                                                                            35
                                                       min
                                                                s1
  72
##
             filling_sk_Precipitation_amount..40
                                                       min
                                                                     0.00
                                                                            11
##
  73
                         filling_sk_Snow_depth..1
                                                       min
                                                                s1
                                                                     0.00
                                                                            24
  74
                                                                     0.00
##
                               filling_total_prec
                                                       min
                                                                             21
##
  75
                                                                     0.00
                              generative_avg_temp
                                                                            12
                                                       min
                                                                s1
##
   76
           generative_fq_Maximum_temperature..31
                                                                     0.00
                                                                            47
                                                       min
##
   77
                                                                     0.00
        generative_fq_Precipitation_amount..0.1
                                                       min
                                                                            48
##
  78
         generative_fq_Precipitation_amount..40
                                                       min
                                                                     0.00
## 79
                     generative_fq_Snow_depth..1
                                                                     0.00
                                                                            29
                                                       min
                                                                s1
## 80
                           generative_length_days
                                                                     0.00
                                                       min
##
  81
                                                                     0.00
                                                                            37
                     generative_since_nyear_days
                                                       min
##
  82
                                                                     0.00
                      generative since seed days
                                                       min
##
  83
           generative_sk_Maximum_temperature..31
                                                                     0.00
                                                                            49
                                                       min
                                                                s1
                                                                     0.00
##
   84
        generative_sk_Precipitation_amount..0.1
                                                       min
                                                                            46
   85
                                                                     0.00
##
         generative_sk_Precipitation_amount..40
                                                                            53
                                                       min
   86
                                                                     0.00
##
                     generative_sk_Snow_depth..1
                                                       min
                                                                s1
                                                                            31
## 87
                                                                     0.00
                                                                            59
                            generative_total_prec
                                                       min
                                                                s1
                                       NA_avg_temp
                                                                     0.00
##
   88
                                                       min
                                                                             4
##
  89
                                                                     0.00
                   NA_fq_Maximum_temperature..31
                                                       min
                                                                            41
##
  90
                  NA_fq_Minimum_temperature...15
                                                       min
                                                                     0.00
                                                                             7
                                                                s1
  91
                                                                             2
##
                 NA_fq_Precipitation_amount..0.1
                                                       min
                                                                     0.00
##
  92
                                                                     0.00
                  NA_fq_Precipitation_amount..40
                                                                            43
                                                       min
## 93
                              NA_fq_Snow_depth..1
                                                       min
                                                                     0.00
                                                                            16
## 94
                              NA_fq_Snow_depth..4
                                                                     0.00
                                                                             6
                                                       min
                                                                s1
## 95
                                    NA length days
                                                                     0.00
                                                                            23
                                                       min
```

```
## 96
                   NA_sk_Maximum_temperature..31
                                                       min
                                                                    0.00
                                                                            40
## 97
                                                                    0.00
                                                                            14
                  NA_sk_Minimum_temperature...15
                                                       min
                                                                s1
## 98
                 NA sk Precipitation amount..0.1
                                                       min
                                                                    0.00
                                                                            27
                                                                    0.00
## 99
                  NA_sk_Precipitation_amount..40
                                                                            52
                                                       min
                                                                s1
  100
                              NA_sk_Snow_depth..1
                                                       min
                                                                    0.00
                                                                            58
## 101
                                                                    0.00
                              NA sk Snow depth..4
                                                       min
                                                                            55
## 102
                                                                    0.00
                                     NA total prec
                                                       min
                                                                s1
                                                                            15
## 103
                                                                    0.00
                              vegetative_avg_temp
                                                       min
                                                                s1
                                                                            22
## 104
           vegetative_fq_Maximum_temperature..31
                                                       min
                                                                    0.00
                                                                            38
                                                                    0.00
## 105
        vegetative_fq_Precipitation_amount..0.1
                                                       min
                                                                s1
                                                                            33
  106
         vegetative_fq_Precipitation_amount..40
                                                       min
                                                                    0.00
                                                                            57
                                                                s1
## 107
                                                                    0.00
                     vegetative_fq_Snow_depth..1
                                                       min
                                                                s1
                                                                            34
##
  108
                     vegetative_fq_Snow_depth..4
                                                       min
                                                                    0.00
                                                                            60
## 109
                           vegetative_length_days
                                                                    0.00
                                                       min
                                                                            44
## 110
                                                                    0.00
                     vegetative_since_nyear_days
                                                       min
                                                                s1
                                                                            18
## 111
           vegetative_sk_Maximum_temperature..31
                                                       min
                                                                    0.00
                                                                            56
## 112
                                                                    0.00
        vegetative_sk_Precipitation_amount..0.1
                                                                            10
                                                       min
## 113
         vegetative_sk_Precipitation_amount..40
                                                                    0.00
                                                                            42
                                                       min
## 114
                                                                    0.00
                     vegetative_sk_Snow_depth..1
                                                                            54
                                                       min
                                                                s1
## 115
                     vegetative_sk_Snow_depth..4
                                                       min
                                                                    0.00
## 116
                            vegetative_total_prec
                                                       min
                                                                    0.00
                                                                            19
## 117
                                  critical events
                                                                    0.00
                                                       min
                                                                    0.00
## 118
                                                                            39
                                           filling
                                                       min
                                                                s1
## 119
                                        generative
                                                                    0.00
                                                                            30
                                                       min
## 120
                                                                    0.00
                                                NA.
                                                       min
                                                                s1
                                                                             5
## 121
                                        vegetative
                                                       min
                                                                s1
                                                                    0.00
                                                                            17
## 122
                                                                    0.00
                                              area
                                                       min
                                                                s1
                                                                             1
## 123
                                                                    0.00
                                                                             3
                                 filling_avg_temp
                                                       min
## 124
                                                                    0.00
                                                                            54
              filling_fq_Maximum_temperature..31
                                                       min
## 125
           filling_fq_Precipitation_amount..0.1
                                                                    0.00
                                                                            46
                                                       min
                                                                st
## 126
             filling_fq_Precipitation_amount..40
                                                       min
                                                                    0.00
                                                                            19
## 127
                         filling_fq_Snow_depth..1
                                                       min
                                                                st.
                                                                    0.00
                                                                            38
## 128
                                                                    0.00
                              filling_length_days
                                                       min
                                                                            15
## 129
                                                                    0.00
                         filling_since_nyear_days
                                                                            23
                                                       min
                                                                st
## 130
                          filling_since_seed_days
                                                                    0.00
                                                                            25
                                                       min
## 131
                                                                    0.00
                                                                            27
              filling_sk_Maximum_temperature..31
                                                       min
## 132
           filling sk Precipitation amount..0.1
                                                       min
                                                                    0.00
                                                                            51
## 133
             filling_sk_Precipitation_amount..40
                                                                    0.00
                                                                            10
                                                       min
                                                                st.
## 134
                         filling_sk_Snow_depth..1
                                                                    0.00
                                                                            20
                                                       min
## 135
                                                                    0.00
                                                                             8
                               filling_total_prec
                                                       min
                                                                st.
## 136
                                                                    0.00
                                                                             9
                              generative_avg_temp
                                                       min
## 137
           generative_fq_Maximum_temperature..31
                                                                    0.00
                                                                            48
                                                       min
                                                                st.
   138
                                                                    0.00
##
        generative_fq_Precipitation_amount..0.1
                                                       min
                                                                            45
  139
                                                                    0.00
##
         generative_fq_Precipitation_amount..40
                                                                            47
                                                       min
## 140
                                                                    0.00
                     generative_fq_Snow_depth..1
                                                       min
                                                                st
                                                                            21
                                                                    0.00
## 141
                           generative_length_days
                                                                            26
                                                       min
                                                                st
                                                                    0.00
## 142
                     generative_since_nyear_days
                                                       min
                                                                            16
## 143
                                                                    0.00
                                                                            29
                      generative_since_seed_days
                                                       min
## 144
           generative_sk_Maximum_temperature..31
                                                       min
                                                                    0.00
                                                                            31
                                                                st
   145
##
        generative_sk_Precipitation_amount..0.1
                                                       min
                                                                    0.00
                                                                            53
##
  146
                                                                    0.00
                                                                            35
         generative_sk_Precipitation_amount..40
                                                       min
## 147
                                                                    0.00
                     generative_sk_Snow_depth..1
                                                       min
                                                                            22
                                                                            44
## 148
                            generative_total_prec
                                                                    0.00
                                                       min
                                                                st
## 149
                                       NA_avg_temp
                                                       min
                                                                    0.00
```

```
## 150
                   NA_fq_Maximum_temperature..31
                                                       min
                                                                    0.00
                                                                            43
## 151
                                                       min
                                                                    0.00
                                                                             6
                  NA_fq_Minimum_temperature...15
## 152
                 NA fg Precipitation amount..0.1
                                                       min
                                                                    0.00
                                                                             2
## 153
                                                                    0.00
                  NA_fq_Precipitation_amount..40
                                                                            42
                                                       min
##
  154
                              NA_fq_Snow_depth..1
                                                       min
                                                                    0.00
                                                                            24
## 155
                                                                    0.00
                                                                             4
                              NA_fq_Snow_depth..4
                                                       min
## 156
                                                                    0.00
                                                                            30
                                   NA length days
                                                       min
                                                                st
## 157
                                                                    0.00
                   NA sk Maximum temperature..31
                                                       min
                                                                st.
                                                                            33
## 158
                  NA_sk_Minimum_temperature...15
                                                       min
                                                                    0.00
                                                                            55
## 159
                                                                    0.00
                 NA_sk_Precipitation_amount..0.1
                                                       min
                                                                st
                                                                            14
## 160
                  NA_sk_Precipitation_amount..40
                                                       min
                                                                    0.00
                                                                st
## 161
                                                                    0.00
                                                                             5
                              NA_sk_Snow_depth..1
                                                       min
## 162
                              NA_sk_Snow_depth..4
                                                       min
                                                                    0.00
                                                                            34
## 163
                                                                    0.00
                                     NA_total_prec
                                                       min
                                                                            17
## 164
                                                                    0.00
                              vegetative_avg_temp
                                                       min
                                                                st
                                                                            13
## 165
           vegetative_fq_Maximum_temperature..31
                                                       min
                                                                    0.00
                                                                            40
## 166
                                                                    0.00
        vegetative_fq_Precipitation_amount..0.1
                                                                            18
                                                       min
                                                                    0.00
##
  167
         vegetative_fq_Precipitation_amount..40
                                                                            57
                                                       min
## 168
                                                                    0.00
                     vegetative_fq_Snow_depth..1
                                                       min
                                                                            28
                                                                st
## 169
                     vegetative_fq_Snow_depth..4
                                                       min
                                                                    0.00
                                                                            59
## 170
                           vegetative_length_days
                                                       min
                                                                    0.00
                                                                            52
## 171
                     vegetative_since_nyear_days
                                                                    0.00
                                                       min
                                                                    0.00
## 172
           vegetative_sk_Maximum_temperature..31
                                                       min
                                                                st
                                                                            56
## 173
        vegetative sk Precipitation amount..0.1
                                                                    0.00
                                                                             7
                                                       min
## 174
                                                                    0.00
         vegetative_sk_Precipitation_amount..40
                                                       min
                                                                st.
                                                                            49
## 175
                     vegetative_sk_Snow_depth..1
                                                       min
                                                                st
                                                                    0.00
                                                                            50
## 176
                     vegetative_sk_Snow_depth..4
                                                                    0.00
                                                                            61
                                                       min
                                                                st
## 177
                                                                    0.00
                            vegetative_total_prec
                                                       min
## 178
                                                                    0.00
                                  critical_events
                                                       min
                                                                    0.00
## 179
                                           filling
                                                       min
                                                                            39
                                                                st
## 180
                                        generative
                                                       min
                                                                    0.00
                                                                            58
## 181
                                                NA.
                                                       min
                                                                st.
                                                                    0.00
                                                                            12
## 182
                                                                    0.00
                                                                            37
                                        vegetative
                                                       min
## 183
                                                                    0.00
                                                       min
                                                                             1
                                                                st
                                              area
## 184
                                 filling_avg_temp
                                                       1se
                                                              coef
                                                                    0.00
                                                                            16
## 185
              filling_fq_Maximum_temperature..31
                                                                    0.00
                                                                            20
                                                       1se
                                                              coef
## 186
            filling fq Precipitation amount..0.1
                                                       1se
                                                              coef
                                                                    0.00
                                                                            48
## 187
             filling_fq_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                    0.00
                                                                             3
## 188
                         filling_fq_Snow_depth..1
                                                       1se
                                                              coef
                                                                    0.00
## 189
                                                                    0.00
                                                              coef
                                                                            52
                              filling_length_days
                                                       1se
## 190
                                                              coef
                                                                    0.00
                                                                            42
                         filling since nyear days
                                                       1se
## 191
                          filling_since_seed_days
                                                       1se
                                                              coef
                                                                    0.00
                                                                            33
## 192
                                                                    0.00
              filling_sk_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                            10
## 193
                                                                    0.00
           filling_sk_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                            40
## 194
                                                                    0.00
             filling_sk_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                            13
## 195
                                                                    0.00
                         filling_sk_Snow_depth..1
                                                       1se
                                                              coef
                                                                            54
                                                                    0.00
## 196
                               filling_total_prec
                                                       1se
                                                              coef
                                                                            51
## 197
                                                                    0.00
                              generative_avg_temp
                                                       1se
                                                              coef
                                                                            15
                                                              coef
## 198
           generative_fq_Maximum_temperature..31
                                                       1se
                                                                    0.00
                                                                            11
   199
##
        generative_fq_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                    0.00
                                                                            50
##
  200
                                                                    0.00
                                                                             5
         generative_fq_Precipitation_amount..40
                                                       1se
                                                              coef
## 201
                                                                    0.00
                     generative fq Snow depth..1
                                                       1se
                                                              coef
                                                                            28
## 202
                           generative_length_days
                                                       1se
                                                              coef
                                                                    0.00
                                                                            27
## 203
                     generative since nyear days
                                                       1se
                                                              coef
                                                                    0.00
```

```
## 204
                       generative_since_seed_days
                                                       1se
                                                              coef
                                                                     0.00
                                                                             38
## 205
                                                                     0.00
                                                                            12
           generative_sk_Maximum_temperature..31
                                                       1se
                                                              coef
        generative sk Precipitation amount..0.1
##
  206
                                                       1se
                                                              coef
                                                                     0.00
                                                                            35
  207
                                                                     0.00
##
         generative_sk_Precipitation_amount..40
                                                       1se
                                                                             4
                                                              coef
##
   208
                     generative_sk_Snow_depth..1
                                                       1se
                                                              coef
                                                                     0.00
                                                                            29
## 209
                            generative total prec
                                                       1se
                                                                     0.00
                                                              coef
                                                                            57
## 210
                                                                     0.00
                                       NA avg temp
                                                       1se
                                                              coef
                                                                            17
## 211
                                                                     0.00
                   NA_fq_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                             2
## 212
                  NA_fq_Minimum_temperature...15
                                                       1se
                                                              coef
                                                                     0.00
                                                                            56
## 213
                                                                     0.00
                                                                            32
                 NA_fq_Precipitation_amount..0.1
                                                       1se
                                                              coef
## 214
                  NA_fq_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                     0.00
                                                                            22
## 215
                                                                     0.00
                                                                            46
                              NA_fq_Snow_depth..1
                                                       1se
                                                              coef
## 216
                              NA_fq_Snow_depth..4
                                                       1se
                                                              coef
                                                                     0.00
                                                                            43
## 217
                                   NA_length_days
                                                                     0.00
                                                                            58
                                                       1se
                                                              coef
## 218
                                                                     0.00
                   NA_sk_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                             1
## 219
                  NA_sk_Minimum_temperature...15
                                                       1se
                                                              coef
                                                                     0.00
                                                                            26
## 220
                                                                     0.00
                                                                            47
                 NA_sk_Precipitation_amount..0.1
                                                       1se
                                                              coef
## 221
                                                                     0.00
                  NA_sk_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                            21
## 222
                                                                     0.00
                              NA_sk_Snow_depth..1
                                                       1se
                                                              coef
                                                                            45
## 223
                              NA_sk_Snow_depth..4
                                                       1se
                                                              coef
                                                                     0.00
                                                                            60
## 224
                                     NA_total_prec
                                                       1se
                                                              coef
                                                                     0.00
                                                                            55
## 225
                                                       1se
                                                              coef
                                                                     0.00
                              vegetative_avg_temp
## 226
                                                                     0.00
           vegetative_fq_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                            18
        vegetative_fq_Precipitation_amount..0.1
## 227
                                                              coef
                                                                     0.00
                                                       1se
## 228
                                                                     0.00
         vegetative_fq_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                             7
  229
                     vegetative_fq_Snow_depth..1
                                                       1se
                                                              coef
                                                                     0.00
                                                                            36
## 230
                     vegetative_fq_Snow_depth..4
                                                       1se
                                                              coef
                                                                     0.00
                                                                             8
  231
                                                                     0.00
                                                                            37
##
                           vegetative_length_days
                                                       1se
                                                              coef
## 232
                                                       1se
                                                                     0.00
                                                                            23
                     vegetative_since_nyear_days
                                                              coef
## 233
                                                                     0.00
           vegetative_sk_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                            19
## 234
        vegetative_sk_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                     0.00
                                                                            25
##
   235
         vegetative_sk_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                     0.00
                                                                             6
   236
                                                                     0.00
##
                     vegetative_sk_Snow_depth..1
                                                       1se
                                                              coef
                                                                            39
## 237
                                                              coef
                                                                     0.00
                                                                             9
                     vegetative_sk_Snow_depth..4
                                                       1se
                            vegetative_total_prec
## 238
                                                       1se
                                                              coef
                                                                     0.00
                                                                            49
                                   critical_events
## 239
                                                                     0.00
                                                       1se
                                                              coef
                                                                            61
## 240
                                           filling
                                                       1se
                                                              coef
                                                                     0.00
## 241
                                                       1se
                                                              coef
                                                                     0.00
                                                                            34
                                        generative
## 242
                                                       1se
                                                              coef
                                                                     0.00
                                                NA.
## 243
                                                       1se
                                                                     0.00
                                                                            41
                                        vegetative
                                                              coef
## 244
                                                                     0.00
                                                                            14
                                              area
                                                       1se
                                                              coef
## 245
                                                                    0.00
                                                                             4
                                 filling_avg_temp
                                                       1se
                                                                s1
  246
                                                                     0.00
##
              filling_fq_Maximum_temperature..31
                                                       1se
                                                                            42
## 247
                                                                     0.00
            filling_fq_Precipitation_amount..0.1
                                                       1se
## 248
                                                                     0.00
             filling_fq_Precipitation_amount..40
                                                       1se
                                                                s1
                                                                            15
## 249
                                                                     0.00
                         filling_fq_Snow_depth..1
                                                                            33
                                                       1se
                                                                s1
## 250
                                                                     0.00
                              filling_length_days
                                                       1se
                                                                            31
## 251
                                                                     0.00
                                                                            59
                         filling_since_nyear_days
                                                       1se
## 252
                          filling_since_seed_days
                                                       1se
                                                                s1
                                                                     0.00
                                                                            19
## 253
              filling_sk_Maximum_temperature..31
                                                       1se
                                                                     0.00
                                                                             6
## 254
                                                                     0.00
                                                                            36
           filling_sk_Precipitation_amount..0.1
                                                       1se
## 255
             filling_sk_Precipitation_amount..40
                                                       1se
                                                                    0.00
                                                                            17
## 256
                         filling_sk_Snow_depth..1
                                                                     0.00
                                                                            34
                                                       1se
                                                                s1
## 257
                               filling total prec
                                                       1se
                                                                s1
                                                                    0.00
                                                                            20
```

```
## 258
                                                       1se
                                                                     0.00
                                                                            29
                              generative_avg_temp
##
  259
                                                                     0.00
                                                                            48
          generative_fq_Maximum_temperature..31
                                                       1se
                                                                s1
        generative fq Precipitation amount..0.1
##
   260
                                                       1se
                                                                     0.00
                                                                            49
  261
                                                                     0.00
##
         generative_fq_Precipitation_amount..40
                                                                            51
                                                       1se
##
   262
                     generative_fq_Snow_depth..1
                                                       1se
                                                                     0.00
                                                                            24
##
  263
                                                                     0.00
                           generative length days
                                                       1se
                                                                            13
## 264
                                                                     0.00
                     generative since nyear days
                                                       1se
                                                                s1
                                                                            44
## 265
                                                                     0.00
                       generative_since_seed_days
                                                       1se
                                                                s1
                                                                            21
##
   266
           generative_sk_Maximum_temperature..31
                                                       1se
                                                                     0.00
                                                                            46
   267
                                                                     0.00
##
        generative_sk_Precipitation_amount..0.1
                                                       1se
                                                                            41
   268
         generative_sk_Precipitation_amount..40
                                                       1se
                                                                     0.00
                                                                            53
                                                                s1
   269
                     generative_sk_Snow_depth..1
                                                                     0.00
                                                                            30
##
                                                       1se
                                                                s1
##
   270
                            generative_total_prec
                                                                     0.00
                                                                            55
                                                       1se
## 271
                                                                     0.00
                                                                             3
                                       NA_avg_temp
                                                       1se
## 272
                                                                     0.00
                                                                            38
                   NA_fq_Maximum_temperature..31
                                                       1se
                                                                s1
## 273
                  NA_fq_Minimum_temperature...15
                                                       1se
                                                                     0.00
                                                                            10
## 274
                                                                     0.00
                                                                             2
                 NA_fq_Precipitation_amount..0.1
                                                       1se
  275
##
                  NA_fq_Precipitation_amount..40
                                                                     0.00
                                                                            47
                                                       1se
## 276
                                                                     0.00
                                                                             7
                              NA_fq_Snow_depth..1
                                                       1se
                                                                s1
## 277
                              NA_fq_Snow_depth..4
                                                       1se
                                                                     0.00
                                                                             9
##
  278
                                   NA_length_days
                                                       1se
                                                                     0.00
                                                                            37
## 279
                   NA_sk_Maximum_temperature..31
                                                                     0.00
                                                                            40
                                                       1se
## 280
                                                                s1
                                                                     0.00
                                                                             8
                  NA_sk_Minimum_temperature...15
                                                       1se
  281
                                                                     0.00
                                                                            28
                 NA sk Precipitation amount..0.1
                                                       1se
  282
                  NA_sk_Precipitation_amount..40
                                                                     0.00
##
                                                       1se
                                                                ร1
                                                                            56
  283
                              NA_sk_Snow_depth..1
                                                       1se
                                                                s1
                                                                     0.00
                                                                            27
##
  284
                                                                     0.00
                                                                            58
                              NA_sk_Snow_depth..4
                                                       1se
                                                                s1
   285
                                                                     0.00
##
                                     NA_total_prec
                                                       1se
                                                                            14
  286
##
                                                                     0.00
                                                                            23
                              vegetative_avg_temp
                                                       1se
  287
##
          vegetative_fq_Maximum_temperature..31
                                                                     0.00
                                                                            50
                                                       1se
                                                                s1
##
  288
        vegetative_fq_Precipitation_amount..0.1
                                                       1se
                                                                     0.00
                                                                            32
##
   289
         vegetative_fq_Precipitation_amount..40
                                                                     0.00
                                                                            52
                                                       1se
   290
                                                                     0.00
                                                                            25
##
                     vegetative_fq_Snow_depth..1
                                                       1se
  291
                                                                     0.00
                                                                            57
##
                     vegetative_fq_Snow_depth..4
                                                       1se
                                                                s1
##
  292
                           vegetative_length_days
                                                                     0.00
                                                                            35
                                                       1se
##
  293
                                                                     0.00
                     vegetative_since_nyear_days
                                                       1se
                                                                            12
##
  294
           vegetative sk Maximum temperature..31
                                                       1se
                                                                     0.00
##
  295
        vegetative_sk_Precipitation_amount..0.1
                                                                     0.00
                                                       1se
                                                                s1
                                                                            11
##
  296
         vegetative_sk_Precipitation_amount..40
                                                                     0.00
                                                       1se
  297
##
                                                                     0.00
                                                                            45
                     vegetative_sk_Snow_depth..1
                                                       1se
  298
                                                                     0.00
                     vegetative_sk_Snow_depth..4
                                                       1se
                                                                            61
## 299
                            vegetative_total_prec
                                                                     0.00
                                                                            26
                                                       1se
                                                                s1
   300
                                                                     0.00
##
                                  critical_events
                                                       1se
                                                                            43
  301
                                                                     0.00
##
                                           filling
                                                                            54
                                                       1se
  302
                                                                     0.00
                                        generative
                                                       1se
                                                                s1
                                                                            16
## 303
                                                                     0.00
                                                                             5
                                                NA.
                                                       1se
                                                                s1
  304
                                        vegetative
                                                                     0.00
##
                                                       1se
                                                                            18
## 305
                                                                     0.00
                                               area
                                                       1se
                                                                             1
                                                                            14
##
  306
                                 filling_avg_temp
                                                       1se
                                                                     0.00
                                                                st.
##
  307
              filling_fq_Maximum_temperature..31
                                                       1se
                                                                     0.00
                                                                            45
  308
                                                                     0.00
                                                                            22
##
           filling_fq_Precipitation_amount..0.1
                                                       1se
## 309
             filling_fq_Precipitation_amount..40
                                                       1se
                                                                    0.00
                                                                            23
## 310
                         filling_fq_Snow_depth..1
                                                                    0.00
                                                                            52
                                                       1se
                                                                st
## 311
                              filling length days
                                                                    0.00
                                                                            25
                                                       1se
```

```
## 312
                         filling since nyear days
                                                       1se
                                                                     0.00
                                                                            21
## 313
                                                                     0.00
                                                                            17
                          filling_since_seed_days
                                                       1se
## 314
              filling sk Maximum temperature..31
                                                       1se
                                                                     0.00
                                                                            13
## 315
                                                                     0.00
           filling_sk_Precipitation_amount..0.1
                                                                            39
                                                       1se
##
  316
             filling_sk_Precipitation_amount..40
                                                       1se
                                                                     0.00
                                                                            10
## 317
                         filling sk Snow depth..1
                                                                     0.00
                                                       1se
                                                                            24
## 318
                                                                     0.00
                               filling total prec
                                                       1se
                                                                st
                                                                             4
## 319
                                                                     0.00
                              generative_avg_temp
                                                       1se
                                                                st.
                                                                            12
##
   320
           generative_fq_Maximum_temperature..31
                                                       1se
                                                                     0.00
                                                                            48
   321
                                                                     0.00
                                                                            54
##
        generative_fq_Precipitation_amount..0.1
                                                       1se
   322
         generative_fq_Precipitation_amount..40
                                                       1se
                                                                     0.00
                                                                            40
                                                                st
  323
##
                     generative_fq_Snow_depth..1
                                                                     0.00
                                                                            16
                                                       1se
   324
##
                           generative_length_days
                                                       1se
                                                                     0.00
                                                                            19
## 325
                                                                     0.00
                     generative_since_nyear_days
                                                       1se
                                                                             8
## 326
                      generative_since_seed_days
                                                                     0.00
                                                                            27
                                                       1se
                                                                st
##
  327
           generative_sk_Maximum_temperature..31
                                                       1se
                                                                     0.00
                                                                            31
##
  328
                                                                     0.00
        generative_sk_Precipitation_amount..0.1
                                                                            43
                                                       1se
   329
                                                                     0.00
##
         generative_sk_Precipitation_amount..40
                                                                            35
                                                       1se
##
  330
                                                                     0.00
                     generative_sk_Snow_depth..1
                                                       1se
                                                                            11
                                                                st
  331
##
                            generative_total_prec
                                                       1se
                                                                     0.00
                                                                            37
##
  332
                                       NA_avg_temp
                                                       1se
                                                                     0.00
                                                                            42
## 333
                   NA_fq_Maximum_temperature..31
                                                                     0.00
                                                       1se
                                                                st
## 334
                                                                     0.00
                  NA_fq_Minimum_temperature...15
                                                                             7
                                                       1se
                                                                st
##
   335
                 NA fq Precipitation amount..0.1
                                                                     0.00
                                                                             2
                                                       1se
  336
                                                                     0.00
##
                  NA_fq_Precipitation_amount..40
                                                       1se
                                                                st.
                                                                            47
   337
                              NA_fq_Snow_depth..1
                                                       1se
                                                                st.
                                                                     0.00
                                                                            53
##
  338
                              NA_fq_Snow_depth..4
                                                                     0.00
                                                                             3
                                                       1se
                                                                st
   339
                                                                     0.00
                                                                            36
##
                                    NA_length_days
                                                       1se
  340
                                                                     0.00
##
                                                                            29
                   NA_sk_Maximum_temperature..31
                                                       1se
  341
                                                                     0.00
##
                  NA_sk_Minimum_temperature...15
                                                       1se
                                                                            33
                                                                st
## 342
                 NA_sk_Precipitation_amount..0.1
                                                       1se
                                                                     0.00
                                                                            20
##
  343
                  NA_sk_Precipitation_amount..40
                                                       1se
                                                                     0.00
                                                                            61
   344
                                                                     0.00
##
                              NA_sk_Snow_depth..1
                                                       1se
                                                                             5
  345
                                                                     0.00
                                                                            56
##
                              NA_sk_Snow_depth..4
                                                       1se
                                                                st
##
   346
                                     NA_total_prec
                                                       1se
                                                                     0.00
                                                                             9
##
  347
                                                                     0.00
                                                                            15
                              vegetative_avg_temp
                                                       1se
##
  348
           vegetative fq Maximum temperature..31
                                                       1se
                                                                     0.00
## 349
        vegetative_fq_Precipitation_amount..0.1
                                                                     0.00
                                                                            26
                                                       1se
                                                                st.
  350
##
         vegetative_fq_Precipitation_amount..40
                                                                     0.00
                                                       1se
  351
##
                                                                     0.00
                                                                            18
                     vegetative_fq_Snow_depth..1
                                                       1se
   352
                                                                     0.00
                     vegetative_fq_Snow_depth..4
                                                       1se
##
  353
                           vegetative_length_days
                                                                     0.00
                                                                            46
                                                       1se
   354
                                                                     0.00
##
                     vegetative_since_nyear_days
                                                       1se
                                                                            28
   355
                                                                    0.00
##
          vegetative_sk_Maximum_temperature..31
                                                                            59
                                                       1se
   356
        vegetative_sk_Precipitation_amount..0.1
                                                                     0.00
                                                       1se
                                                                st
                                                                             6
  357
                                                                     0.00
##
         vegetative_sk_Precipitation_amount..40
                                                                            44
                                                       1se
                                                                st
   358
                                                                     0.00
##
                     vegetative_sk_Snow_depth..1
                                                       1se
                                                                            38
  359
                                                                     0.00
                                                                            60
##
                     vegetative_sk_Snow_depth..4
                                                       1se
##
  360
                            vegetative_total_prec
                                                       1se
                                                                     0.00
                                                                            55
                                                                st.
  361
                                                                     0.00
                                                                            32
##
                                   critical_events
                                                       1se
##
  362
                                                                     0.00
                                           filling
                                                       1se
                                                                            49
## 363
                                                                    0.00
                                        generative
                                                       1se
                                                                            57
## 364
                                                NA.
                                                       1se
                                                                    0.00
                                                                            34
                                                                st
## 365
                                        vegetative
                                                       1se
                                                                    0.00
                                                                            30
```

```
## 366
                                                       1se
                                                                st
                                                                    0.00
                                                                             1
                                               area
## 367
                                                                    0.25
                                                                             7
                                 filling_avg_temp
                                                       min
                                                              coef
## 368
              filling fq Maximum temperature..31
                                                       min
                                                              coef
                                                                    0.25
                                                                            61
## 369
           filling_fq_Precipitation_amount..0.1
                                                       min
                                                                    0.25
                                                                            61
                                                              coef
##
  370
             filling_fq_Precipitation_amount..40
                                                       min
                                                              coef
                                                                    0.25
                                                                             5
## 371
                                                       min
                                                                    0.25
                                                                            21
                         filling fq Snow depth..1
                                                              coef
## 372
                                                       min
                                                                    0.25
                              filling length days
                                                              coef
                                                                            22
## 373
                                                                    0.25
                         filling_since_nyear_days
                                                       min
                                                              coef
                                                                            61
##
  374
                          filling_since_seed_days
                                                       min
                                                              coef
                                                                    0.25
                                                                            29
## 375
                                                                    0.25
              filling_sk_Maximum_temperature..31
                                                       min
                                                              coef
                                                                            13
  376
           filling_sk_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                    0.25
                                                                            61
## 377
             filling_sk_Precipitation_amount..40
                                                       min
                                                              coef
                                                                    0.25
                                                                            61
   378
##
                         filling_sk_Snow_depth..1
                                                       min
                                                              coef
                                                                    0.25
                                                                            26
## 379
                                                                    0.25
                                                                            32
                               filling_total_prec
                                                       min
                                                              coef
## 380
                                                       min
                                                              coef
                                                                    0.25
                                                                             3
                              generative_avg_temp
  381
##
           generative_fq_Maximum_temperature..31
                                                       min
                                                              coef
                                                                    0.25
                                                                            11
##
   382
                                                                    0.25
        generative_fq_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                            61
   383
                                                                    0.25
##
         generative_fq_Precipitation_amount..40
                                                       min
                                                              coef
                                                                             4
##
  384
                                                                    0.25
                     generative_fq_Snow_depth..1
                                                       min
                                                              coef
                                                                            19
  385
##
                           generative_length_days
                                                       min
                                                              coef
                                                                    0.25
                                                                            24
##
  386
                     generative_since_nyear_days
                                                       min
                                                              coef
                                                                    0.25
                                                                            61
##
  387
                                                       min
                                                              coef
                                                                    0.25
                      generative_since_seed_days
## 388
           generative_sk_Maximum_temperature..31
                                                       min
                                                              coef
                                                                    0.25
                                                                             9
##
   389
        generative_sk_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                    0.25
                                                                            34
##
  390
                                                                    0.25
         generative_sk_Precipitation_amount..40
                                                       min
                                                              coef
                                                                            10
   391
                     generative_sk_Snow_depth..1
                                                       min
                                                              coef
                                                                    0.25
                                                                            31
##
  392
                            generative_total_prec
                                                       min
                                                              coef
                                                                    0.25
                                                                            35
   393
                                                                    0.25
##
                                       NA_avg_temp
                                                       min
                                                              coef
                                                                             6
  394
                                                                    0.25
                                                                             2
##
                   NA_fq_Maximum_temperature..31
                                                       min
                                                              coef
  395
                                                                    0.25
##
                  NA_fq_Minimum_temperature...15
                                                       min
                                                              coef
                                                                            61
## 396
                 NA_fq_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                    0.25
                                                                            20
## 397
                  NA_fq_Precipitation_amount..40
                                                       min
                                                              coef
                                                                    0.25
                                                                            61
  398
                                                                    0.25
                                                                            25
##
                              NA_fq_Snow_depth..1
                                                       min
                                                              coef
## 399
                                                                    0.25
                              NA_fq_Snow_depth..4
                                                       min
                                                              coef
                                                                            33
##
  400
                                                       min
                                                              coef
                                                                    0.25
                                                                            61
                                    NA_length_days
## 401
                                                       min
                                                                    0.25
                   NA_sk_Maximum_temperature..31
                                                              coef
                                                                             1
## 402
                  NA sk Minimum temperature...15
                                                       min
                                                              coef
                                                                    0.25
                                                                            39
## 403
                 NA_sk_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                    0.25
                                                                            23
## 404
                  NA_sk_Precipitation_amount..40
                                                       min
                                                              coef
                                                                    0.25
                                                                            61
## 405
                                                       min
                                                                    0.25
                                                                            27
                              NA_sk_Snow_depth..1
                                                              coef
## 406
                                                       min
                                                                    0.25
                                                                            40
                              NA sk Snow depth..4
                                                              coef
## 407
                                     NA_total_prec
                                                       min
                                                              coef
                                                                    0.25
                                                                            36
  408
                                                                    0.25
##
                              vegetative_avg_temp
                                                       min
                                                              coef
                                                                            61
                                                       min
                                                                    0.25
##
  409
           vegetative_fq_Maximum_temperature..31
                                                              coef
                                                                            17
## 410
                                                                    0.25
        vegetative_fq_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                            16
## 411
                                                                    0.25
         vegetative_fq_Precipitation_amount..40
                                                       min
                                                              coef
                                                                            12
## 412
                                                                    0.25
                     vegetative_fq_Snow_depth..1
                                                       min
                                                              coef
                                                                            61
## 413
                                                                    0.25
                                                                            61
                     vegetative_fq_Snow_depth..4
                                                       min
                                                              coef
## 414
                           vegetative_length_days
                                                       min
                                                              coef
                                                                    0.25
                                                                            61
## 415
                                                                    0.25
                     vegetative_since_nyear_days
                                                       min
                                                              coef
                                                                            14
## 416
           vegetative_sk_Maximum_temperature..31
                                                                    0.25
                                                       min
                                                              coef
                                                                            18
## 417
                                                                    0.25
        vegetative_sk_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                            15
## 418
         vegetative_sk_Precipitation_amount..40
                                                       min
                                                              coef
                                                                    0.25
                                                                            38
## 419
                     vegetative sk Snow depth..1
                                                       min
                                                              coef
                                                                    0.25
                                                                            61
```

```
## 420
                     vegetative_sk_Snow_depth..4
                                                                    0.25
                                                                            61
                                                       min
                                                              coef
## 421
                                                                    0.25
                                                                            30
                            vegetative_total_prec
                                                       min
                                                              coef
                                  critical events
## 422
                                                       min
                                                              coef
                                                                    0.25
                                                                            61
## 423
                                                                    0.25
                                                       min
                                                                            37
                                           filling
                                                              coef
## 424
                                        generative
                                                       min
                                                              coef
                                                                    0.25
                                                                            61
## 425
                                                       min
                                                                    0.25
                                                              coef
                                                                            28
                                               NA.
## 426
                                                       min
                                                                    0.25
                                        vegetative
                                                              coef
                                                                            61
## 427
                                                                    0.25
                                              area
                                                       min
                                                              coef
                                                                             8
## 428
                                 filling_avg_temp
                                                       min
                                                                s1
                                                                    0.25
                                                                             3
## 429
                                                                    0.25
              filling_fq_Maximum_temperature..31
                                                       min
                                                                s1
                                                                            61
## 430
           filling_fq_Precipitation_amount..0.1
                                                       min
                                                                s1
                                                                    0.25
                                                                            61
## 431
                                                                    0.25
             filling_fq_Precipitation_amount..40
                                                                            16
                                                       min
                                                                s1
##
  432
                         filling_fq_Snow_depth..1
                                                       min
                                                                    0.25
                                                                            11
## 433
                                                                    0.25
                              filling_length_days
                                                       min
                                                                            12
## 434
                                                                    0.25
                                                                            61
                         filling_since_nyear_days
                                                       min
                                                                s1
## 435
                          filling_since_seed_days
                                                       min
                                                                    0.25
                                                                            36
## 436
                                                                    0.25
                                                                            25
              filling_sk_Maximum_temperature..31
                                                       min
                                                                s1
                                                                    0.25
## 437
           filling sk Precipitation amount..0.1
                                                       min
## 438
                                                                    0.25
            filling_sk_Precipitation_amount..40
                                                                            61
                                                       min
                                                                s1
## 439
                         filling_sk_Snow_depth..1
                                                       min
                                                                    0.25
                                                                            17
## 440
                               filling_total_prec
                                                       min
                                                                    0.25
                                                                            14
## 441
                                                                    0.25
                                                                             5
                              generative_avg_temp
                                                       min
## 442
                                                                    0.25
                                                                            23
           generative_fq_Maximum_temperature..31
                                                       min
                                                                s1
## 443
                                                                    0.25
        generative_fq_Precipitation_amount..0.1
                                                       min
                                                                            42
## 444
                                                                    0.25
                                                                            22
         generative_fq_Precipitation_amount..40
                                                       min
                                                                s1
## 445
                     generative_fq_Snow_depth..1
                                                       min
                                                                s1
                                                                    0.25
                                                                            31
## 446
                                                                    0.25
                                                                            28
                           generative_length_days
                                                       min
                                                                s1
## 447
                                                                    0.25
                     generative_since_nyear_days
                                                       min
                                                                            61
                                                                    0.25
## 448
                      generative_since_seed_days
                                                       min
                                                                            61
## 449
                                                                    0.25
           generative_sk_Maximum_temperature..31
                                                                            24
                                                       min
                                                                s1
## 450
        generative_sk_Precipitation_amount..0.1
                                                       min
                                                                s1
                                                                    0.25
                                                                            33
##
   451
         generative_sk_Precipitation_amount..40
                                                       min
                                                                s1
                                                                    0.25
                                                                            34
  452
                                                                    0.25
                                                                            27
##
                     generative_sk_Snow_depth..1
                                                       min
## 453
                                                                    0.25
                                                                            30
                            generative_total_prec
                                                       min
                                                                s1
##
  454
                                                                    0.25
                                                                             4
                                       NA_avg_temp
                                                       min
  455
                                                                    0.25
                                                                            32
##
                   NA_fq_Maximum_temperature..31
                                                       min
## 456
                  NA fq Minimum temperature...15
                                                       min
                                                                    0.25
## 457
                 NA_fq_Precipitation_amount..0.1
                                                                    0.25
                                                                             2
                                                       min
                                                                s1
## 458
                  NA_fq_Precipitation_amount..40
                                                                    0.25
                                                                            41
                                                       min
## 459
                                                                    0.25
                                                                             6
                              NA_fq_Snow_depth..1
                                                       min
                                                                s1
## 460
                                                                    0.25
                                                                            10
                              NA_fq_Snow_depth..4
                                                       min
## 461
                                                                    0.25
                                                                            61
                                   NA_length_days
                                                       min
                                                                s1
  462
                                                                    0.25
##
                   NA sk Maximum temperature..31
                                                       min
                                                                            18
  463
                                                                    0.25
##
                  NA_sk_Minimum_temperature...15
                                                                            38
                                                       min
## 464
                                                                    0.25
                 NA_sk_Precipitation_amount..0.1
                                                       min
                                                                s1
                                                                            19
                                                                    0.25
## 465
                  NA_sk_Precipitation_amount..40
                                                                            35
                                                       min
                                                                s1
                                                                    0.25
## 466
                              NA_sk_Snow_depth..1
                                                       min
                                                                s1
                                                                            13
## 467
                                                                    0.25
                                                                            21
                              NA_sk_Snow_depth..4
                                                       min
## 468
                                     NA_total_prec
                                                       min
                                                                    0.25
                                                                            15
                                                                s1
                              vegetative_avg_temp
                                                                    0.25
## 469
                                                       min
                                                                            61
##
  470
                                                                    0.25
                                                                            37
           vegetative_fq_Maximum_temperature..31
                                                                s1
                                                       min
## 471
                                                                    0.25
        vegetative fq Precipitation amount..0.1
                                                       min
                                                                s1
                                                                            26
## 472
         vegetative_fq_Precipitation_amount..40
                                                                    0.25
                                                                            40
                                                       min
                                                                s1
## 473
                     vegetative_fq_Snow_depth..1
                                                                s1
                                                                    0.25
                                                       min
```

```
## 474
                     vegetative_fq_Snow_depth..4
                                                                    0.25
                                                                            61
                                                       min
## 475
                                                                    0.25
                                                                            61
                           vegetative_length_days
                                                       min
                                                                s1
## 476
                     vegetative since nyear days
                                                       min
                                                                    0.25
                                                                             7
                                                                    0.25
## 477
          vegetative_sk_Maximum_temperature..31
                                                                            39
                                                       min
                                                                s1
##
   478
        vegetative_sk_Precipitation_amount..0.1
                                                       min
                                                                    0.25
                                                                             9
  479
         vegetative sk Precipitation amount..40
                                                                    0.25
##
                                                       min
                                                                s1
                                                                            43
## 480
                     vegetative sk Snow depth..1
                                                                    0.25
                                                       min
                                                                s1
                                                                            61
## 481
                                                                    0.25
                     vegetative_sk_Snow_depth..4
                                                       min
                                                                s1
                                                                            61
## 482
                            vegetative_total_prec
                                                       min
                                                                    0.25
                                                                            20
## 483
                                                                    0.25
                                  critical_events
                                                       min
                                                                s1
                                                                            61
## 484
                                           filling
                                                       min
                                                                s1
                                                                    0.25
                                                                            29
                                                                    0.25
## 485
                                                                            61
                                        generative
                                                       min
                                                                s1
                                                                    0.25
##
  486
                                                       min
                                                                             8
                                               NA.
## 487
                                                                    0.25
                                        vegetative
                                                       min
                                                                            61
## 488
                                                                    0.25
                                              area
                                                       min
                                                                s1
                                                                             1
## 489
                                 filling_avg_temp
                                                                    0.25
                                                                             3
                                                       min
## 490
                                                                    0.25
              filling_fq_Maximum_temperature..31
                                                                            61
                                                       min
## 491
           filling fg Precipitation amount..0.1
                                                                    0.25
                                                       min
## 492
                                                                    0.25
            filling_fq_Precipitation_amount..40
                                                                            22
                                                       min
                                                                st
## 493
                         filling_fq_Snow_depth..1
                                                       min
                                                                    0.25
##
  494
                              filling_length_days
                                                       min
                                                                    0.25
                                                                            30
## 495
                                                                    0.25
                         filling_since_nyear_days
                                                       min
                                                                    0.25
## 496
                          filling_since_seed_days
                                                       min
                                                                            34
                                                                st
## 497
              filling sk Maximum temperature..31
                                                                    0.25
                                                       min
## 498
                                                                    0.25
                                                                            61
           filling_sk_Precipitation_amount..0.1
                                                       min
                                                                st.
## 499
            filling_sk_Precipitation_amount..40
                                                       min
                                                                st.
                                                                    0.25
                                                                            61
## 500
                         filling_sk_Snow_depth..1
                                                                    0.25
                                                                            15
                                                       min
                                                                st
  501
                                                                    0.25
##
                               filling_total_prec
                                                       min
                                                                             8
## 502
                                                                    0.25
                                                                             6
                              generative_avg_temp
                                                       min
## 503
                                                                    0.25
          generative_fq_Maximum_temperature..31
                                                                            26
                                                       min
                                                                st
## 504
        generative_fq_Precipitation_amount..0.1
                                                       min
                                                                    0.25
                                                                            41
## 505
         generative_fq_Precipitation_amount..40
                                                       min
                                                                st.
                                                                    0.25
                                                                            23
## 506
                                                                    0.25
                     generative_fq_Snow_depth..1
                                                       min
                                                                            32
## 507
                                                                    0.25
                                                                            27
                           generative_length_days
                                                       min
                                                                st
## 508
                     generative since nyear days
                                                                    0.25
                                                                            61
                                                       min
## 509
                                                                    0.25
                      generative_since_seed_days
                                                       min
                                                                            61
## 510
           generative sk Maximum temperature..31
                                                       min
                                                                    0.25
## 511
        generative_sk_Precipitation_amount..0.1
                                                                    0.25
                                                                            42
                                                       min
                                                                st.
## 512
         generative_sk_Precipitation_amount..40
                                                                    0.25
                                                                            25
                                                       min
## 513
                                                                    0.25
                                                                            31
                     generative_sk_Snow_depth..1
                                                       min
                                                                st.
## 514
                                                                    0.25
                                                                            18
                            generative_total_prec
                                                       min
## 515
                                                                    0.25
                                                                             4
                                       NA_avg_temp
                                                       min
                                                                st.
## 516
                                                                    0.25
                   NA_fq_Maximum_temperature..31
                                                       min
                                                                            35
## 517
                                                                    0.25
                  NA_fq_Minimum_temperature...15
                                                                            61
                                                       min
## 518
                                                                    0.25
                                                                             2
                 NA_fq_Precipitation_amount..0.1
                                                       min
                                                                st
## 519
                                                                    0.25
                  NA_fq_Precipitation_amount..40
                                                                            40
                                                       min
                                                                st
## 520
                                                                    0.25
                              NA_fq_Snow_depth..1
                                                       min
                                                                             7
## 521
                                                                    0.25
                              NA_fq_Snow_depth..4
                                                       min
                                                                            11
## 522
                                   NA_length_days
                                                       min
                                                                    0.25
                                                                            61
                                                                st.
## 523
                                                                    0.25
                   NA_sk_Maximum_temperature..31
                                                       min
                                                                            20
## 524
                                                                    0.25
                  NA_sk_Minimum_temperature...15
                                                                            33
                                                       min
## 525
                                                                    0.25
                 NA_sk_Precipitation_amount..0.1
                                                       min
                                                                            24
## 526
                  NA_sk_Precipitation_amount..40
                                                                    0.25
                                                                            36
                                                       min
                                                                st
## 527
                              NA sk Snow depth..1
                                                                    0.25
                                                       min
```

```
## 528
                              NA_sk_Snow_depth..4
                                                       min
                                                                     0.25
                                                                            19
## 529
                                                       min
                                                                    0.25
                                                                            13
                                     NA_total_prec
## 530
                              vegetative avg temp
                                                       min
                                                                     0.25
                                                                            61
## 531
                                                                     0.25
          vegetative_fq_Maximum_temperature..31
                                                                            37
                                                       min
##
   532
        vegetative_fq_Precipitation_amount..0.1
                                                       min
                                                                     0.25
                                                                            17
   533
         vegetative fq Precipitation amount..40
                                                                    0.25
##
                                                       min
                                                                            39
## 534
                                                                     0.25
                     vegetative fq Snow depth..1
                                                       min
                                                                st
                                                                            61
## 535
                                                                     0.25
                     vegetative_fq_Snow_depth..4
                                                       min
                                                                st.
                                                                            61
## 536
                           vegetative_length_days
                                                       min
                                                                     0.25
                                                                            61
## 537
                                                                     0.25
                     vegetative_since_nyear_days
                                                       min
                                                                st
                                                                             9
   538
          vegetative_sk_Maximum_temperature..31
                                                       min
                                                                     0.25
                                                                            38
                                                                st
   539
                                                                     0.25
        vegetative_sk_Precipitation_amount..0.1
                                                                            16
##
                                                       min
##
   540
         vegetative_sk_Precipitation_amount..40
                                                       min
                                                                     0.25
                                                                            43
## 541
                     vegetative_sk_Snow_depth..1
                                                                     0.25
                                                       min
## 542
                     vegetative_sk_Snow_depth..4
                                                                     0.25
                                                       min
                                                                st
                                                                            61
## 543
                            vegetative_total_prec
                                                       min
                                                                     0.25
## 544
                                                                     0.25
                                   critical_events
                                                       min
                                                                            61
                                           filling
                                                                     0.25
## 545
                                                                            28
                                                       min
## 546
                                                                     0.25
                                        generative
                                                       min
                                                                            61
                                                                st
## 547
                                                NA.
                                                       min
                                                                     0.25
                                                                             5
## 548
                                        vegetative
                                                       min
                                                                     0.25
                                                                            61
## 549
                                                                     0.25
                                               area
                                                       min
                                                                st.
                                                                             1
                                                                     0.25
## 550
                                                                            61
                                 filling_avg_temp
                                                       1se
                                                              coef
## 551
              filling fq Maximum temperature..31
                                                                     0.25
                                                       1se
                                                              coef
                                                                            11
## 552
                                                                     0.25
                                                                            61
           filling fq Precipitation amount..0.1
                                                       1se
                                                              coef
## 553
             filling_fq_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                     0.25
                                                                            61
## 554
                         filling_fq_Snow_depth..1
                                                       1se
                                                              coef
                                                                     0.25
                                                                            61
   555
                                                                     0.25
##
                              filling_length_days
                                                       1se
                                                              coef
                                                                            61
## 556
                                                                     0.25
                         filling_since_nyear_days
                                                       1se
                                                              coef
                                                                            61
## 557
                                                                     0.25
                          filling_since_seed_days
                                                       1se
                                                              coef
                                                                            10
## 558
              filling_sk_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                     0.25
                                                                             4
## 559
           filling_sk_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                     0.25
                                                                            61
## 560
                                                                     0.25
             filling_sk_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                            61
## 561
                                                                     0.25
                         filling_sk_Snow_depth..1
                                                       1se
                                                              coef
                                                                            61
## 562
                               filling_total_prec
                                                       1se
                                                              coef
                                                                     0.25
                                                                            18
## 563
                                                                     0.25
                              generative_avg_temp
                                                       1se
                                                              coef
                                                                             3
## 564
           generative fq Maximum temperature..31
                                                       1se
                                                              coef
                                                                     0.25
## 565
        generative_fq_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                     0.25
                                                                            61
## 566
         generative_fq_Precipitation_amount..40
                                                              coef
                                                                     0.25
                                                                             9
                                                       1se
## 567
                                                              coef
                                                                     0.25
                                                                            13
                     generative_fq_Snow_depth..1
                                                       1se
## 568
                                                              coef
                                                                     0.25
                                                                            12
                           generative length days
                                                       1se
## 569
                     generative_since_nyear_days
                                                       1se
                                                              coef
                                                                     0.25
                                                                            61
  570
                                                                     0.25
##
                      generative_since_seed_days
                                                       1se
                                                              coef
                                                                            61
  571
           generative_sk_Maximum_temperature..31
                                                                     0.25
##
                                                       1se
                                                              coef
                                                                            61
## 572
        generative_sk_Precipitation_amount..0.1
                                                                     0.25
                                                       1se
                                                              coef
                                                                            61
## 573
                                                                     0.25
         generative_sk_Precipitation_amount..40
                                                              coef
                                                                             8
                                                       1se
## 574
                                                                     0.25
                     generative_sk_Snow_depth..1
                                                       1se
                                                              coef
                                                                            15
## 575
                                                                     0.25
                                                                            19
                            generative_total_prec
                                                       1se
                                                              coef
                                                              coef
## 576
                                       NA_avg_temp
                                                       1se
                                                                     0.25
                                                                             2
## 577
                                                                     0.25
                                                                             7
                   NA_fq_Maximum_temperature..31
                                                       1se
                                                              coef
## 578
                                                                     0.25
                  NA_fq_Minimum_temperature...15
                                                       1se
                                                              coef
                                                                            61
## 579
                                                                     0.25
                 NA_fq_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                            14
                                                              coef
## 580
                  NA_fq_Precipitation_amount..40
                                                       1se
                                                                     0.25
                                                                            61
## 581
                              NA_fq_Snow_depth..1
                                                       1se
                                                              coef
                                                                    0.25
                                                                            17
```

```
## 582
                              NA_fq_Snow_depth..4
                                                       1se
                                                              coef
                                                                     0.25
                                                                            16
## 583
                                                                    0.25
                                                                            61
                                    NA_length_days
                                                       1se
                                                              coef
                   NA sk Maximum temperature..31
## 584
                                                       1se
                                                              coef
                                                                     0.25
                                                                             6
## 585
                                                                     0.25
                  NA_sk_Minimum_temperature...15
                                                       1se
                                                                            61
                                                              coef
##
   586
                 NA_sk_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                     0.25
                                                                            61
## 587
                                                                    0.25
                  NA sk Precipitation amount..40
                                                       1se
                                                              coef
                                                                            61
## 588
                                                                     0.25
                              NA sk Snow depth..1
                                                       1se
                                                              coef
                                                                            61
## 589
                                                                     0.25
                              NA_sk_Snow_depth..4
                                                       1se
                                                              coef
                                                                            61
## 590
                                     NA_total_prec
                                                       1se
                                                              coef
                                                                     0.25
                                                                            20
## 591
                              vegetative_avg_temp
                                                                     0.25
                                                       1se
                                                              coef
                                                                            61
   592
          vegetative_fq_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                     0.25
                                                                            61
   593
                                                                     0.25
##
        vegetative_fq_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                            61
##
   594
         vegetative_fq_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                     0.25
                                                                            61
## 595
                     vegetative_fq_Snow_depth..1
                                                                     0.25
                                                       1se
                                                              coef
## 596
                     vegetative_fq_Snow_depth..4
                                                                     0.25
                                                       1se
                                                              coef
                                                                            61
## 597
                           vegetative_length_days
                                                       1se
                                                              coef
                                                                     0.25
                                                                            61
## 598
                                                                     0.25
                                                                             5
                     vegetative_since_nyear_days
                                                       1se
                                                              coef
                                                                     0.25
## 599
          vegetative sk Maximum temperature..31
                                                       1se
                                                              coef
                                                                            61
##
  600
                                                                     0.25
        vegetative_sk_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                            61
##
   601
         vegetative_sk_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                     0.25
##
  602
                     vegetative_sk_Snow_depth..1
                                                       1se
                                                              coef
                                                                     0.25
                                                                            61
## 603
                     vegetative_sk_Snow_depth..4
                                                       1se
                                                              coef
                                                                     0.25
                                                                            61
## 604
                                                                     0.25
                            vegetative total prec
                                                       1se
                                                              coef
                                                                            61
## 605
                                                              coef
                                                                     0.25
                                   critical events
                                                       1se
                                                                            61
## 606
                                                                     0.25
                                                                            61
                                           filling
                                                       1se
                                                              coef
## 607
                                        generative
                                                       1se
                                                              coef
                                                                     0.25
                                                                            61
## 608
                                                       1se
                                                              coef
                                                                     0.25
                                                                            61
                                                NA.
   609
                                                                     0.25
##
                                        vegetative
                                                       1se
                                                              coef
                                                                            61
                                                                     0.25
## 610
                                                              coef
                                              area
                                                       1se
                                                                             1
                                                                     0.25
## 611
                                 filling_avg_temp
                                                       1se
                                                                s1
                                                                            61
## 612
              filling_fq_Maximum_temperature..31
                                                       1se
                                                                s1
                                                                     0.25
                                                                            21
## 613
           filling_fq_Precipitation_amount..0.1
                                                       1se
                                                                     0.25
                                                                            61
## 614
                                                                     0.25
             filling_fq_Precipitation_amount..40
                                                       1se
## 615
                                                                     0.25
                         filling_fq_Snow_depth..1
                                                                            61
                                                       1se
                                                                s1
## 616
                              filling_length_days
                                                       1se
                                                                     0.25
## 617
                                                                     0.25
                         filling_since_nyear_days
                                                       1se
                                                                            61
## 618
                          filling since seed days
                                                       1se
                                                                     0.25
                                                                             5
## 619
              filling_sk_Maximum_temperature..31
                                                                     0.25
                                                                            14
                                                       1se
                                                                s1
## 620
           filling_sk_Precipitation_amount..0.1
                                                                    0.25
                                                       1se
## 621
                                                                    0.25
                                                                            61
             filling_sk_Precipitation_amount..40
                                                       1se
                                                                s1
## 622
                                                                     0.25
                         filling_sk_Snow_depth..1
                                                       1se
## 623
                               filling_total_prec
                                                                    0.25
                                                                             8
                                                       1se
                                                                s1
  624
                                                                     0.25
##
                              generative_avg_temp
                                                       1se
                                                                             9
##
   625
           generative_fq_Maximum_temperature..31
                                                                    0.25
                                                                            61
                                                       1se
## 626
                                                                     0.25
        generative_fq_Precipitation_amount..0.1
                                                       1se
                                                                s1
                                                                            61
## 627
                                                                     0.25
         generative_fq_Precipitation_amount..40
                                                       1se
                                                                s1
                                                                            13
## 628
                                                                     0.25
                     generative_fq_Snow_depth..1
                                                       1se
                                                                            15
## 629
                                                                     0.25
                           generative_length_days
                                                       1se
                                                                            12
## 630
                     generative_since_nyear_days
                                                       1se
                                                                s1
                                                                     0.25
                                                                            61
## 631
                                                                     0.25
                      generative_since_seed_days
                                                       1se
                                                                            61
##
   632
                                                                    0.25
           generative_sk_Maximum_temperature..31
                                                                            61
                                                       1se
## 633
        generative_sk_Precipitation_amount..0.1
                                                       1se
                                                                    0.25
                                                                            61
## 634
         generative_sk_Precipitation_amount..40
                                                                    0.25
                                                                            17
                                                       1se
                                                                s1
## 635
                     generative sk Snow depth..1
                                                       1se
                                                                s1
                                                                    0.25
```

```
## 636
                            generative_total_prec
                                                       1se
                                                                    0.25
                                                                            18
## 637
                                                                    0.25
                                                                             3
                                       NA_avg_temp
                                                       1se
                                                                s1
## 638
                   NA fq Maximum temperature..31
                                                       1se
                                                                    0.25
                                                                            20
## 639
                                                                    0.25
                  NA_fq_Minimum_temperature...15
                                                                            61
                                                       1se
                                                                s1
##
  640
                 NA_fq_Precipitation_amount..0.1
                                                       1se
                                                                    0.25
                                                                             2
## 641
                                                                    0.25
                  NA fq Precipitation amount..40
                                                       1se
                                                                s1
                                                                            61
## 642
                                                                    0.25
                              NA fq Snow depth..1
                                                       1se
                                                                s1
                                                                             6
## 643
                                                                    0.25
                                                                             7
                              NA_fq_Snow_depth..4
                                                       1se
                                                                s1
## 644
                                    NA_length_days
                                                       1se
                                                                    0.25
                                                                            61
## 645
                                                                    0.25
                   NA_sk_Maximum_temperature..31
                                                       1se
                                                                            11
  646
                  NA_sk_Minimum_temperature...15
                                                       1se
                                                                s1
                                                                    0.25
                                                                            61
## 647
                 NA_sk_Precipitation_amount..0.1
                                                                    0.25
                                                       1se
                                                                s1
                                                                            61
##
   648
                  NA_sk_Precipitation_amount..40
                                                                    0.25
                                                                            61
                                                       1se
## 649
                                                                    0.25
                              NA_sk_Snow_depth..1
                                                       1se
## 650
                              NA_sk_Snow_depth..4
                                                                    0.25
                                                       1se
                                                                s1
                                                                            61
## 651
                                     NA_total_prec
                                                       1se
                                                                    0.25
## 652
                                                                    0.25
                              vegetative_avg_temp
                                                                            61
                                                       1se
## 653
          vegetative_fq_Maximum_temperature..31
                                                                    0.25
                                                       1se
  654
                                                                    0.25
##
        vegetative_fq_Precipitation_amount..0.1
                                                                            61
                                                       1se
                                                                s1
##
   655
         vegetative_fq_Precipitation_amount..40
                                                       1se
                                                                    0.25
##
   656
                     vegetative_fq_Snow_depth..1
                                                       1se
                                                                    0.25
                                                                            61
  657
                     vegetative_fq_Snow_depth..4
                                                                    0.25
                                                       1se
                                                                            61
                                                                    0.25
## 658
                           vegetative length days
                                                       1se
                                                                s1
                                                                            61
## 659
                     vegetative since nyear days
                                                                    0.25
                                                       1se
                                                                             4
## 660
                                                                    0.25
          vegetative_sk_Maximum_temperature..31
                                                       1se
                                                                s1
                                                                            61
   661
        vegetative_sk_Precipitation_amount..0.1
                                                       1se
                                                                s1
                                                                    0.25
                                                                            19
  662
         vegetative_sk_Precipitation_amount..40
                                                                    0.25
                                                                            61
##
                                                       1se
                                                                s1
   663
                                                                    0.25
##
                     vegetative_sk_Snow_depth..1
                                                       1se
                                                                            61
## 664
                                                                    0.25
                     vegetative_sk_Snow_depth..4
                                                       1se
## 665
                            vegetative_total_prec
                                                       1se
                                                                    0.25
                                                                            61
                                                                s1
## 666
                                   critical_events
                                                       1se
                                                                s1
                                                                    0.25
                                                                            61
## 667
                                           filling
                                                       1se
                                                                s1
                                                                    0.25
                                                                            61
## 668
                                                                    0.25
                                        generative
                                                       1se
## 669
                                                                    0.25
                                                       1se
                                                                            61
                                                NA.
                                                                s1
## 670
                                        vegetative
                                                       1se
                                                                    0.25
## 671
                                                                    0.25
                                              area
                                                       1se
                                                                             1
## 672
                                 filling avg temp
                                                       1se
                                                                    0.25
## 673
              filling_fq_Maximum_temperature..31
                                                                    0.25
                                                                            21
                                                       1se
                                                                st.
## 674
           filling_fq_Precipitation_amount..0.1
                                                                    0.25
                                                       1se
## 675
                                                                    0.25
                                                                            61
             filling_fq_Precipitation_amount..40
                                                       1se
                                                                st.
## 676
                                                                    0.25
                         filling_fq_Snow_depth..1
                                                       1se
                                                                            61
## 677
                              filling_length_days
                                                                    0.25
                                                                            61
                                                       1se
                                                                    0.25
## 678
                         filling since nyear days
                                                       1se
                                                                            61
## 679
                                                                    0.25
                          filling_since_seed_days
                                                                             8
                                                       1se
## 680
                                                                    0.25
              filling_sk_Maximum_temperature..31
                                                       1se
                                                                st
                                                                            18
## 681
                                                                    0.25
           filling_sk_Precipitation_amount..0.1
                                                                            61
                                                       1se
                                                                st
                                                                    0.25
## 682
             filling_sk_Precipitation_amount..40
                                                       1se
                                                                            61
## 683
                                                                    0.25
                                                                            61
                         filling_sk_Snow_depth..1
                                                       1se
## 684
                               filling_total_prec
                                                       1se
                                                                    0.25
                                                                             5
                                                                st.
## 685
                                                                    0.25
                                                                             9
                              generative_avg_temp
                                                       1se
##
   686
                                                                    0.25
           generative_fq_Maximum_temperature..31
                                                                            61
                                                       1se
##
  687
        generative_fq_Precipitation_amount..0.1
                                                       1se
                                                                    0.25
                                                                            61
## 688
         generative_fq_Precipitation_amount..40
                                                                    0.25
                                                                            13
                                                       1se
                                                                st
## 689
                     generative_fq_Snow_depth..1
                                                                    0.25
                                                       1se
```

```
## 690
                           generative_length_days
                                                        1se
                                                                     0.25
                                                                             15
## 691
                                                                     0.25
                                                                             61
                     generative_since_nyear_days
                                                        1se
                       generative since seed days
## 692
                                                        1se
                                                                     0.25
                                                                             61
  693
                                                                     0.25
##
           generative_sk_Maximum_temperature..31
                                                        1se
                                                                st
                                                                             61
##
   694
        generative_sk_Precipitation_amount..0.1
                                                        1se
                                                                     0.25
                                                                             61
   695
         generative sk Precipitation amount..40
                                                                     0.25
##
                                                        1se
                                                                             16
   696
                                                                     0.25
                     generative_sk_Snow_depth..1
                                                        1se
                                                                st
                                                                             7
## 697
                                                                     0.25
                            generative_total_prec
                                                        1se
                                                                st.
                                                                             11
## 698
                                       NA_avg_temp
                                                        1se
                                                                     0.25
                                                                             19
## 699
                                                                     0.25
                   NA_fq_Maximum_temperature..31
                                                        1se
                                                                st
                                                                             20
   700
                  NA_fq_Minimum_temperature...15
                                                        1se
                                                                     0.25
                                                                             61
                                                                st
  701
                 NA_fq_Precipitation_amount..0.1
                                                                     0.25
                                                                              2
##
                                                        1se
##
  702
                  NA_fq_Precipitation_amount..40
                                                                     0.25
                                                                             61
                                                        1se
## 703
                                                                     0.25
                              NA_fq_Snow_depth..1
                                                        1se
                                                                              4
## 704
                                                                     0.25
                                                                              6
                              NA_fq_Snow_depth..4
                                                        1se
                                                                st
## 705
                                    NA_length_days
                                                        1se
                                                                     0.25
                                                                             61
## 706
                                                                     0.25
                   NA_sk_Maximum_temperature..31
                                                                             12
                                                        1se
## 707
                  NA sk Minimum temperature...15
                                                                     0.25
                                                                             61
                                                        1se
## 708
                                                                     0.25
                 NA_sk_Precipitation_amount..0.1
                                                                             61
                                                        1se
                                                                st
## 709
                  NA sk Precipitation amount..40
                                                        1se
                                                                     0.25
                                                                             61
## 710
                              NA_sk_Snow_depth..1
                                                        1se
                                                                     0.25
                                                                             61
## 711
                              NA_sk_Snow_depth..4
                                                                     0.25
                                                        1se
                                                                st.
                                                                             61
## 712
                                                                     0.25
                                     NA_total_prec
                                                        1se
                                                                             10
                                                                st
## 713
                                                                     0.25
                              vegetative_avg_temp
                                                        1se
                                                                             61
## 714
                                                                             61
           vegetative_fq_Maximum_temperature..31
                                                        1se
                                                                st.
                                                                     0.25
  715
        vegetative_fq_Precipitation_amount..0.1
                                                        1se
                                                                st.
                                                                     0.25
                                                                             61
## 716
         vegetative_fq_Precipitation_amount..40
                                                                     0.25
                                                                             61
                                                        1se
                                                                st
  717
                                                                     0.25
##
                     vegetative_fq_Snow_depth..1
                                                        1se
                                                                             61
## 718
                                                                     0.25
                     vegetative_fq_Snow_depth..4
                                                        1se
                                                                             61
## 719
                           vegetative_length_days
                                                                     0.25
                                                                             61
                                                        1se
                                                                st
## 720
                     vegetative_since_nyear_days
                                                        1se
                                                                     0.25
                                                                             3
##
  721
           vegetative_sk_Maximum_temperature..31
                                                        1se
                                                                st.
                                                                     0.25
                                                                             61
                                                                     0.25
##
  722
        vegetative_sk_Precipitation_amount..0.1
                                                        1se
                                                                             17
  723
                                                                     0.25
##
         vegetative_sk_Precipitation_amount..40
                                                                             61
                                                        1se
                                                                st
  724
##
                     vegetative sk Snow depth..1
                                                                     0.25
                                                                             61
                                                        1se
## 725
                                                                     0.25
                     vegetative_sk_Snow_depth..4
                                                        1se
                                                                             61
## 726
                            vegetative total prec
                                                        1se
                                                                     0.25
## 727
                                   critical_events
                                                                     0.25
                                                                             61
                                                        1se
                                                                st.
## 728
                                            filling
                                                                     0.25
                                                                             61
                                                        1se
## 729
                                                                     0.25
                                                                             61
                                        generative
                                                        1se
                                                                st.
## 730
                                                                     0.25
                                                NA.
                                                        1se
                                                                             61
## 731
                                                                     0.25
                                                                             61
                                        vegetative
                                                        1se
                                                                st.
  732
##
                                               area
                                                        1se
                                                                     0.25
                                                                             1
## 733
                                                                     0.50
                                  filling_avg_temp
                                                                             61
                                                        min
                                                              coef
## 734
                                                                     0.50
              filling_fq_Maximum_temperature..31
                                                        min
                                                              coef
                                                                             61
## 735
                                                                     0.50
                                                                             61
           filling_fq_Precipitation_amount..0.1
                                                        min
                                                              coef
                                                                     0.50
## 736
             filling_fq_Precipitation_amount..40
                                                       min
                                                              coef
                                                                             9
## 737
                                                                     0.50
                         filling_fq_Snow_depth..1
                                                        min
                                                              coef
                                                                             61
## 738
                              filling_length_days
                                                        min
                                                              coef
                                                                     0.50
                                                                             61
## 739
                         filling_since_nyear_days
                                                        min
                                                              coef
                                                                     0.50
                                                                             61
## 740
                                                                     0.50
                          filling_since_seed_days
                                                        min
                                                              coef
                                                                             11
## 741
              filling_sk_Maximum_temperature..31
                                                       min
                                                              coef
                                                                     0.50
                                                                             8
           filling_sk_Precipitation_amount..0.1
## 742
                                                       min
                                                              coef
                                                                     0.50
                                                                             61
## 743
             filling sk Precipitation amount..40
                                                        min
                                                              coef
                                                                     0.50
                                                                             61
```

```
## 744
                         filling_sk_Snow_depth..1
                                                       min
                                                              coef
                                                                     0.50
                                                                            61
## 745
                                                                     0.50
                                                                            18
                               filling_total_prec
                                                       min
                                                              coef
## 746
                              generative_avg_temp
                                                       min
                                                              coef
                                                                     0.50
                                                                             3
## 747
                                                                     0.50
           generative_fq_Maximum_temperature..31
                                                       min
                                                              coef
                                                                            61
##
   748
        generative_fq_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                     0.50
                                                                            61
##
  749
         generative fq Precipitation amount..40
                                                       min
                                                                     0.50
                                                              coef
                                                                             5
  750
                     generative fq Snow depth..1
                                                       min
                                                              coef
                                                                     0.50
                                                                            14
## 751
                                                                     0.50
                           generative_length_days
                                                       min
                                                              coef
                                                                            16
##
  752
                     generative_since_nyear_days
                                                       min
                                                              coef
                                                                     0.50
                                                                            61
## 753
                                                                     0.50
                      generative_since_seed_days
                                                       min
                                                              coef
                                                                            61
   754
           generative_sk_Maximum_temperature..31
                                                       min
                                                              coef
                                                                     0.50
                                                                            61
   755
                                                                     0.50
                                                                            61
##
        generative_sk_Precipitation_amount..0.1
                                                       min
                                                              coef
##
   756
         generative_sk_Precipitation_amount..40
                                                       min
                                                              coef
                                                                     0.50
                                                                             6
  757
                                                                     0.50
                                                                            21
##
                     generative_sk_Snow_depth..1
                                                       min
                                                              coef
## 758
                            generative_total_prec
                                                       min
                                                              coef
                                                                     0.50
                                                                            19
## 759
                                       NA_avg_temp
                                                       min
                                                              coef
                                                                     0.50
                                                                             7
## 760
                                                                     0.50
                   NA_fq_Maximum_temperature..31
                                                       min
                                                              coef
                                                                             1
## 761
                  NA fq Minimum temperature...15
                                                       min
                                                              coef
                                                                     0.50
                                                                            61
## 762
                                                                     0.50
                 NA_fq_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                            13
  763
                  NA fq Precipitation amount..40
                                                       min
                                                              coef
                                                                     0.50
                                                                            61
##
  764
                              NA_fq_Snow_depth..1
                                                       min
                                                              coef
                                                                     0.50
                                                                            15
## 765
                              NA_fq_Snow_depth..4
                                                       min
                                                              coef
                                                                     0.50
                                                                            17
## 766
                                                              coef
                                                                     0.50
                                                                            61
                                   NA length days
                                                       min
##
  767
                                                              coef
                                                                     0.50
                                                                             2
                   NA sk Maximum temperature..31
                                                       min
## 768
                                                                     0.50
                  NA_sk_Minimum_temperature...15
                                                       min
                                                              coef
                                                                            61
## 769
                 NA_sk_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                     0.50
                                                                            61
## 770
                  NA_sk_Precipitation_amount..40
                                                       min
                                                              coef
                                                                     0.50
                                                                            61
  771
                                                                     0.50
##
                              NA_sk_Snow_depth..1
                                                       min
                                                              coef
                                                                            61
## 772
                                                                     0.50
                              NA_sk_Snow_depth..4
                                                       min
                                                              coef
                                                                            61
## 773
                                     NA_total_prec
                                                       min
                                                              coef
                                                                     0.50
                                                                            20
## 774
                              vegetative_avg_temp
                                                       min
                                                              coef
                                                                     0.50
                                                                            61
##
  775
           vegetative_fq_Maximum_temperature..31
                                                       min
                                                              coef
                                                                     0.50
                                                                            61
                                                                     0.50
##
  776
        vegetative_fq_Precipitation_amount..0.1
                                                       min
                                                              coef
  777
         vegetative_fq_Precipitation_amount..40
                                                              coef
                                                                     0.50
##
                                                       min
                                                                            61
  778
##
                     vegetative_fq_Snow_depth..1
                                                       min
                                                              coef
                                                                     0.50
                                                                            61
## 779
                                                       min
                                                                     0.50
                     vegetative_fq_Snow_depth..4
                                                              coef
                                                                            61
## 780
                           vegetative length days
                                                       min
                                                              coef
                                                                     0.50
## 781
                     vegetative_since_nyear_days
                                                       min
                                                              coef
                                                                     0.50
                                                                            10
##
  782
           vegetative_sk_Maximum_temperature..31
                                                              coef
                                                                     0.50
                                                                            61
                                                       min
##
  783
        vegetative_sk_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                     0.50
                                                                            12
   784
                                                       min
                                                              coef
                                                                     0.50
                                                                            61
         vegetative sk Precipitation amount..40
##
  785
                     vegetative sk Snow depth..1
                                                       min
                                                              coef
                                                                     0.50
                                                                            61
  786
                                                                     0.50
##
                     vegetative_sk_Snow_depth..4
                                                       min
                                                              coef
                                                                            61
## 787
                                                       min
                                                                     0.50
                            vegetative_total_prec
                                                              coef
                                                                            22
## 788
                                                                     0.50
                                   critical_events
                                                       min
                                                              coef
                                                                            61
## 789
                                                                     0.50
                                            filling
                                                       min
                                                              coef
                                                                            61
## 790
                                                                     0.50
                                        generative
                                                       min
                                                              coef
                                                                            61
## 791
                                                                     0.50
                                                                             61
                                                NA.
                                                       min
                                                              coef
## 792
                                        vegetative
                                                       min
                                                              coef
                                                                     0.50
                                                                            61
## 793
                                                       min
                                                              coef
                                                                     0.50
                                                                             4
                                               area
## 794
                                                                    0.50
                                                                             3
                                 filling_avg_temp
                                                       min
                                                                s1
## 795
              filling fq Maximum temperature..31
                                                       min
                                                                     0.50
                                                                            61
## 796
           filling_fq_Precipitation_amount..0.1
                                                       min
                                                                     0.50
                                                                            61
                                                                s1
## 797
             filling fq Precipitation amount..40
                                                       min
                                                                s1
                                                                    0.50
                                                                            28
```

```
## 798
                         filling_fq_Snow_depth..1
                                                       min
                                                                    0.50
                                                                            29
## 799
                                                                    0.50
                                                                            19
                              filling_length_days
                                                       min
                                                                s1
## 800
                         filling since nyear days
                                                       min
                                                                    0.50
                                                                            61
## 801
                                                                    0.50
                          filling_since_seed_days
                                                                            16
                                                       min
  802
              filling_sk_Maximum_temperature..31
                                                       min
                                                                    0.50
                                                                            15
  803
           filling sk Precipitation amount..0.1
                                                                    0.50
##
                                                       min
                                                                            61
## 804
                                                                    0.50
            filling_sk_Precipitation_amount..40
                                                       min
                                                                s1
                                                                            61
## 805
                                                                    0.50
                         filling_sk_Snow_depth..1
                                                       min
                                                                s1
                                                                            25
##
  806
                               filling_total_prec
                                                       min
                                                                    0.50
                                                                            21
## 807
                                                                    0.50
                              generative_avg_temp
                                                       min
                                                                             5
   808
          generative_fq_Maximum_temperature..31
                                                       min
                                                                    0.50
                                                                            26
                                                                s1
   809
        generative_fq_Precipitation_amount..0.1
                                                                    0.50
                                                                            61
##
                                                       min
##
   810
         generative_fq_Precipitation_amount..40
                                                                    0.50
                                                                            22
                                                       min
## 811
                     generative_fq_Snow_depth..1
                                                                    0.50
                                                       min
                                                                            31
## 812
                                                                    0.50
                                                                            27
                           generative_length_days
                                                       min
                                                                s1
## 813
                     generative_since_nyear_days
                                                       min
                                                                    0.50
## 814
                                                                    0.50
                      generative_since_seed_days
                                                                            61
                                                       min
##
  815
          generative sk Maximum temperature..31
                                                                    0.50
                                                                            23
                                                       min
  816
                                                                    0.50
                                                                            35
##
        generative_sk_Precipitation_amount..0.1
                                                       min
                                                                s1
##
  817
         generative_sk_Precipitation_amount..40
                                                       min
                                                                    0.50
                                                                            30
##
  818
                     generative_sk_Snow_depth..1
                                                       min
                                                                    0.50
                                                                            32
## 819
                            generative_total_prec
                                                                    0.50
                                                                             8
                                                       min
## 820
                                                                    0.50
                                                                             4
                                       NA_avg_temp
                                                       min
                                                                s1
## 821
                                                                    0.50
                   NA fq Maximum temperature..31
                                                       min
                                                                            12
## 822
                                                                    0.50
                                                                            61
                  NA_fq_Minimum_temperature...15
                                                       min
                                                                ร1
  823
                 NA_fq_Precipitation_amount..0.1
                                                       min
                                                                s1
                                                                    0.50
                                                                             2
## 824
                  NA_fq_Precipitation_amount..40
                                                                    0.50
                                                                            61
                                                       min
                                                                s1
   825
                                                                    0.50
                              NA_fq_Snow_depth..1
                                                       min
                                                                            11
## 826
                                                                    0.50
                                                                            24
                              NA_fq_Snow_depth..4
                                                       min
## 827
                                   NA_length_days
                                                                    0.50
                                                                            61
                                                       min
                                                                s1
## 828
                   NA_sk_Maximum_temperature..31
                                                       min
                                                                    0.50
                                                                            33
## 829
                  NA_sk_Minimum_temperature...15
                                                       min
                                                                    0.50
                                                                            61
## 830
                                                                    0.50
                 NA_sk_Precipitation_amount..0.1
                                                       min
                                                                            17
## 831
                                                                    0.50
                  NA_sk_Precipitation_amount..40
                                                                            61
                                                       min
                                                                s1
## 832
                              NA sk Snow depth..1
                                                                    0.50
                                                                             6
                                                       min
## 833
                                                                    0.50
                              NA_sk_Snow_depth..4
                                                       min
                                                                            61
## 834
                                     NA total prec
                                                       min
                                                                    0.50
## 835
                                                                    0.50
                                                                            61
                              vegetative_avg_temp
                                                       min
                                                                s1
## 836
           vegetative_fq_Maximum_temperature..31
                                                                    0.50
                                                       min
##
  837
                                                                    0.50
                                                                             9
        vegetative_fq_Precipitation_amount..0.1
                                                       min
   838
                                                                    0.50
         vegetative_fq_Precipitation_amount..40
                                                       min
                                                                            34
## 839
                     vegetative_fq_Snow_depth..1
                                                                    0.50
                                                                            61
                                                       min
                                                                s1
  840
                                                                    0.50
##
                     vegetative_fq_Snow_depth..4
                                                       min
                                                                            61
## 841
                                                                    0.50
                           vegetative_length_days
                                                                            61
                                                       min
## 842
                                                                    0.50
                     vegetative_since_nyear_days
                                                       min
                                                                s1
                                                                            18
## 843
                                                                    0.50
           vegetative_sk_Maximum_temperature..31
                                                                            61
                                                       min
                                                                s1
                                                                    0.50
##
   844
        vegetative_sk_Precipitation_amount..0.1
                                                       min
                                                                            10
## 845
                                                                    0.50
                                                                            36
         vegetative_sk_Precipitation_amount..40
                                                       min
                     {\tt vegetative\_sk\_Snow\_depth..1}
## 846
                                                       min
                                                                    0.50
                                                                            61
                                                                s1
## 847
                     vegetative_sk_Snow_depth..4
                                                       min
                                                                    0.50
                                                                            61
  848
                                                                    0.50
                                                                            20
##
                            vegetative_total_prec
                                                       min
## 849
                                  critical_events
                                                       min
                                                                    0.50
                                                                            61
## 850
                                           filling
                                                                    0.50
                                                                            13
                                                       min
                                                                s1
## 851
                                        generative
                                                                    0.50
                                                                            61
                                                       min
```

```
7
## 852
                                               NA.
                                                       min
                                                                    0.50
## 853
                                        vegetative
                                                                    0.50
                                                                            61
                                                       min
                                                                s1
## 854
                                              area
                                                       min
                                                                    0.50
                                                                             1
## 855
                                                                    0.50
                                                                            22
                                 filling_avg_temp
                                                       min
##
  856
              filling_fq_Maximum_temperature..31
                                                       min
                                                                    0.50
                                                                            61
## 857
           filling fq Precipitation amount..0.1
                                                                    0.50
                                                       min
                                                                            61
            filling_fq_Precipitation_amount..40
## 858
                                                                    0.50
                                                       min
                                                                st
                                                                            24
## 859
                                                                    0.50
                        filling_fq_Snow_depth..1
                                                       min
                                                                st.
                                                                            16
## 860
                              filling_length_days
                                                       min
                                                                    0.50
                                                                            11
## 861
                                                                    0.50
                        filling_since_nyear_days
                                                       min
                                                                st
                                                                            61
  862
                          filling_since_seed_days
                                                       min
                                                                    0.50
                                                                            18
                                                                st
## 863
              filling_sk_Maximum_temperature..31
                                                                    0.50
                                                                            25
                                                       min
##
  864
           filling_sk_Precipitation_amount..0.1
                                                       min
                                                                    0.50
                                                                            61
## 865
                                                                    0.50
            filling_sk_Precipitation_amount..40
                                                       min
## 866
                        filling_sk_Snow_depth..1
                                                                    0.50
                                                       min
                                                                st
                                                                            19
## 867
                               filling_total_prec
                                                       min
                                                                    0.50
                                                                            10
## 868
                                                                    0.50
                                                                             4
                              generative_avg_temp
                                                       min
##
   869
          generative_fq_Maximum_temperature..31
                                                                    0.50
                                                       min
##
  870
        generative_fq_Precipitation_amount..0.1
                                                                    0.50
                                                                            61
                                                       min
                                                                st
##
  871
         generative_fq_Precipitation_amount..40
                                                       min
                                                                    0.50
                                                                            21
##
  872
                     generative_fq_Snow_depth..1
                                                       min
                                                                    0.50
                                                                            23
## 873
                           generative_length_days
                                                                    0.50
                                                       min
                                                                st
## 874
                                                                    0.50
                     generative since nyear days
                                                       min
                                                                            61
                                                                st
## 875
                                                                    0.50
                      generative_since_seed_days
                                                       min
                                                                            61
## 876
                                                                    0.50
           generative_sk_Maximum_temperature..31
                                                       min
                                                                st.
                                                                            17
  877
        generative_sk_Precipitation_amount..0.1
                                                       min
                                                                st.
                                                                    0.50
                                                                            34
## 878
         generative_sk_Precipitation_amount..40
                                                                    0.50
                                                                            26
                                                       min
                                                                st
   879
                                                                    0.50
##
                     generative_sk_Snow_depth..1
                                                       min
                                                                            33
## 880
                                                                    0.50
                            generative_total_prec
                                                                             8
                                                       min
## 881
                                       NA_avg_temp
                                                                    0.50
                                                                             3
                                                       min
                                                                st
## 882
                   NA_fq_Maximum_temperature..31
                                                       min
                                                                    0.50
                                                                            15
## 883
                  NA_fq_Minimum_temperature...15
                                                       min
                                                                    0.50
                                                                            61
## 884
                                                                    0.50
                 NA_fq_Precipitation_amount..0.1
                                                       min
                                                                             2
## 885
                                                                    0.50
                  NA_fq_Precipitation_amount..40
                                                                            61
                                                       min
                                                                st
  886
                              NA_fq_Snow_depth..1
                                                                    0.50
                                                                            12
                                                       min
##
  887
                                                                    0.50
                                                                            32
                              NA_fq_Snow_depth..4
                                                       min
## 888
                                   NA length days
                                                       min
                                                                    0.50
## 889
                   NA_sk_Maximum_temperature..31
                                                                    0.50
                                                                            27
                                                       min
                                                                st.
## 890
                  NA_sk_Minimum_temperature...15
                                                                    0.50
                                                       min
## 891
                                                                    0.50
                 NA_sk_Precipitation_amount..0.1
                                                       min
                                                                            13
  892
                                                                    0.50
                  NA sk Precipitation amount..40
                                                       min
                                                                            61
## 893
                              NA_sk_Snow_depth..1
                                                                    0.50
                                                                            28
                                                       min
                                                                st.
   894
                                                                    0.50
##
                              NA_sk_Snow_depth..4
                                                       min
                                                                            61
  895
                                                                    0.50
##
                                     NA_total_prec
                                                       min
                                                                             6
## 896
                                                                    0.50
                              vegetative_avg_temp
                                                       min
                                                                st
                                                                            61
## 897
                                                                    0.50
          vegetative_fq_Maximum_temperature..31
                                                                            61
                                                       min
                                                                st
                                                                    0.50
##
  898
        vegetative_fq_Precipitation_amount..0.1
                                                       min
                                                                             9
## 899
                                                                    0.50
                                                                            35
         vegetative_fq_Precipitation_amount..40
                                                       min
## 900
                     vegetative_fq_Snow_depth..1
                                                       min
                                                                    0.50
                                                                            61
                                                                st.
## 901
                     vegetative_fq_Snow_depth..4
                                                       min
                                                                    0.50
## 902
                                                                    0.50
                           vegetative_length_days
                                                                            61
                                                       min
## 903
                                                                    0.50
                     vegetative since nyear days
                                                       min
                                                                             5
## 904
          vegetative_sk_Maximum_temperature..31
                                                                    0.50
                                                                            61
                                                       min
                                                                st
## 905
        vegetative sk Precipitation amount..0.1
                                                                    0.50
                                                                            29
                                                       min
```

```
## 906
         vegetative_sk_Precipitation_amount..40
                                                                     0.50
                                                                            36
                                                       min
## 907
                                                                     0.50
                                                                            61
                     vegetative_sk_Snow_depth..1
                                                       min
## 908
                     vegetative sk Snow depth..4
                                                       min
                                                                     0.50
                                                                            61
## 909
                                                                     0.50
                            vegetative_total_prec
                                                                            20
                                                       min
                                                                st
## 910
                                   critical_events
                                                       min
                                                                     0.50
                                                                            61
## 911
                                                                     0.50
                                           filling
                                                       min
                                                                st.
                                                                            14
## 912
                                                                     0.50
                                        generative
                                                       min
                                                                st
                                                                            61
## 913
                                                                     0.50
                                                NA.
                                                       min
                                                                st.
                                                                             7
## 914
                                        vegetative
                                                       min
                                                                     0.50
                                                                            61
## 915
                                                                     0.50
                                              area
                                                       min
                                                                st
                                                                             1
## 916
                                 filling_avg_temp
                                                       1se
                                                              coef
                                                                     0.50
                                                                            61
## 917
              filling_fq_Maximum_temperature..31
                                                                     0.50
                                                       1se
                                                              coef
                                                                            61
## 918
           filling_fq_Precipitation_amount..0.1
                                                              coef
                                                                     0.50
                                                                            61
                                                       1se
## 919
                                                                     0.50
             filling_fq_Precipitation_amount..40
                                                       1se
                                                              coef
## 920
                         filling_fq_Snow_depth..1
                                                                     0.50
                                                       1se
                                                              coef
                                                                            61
## 921
                              filling_length_days
                                                       1se
                                                              coef
                                                                     0.50
                                                                            61
## 922
                                                                     0.50
                         filling_since_nyear_days
                                                       1se
                                                              coef
                                                                            61
## 923
                                                                     0.50
                          filling since seed days
                                                       1se
                                                              coef
                                                                             5
## 924
                                                       1se
                                                                     0.50
              filling_sk_Maximum_temperature..31
                                                              coef
                                                                            61
## 925
           filling sk Precipitation amount..0.1
                                                       1se
                                                              coef
                                                                     0.50
## 926
            filling_sk_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                     0.50
                                                                            61
## 927
                         filling_sk_Snow_depth..1
                                                       1se
                                                              coef
                                                                     0.50
                                                                            61
## 928
                                                              coef
                                                                     0.50
                               filling_total_prec
                                                       1se
                                                                            15
## 929
                                                              coef
                                                                     0.50
                                                                             3
                              generative_avg_temp
                                                       1se
## 930
                                                                     0.50
           generative_fq_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                            61
## 931
        generative_fq_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                     0.50
                                                                            61
## 932
         generative_fq_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                     0.50
                                                                            14
  933
                                                                     0.50
##
                     generative_fq_Snow_depth..1
                                                       1se
                                                              coef
                                                                             8
## 934
                                                                     0.50
                           generative_length_days
                                                       1se
                                                              coef
                                                                             6
## 935
                     generative_since_nyear_days
                                                       1se
                                                              coef
                                                                     0.50
                                                                            61
## 936
                       generative_since_seed_days
                                                       1se
                                                              coef
                                                                     0.50
                                                                            61
## 937
           generative_sk_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                     0.50
                                                                            61
                                                                     0.50
##
  938
        generative_sk_Precipitation_amount..0.1
                                                       1se
                                                              coef
## 939
                                                              coef
                                                                     0.50
         generative_sk_Precipitation_amount..40
                                                       1se
                                                                            11
## 940
                     generative sk Snow depth..1
                                                       1se
                                                              coef
                                                                     0.50
## 941
                                                                     0.50
                                                                            12
                            generative_total_prec
                                                       1se
                                                              coef
## 942
                                       NA_avg_temp
                                                       1se
                                                              coef
                                                                     0.50
                                                                             2
## 943
                   NA_fq_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                     0.50
                                                                            61
## 944
                  NA_fq_Minimum_temperature...15
                                                              coef
                                                                     0.50
                                                       1se
## 945
                                                              coef
                                                                     0.50
                                                                             7
                 NA_fq_Precipitation_amount..0.1
                                                       1se
## 946
                                                              coef
                                                                     0.50
                  NA fq Precipitation amount..40
                                                       1se
                                                                            61
## 947
                              NA_fq_Snow_depth..1
                                                       1se
                                                              coef
                                                                     0.50
                                                                            13
## 948
                                                                     0.50
                              NA_fq_Snow_depth..4
                                                       1se
                                                              coef
                                                                             9
## 949
                                                                     0.50
                                   NA_length_days
                                                       1se
                                                              coef
                                                                            61
## 950
                                                                     0.50
                   NA_sk_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                            16
## 951
                                                                     0.50
                  NA_sk_Minimum_temperature...15
                                                              coef
                                                                            61
                                                       1se
## 952
                                                                     0.50
                 NA_sk_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                            61
## 953
                                                                     0.50
                  NA_sk_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                            61
## 954
                              NA_sk_Snow_depth..1
                                                       1se
                                                              coef
                                                                     0.50
                                                                            61
## 955
                              NA_sk_Snow_depth..4
                                                       1se
                                                              coef
                                                                     0.50
                                                                            61
## 956
                                                                     0.50
                                     NA_total_prec
                                                       1se
                                                              coef
                                                                            61
## 957
                                                                     0.50
                              vegetative_avg_temp
                                                       1se
                                                              coef
                                                                            61
## 958
           vegetative_fq_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                     0.50
                                                                            61
## 959
        vegetative fq Precipitation amount..0.1
                                                       1se
                                                              coef
                                                                    0.50
                                                                            61
```

```
## 960
         vegetative_fq_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                    0.50
                                                                            61
## 961
                                                                    0.50
                                                                            61
                     vegetative_fq_Snow_depth..1
                                                       1se
                                                              coef
## 962
                     vegetative fq Snow depth..4
                                                       1se
                                                              coef
                                                                    0.50
                                                                            61
## 963
                                                                    0.50
                           vegetative_length_days
                                                       1se
                                                                            61
                                                              coef
                     vegetative_since_nyear_days
## 964
                                                       1se
                                                              coef
                                                                    0.50
                                                                             4
  965
          vegetative sk Maximum temperature..31
                                                                    0.50
##
                                                       1se
                                                              coef
                                                                            61
  966
        vegetative sk Precipitation amount..0.1
                                                                    0.50
                                                       1se
                                                              coef
                                                                            61
## 967
                                                                    0.50
         vegetative_sk_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                            61
  968
                     vegetative_sk_Snow_depth..1
                                                       1se
                                                              coef
                                                                    0.50
                                                                            61
## 969
                                                                    0.50
                     vegetative_sk_Snow_depth..4
                                                       1se
                                                              coef
                                                                            61
## 970
                            vegetative_total_prec
                                                       1se
                                                              coef
                                                                    0.50
                                                                            61
## 971
                                  critical_events
                                                                    0.50
                                                       1se
                                                              coef
                                                                            61
## 972
                                                                    0.50
                                           filling
                                                       1se
                                                              coef
                                                                            61
## 973
                                                                    0.50
                                        generative
                                                       1se
                                                              coef
## 974
                                                              coef
                                                                    0.50
                                                NA.
                                                       1se
                                                                            61
## 975
                                        vegetative
                                                       1se
                                                              coef
                                                                    0.50
                                                                            61
## 976
                                                                    0.50
                                                       1se
                                                              coef
                                                                             1
                                              area
                                                                    0.50
## 977
                                 filling_avg_temp
                                                       1se
                                                                s1
## 978
                                                                    0.50
              filling_fq_Maximum_temperature..31
                                                       1se
                                                                            61
                                                                s1
## 979
           filling_fq_Precipitation_amount..0.1
                                                       1se
                                                                    0.50
## 980
            filling_fq_Precipitation_amount..40
                                                       1se
                                                                    0.50
                                                                            61
## 981
                                                                    0.50
                         filling_fq_Snow_depth..1
                                                       1se
                                                                            61
## 982
                                                                    0.50
                              filling_length_days
                                                       1se
                                                                s1
                                                                            61
## 983
                                                                    0.50
                         filling since nyear days
                                                       1se
                                                                            61
## 984
                                                                s1
                                                                    0.50
                          filling_since_seed_days
                                                       1se
                                                                             9
## 985
              filling_sk_Maximum_temperature..31
                                                       1se
                                                                s1
                                                                    0.50
                                                                            61
## 986
           filling_sk_Precipitation_amount..0.1
                                                                    0.50
                                                                            61
                                                       1se
                                                                s1
## 987
                                                                    0.50
            filling_sk_Precipitation_amount..40
                                                       1se
                                                                            61
## 988
                                                                    0.50
                         filling_sk_Snow_depth..1
                                                       1se
## 989
                               filling_total_prec
                                                       1se
                                                                    0.50
                                                                s1
                                                                            11
## 990
                              generative_avg_temp
                                                       1se
                                                                s1
                                                                    0.50
## 991
           generative_fq_Maximum_temperature..31
                                                       1se
                                                                s1
                                                                    0.50
                                                                            61
                                                                    0.50
## 992
        generative_fq_Precipitation_amount..0.1
                                                       1se
## 993
                                                                    0.50
         generative_fq_Precipitation_amount..40
                                                                            61
                                                       1se
                                                                s1
## 994
                                                                            13
                     generative_fq_Snow_depth..1
                                                       1se
                                                                    0.50
## 995
                                                                    0.50
                           generative_length_days
                                                       1se
                                                                             8
## 996
                     generative since nyear days
                                                       1se
                                                                    0.50
## 997
                      generative_since_seed_days
                                                                    0.50
                                                                            61
                                                       1se
                                                                s1
## 998
           generative_sk_Maximum_temperature..31
                                                                    0.50
                                                       1se
##
  999
        generative_sk_Precipitation_amount..0.1
                                                                    0.50
                                                                            61
                                                       1se
                                                                s1
  1000
                                                                    0.50
                                                                            61
         generative sk Precipitation amount..40
                                                       1se
## 1001
                     generative_sk_Snow_depth..1
                                                                    0.50
                                                                             7
                                                       1se
                                                                s1
## 1002
                                                                    0.50
                            generative_total_prec
                                                       1se
                                                                             5
## 1003
                                                                    0.50
                                                                             4
                                       NA_avg_temp
                                                       1se
## 1004
                                                                    0.50
                   NA_fq_Maximum_temperature..31
                                                       1se
                                                                s1
                                                                            61
## 1005
                                                                    0.50
                                                                            61
                  NA_fq_Minimum_temperature...15
                                                       1se
                                                                s1
                                                                    0.50
## 1006
                 NA_fq_Precipitation_amount..0.1
                                                       1se
                                                                             2
## 1007
                                                                    0.50
                  NA_fq_Precipitation_amount..40
                                                       1se
                                                                            61
## 1008
                              NA_fq_Snow_depth..1
                                                       1se
                                                                s1
                                                                    0.50
                                                                            12
## 1009
                                                                             3
                              NA_fq_Snow_depth..4
                                                       1se
                                                                    0.50
## 1010
                                                                    0.50
                                                                            61
                                   NA_length_days
                                                       1se
## 1011
                   NA_sk_Maximum_temperature..31
                                                       1se
                                                                    0.50
                                                                            61
## 1012
                  NA_sk_Minimum_temperature...15
                                                                    0.50
                                                                            61
                                                       1se
                                                                s1
## 1013
                 NA sk Precipitation amount..0.1
                                                       1se
                                                                s1
                                                                    0.50
```

```
## 1014
                  NA sk Precipitation amount..40
                                                       1se
                                                                    0.50
                                                                            61
## 1015
                                                                    0.50
                                                                            61
                              NA_sk_Snow_depth..1
                                                       1se
                                                                s1
## 1016
                              NA sk Snow depth..4
                                                       1se
                                                                    0.50
                                                                            61
## 1017
                                                                    0.50
                                     NA_total_prec
                                                       1se
                                                                            61
## 1018
                              vegetative_avg_temp
                                                       1se
                                                                    0.50
                                                                            61
## 1019
                                                                    0.50
           vegetative fq Maximum temperature..31
                                                       1se
                                                                            61
## 1020
        vegetative fq Precipitation amount..0.1
                                                                    0.50
                                                       1se
                                                                s1
                                                                            61
                                                                    0.50
## 1021
         vegetative_fq_Precipitation_amount..40
                                                       1se
                                                                s1
                                                                            61
## 1022
                     vegetative_fq_Snow_depth..1
                                                       1se
                                                                    0.50
                                                                            61
## 1023
                                                                    0.50
                     vegetative_fq_Snow_depth..4
                                                       1se
                                                                            61
## 1024
                           vegetative_length_days
                                                       1se
                                                                s1
                                                                    0.50
                                                                            61
## 1025
                                                                    0.50
                                                                             6
                     vegetative_since_nyear_days
                                                       1se
                                                                s1
## 1026
           vegetative_sk_Maximum_temperature..31
                                                                    0.50
                                                                            61
                                                       1se
                                                                    0.50
## 1027
        vegetative_sk_Precipitation_amount..0.1
                                                       1se
## 1028
         vegetative_sk_Precipitation_amount..40
                                                                    0.50
                                                       1se
                                                                s1
                                                                            61
## 1029
                     vegetative_sk_Snow_depth..1
                                                       1se
                                                                    0.50
                                                                            61
## 1030
                                                                    0.50
                     vegetative_sk_Snow_depth..4
                                                                            61
                                                       1se
## 1031
                            vegetative total prec
                                                                    0.50
                                                       1se
## 1032
                                  critical_events
                                                                    0.50
                                                       1se
                                                                s1
                                                                            61
## 1033
                                           filling
                                                       1se
                                                                    0.50
## 1034
                                        generative
                                                       1se
                                                                    0.50
## 1035
                                                                    0.50
                                               NA.
                                                       1se
## 1036
                                                                    0.50
                                        vegetative
                                                       1se
                                                                s1
                                                                            61
## 1037
                                                                    0.50
                                              area
                                                       1se
                                                                             1
## 1038
                                                                    0.50
                                 filling_avg_temp
                                                       1se
                                                                st.
                                                                            61
## 1039
              filling_fq_Maximum_temperature..31
                                                       1se
                                                                st
                                                                    0.50
                                                                            61
## 1040
           filling_fq_Precipitation_amount..0.1
                                                                    0.50
                                                                            61
                                                       1se
                                                                st
## 1041
                                                                    0.50
             filling_fq_Precipitation_amount..40
                                                       1se
                                                                            61
## 1042
                                                                    0.50
                         filling_fq_Snow_depth..1
                                                       1se
## 1043
                              filling_length_days
                                                                    0.50
                                                                            61
                                                       1se
                                                                st
## 1044
                         filling_since_nyear_days
                                                       1se
                                                                    0.50
                                                                            61
## 1045
                          filling_since_seed_days
                                                       1se
                                                                    0.50
                                                                            10
## 1046
                                                                    0.50
              filling_sk_Maximum_temperature..31
                                                       1se
## 1047
                                                                    0.50
           filling_sk_Precipitation_amount..0.1
                                                                            61
                                                       1se
                                                                st
## 1048
             filling_sk_Precipitation_amount..40
                                                       1se
                                                                    0.50
## 1049
                         filling_sk_Snow_depth..1
                                                                    0.50
                                                       1se
                                                                            61
## 1050
                               filling total prec
                                                       1se
                                                                    0.50
                                                                            12
## 1051
                                                                    0.50
                                                                             9
                              generative_avg_temp
                                                       1se
                                                                st.
## 1052
          generative_fq_Maximum_temperature..31
                                                                    0.50
                                                       1se
## 1053
        generative_fq_Precipitation_amount..0.1
                                                                    0.50
                                                                            61
                                                       1se
                                                                st.
## 1054
                                                                    0.50
         generative fq Precipitation amount..40
                                                       1se
                                                                            61
## 1055
                     generative_fq_Snow_depth..1
                                                                    0.50
                                                       1se
                                                                            11
## 1056
                                                                    0.50
                           generative_length_days
                                                       1se
                                                                             8
## 1057
                                                                    0.50
                     generative_since_nyear_days
                                                       1se
                                                                            61
## 1058
                                                                    0.50
                      generative_since_seed_days
                                                       1se
                                                                st
                                                                            61
## 1059
                                                                    0.50
           generative_sk_Maximum_temperature..31
                                                                            61
                                                       1se
                                                                st
                                                                    0.50
## 1060
        generative_sk_Precipitation_amount..0.1
                                                       1se
                                                                            61
## 1061
                                                                    0.50
                                                                            61
         generative_sk_Precipitation_amount..40
                                                       1se
## 1062
                     generative_sk_Snow_depth..1
                                                       1se
                                                                st.
                                                                    0.50
                                                                             7
## 1063
                                                                    0.50
                            generative_total_prec
                                                       1se
                                                                             6
## 1064
                                                                    0.50
                                                                             4
                                       NA_avg_temp
                                                       1se
## 1065
                   NA_fq_Maximum_temperature..31
                                                       1se
                                                                    0.50
                                                                            61
## 1066
                  NA_fq_Minimum_temperature...15
                                                                    0.50
                                                                            61
                                                       1se
                                                                st
## 1067
                 NA fg Precipitation amount..0.1
                                                       1se
                                                                    0.50
                                                                             3
```

```
## 1068
                  NA_fq_Precipitation_amount..40
                                                       1se
                                                                     0.50
                                                                            61
## 1069
                                                                     0.50
                                                                            13
                              NA_fq_Snow_depth..1
                                                       1se
## 1070
                              NA fq Snow depth..4
                                                       1se
                                                                     0.50
                                                                             5
## 1071
                                                                     0.50
                                    NA_length_days
                                                                            61
                                                       1se
## 1072
                   NA_sk_Maximum_temperature..31
                                                       1se
                                                                     0.50
                                                                            61
## 1073
                  NA sk Minimum temperature...15
                                                                    0.50
                                                       1se
                                                                            61
## 1074
                 NA sk Precipitation amount..0.1
                                                                     0.50
                                                       1se
                                                                st
                                                                            61
                  NA_sk_Precipitation_amount..40
## 1075
                                                                     0.50
                                                       1se
                                                                st.
                                                                            61
## 1076
                              NA_sk_Snow_depth..1
                                                       1se
                                                                     0.50
                                                                            61
## 1077
                                                                     0.50
                              NA_sk_Snow_depth..4
                                                       1se
                                                                st
                                                                            61
## 1078
                                     NA_total_prec
                                                       1se
                                                                     0.50
                                                                            61
                                                                st
## 1079
                                                                     0.50
                              vegetative_avg_temp
                                                       1se
                                                                            61
                                                                     0.50
## 1080
           vegetative_fq_Maximum_temperature..31
                                                       1se
                                                                            61
## 1081
        vegetative_fq_Precipitation_amount..0.1
                                                                     0.50
                                                       1se
## 1082
         vegetative_fq_Precipitation_amount..40
                                                                     0.50
                                                       1se
                                                                st
                                                                            61
## 1083
                     vegetative_fq_Snow_depth..1
                                                       1se
                                                                     0.50
                                                                            61
## 1084
                     vegetative_fq_Snow_depth..4
                                                                     0.50
                                                       1se
                                                                            61
## 1085
                           vegetative length days
                                                       1se
                                                                     0.50
                                                                            61
                     vegetative_since_nyear_days
## 1086
                                                                     0.50
                                                                             2
                                                       1se
                                                                st
## 1087
           vegetative sk Maximum temperature..31
                                                       1se
                                                                     0.50
                                                                            61
## 1088
        vegetative_sk_Precipitation_amount..0.1
                                                       1se
                                                                     0.50
                                                                            61
## 1089
         vegetative sk Precipitation amount..40
                                                                     0.50
                                                       1se
                                                                st
## 1090
                     vegetative_sk_Snow_depth..1
                                                                    0.50
                                                       1se
                                                                st
                                                                            61
## 1091
                     vegetative sk Snow depth..4
                                                                     0.50
                                                       1se
                                                                            61
## 1092
                                                                     0.50
                                                                            61
                            vegetative_total_prec
                                                       1se
                                                                st.
## 1093
                                   critical_events
                                                       1se
                                                                st
                                                                     0.50
                                                                            61
## 1094
                                           filling
                                                       1se
                                                                     0.50
                                                                            61
                                                                st
## 1095
                                                                     0.50
                                        generative
                                                       1se
                                                                            61
## 1096
                                                                     0.50
                                                NA.
                                                       1se
                                                                st
                                                                            61
## 1097
                                                                     0.50
                                        vegetative
                                                       1se
                                                                st
                                                                            61
## 1098
                                               area
                                                       1se
                                                                st
                                                                     0.50
                                                                             1
## 1099
                                 filling_avg_temp
                                                       min
                                                              coef
                                                                     0.75
                                                                             4
## 1100
                                                                     0.75
              filling_fq_Maximum_temperature..31
                                                       min
                                                              coef
## 1101
           filling_fq_Precipitation_amount..0.1
                                                                     0.75
                                                       min
                                                              coef
                                                                            61
## 1102
             filling_fq_Precipitation_amount..40
                                                       min
                                                              coef
                                                                     0.75
                                                                             9
## 1103
                                                       min
                                                                     0.75
                                                                            17
                         filling_fq_Snow_depth..1
                                                              coef
## 1104
                              filling length days
                                                       min
                                                              coef
                                                                     0.75
                                                                            23
## 1105
                         filling_since_nyear_days
                                                       min
                                                              coef
                                                                     0.75
                                                                            61
## 1106
                          filling_since_seed_days
                                                              coef
                                                                     0.75
                                                                            61
                                                       min
## 1107
              filling_sk_Maximum_temperature..31
                                                       min
                                                              coef
                                                                     0.75
                                                                            20
## 1108
           filling sk Precipitation amount..0.1
                                                       min
                                                              coef
                                                                     0.75
                                                                            61
## 1109
             filling_sk_Precipitation_amount..40
                                                       min
                                                              coef
                                                                     0.75
                                                                            61
                                                              coef
                                                                     0.75
## 1110
                         filling_sk_Snow_depth..1
                                                       min
                                                                            37
## 1111
                                                       min
                                                                     0.75
                               filling_total_prec
                                                              coef
                                                                            30
## 1112
                                                                     0.75
                              generative_avg_temp
                                                       min
                                                              coef
                                                                             2
                                                                     0.75
## 1113
           generative_fq_Maximum_temperature..31
                                                              coef
                                                                             5
                                                       min
                                                                     0.75
## 1114
        generative_fq_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                            29
         generative_fq_Precipitation_amount..40
                                                                     0.75
                                                                             3
## 1115
                                                       min
                                                              coef
                     {\tt generative\_fq\_Snow\_depth..1}
                                                              coef
## 1116
                                                       min
                                                                     0.75
                                                                            36
## 1117
                           generative_length_days
                                                       min
                                                              coef
                                                                     0.75
                                                                            41
## 1118
                                                                     0.75
                     generative_since_nyear_days
                                                       min
                                                              coef
                                                                            61
## 1119
                                                                     0.75
                      generative since seed days
                                                       min
                                                              coef
                                                                            61
                                                              coef
## 1120
          generative_sk_Maximum_temperature..31
                                                       min
                                                                     0.75
                                                                            12
## 1121 generative sk Precipitation amount..0.1
                                                       min
                                                              coef
                                                                    0.75
                                                                            27
```

```
## 1122
         generative_sk_Precipitation_amount..40
                                                       min
                                                              coef
                                                                    0.75
                                                                            19
## 1123
                                                       min
                                                                    0.75
                                                                            39
                     generative_sk_Snow_depth..1
                                                              coef
## 1124
                            generative total prec
                                                       min
                                                              coef
                                                                    0.75
                                                                            32
## 1125
                                                              coef
                                                                    0.75
                                       NA_avg_temp
                                                       min
                                                                             6
## 1126
                   NA_fq_Maximum_temperature..31
                                                       min
                                                              coef
                                                                    0.75
                                                                             7
## 1127
                  NA fq Minimum temperature...15
                                                       min
                                                              coef
                                                                    0.75
                                                                            61
## 1128
                 NA fg Precipitation amount..0.1
                                                       min
                                                              coef
                                                                    0.75
                                                                            22
## 1129
                  NA_fq_Precipitation_amount..40
                                                                    0.75
                                                       min
                                                              coef
                                                                            38
## 1130
                              NA_fq_Snow_depth..1
                                                       min
                                                              coef
                                                                    0.75
                                                                            25
## 1131
                                                                    0.75
                              NA_fq_Snow_depth..4
                                                       min
                                                              coef
                                                                            31
## 1132
                                    NA_length_days
                                                       min
                                                              coef
                                                                    0.75
## 1133
                                                                    0.75
                   NA_sk_Maximum_temperature..31
                                                       min
                                                              coef
                                                                             1
## 1134
                  NA_sk_Minimum_temperature...15
                                                       min
                                                              coef
                                                                    0.75
                                                                            61
## 1135
                 NA_sk_Precipitation_amount..0.1
                                                                    0.75
                                                       min
                                                              coef
                                                                            21
## 1136
                  NA_sk_Precipitation_amount..40
                                                       min
                                                              coef
                                                                    0.75
                                                                            18
## 1137
                              NA_sk_Snow_depth..1
                                                       min
                                                              coef
                                                                    0.75
                                                                            26
## 1138
                                                                    0.75
                                                                            34
                              NA_sk_Snow_depth..4
                                                       min
                                                              coef
                                                                    0.75
## 1139
                                    NA total prec
                                                       min
                                                              coef
                                                                            33
## 1140
                                                              coef
                                                                    0.75
                              vegetative_avg_temp
                                                       min
                                                                            61
## 1141
           vegetative_fq_Maximum_temperature..31
                                                       min
                                                              coef
                                                                    0.75
## 1142
        vegetative_fq_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                    0.75
                                                                            15
## 1143
         vegetative_fq_Precipitation_amount..40
                                                       min
                                                              coef
                                                                    0.75
## 1144
                                                                    0.75
                     vegetative_fq_Snow_depth..1
                                                       min
                                                              coef
                                                                            61
## 1145
                     vegetative fq Snow depth..4
                                                       min
                                                              coef
                                                                    0.75
                                                                            61
## 1146
                                                       min
                                                                    0.75
                                                                            61
                           vegetative_length_days
                                                              coef
## 1147
                     vegetative_since_nyear_days
                                                       min
                                                              coef
                                                                    0.75
                                                                            14
## 1148
           vegetative_sk_Maximum_temperature..31
                                                       min
                                                              coef
                                                                    0.75
                                                                            13
        vegetative_sk_Precipitation_amount..0.1
                                                                    0.75
## 1149
                                                       min
                                                              coef
                                                                            16
                                                                    0.75
## 1150
         vegetative_sk_Precipitation_amount..40
                                                       min
                                                              coef
                                                                            40
## 1151
                                                                    0.75
                     vegetative_sk_Snow_depth..1
                                                       min
                                                              coef
                                                                            61
## 1152
                     vegetative_sk_Snow_depth..4
                                                       min
                                                              coef
                                                                    0.75
## 1153
                            vegetative_total_prec
                                                       min
                                                              coef
                                                                    0.75
                                                                            28
## 1154
                                                                    0.75
                                  critical_events
                                                       min
                                                              coef
## 1155
                                                              coef
                                                                    0.75
                                           filling
                                                       min
                                                                            35
## 1156
                                        generative
                                                       min
                                                              coef
                                                                    0.75
## 1157
                                                       min
                                                                    0.75
                                               NA.
                                                              coef
                                                                            24
## 1158
                                        vegetative
                                                       min
                                                              coef
                                                                    0.75
## 1159
                                                       min
                                                              coef
                                                                    0.75
                                                                            10
                                               area
## 1160
                                 filling_avg_temp
                                                       min
                                                                    0.75
                                                                             3
## 1161
              filling_fq_Maximum_temperature..31
                                                       min
                                                                    0.75
                                                                            61
                                                                s1
                                                                            61
## 1162
            filling fq Precipitation amount..0.1
                                                                    0.75
                                                       min
## 1163
             filling_fq_Precipitation_amount..40
                                                       min
                                                                s1
                                                                    0.75
                                                                            15
                                                                    0.75
## 1164
                         filling_fq_Snow_depth..1
                                                       min
                                                                            30
## 1165
                                                                    0.75
                              filling_length_days
                                                       min
                                                                            20
## 1166
                                                                    0.75
                         filling_since_nyear_days
                                                       min
                                                                s1
                                                                            61
## 1167
                                                                    0.75
                                                                            21
                          filling_since_seed_days
                                                       min
                                                                s1
                                                                    0.75
## 1168
              filling_sk_Maximum_temperature..31
                                                       min
                                                                            27
## 1169
                                                                    0.75
                                                                            61
            filling_sk_Precipitation_amount..0.1
                                                       min
## 1170
             filling_sk_Precipitation_amount..40
                                                       min
                                                                s1
                                                                    0.75
                                                                            61
## 1171
                                                                    0.75
                         filling_sk_Snow_depth..1
                                                       min
                                                                            26
## 1172
                                                                    0.75
                               filling_total_prec
                                                       min
                                                                s1
                                                                             6
## 1173
                                                                    0.75
                                                                             5
                              generative_avg_temp
                                                       min
                                                                s1
## 1174
           generative_fq_Maximum_temperature..31
                                                       min
                                                                s1
                                                                    0.75
                                                                            17
## 1175 generative fq Precipitation amount..0.1
                                                       min
                                                                s1
                                                                    0.75
```

```
## 1176
         generative_fq_Precipitation_amount..40
                                                       min
                                                                    0.75
                                                                            11
## 1177
                                                                    0.75
                                                                            61
                     generative_fq_Snow_depth..1
                                                       min
                                                                s1
## 1178
                           generative length days
                                                       min
                                                                    0.75
                                                                            61
## 1179
                     generative_since_nyear_days
                                                                    0.75
                                                       min
                                                                s1
                                                                            61
## 1180
                      generative_since_seed_days
                                                       min
                                                                    0.75
                                                                            61
## 1181
           generative sk Maximum temperature..31
                                                                    0.75
                                                       min
                                                                s1
        generative_sk_Precipitation_amount..0.1
                                                                    0.75
## 1182
                                                       min
                                                                s1
                                                                            29
         generative_sk_Precipitation_amount..40
                                                                    0.75
## 1183
                                                       min
                                                                s1
                                                                            28
## 1184
                     generative_sk_Snow_depth..1
                                                       min
                                                                    0.75
                                                                            61
## 1185
                                                                    0.75
                            generative_total_prec
                                                       min
                                                                s1
                                                                             7
## 1186
                                       NA_avg_temp
                                                       min
                                                                s1
                                                                    0.75
                                                                             4
                                                                    0.75
## 1187
                   NA_fq_Maximum_temperature..31
                                                                            22
                                                       min
                                                                s1
## 1188
                  NA_fq_Minimum_temperature...15
                                                       min
                                                                    0.75
                                                                            61
                 NA_fq_Precipitation_amount..0.1
                                                                    0.75
## 1189
                                                       min
                                                                             2
## 1190
                                                                    0.75
                  NA_fq_Precipitation_amount..40
                                                       min
                                                                s1
                                                                            61
## 1191
                              NA_fq_Snow_depth..1
                                                       min
                                                                    0.75
                                                                    0.75
## 1192
                              NA_fq_Snow_depth..4
                                                       min
                                                                            61
                                                                s1
## 1193
                                    NA length days
                                                       min
                                                                    0.75
                                                                            61
## 1194
                                                                    0.75
                   NA_sk_Maximum_temperature..31
                                                       min
                                                                            13
                                                                s1
## 1195
                  NA sk Minimum temperature...15
                                                       min
                                                                    0.75
                                                                            61
## 1196
                 NA_sk_Precipitation_amount..0.1
                                                       min
                                                                    0.75
                                                                            25
## 1197
                  NA_sk_Precipitation_amount..40
                                                                    0.75
                                                       min
                                                                            61
                                                                    0.75
## 1198
                              NA sk Snow depth..1
                                                       min
                                                                s1
                                                                            18
## 1199
                                                                    0.75
                              NA_sk_Snow_depth..4
                                                       min
                                                                            61
## 1200
                                                                s1
                                                                    0.75
                                     NA_total_prec
                                                       min
                                                                             9
## 1201
                              vegetative_avg_temp
                                                       min
                                                                s1
                                                                    0.75
                                                                            61
## 1202
           vegetative_fq_Maximum_temperature..31
                                                                    0.75
                                                       min
                                                                s1
                                                                            61
                                                                    0.75
## 1203
        vegetative_fq_Precipitation_amount..0.1
                                                       min
                                                                            14
                                                                    0.75
## 1204
         vegetative_fq_Precipitation_amount..40
                                                       min
## 1205
                                                                    0.75
                     vegetative_fq_Snow_depth..1
                                                       min
                                                                            61
                                                                s1
                                                                    0.75
## 1206
                     vegetative_fq_Snow_depth..4
                                                       min
                                                                s1
                                                                            61
## 1207
                           vegetative_length_days
                                                       min
                                                                s1
                                                                    0.75
                                                                            61
## 1208
                                                                    0.75
                     vegetative_since_nyear_days
                                                       min
                                                                            19
## 1209
                                                                    0.75
           vegetative_sk_Maximum_temperature..31
                                                                            61
                                                       min
                                                                s1
## 1210
        vegetative sk Precipitation amount..0.1
                                                                    0.75
                                                                            10
                                                       min
                                                                    0.75
## 1211
         vegetative_sk_Precipitation_amount..40
                                                       min
                                                                            32
## 1212
                     vegetative sk Snow depth..1
                                                       min
                                                                    0.75
## 1213
                     vegetative_sk_Snow_depth..4
                                                       min
                                                                    0.75
                                                                            61
                                                                s1
## 1214
                            vegetative_total_prec
                                                                    0.75
                                                       min
                                                                            12
## 1215
                                                                    0.75
                                                                            61
                                  critical_events
                                                       min
                                                                s1
## 1216
                                                                    0.75
                                           filling
                                                       min
## 1217
                                        generative
                                                                s1
                                                                    0.75
                                                                            61
                                                       min
## 1218
                                                                    0.75
                                               NA.
                                                       min
                                                                             8
## 1219
                                                                    0.75
                                        vegetative
                                                                s1
                                                                            61
                                                       min
## 1220
                                                                    0.75
                                                       min
                                                                s1
                                                                             1
                                              area
## 1221
                                                                    0.75
                                                                             5
                                 filling_avg_temp
                                                       min
                                                                st
                                                                    0.75
## 1222
              filling_fq_Maximum_temperature..31
                                                       min
                                                                            61
## 1223
                                                                    0.75
            filling_fq_Precipitation_amount..0.1
                                                       min
                                                                            61
             filling_fq_Precipitation_amount..40
## 1224
                                                       min
                                                                    0.75
                                                                            28
                                                                st
## 1225
                                                                    0.75
                         filling_fq_Snow_depth..1
                                                       min
                                                                             6
## 1226
                                                                    0.75
                              filling_length_days
                                                       min
                                                                st.
                                                                            16
## 1227
                                                                    0.75
                         filling since nyear days
                                                       min
                                                                            61
                                                                            27
## 1228
                          filling_since_seed_days
                                                       min
                                                                    0.75
                                                                st
## 1229
              filling sk Maximum temperature..31
                                                       min
                                                                st
                                                                    0.75
                                                                            24
```

```
## 1230
            filling sk Precipitation amount..0.1
                                                       min
                                                                    0.75
                                                                            61
## 1231
            filling_sk_Precipitation_amount..40
                                                       min
                                                                    0.75
                                                                            61
## 1232
                         filling sk Snow depth..1
                                                       min
                                                                    0.75
                                                                            21
## 1233
                               filling_total_prec
                                                       min
                                                                    0.75
                                                                            11
## 1234
                              generative_avg_temp
                                                       min
                                                                    0.75
                                                                             3
## 1235
                                                                    0.75
           generative fq Maximum temperature..31
                                                       min
                                                                            18
        generative_fq_Precipitation_amount..0.1
## 1236
                                                                    0.75
                                                       min
                                                                st
                                                                            61
## 1237
                                                                    0.75
         generative_fq_Precipitation_amount..40
                                                       min
                                                                st.
                                                                            14
## 1238
                     generative_fq_Snow_depth..1
                                                       min
                                                                    0.75
                                                                            61
## 1239
                                                                    0.75
                           generative_length_days
                                                       min
                                                                st
                                                                            61
## 1240
                     generative_since_nyear_days
                                                       min
                                                                    0.75
                                                                            61
                                                                st
## 1241
                                                                    0.75
                       generative_since_seed_days
                                                       min
                                                                            61
## 1242
           generative_sk_Maximum_temperature..31
                                                       min
                                                                    0.75
                                                                            26
## 1243
        generative_sk_Precipitation_amount..0.1
                                                                    0.75
                                                       min
                                                                            29
## 1244
         generative_sk_Precipitation_amount..40
                                                                    0.75
                                                                            30
                                                       min
                                                                st
## 1245
                     generative_sk_Snow_depth..1
                                                       min
                                                                    0.75
## 1246
                                                                    0.75
                            generative_total_prec
                                                       min
                                                                            12
## 1247
                                       NA avg temp
                                                       min
                                                                    0.75
                                                                             4
## 1248
                                                                    0.75
                   NA_fq_Maximum_temperature..31
                                                       min
                                                                            23
                                                                st
## 1249
                  NA fq Minimum temperature...15
                                                       min
                                                                    0.75
## 1250
                 NA_fq_Precipitation_amount..0.1
                                                       min
                                                                    0.75
                                                                             2
## 1251
                  NA_fq_Precipitation_amount..40
                                                                    0.75
                                                       min
## 1252
                                                                    0.75
                                                                st
                              NA_fq_Snow_depth..1
                                                       min
                                                                             9
## 1253
                                                                    0.75
                              NA_fq_Snow_depth..4
                                                       min
                                                                            61
## 1254
                                                                    0.75
                                    NA_length_days
                                                       min
                                                                st.
                                                                            61
## 1255
                   NA sk Maximum temperature..31
                                                       min
                                                                st.
                                                                    0.75
                                                                            20
## 1256
                  NA_sk_Minimum_temperature...15
                                                                    0.75
                                                                            61
                                                       min
                                                                st
## 1257
                                                                    0.75
                 NA_sk_Precipitation_amount..0.1
                                                       min
                                                                            17
                                                                    0.75
## 1258
                  NA_sk_Precipitation_amount..40
                                                       min
                                                                            61
## 1259
                                                                    0.75
                              NA_sk_Snow_depth..1
                                                       min
                                                                            10
                                                                st
                                                                    0.75
## 1260
                              NA_sk_Snow_depth..4
                                                       min
                                                                            61
## 1261
                                     NA_total_prec
                                                       min
                                                                st.
                                                                    0.75
                                                                            15
## 1262
                                                                    0.75
                              vegetative_avg_temp
                                                       min
## 1263
                                                                    0.75
           vegetative_fq_Maximum_temperature..31
                                                       min
                                                                            61
                                                                st
   1264
        vegetative_fq_Precipitation_amount..0.1
                                                       min
                                                                    0.75
## 1265
                                                                    0.75
         vegetative_fq_Precipitation_amount..40
                                                       min
                                                                            31
## 1266
                     vegetative fq Snow depth..1
                                                       min
                                                                    0.75
## 1267
                     vegetative_fq_Snow_depth..4
                                                       min
                                                                    0.75
                                                                            61
                                                                st.
## 1268
                           vegetative_length_days
                                                       min
                                                                    0.75
                                                                    0.75
## 1269
                     vegetative_since_nyear_days
                                                                             7
                                                       min
                                                                st.
## 1270
           vegetative sk Maximum temperature..31
                                                                    0.75
                                                       min
                                                                            61
## 1271
        vegetative sk Precipitation amount..0.1
                                                                    0.75
                                                                            22
                                                       min
                                                                st.
                                                                    0.75
## 1272
         vegetative sk Precipitation amount..40
                                                       min
                                                                            32
## 1273
                                                                    0.75
                     vegetative_sk_Snow_depth..1
                                                       min
## 1274
                                                                    0.75
                     vegetative_sk_Snow_depth..4
                                                       min
                                                                st
                                                                            61
## 1275
                                                                    0.75
                            vegetative_total_prec
                                                       min
                                                                st
                                                                            19
                                                                    0.75
## 1276
                                  critical_events
                                                       min
                                                                            61
## 1277
                                                                    0.75
                                                                            25
                                           filling
                                                       min
## 1278
                                        generative
                                                       min
                                                                st.
                                                                    0.75
                                                                            61
## 1279
                                                                    0.75
                                                NA.
                                                       min
                                                                             8
## 1280
                                                                    0.75
                                                       min
                                                                            61
                                        vegetative
## 1281
                                                                    0.75
                                                       min
                                                                st
                                                                             1
## 1282
                                 filling_avg_temp
                                                       1se
                                                              coef
                                                                    0.75
                                                                            61
## 1283
              filling fq Maximum temperature..31
                                                       1se
                                                              coef
                                                                    0.75
```

```
## 1284
           filling_fq_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                    0.75
                                                                            61
## 1285
            filling_fq_Precipitation_amount..40
                                                                    0.75
                                                                            61
                                                       1se
                                                              coef
## 1286
                         filling_fq_Snow_depth..1
                                                       1se
                                                              coef
                                                                    0.75
                                                                            61
## 1287
                                                                    0.75
                              filling_length_days
                                                       1se
                                                              coef
                                                                            61
## 1288
                         filling_since_nyear_days
                                                       1se
                                                              coef
                                                                    0.75
                                                                            61
## 1289
                                                                    0.75
                          filling since seed days
                                                       1se
                                                              coef
                                                                             8
## 1290
                                                              coef
                                                                    0.75
              filling sk Maximum temperature..31
                                                       1se
                                                                            61
## 1291
                                                                    0.75
           filling sk Precipitation amount..0.1
                                                       1se
                                                              coef
                                                                            61
## 1292
             filling_sk_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                    0.75
                                                                            61
## 1293
                                                                    0.75
                                                                            61
                         filling_sk_Snow_depth..1
                                                       1se
                                                              coef
## 1294
                               filling_total_prec
                                                       1se
                                                              coef
                                                                    0.75
                                                                            12
## 1295
                                                                    0.75
                                                              coef
                                                                             3
                              generative_avg_temp
                                                       1se
##
  1296
           generative_fq_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                    0.75
                                                                            61
## 1297
                                                                    0.75
        generative_fq_Precipitation_amount..0.1
                                                       1se
                                                              coef
## 1298
         generative_fq_Precipitation_amount..40
                                                              coef
                                                                    0.75
                                                       1se
                                                                            61
## 1299
                     generative_fq_Snow_depth..1
                                                       1se
                                                              coef
                                                                    0.75
                                                                             6
## 1300
                           generative_length_days
                                                                    0.75
                                                                             9
                                                       1se
                                                              coef
## 1301
                                                                    0.75
                     generative since nyear days
                                                       1se
                                                              coef
                                                                            61
                                                              coef
## 1302
                                                                    0.75
                      generative_since_seed_days
                                                       1se
                                                                            61
  1303
           generative sk Maximum temperature..31
                                                       1se
                                                              coef
                                                                    0.75
  1304
        generative_sk_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                    0.75
                                                                            61
## 1305
         generative sk Precipitation amount..40
                                                       1se
                                                              coef
                                                                    0.75
                                                                            61
## 1306
                                                              coef
                                                                    0.75
                     generative_sk_Snow_depth..1
                                                       1se
                                                                            13
## 1307
                            generative total prec
                                                              coef
                                                                    0.75
                                                       1se
                                                                            10
## 1308
                                                                    0.75
                                       NA_avg_temp
                                                       1se
                                                              coef
                                                                             2
## 1309
                   NA_fq_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                    0.75
                                                                            61
## 1310
                  NA_fq_Minimum_temperature...15
                                                       1se
                                                              coef
                                                                    0.75
                                                                            61
## 1311
                                                                    0.75
                 NA_fq_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                             5
                                                                    0.75
## 1312
                  NA_fq_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                            61
## 1313
                                                                    0.75
                              NA_fq_Snow_depth..1
                                                       1se
                                                              coef
                                                                            11
                                                                    0.75
## 1314
                              NA_fq_Snow_depth..4
                                                       1se
                                                              coef
                                                                             7
## 1315
                                    NA_length_days
                                                       1se
                                                              coef
                                                                    0.75
                                                                            61
## 1316
                                                                    0.75
                   NA_sk_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                            61
## 1317
                                                                    0.75
                  NA_sk_Minimum_temperature...15
                                                       1se
                                                              coef
                                                                            61
## 1318
                 NA sk Precipitation amount..0.1
                                                       1se
                                                              coef
                                                                    0.75
## 1319
                                                       1se
                                                                    0.75
                  NA_sk_Precipitation_amount..40
                                                              coef
                                                                            61
## 1320
                              NA sk Snow depth..1
                                                       1se
                                                              coef
                                                                    0.75
## 1321
                              NA_sk_Snow_depth..4
                                                       1se
                                                              coef
                                                                    0.75
                                                                            61
## 1322
                                     NA_total_prec
                                                       1se
                                                              coef
                                                                    0.75
                                                                            61
                                                                    0.75
## 1323
                                                              coef
                                                                            61
                              vegetative_avg_temp
                                                       1se
           vegetative_fq_Maximum_temperature..31
## 1324
                                                              coef
                                                                    0.75
                                                                            61
                                                       1se
## 1325
        vegetative_fq_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                    0.75
                                                                            61
## 1326
                                                                    0.75
         vegetative_fq_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                            61
## 1327
                                                                    0.75
                     vegetative_fq_Snow_depth..1
                                                       1se
                                                              coef
                                                                            61
## 1328
                                                                    0.75
                     vegetative_fq_Snow_depth..4
                                                       1se
                                                              coef
                                                                            61
## 1329
                                                                    0.75
                           vegetative_length_days
                                                              coef
                                                                            61
                                                       1se
## 1330
                                                                    0.75
                     vegetative_since_nyear_days
                                                       1se
                                                              coef
                                                                             4
## 1331
                                                                    0.75
           vegetative_sk_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                            61
                                                              coef
## 1332
        vegetative_sk_Precipitation_amount..0.1
                                                       1se
                                                                    0.75
                                                                            61
## 1333
                                                                    0.75
         vegetative_sk_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                            61
## 1334
                     vegetative_sk_Snow_depth..1
                                                                    0.75
                                                       1se
                                                              coef
                                                                            61
## 1335
                                                                    0.75
                     vegetative_sk_Snow_depth..4
                                                       1se
                                                              coef
                                                                            61
## 1336
                            vegetative_total_prec
                                                       1se
                                                              coef
                                                                    0.75
                                                                            61
## 1337
                                   critical events
                                                       1se
                                                              coef
                                                                    0.75
```

```
## 1338
                                           filling
                                                       1se
                                                              coef
                                                                     0.75
                                                                            61
## 1339
                                                                     0.75
                                                                            61
                                        generative
                                                       1se
                                                              coef
## 1340
                                                NA.
                                                       1se
                                                              coef
                                                                     0.75
                                                                            61
## 1341
                                                                     0.75
                                        vegetative
                                                       1se
                                                                            61
                                                              coef
## 1342
                                               area
                                                       1se
                                                              coef
                                                                     0.75
                                                                             1
## 1343
                                                                    0.75
                                 filling_avg_temp
                                                       1se
                                                                s1
                                                                            61
## 1344
                                                                     0.75
              filling fq Maximum temperature..31
                                                       1se
                                                                s1
                                                                            61
## 1345
                                                                     0.75
           filling_fq_Precipitation_amount..0.1
                                                       1se
                                                                s1
                                                                            61
## 1346
             filling_fq_Precipitation_amount..40
                                                       1se
                                                                     0.75
                                                                            61
## 1347
                                                                     0.75
                         filling_fq_Snow_depth..1
                                                       1se
                                                                s1
                                                                            61
## 1348
                              filling_length_days
                                                       1se
                                                                s1
                                                                     0.75
                                                                            61
                                                                     0.75
## 1349
                         filling_since_nyear_days
                                                       1se
                                                                s1
                                                                            61
                                                                     0.75
## 1350
                          filling_since_seed_days
                                                       1se
                                                                            61
## 1351
                                                                     0.75
              filling_sk_Maximum_temperature..31
                                                       1se
## 1352
           filling_sk_Precipitation_amount..0.1
                                                                     0.75
                                                       1se
                                                                s1
                                                                            61
## 1353
             filling_sk_Precipitation_amount..40
                                                       1se
                                                                     0.75
                                                                            61
## 1354
                                                                     0.75
                         filling_sk_Snow_depth..1
                                                       1se
                                                                            61
                                                                s1
## 1355
                               filling total prec
                                                       1se
                                                                     0.75
                                                                             8
## 1356
                                                                     0.75
                                                                             9
                              generative_avg_temp
                                                       1se
                                                                s1
   1357
           generative_fq_Maximum_temperature..31
                                                       1se
                                                                     0.75
                                                                            61
  1358
##
        generative_fq_Precipitation_amount..0.1
                                                       1se
                                                                     0.75
                                                                            61
## 1359
         generative_fq_Precipitation_amount..40
                                                                     0.75
                                                       1se
## 1360
                                                                     0.75
                                                                             7
                     generative fq Snow depth..1
                                                       1se
                                                                s1
## 1361
                           generative length days
                                                                     0.75
                                                       1se
                                                                            10
## 1362
                                                                s1
                                                                     0.75
                                                                            61
                     generative_since_nyear_days
                                                       1se
## 1363
                      generative_since_seed_days
                                                       1se
                                                                s1
                                                                     0.75
                                                                            61
  1364
           generative_sk_Maximum_temperature..31
                                                                     0.75
                                                                            61
##
                                                       1se
                                                                s1
   1365
                                                                     0.75
        generative_sk_Precipitation_amount..0.1
                                                       1se
                                                                            61
## 1366
                                                                     0.75
         generative_sk_Precipitation_amount..40
                                                       1se
                                                                            61
## 1367
                                                                     0.75
                     generative_sk_Snow_depth..1
                                                       1se
                                                                s1
                                                                            11
                                                                     0.75
## 1368
                            generative_total_prec
                                                       1se
                                                                s1
                                                                             5
## 1369
                                       NA_avg_temp
                                                       1se
                                                                s1
                                                                     0.75
                                                                             4
## 1370
                                                                     0.75
                   NA_fq_Maximum_temperature..31
                                                       1se
## 1371
                                                                     0.75
                  NA_fq_Minimum_temperature...15
                                                       1se
                                                                            61
                                                                s1
## 1372
                 NA fg Precipitation amount..0.1
                                                       1se
                                                                     0.75
                                                                             2
## 1373
                                                                     0.75
                  NA_fq_Precipitation_amount..40
                                                       1se
                                                                            61
## 1374
                              NA fq Snow depth..1
                                                       1se
                                                                     0.75
## 1375
                              NA_fq_Snow_depth..4
                                                       1se
                                                                     0.75
                                                                             3
                                                                s1
## 1376
                                    NA_length_days
                                                                     0.75
                                                                            61
                                                       1se
## 1377
                                                                    0.75
                                                                            61
                   NA_sk_Maximum_temperature..31
                                                       1se
                                                                s1
## 1378
                                                                     0.75
                  NA sk Minimum temperature...15
                                                       1se
                                                                            61
## 1379
                 NA sk Precipitation amount..0.1
                                                                s1
                                                                     0.75
                                                                            61
                                                       1se
                                                                     0.75
## 1380
                  NA sk Precipitation amount..40
                                                       1se
                                                                            61
## 1381
                                                                    0.75
                                                       1se
                                                                            61
                              NA_sk_Snow_depth..1
## 1382
                                                                     0.75
                              NA_sk_Snow_depth..4
                                                       1se
                                                                s1
                                                                            61
## 1383
                                                                     0.75
                                                                            61
                                     NA_total_prec
                                                       1se
                                                                s1
## 1384
                                                                     0.75
                              vegetative_avg_temp
                                                       1se
                                                                            61
## 1385
                                                                     0.75
                                                                            61
           vegetative_fq_Maximum_temperature..31
                                                       1se
## 1386
        vegetative_fq_Precipitation_amount..0.1
                                                       1se
                                                                s1
                                                                     0.75
                                                                            61
                                                                    0.75
  1387
         vegetative_fq_Precipitation_amount..40
                                                       1se
                                                                            61
## 1388
                                                                    0.75
                     vegetative_fq_Snow_depth..1
                                                       1se
                                                                s1
                                                                            61
## 1389
                                                                    0.75
                     vegetative_fq_Snow_depth..4
                                                       1se
                                                                s1
                                                                            61
## 1390
                           vegetative_length_days
                                                                    0.75
                                                                            61
                                                       1se
                                                                s1
## 1391
                     vegetative since nyear days
                                                       1se
                                                                s1
                                                                    0.75
                                                                             6
```

```
## 1392
           vegetative sk Maximum temperature..31
                                                       1se
                                                                     0.75
                                                                            61
## 1393 vegetative_sk_Precipitation_amount..0.1
                                                                     0.75
                                                                            61
                                                       1se
                                                                s1
## 1394
         vegetative sk Precipitation amount..40
                                                       1se
                                                                     0.75
                                                                            61
## 1395
                     vegetative_sk_Snow_depth..1
                                                                     0.75
                                                       1se
                                                                s1
                                                                            61
## 1396
                     vegetative_sk_Snow_depth..4
                                                       1se
                                                                     0.75
                                                                            61
## 1397
                            vegetative total prec
                                                                    0.75
                                                       1se
                                                                            61
## 1398
                                  critical events
                                                                     0.75
                                                       1se
                                                                s1
                                                                            61
## 1399
                                                                    0.75
                                           filling
                                                       1se
                                                                s1
                                                                            61
## 1400
                                        generative
                                                       1se
                                                                     0.75
                                                                            61
                                                                     0.75
## 1401
                                                NA.
                                                       1se
                                                                s1
                                                                            61
## 1402
                                        vegetative
                                                       1se
                                                                s1
                                                                     0.75
                                                                            61
                                                                     0.75
## 1403
                                               area
                                                       1se
                                                                s1
                                                                             1
## 1404
                                 filling_avg_temp
                                                                     0.75
                                                                            61
                                                       1se
## 1405
                                                                     0.75
              filling_fq_Maximum_temperature..31
                                                       1se
## 1406
                                                                     0.75
           filling_fq_Precipitation_amount..0.1
                                                       1se
                                                                st
                                                                            61
## 1407
             filling_fq_Precipitation_amount..40
                                                       1se
                                                                     0.75
                                                                            61
## 1408
                                                                    0.75
                         filling_fq_Snow_depth..1
                                                                            61
                                                       1se
                              filling_length_days
## 1409
                                                                     0.75
                                                       1se
## 1410
                                                                     0.75
                         filling_since_nyear_days
                                                                            61
                                                       1se
                                                                st
## 1411
                          filling_since_seed_days
                                                       1se
                                                                     0.75
## 1412
              filling_sk_Maximum_temperature..31
                                                       1se
                                                                    0.75
                                                                            61
## 1413
            filling_sk_Precipitation_amount..0.1
                                                                     0.75
                                                       1se
                                                                st.
                                                                            61
                                                                    0.75
## 1414
             filling_sk_Precipitation_amount..40
                                                                            61
                                                       1se
                                                                st
## 1415
                                                                     0.75
                         filling sk Snow depth..1
                                                       1se
                                                                            61
                                                                             9
## 1416
                               filling_total_prec
                                                       1se
                                                                st.
                                                                    0.75
## 1417
                              generative_avg_temp
                                                       1se
                                                                st.
                                                                     0.75
                                                                             5
## 1418
           generative_fq_Maximum_temperature..31
                                                                     0.75
                                                                            61
                                                       1se
                                                                     0.75
  1419
        generative_fq_Precipitation_amount..0.1
                                                       1se
                                                                            61
                                                                     0.75
## 1420
         generative_fq_Precipitation_amount..40
                                                       1se
                                                                            61
## 1421
                     generative_fq_Snow_depth..1
                                                                     0.75
                                                                             7
                                                       1se
                                                                st
                                                                     0.75
## 1422
                           generative_length_days
                                                       1se
                                                                            10
## 1423
                     generative_since_nyear_days
                                                       1se
                                                                st.
                                                                     0.75
                                                                            61
## 1424
                      generative_since_seed_days
                                                       1se
                                                                     0.75
## 1425
                                                                     0.75
           generative_sk_Maximum_temperature..31
                                                                            61
                                                       1se
                                                                st
   1426
        generative_sk_Precipitation_amount..0.1
                                                                     0.75
                                                       1se
                                                                     0.75
## 1427
         generative_sk_Precipitation_amount..40
                                                       1se
                                                                            61
## 1428
                     generative sk Snow depth..1
                                                       1se
                                                                     0.75
## 1429
                            generative_total_prec
                                                                    0.75
                                                                             6
                                                       1se
                                                                st.
## 1430
                                       NA_avg_temp
                                                                     0.75
                                                                             4
                                                       1se
## 1431
                                                                    0.75
                   NA_fq_Maximum_temperature..31
                                                       1se
                                                                            61
                                                                st.
                                                                            61
## 1432
                                                                     0.75
                  NA fq Minimum temperature...15
                                                       1se
## 1433
                 NA_fq_Precipitation_amount..0.1
                                                                     0.75
                                                                             3
                                                       1se
                                                                     0.75
## 1434
                  NA_fq_Precipitation_amount..40
                                                       1se
                                                                            61
                                                                    0.75
## 1435
                              NA_fq_Snow_depth..1
                                                       1se
                                                                            61
## 1436
                                                                     0.75
                              NA_fq_Snow_depth..4
                                                       1se
                                                                st
                                                                             8
                                                                     0.75
## 1437
                                                                            61
                                    NA_length_days
                                                       1se
                                                                st
                                                                     0.75
## 1438
                   NA_sk_Maximum_temperature..31
                                                       1se
                                                                            61
## 1439
                                                                     0.75
                  NA_sk_Minimum_temperature...15
                                                       1se
                                                                            61
## 1440
                 NA_sk_Precipitation_amount..0.1
                                                       1se
                                                                     0.75
                                                                            61
                                                                st.
## 1441
                  NA_sk_Precipitation_amount..40
                                                       1se
                                                                     0.75
                                                                            61
## 1442
                                                                    0.75
                              NA_sk_Snow_depth..1
                                                                            61
                                                       1se
                                                                    0.75
## 1443
                              NA_sk_Snow_depth..4
                                                       1se
                                                                            61
## 1444
                                     NA_total_prec
                                                                    0.75
                                                                            61
                                                       1se
                                                                st
## 1445
                              vegetative_avg_temp
                                                       1se
                                                                    0.75
                                                                st.
```

```
## 1446
           vegetative_fq_Maximum_temperature..31
                                                       1se
                                                                    0.75
                                                                            61
## 1447 vegetative_fq_Precipitation_amount..0.1
                                                                    0.75
                                                                            61
                                                       1se
## 1448
         vegetative fq Precipitation amount..40
                                                       1se
                                                                    0.75
                                                                            61
## 1449
                                                                    0.75
                     vegetative_fq_Snow_depth..1
                                                       1se
                                                                            61
## 1450
                     vegetative_fq_Snow_depth..4
                                                       1se
                                                                    0.75
                                                                            61
## 1451
                           vegetative length days
                                                                    0.75
                                                       1se
                                                                            61
## 1452
                     vegetative since nyear days
                                                                    0.75
                                                       1se
                                                                st
                                                                             2
## 1453
                                                                    0.75
           vegetative_sk_Maximum_temperature..31
                                                       1se
                                                                st.
                                                                            61
## 1454
        vegetative_sk_Precipitation_amount..0.1
                                                       1se
                                                                    0.75
                                                                            61
                                                                    0.75
## 1455
         vegetative_sk_Precipitation_amount..40
                                                       1se
                                                                st
                                                                            61
## 1456
                     vegetative_sk_Snow_depth..1
                                                       1se
                                                                    0.75
                                                                            61
                                                                st
## 1457
                                                                    0.75
                     vegetative_sk_Snow_depth..4
                                                       1se
                                                                            61
## 1458
                            vegetative_total_prec
                                                       1se
                                                                    0.75
                                                                            61
## 1459
                                                                    0.75
                                  critical_events
                                                       1se
## 1460
                                                                    0.75
                                           filling
                                                       1se
                                                                st
                                                                            61
## 1461
                                        generative
                                                       1se
                                                                    0.75
                                                                            61
## 1462
                                                                    0.75
                                               NA.
                                                       1se
                                                                            61
                                        vegetative
## 1463
                                                       1se
                                                                    0.75
                                                                            61
## 1464
                                                                    0.75
                                                                st
                                                                             1
                                              area
                                                       1se
                                 filling_avg_temp
## 1465
                                                       min
                                                              coef
                                                                    1.00
                                                                            61
## 1466
              filling_fq_Maximum_temperature..31
                                                       min
                                                              coef
                                                                    1.00
                                                                            61
## 1467
            filling_fq_Precipitation_amount..0.1
                                                              coef
                                                                    1.00
                                                       min
                                                                    1.00
## 1468
             filling_fq_Precipitation_amount..40
                                                                             8
                                                       min
                                                              coef
## 1469
                                                              coef
                                                                    1.00
                                                                            61
                         filling fq Snow depth..1
                                                       min
## 1470
                                                                    1.00
                              filling_length_days
                                                       min
                                                              coef
                                                                            61
## 1471
                         filling_since_nyear_days
                                                       min
                                                              coef
                                                                    1.00
                                                                            61
## 1472
                          filling_since_seed_days
                                                       min
                                                              coef
                                                                    1.00
                                                                            10
## 1473
                                                                    1.00
                                                                             7
              filling_sk_Maximum_temperature..31
                                                       min
                                                              coef
## 1474
            filling_sk_Precipitation_amount..0.1
                                                              coef
                                                                    1.00
                                                                            61
                                                       min
## 1475
            filling_sk_Precipitation_amount..40
                                                       min
                                                              coef
                                                                    1.00
                                                                            61
## 1476
                         filling_sk_Snow_depth..1
                                                       min
                                                              coef
                                                                    1.00
                                                                            61
## 1477
                               filling_total_prec
                                                       min
                                                              coef
                                                                    1.00
                                                                            15
## 1478
                                                                    1.00
                              generative_avg_temp
                                                       min
                                                              coef
                                                                             4
## 1479
           generative_fq_Maximum_temperature..31
                                                              coef
                                                                    1.00
                                                       min
                                                                            61
   1480
        generative_fq_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                    1.00
## 1481
                                                       min
                                                                    1.00
         generative_fq_Precipitation_amount..40
                                                              coef
                                                                             1
## 1482
                     generative fq Snow depth..1
                                                       min
                                                              coef
                                                                    1.00
## 1483
                           generative_length_days
                                                       min
                                                              coef
                                                                    1.00
                                                                            61
## 1484
                     generative_since_nyear_days
                                                       min
                                                              coef
                                                                    1.00
## 1485
                                                              coef
                                                                    1.00
                                                                            61
                      generative_since_seed_days
                                                       min
## 1486
                                                              coef
                                                                    1.00
          generative sk Maximum temperature..31
                                                       min
                                                                            61
  1487
        generative sk Precipitation amount..0.1
                                                       min
                                                              coef
                                                                    1.00
                                                                            61
                                                                    1.00
  1488
         generative_sk_Precipitation_amount..40
                                                       min
                                                              coef
                                                                            19
## 1489
                                                                    1.00
                     generative_sk_Snow_depth..1
                                                       min
                                                              coef
                                                                            61
## 1490
                                                                    1.00
                            generative_total_prec
                                                       min
                                                              coef
                                                                            14
                                                                    1.00
## 1491
                                       NA_avg_temp
                                                              coef
                                                                             6
                                                       min
                                                                    1.00
## 1492
                   NA_fq_Maximum_temperature..31
                                                       min
                                                              coef
                                                                             2
## 1493
                                                                    1.00
                  NA_fq_Minimum_temperature...15
                                                       min
                                                              coef
                                                                            61
                                                                            12
## 1494
                 NA_fq_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                    1.00
## 1495
                  NA_fq_Precipitation_amount..40
                                                       min
                                                              coef
                                                                    1.00
                                                                            61
## 1496
                                                                    1.00
                              NA_fq_Snow_depth..1
                                                       min
                                                              coef
                                                                            13
## 1497
                              NA_fq_Snow_depth..4
                                                       min
                                                              coef
                                                                    1.00
                                                                            17
## 1498
                                   NA_length_days
                                                       min
                                                              coef
                                                                    1.00
                                                                            61
## 1499
                   NA sk Maximum temperature..31
                                                       min
                                                              coef
                                                                    1.00
                                                                             3
```

```
## 1500
                  NA sk Minimum temperature...15
                                                       min
                                                              coef
                                                                    1.00
                                                                            61
## 1501
                                                       min
                                                                    1.00
                                                                            61
                 NA_sk_Precipitation_amount..0.1
                                                              coef
## 1502
                  NA sk Precipitation amount..40
                                                       min
                                                              coef
                                                                    1.00
                                                                            61
## 1503
                                                                    1.00
                              NA_sk_Snow_depth..1
                                                              coef
                                                       min
                                                                            61
## 1504
                              NA_sk_Snow_depth..4
                                                       min
                                                              coef
                                                                    1.00
                                                                            61
## 1505
                                                       min
                                                                    1.00
                                     NA total prec
                                                              coef
                                                                            16
## 1506
                                                              coef
                                                                    1.00
                              vegetative avg temp
                                                       min
                                                                            61
## 1507
           vegetative_fq_Maximum_temperature..31
                                                                    1.00
                                                       min
                                                              coef
                                                                            61
## 1508
        vegetative_fq_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                    1.00
                                                                            61
## 1509
                                                                    1.00
         vegetative_fq_Precipitation_amount..40
                                                       min
                                                              coef
                                                                            61
## 1510
                     vegetative_fq_Snow_depth..1
                                                       min
                                                              coef
                                                                    1.00
                                                                            61
## 1511
                     vegetative_fq_Snow_depth..4
                                                                    1.00
                                                       min
                                                              coef
                                                                            61
## 1512
                           vegetative_length_days
                                                       min
                                                              coef
                                                                    1.00
                                                                            61
## 1513
                                                                    1.00
                     vegetative_since_nyear_days
                                                       min
                                                              coef
                                                                             9
## 1514
           vegetative_sk_Maximum_temperature..31
                                                              coef
                                                                    1.00
                                                       min
                                                                            61
## 1515
        vegetative_sk_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                    1.00
         vegetative_sk_Precipitation_amount..40
                                                                    1.00
## 1516
                                                       min
                                                              coef
                                                                            61
## 1517
                     vegetative sk Snow depth..1
                                                       min
                                                              coef
                                                                    1.00
## 1518
                                                                    1.00
                     vegetative_sk_Snow_depth..4
                                                       min
                                                              coef
                                                                            61
## 1519
                            vegetative_total_prec
                                                       min
                                                              coef
                                                                    1.00
## 1520
                                  critical_events
                                                       min
                                                              coef
                                                                    1.00
                                                                            61
## 1521
                                           filling
                                                       min
                                                              coef
                                                                    1.00
                                                                    1.00
## 1522
                                                              coef
                                        generative
                                                       min
                                                                            61
## 1523
                                                              coef
                                                                    1.00
                                               NA.
                                                       min
                                                                            61
## 1524
                                                                    1.00
                                                                            61
                                        vegetative
                                                       min
                                                              coef
## 1525
                                              area
                                                       min
                                                              coef
                                                                    1.00
                                                                             5
## 1526
                                 filling_avg_temp
                                                       min
                                                                    1.00
                                                                             4
                                                                s1
## 1527
                                                                    1.00
              filling_fq_Maximum_temperature..31
                                                       min
                                                                            61
## 1528
            filling_fq_Precipitation_amount..0.1
                                                                    1.00
                                                       min
                                                                            61
## 1529
             filling_fq_Precipitation_amount..40
                                                                    1.00
                                                                            15
                                                       min
                                                                s1
## 1530
                         filling_fq_Snow_depth..1
                                                       min
                                                                s1
                                                                    1.00
                                                                             5
## 1531
                              filling_length_days
                                                       min
                                                                s1
                                                                    1.00
                                                                            61
## 1532
                                                                    1.00
                         filling_since_nyear_days
                                                       min
                                                                            61
## 1533
                                                                    1.00
                                                                            27
                          filling_since_seed_days
                                                       min
                                                                s1
## 1534
              filling sk Maximum temperature..31
                                                                    1.00
                                                                            26
                                                       min
           filling_sk_Precipitation_amount..0.1
## 1535
                                                                    1.00
                                                       min
                                                                            61
## 1536
             filling_sk_Precipitation_amount..40
                                                       min
                                                                    1.00
## 1537
                         filling_sk_Snow_depth..1
                                                                    1.00
                                                                            24
                                                       min
                                                                s1
## 1538
                               filling_total_prec
                                                                    1.00
                                                                             6
                                                       min
                                                                    1.00
## 1539
                                                                             2
                              generative_avg_temp
                                                       min
                                                                s1
          generative_fq_Maximum_temperature..31
## 1540
                                                                    1.00
                                                       min
                                                                            19
## 1541
        generative_fq_Precipitation_amount..0.1
                                                                    1.00
                                                                            61
                                                       min
                                                                s1
  1542
         generative_fq_Precipitation_amount..40
                                                       min
                                                                    1.00
                                                                            14
## 1543
                     generative_fq_Snow_depth..1
                                                                    1.00
                                                                            61
                                                       min
## 1544
                                                                    1.00
                           generative_length_days
                                                       min
                                                                s1
                                                                            61
## 1545
                                                                    1.00
                                                                            61
                     generative_since_nyear_days
                                                       min
                                                                s1
                                                                    1.00
## 1546
                      generative_since_seed_days
                                                       min
                                                                            61
## 1547
                                                                    1.00
                                                                            28
           generative_sk_Maximum_temperature..31
                                                       min
  1548
        generative_sk_Precipitation_amount..0.1
                                                       min
                                                                    1.00
                                                                            23
                                                                s1
   1549
         generative_sk_Precipitation_amount..40
                                                       min
                                                                    1.00
                                                                            31
## 1550
                                                                    1.00
                     generative_sk_Snow_depth..1
                                                       min
                                                                            61
## 1551
                            generative_total_prec
                                                       min
                                                                s1
                                                                    1.00
                                                                            16
## 1552
                                       NA_avg_temp
                                                                    1.00
                                                                            17
                                                       min
                                                                s1
## 1553
                   NA fq Maximum temperature..31
                                                       min
                                                                s1
                                                                    1.00
                                                                            29
```

```
## 1554
                  NA fq Minimum temperature...15
                                                       min
                                                                    1.00
                                                                            61
## 1555
                                                                    1.00
                                                                             3
                 NA_fq_Precipitation_amount..0.1
                                                       min
                                                                s1
## 1556
                  NA fq Precipitation amount..40
                                                       min
                                                                    1.00
                                                                            61
## 1557
                                                                    1.00
                              NA_fq_Snow_depth..1
                                                       min
                                                                s1
                                                                            11
##
  1558
                              NA_fq_Snow_depth..4
                                                       min
                                                                    1.00
                                                                            61
## 1559
                                                                    1.00
                                   NA length days
                                                       min
                                                                            61
## 1560
                                                                    1.00
                   NA sk Maximum temperature..31
                                                       min
                                                                s1
                                                                            22
                                                                    1.00
## 1561
                  NA_sk_Minimum_temperature...15
                                                       min
                                                                s1
                                                                            61
## 1562
                 NA_sk_Precipitation_amount..0.1
                                                       min
                                                                    1.00
                                                                            20
## 1563
                                                                    1.00
                                                                            61
                  NA_sk_Precipitation_amount..40
                                                       min
                                                                s1
## 1564
                              NA_sk_Snow_depth..1
                                                       min
                                                                    1.00
                                                                             8
                                                                s1
## 1565
                                                                    1.00
                                                                            30
                              NA_sk_Snow_depth..4
                                                       min
                                                                s1
## 1566
                                     NA_total_prec
                                                       min
                                                                    1.00
                                                                            10
## 1567
                              vegetative_avg_temp
                                                                    1.00
                                                       min
                                                                            61
## 1568
                                                                    1.00
                                                                            25
           vegetative_fq_Maximum_temperature..31
                                                       min
                                                                s1
## 1569
        vegetative_fq_Precipitation_amount..0.1
                                                       min
                                                                    1.00
                                                                            12
                                                                    1.00
                                                                            32
## 1570
         vegetative_fq_Precipitation_amount..40
                                                       min
## 1571
                     vegetative_fq_Snow_depth..1
                                                                    1.00
                                                       min
## 1572
                                                                    1.00
                     vegetative_fq_Snow_depth..4
                                                                            61
                                                       min
                                                                s1
## 1573
                           vegetative_length_days
                                                       min
                                                                    1.00
## 1574
                     vegetative_since_nyear_days
                                                       min
                                                                    1.00
                                                                             9
## 1575
           vegetative_sk_Maximum_temperature..31
                                                                    1.00
                                                                            33
                                                       min
## 1576
        vegetative_sk_Precipitation_amount..0.1
                                                                    1.00
                                                                             7
                                                       min
                                                                s1
         vegetative_sk_Precipitation_amount..40
## 1577
                                                                    1.00
                                                                            34
                                                       min
## 1578
                                                                s1
                                                                    1.00
                     vegetative_sk_Snow_depth..1
                                                       min
                                                                            61
## 1579
                     vegetative_sk_Snow_depth..4
                                                       min
                                                                s1
                                                                    1.00
                                                                            61
## 1580
                            vegetative_total_prec
                                                                    1.00
                                                                            18
                                                       min
                                                                s1
## 1581
                                                                    1.00
                                  critical_events
                                                       min
                                                                            61
## 1582
                                                                    1.00
                                                                            21
                                           filling
                                                       min
## 1583
                                                                    1.00
                                                                            61
                                        generative
                                                       min
                                                                s1
## 1584
                                               NA.
                                                       min
                                                                s1
                                                                    1.00
                                                                            13
## 1585
                                        vegetative
                                                       min
                                                                s1
                                                                    1.00
                                                                            61
## 1586
                                                                    1.00
                                                       min
                                                                             1
                                              area
## 1587
                                                                    1.00
                                                                             3
                                 filling_avg_temp
                                                       min
                                                                st
## 1588
              filling fq Maximum temperature..31
                                                                    1.00
                                                                            61
                                                       min
## 1589
           filling_fq_Precipitation_amount..0.1
                                                                    1.00
                                                       min
                                                                            61
## 1590
             filling_fq_Precipitation_amount..40
                                                       min
                                                                    1.00
                                                                            21
## 1591
                         filling_fq_Snow_depth..1
                                                                    1.00
                                                                             5
                                                       min
                                                                st.
## 1592
                              filling_length_days
                                                                    1.00
                                                                            61
                                                       min
## 1593
                                                                    1.00
                                                                            61
                         filling_since_nyear_days
                                                       min
                                                                st.
## 1594
                                                                    1.00
                                                                            28
                          filling_since_seed_days
                                                       min
## 1595
              filling_sk_Maximum_temperature..31
                                                                    1.00
                                                                            22
                                                       min
                                                                st.
                                                                    1.00
## 1596
           filling_sk_Precipitation_amount..0.1
                                                       min
                                                                            61
                                                                    1.00
## 1597
             filling_sk_Precipitation_amount..40
                                                                            61
                                                       min
## 1598
                                                                    1.00
                         filling_sk_Snow_depth..1
                                                       min
                                                                st
                                                                            23
## 1599
                                                                    1.00
                                                                             7
                               filling_total_prec
                                                       min
                                                                st
## 1600
                              generative_avg_temp
                                                                    1.00
                                                       min
                                                                            13
  1601
                                                                    1.00
                                                                            18
##
           generative_fq_Maximum_temperature..31
                                                       min
   1602
        generative_fq_Precipitation_amount..0.1
                                                       min
                                                                    1.00
                                                                            61
                                                                st
   1603
         generative_fq_Precipitation_amount..40
                                                       min
                                                                    1.00
                                                                            15
##
  1604
                                                                    1.00
                     generative_fq_Snow_depth..1
                                                       min
                                                                            61
## 1605
                           generative_length_days
                                                       min
                                                                    1.00
                                                                            61
## 1606
                     generative_since_nyear_days
                                                                    1.00
                                                                            61
                                                       min
                                                                st
## 1607
                      generative since seed days
                                                       min
                                                                    1.00
                                                                            61
                                                                st.
```

```
## 1608
          generative sk Maximum temperature..31
                                                                    1.00
                                                                            27
                                                       min
        generative_sk_Precipitation_amount..0.1
                                                                    1.00
                                                                            24
  1609
                                                       min
  1610
         generative sk Precipitation amount..40
                                                       min
                                                                    1.00
                                                                            31
## 1611
                                                                    1.00
                     generative_sk_Snow_depth..1
                                                       min
                                                                            61
##
  1612
                            generative_total_prec
                                                       min
                                                                    1.00
                                                                            11
## 1613
                                       NA_avg_temp
                                                                    1.00
                                                       min
                                                                             2
## 1614
                                                                    1.00
                   NA fq Maximum temperature..31
                                                       min
                                                                st
                                                                            32
## 1615
                                                                    1.00
                  NA_fq_Minimum_temperature...15
                                                       min
                                                                st.
                                                                            61
## 1616
                 NA_fq_Precipitation_amount..0.1
                                                       min
                                                                    1.00
                                                                             4
## 1617
                                                                    1.00
                  NA_fq_Precipitation_amount..40
                                                       min
                                                                st
                                                                            61
## 1618
                              NA_fq_Snow_depth..1
                                                       min
                                                                    1.00
                                                                            17
                                                                st
## 1619
                                                                    1.00
                              NA_fq_Snow_depth..4
                                                       min
                                                                            61
## 1620
                                    NA_length_days
                                                       min
                                                                    1.00
                                                                            61
## 1621
                                                                    1.00
                   NA_sk_Maximum_temperature..31
                                                       min
                                                                            16
## 1622
                  NA_sk_Minimum_temperature...15
                                                                    1.00
                                                                            61
                                                       min
                                                                st
## 1623
                 NA_sk_Precipitation_amount..0.1
                                                       min
                                                                    1.00
## 1624
                                                                    1.00
                  NA_sk_Precipitation_amount..40
                                                                            61
                                                       min
## 1625
                              NA sk Snow depth..1
                                                                    1.00
                                                                            14
                                                       min
## 1626
                                                                    1.00
                              NA_sk_Snow_depth..4
                                                                            29
                                                       min
                                                                st
## 1627
                                     NA_total_prec
                                                       min
                                                                    1.00
                                                                            10
## 1628
                              vegetative_avg_temp
                                                       min
                                                                    1.00
                                                                            61
## 1629
           vegetative_fq_Maximum_temperature..31
                                                                    1.00
                                                       min
                                                                st.
## 1630
        vegetative_fq_Precipitation_amount..0.1
                                                                    1.00
                                                                            20
                                                       min
                                                                st
## 1631
                                                                    1.00
         vegetative_fq_Precipitation_amount..40
                                                       min
## 1632
                                                                    1.00
                                                                            61
                     vegetative_fq_Snow_depth..1
                                                       min
                                                                st.
## 1633
                     vegetative_fq_Snow_depth..4
                                                       min
                                                                st.
                                                                    1.00
                                                                            61
## 1634
                           vegetative_length_days
                                                                    1.00
                                                                            61
                                                       min
                                                                st
  1635
                                                                    1.00
##
                     vegetative_since_nyear_days
                                                       min
                                                                             8
## 1636
           vegetative_sk_Maximum_temperature..31
                                                                    1.00
                                                                            33
                                                       min
                                                                    1.00
## 1637
        vegetative_sk_Precipitation_amount..0.1
                                                                             9
                                                       min
                                                                st
## 1638
         vegetative_sk_Precipitation_amount..40
                                                       min
                                                                    1.00
                                                                            34
## 1639
                     vegetative_sk_Snow_depth..1
                                                       min
                                                                st.
                                                                    1.00
                                                                            61
## 1640
                                                                    1.00
                     vegetative_sk_Snow_depth..4
                                                       min
## 1641
                                                                    1.00
                                                                            19
                            vegetative_total_prec
                                                       min
                                                                st
## 1642
                                  critical_events
                                                                    1.00
                                                                            61
                                                       min
## 1643
                                                                    1.00
                                                                            25
                                           filling
                                                       min
## 1644
                                        generative
                                                       min
                                                                    1.00
## 1645
                                                                    1.00
                                                                             6
                                               NA.
                                                       min
                                                                st.
## 1646
                                        vegetative
                                                                    1.00
                                                                            61
                                                       min
## 1647
                                                                    1.00
                                                                             1
                                                       min
                                                                st.
                                              area
## 1648
                                                                    1.00
                                 filling avg temp
                                                       1se
                                                              coef
                                                                            61
## 1649
              filling fq Maximum temperature..31
                                                                    1.00
                                                                            61
                                                       1se
                                                              coef
                                                                    1.00
## 1650
           filling_fq_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                            61
## 1651
                                                                    1.00
             filling_fq_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                            61
## 1652
                                                                    1.00
                         filling_fq_Snow_depth..1
                                                       1se
                                                              coef
                                                                            61
## 1653
                                                                    1.00
                                                              coef
                                                                            61
                              filling_length_days
                                                       1se
                                                                    1.00
## 1654
                         filling_since_nyear_days
                                                       1se
                                                              coef
                                                                            61
## 1655
                                                                    1.00
                          filling_since_seed_days
                                                       1se
                                                              coef
                                                                            61
## 1656
              filling_sk_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                    1.00
                                                                            61
## 1657
            filling_sk_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                    1.00
                                                                            61
## 1658
                                                                    1.00
             filling_sk_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                            61
## 1659
                         filling_sk_Snow_depth..1
                                                       1se
                                                              coef
                                                                    1.00
                                                                            61
## 1660
                               filling_total_prec
                                                       1se
                                                              coef
                                                                    1.00
                                                                            61
## 1661
                              generative_avg_temp
                                                       1se
                                                              coef
                                                                    1.00
                                                                             3
```

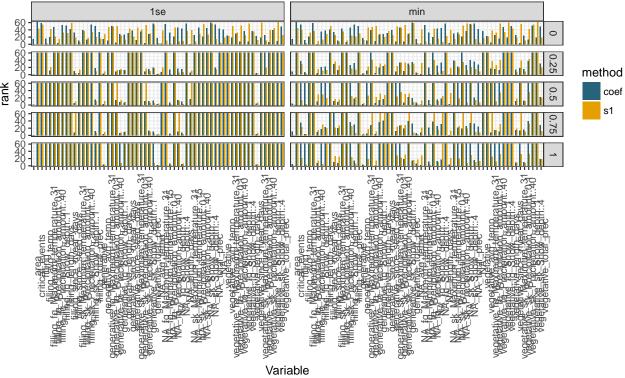
```
## 1662
           generative_fq_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                     1.00
                                                                            61
   1663
        generative_fq_Precipitation_amount..0.1
                                                                     1.00
                                                                            61
                                                       1se
                                                              coef
   1664
         generative_fq_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                     1.00
                                                                            61
  1665
                                                                     1.00
##
                     generative_fq_Snow_depth..1
                                                                            61
                                                       1se
                                                              coef
##
   1666
                           generative_length_days
                                                       1se
                                                              coef
                                                                     1.00
                                                                            61
## 1667
                                                                     1.00
                     generative since nyear days
                                                       1se
                                                              coef
                                                                            61
## 1668
                                                                     1.00
                      generative_since_seed_days
                                                       1se
                                                              coef
                                                                            61
## 1669
                                                                     1.00
           generative_sk_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                            61
   1670
        generative_sk_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                     1.00
                                                                            61
                                                                     1.00
                                                                            61
## 1671
         generative_sk_Precipitation_amount..40
                                                       1se
                                                              coef
  1672
                     generative_sk_Snow_depth..1
                                                       1se
                                                              coef
                                                                     1.00
                                                                            61
## 1673
                                                                     1.00
                            generative_total_prec
                                                                            61
                                                       1se
                                                              coef
## 1674
                                       NA_avg_temp
                                                       1se
                                                              coef
                                                                     1.00
                                                                             2
## 1675
                                                                     1.00
                   NA_fq_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                            61
## 1676
                  NA_fq_Minimum_temperature...15
                                                                     1.00
                                                                            61
                                                       1se
                                                              coef
## 1677
                 NA_fq_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                     1.00
                                                                             6
## 1678
                                                                     1.00
                  NA_fq_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                            61
                                                                     1.00
## 1679
                              NA_fq_Snow_depth..1
                                                       1se
                                                              coef
                                                                             61
## 1680
                                                       1se
                                                                     1.00
                              NA_fq_Snow_depth..4
                                                              coef
                                                                             5
## 1681
                                    NA_length_days
                                                       1se
                                                              coef
                                                                     1.00
                                                                            61
## 1682
                   NA_sk_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                     1.00
                                                                            61
## 1683
                  NA_sk_Minimum_temperature...15
                                                       1se
                                                              coef
                                                                     1.00
                                                                            61
                                                                     1.00
## 1684
                 NA_sk_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                            61
## 1685
                  NA sk Precipitation amount..40
                                                              coef
                                                                     1.00
                                                       1se
                                                                            61
## 1686
                                                                     1.00
                                                                            61
                              NA_sk_Snow_depth..1
                                                       1se
                                                              coef
## 1687
                              NA_sk_Snow_depth..4
                                                       1se
                                                              coef
                                                                     1.00
                                                                            61
## 1688
                                     NA_total_prec
                                                       1se
                                                              coef
                                                                     1.00
                                                                            61
  1689
                                                                     1.00
##
                              vegetative_avg_temp
                                                       1se
                                                              coef
                                                                            61
## 1690
                                                                     1.00
                                                       1se
                                                              coef
                                                                            61
           vegetative_fq_Maximum_temperature..31
                                                                     1.00
## 1691
        vegetative_fq_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                            61
## 1692
         vegetative_fq_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                     1.00
                                                                            61
## 1693
                     vegetative_fq_Snow_depth..1
                                                       1se
                                                              coef
                                                                     1.00
                                                                            61
## 1694
                                                                     1.00
                     vegetative_fq_Snow_depth..4
                                                       1se
                                                              coef
                                                                             61
## 1695
                                                              coef
                                                                     1.00
                           vegetative_length_days
                                                       1se
                                                                            61
  1696
                     vegetative since nyear days
                                                       1se
                                                              coef
                                                                     1.00
                                                                             4
## 1697
           vegetative_sk_Maximum_temperature..31
                                                                     1.00
                                                       1se
                                                              coef
                                                                            61
## 1698
        vegetative sk Precipitation amount..0.1
                                                       1se
                                                              coef
                                                                     1.00
## 1699
         vegetative_sk_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                     1.00
                                                                            61
## 1700
                     vegetative_sk_Snow_depth..1
                                                              coef
                                                                     1.00
                                                       1se
                                                                     1.00
## 1701
                                                                            61
                     vegetative_sk_Snow_depth..4
                                                       1se
                                                              coef
## 1702
                                                                     1.00
                            vegetative total prec
                                                       1se
                                                              coef
                                                                            61
## 1703
                                   critical_events
                                                       1se
                                                              coef
                                                                     1.00
                                                                            61
## 1704
                                                                     1.00
                                           filling
                                                       1se
                                                              coef
                                                                            61
## 1705
                                                                     1.00
                                        generative
                                                       1se
                                                              coef
                                                                            61
## 1706
                                                                     1.00
                                                NA.
                                                       1se
                                                              coef
                                                                            61
## 1707
                                                                     1.00
                                                                            61
                                        vegetative
                                                       1se
                                                              coef
                                                                     1.00
## 1708
                                               area
                                                       1se
                                                              coef
                                                                             1
## 1709
                                                                     1.00
                                 filling_avg_temp
                                                       1se
                                                                s1
                                                                             61
              filling_fq_Maximum_temperature..31
## 1710
                                                       1se
                                                                s1
                                                                     1.00
                                                                            61
## 1711
            filling_fq_Precipitation_amount..0.1
                                                       1se
                                                                     1.00
                                                                            61
## 1712
                                                                     1.00
             filling_fq_Precipitation_amount..40
                                                       1se
                                                                            61
## 1713
                         filling fq Snow depth..1
                                                       1se
                                                                s1
                                                                     1.00
                                                                            61
## 1714
                              filling_length_days
                                                                     1.00
                                                                            61
                                                       1se
                                                                s1
## 1715
                         filling since nyear days
                                                                s1
                                                                     1.00
                                                                            61
                                                       1se
```

```
## 1716
                          filling_since_seed_days
                                                       1se
                                                                    1.00
                                                                            61
## 1717
                                                                    1.00
                                                                            61
              filling_sk_Maximum_temperature..31
                                                       1se
                                                                s1
           filling sk Precipitation amount..0.1
## 1718
                                                       1se
                                                                    1.00
                                                                            61
## 1719
                                                                    1.00
            filling_sk_Precipitation_amount..40
                                                       1se
                                                                s1
                                                                            61
## 1720
                         filling_sk_Snow_depth..1
                                                       1se
                                                                    1.00
                                                                            61
## 1721
                                                                    1.00
                               filling total prec
                                                       1se
                                                                            61
## 1722
                                                                    1.00
                              generative_avg_temp
                                                       1se
                                                                s1
                                                                             4
## 1723
           generative_fq_Maximum_temperature..31
                                                                    1.00
                                                       1se
                                                                s1
                                                                            61
## 1724
        generative_fq_Precipitation_amount..0.1
                                                       1se
                                                                    1.00
                                                                            61
                                                                    1.00
                                                                            61
## 1725
         generative_fq_Precipitation_amount..40
                                                       1se
                                                                s1
## 1726
                     generative_fq_Snow_depth..1
                                                       1se
                                                                    1.00
                                                                             8
                                                                s1
## 1727
                                                                    1.00
                                                                            61
                           generative_length_days
                                                       1se
                                                                s1
## 1728
                     generative_since_nyear_days
                                                                    1.00
                                                                            61
                                                       1se
## 1729
                                                                    1.00
                      generative_since_seed_days
                                                       1se
## 1730
                                                                    1.00
           generative_sk_Maximum_temperature..31
                                                       1se
                                                                s1
                                                                            61
## 1731
        generative_sk_Precipitation_amount..0.1
                                                       1se
                                                                    1.00
                                                                            61
                                                                    1.00
## 1732
         generative_sk_Precipitation_amount..40
                                                                            61
                                                       1se
## 1733
                     generative sk Snow depth..1
                                                                    1.00
                                                                            61
                                                       1se
## 1734
                                                                    1.00
                                                                             7
                            generative_total_prec
                                                       1se
                                                                s1
                                                                             2
## 1735
                                       NA avg temp
                                                       1se
                                                                    1.00
## 1736
                   NA_fq_Maximum_temperature..31
                                                       1se
                                                                    1.00
                                                                            61
## 1737
                  NA_fq_Minimum_temperature...15
                                                                    1.00
                                                       1se
                                                                    1.00
## 1738
                                                                             3
                 NA_fq_Precipitation_amount..0.1
                                                                s1
                                                       1se
## 1739
                                                                    1.00
                                                                            61
                  NA fq Precipitation amount..40
                                                       1se
## 1740
                                                                s1
                                                                    1.00
                                                                            61
                              NA_fq_Snow_depth..1
                                                       1se
## 1741
                              NA_fq_Snow_depth..4
                                                       1se
                                                                s1
                                                                    1.00
                                                                             6
## 1742
                                    NA_length_days
                                                                    1.00
                                                                            61
                                                       1se
                                                                s1
## 1743
                   NA_sk_Maximum_temperature..31
                                                       1se
                                                                    1.00
                                                                            61
## 1744
                                                                    1.00
                  NA_sk_Minimum_temperature...15
                                                       1se
                                                                            61
## 1745
                 NA_sk_Precipitation_amount..0.1
                                                                    1.00
                                                                            61
                                                       1se
                                                                s1
## 1746
                  NA_sk_Precipitation_amount..40
                                                       1se
                                                                s1
                                                                    1.00
                                                                            61
## 1747
                              NA_sk_Snow_depth..1
                                                       1se
                                                                    1.00
                                                                            61
## 1748
                                                                    1.00
                              NA_sk_Snow_depth..4
                                                       1se
## 1749
                                                                    1.00
                                     NA_total_prec
                                                                            61
                                                       1se
                                                                s1
## 1750
                              vegetative_avg_temp
                                                                    1.00
                                                                            61
                                                       1se
## 1751
                                                                    1.00
           vegetative_fq_Maximum_temperature..31
                                                       1se
                                                                            61
## 1752
        vegetative fq Precipitation amount..0.1
                                                       1se
                                                                    1.00
## 1753
         vegetative_fq_Precipitation_amount..40
                                                                    1.00
                                                                            61
                                                       1se
                                                                s1
## 1754
                     vegetative_fq_Snow_depth..1
                                                                    1.00
                                                       1se
## 1755
                                                                    1.00
                                                                            61
                     vegetative_fq_Snow_depth..4
                                                       1se
                                                                s1
## 1756
                                                                    1.00
                                                                            61
                           vegetative length days
                                                       1se
## 1757
                     vegetative_since_nyear_days
                                                                    1.00
                                                                             5
                                                       1se
                                                                s1
## 1758
           vegetative_sk_Maximum_temperature..31
                                                       1se
                                                                    1.00
                                                                            61
## 1759
        vegetative_sk_Precipitation_amount..0.1
                                                                    1.00
                                                                            61
                                                       1se
                                                                    1.00
## 1760
         vegetative_sk_Precipitation_amount..40
                                                       1se
                                                                s1
                                                                            61
## 1761
                                                                    1.00
                     vegetative_sk_Snow_depth..1
                                                                            61
                                                       1se
                                                                s1
## 1762
                     vegetative_sk_Snow_depth..4
                                                       1se
                                                                    1.00
                                                                            61
## 1763
                                                                    1.00
                            vegetative_total_prec
                                                       1se
                                                                            61
## 1764
                                  critical_events
                                                       1se
                                                                    1.00
                                                                            61
                                                                s1
## 1765
                                           filling
                                                       1se
                                                                    1.00
                                                                            61
## 1766
                                                                    1.00
                                                       1se
                                                                            61
                                        generative
## 1767
                                               NA.
                                                       1se
                                                                    1.00
                                                                            61
## 1768
                                        vegetative
                                                                    1.00
                                                                            61
                                                       1se
                                                                s1
## 1769
                                                       1se
                                                                s1
                                                                    1.00
                                                                             1
                                              area
```

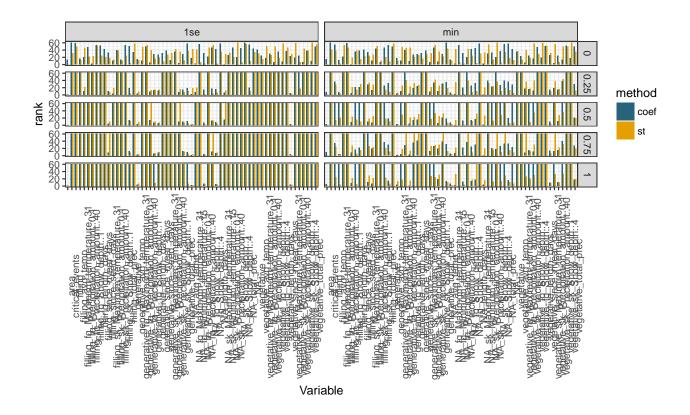
```
## 1770
                                 filling_avg_temp
                                                       1se
                                                                    1.00
                                                                            61
## 1771
                                                                    1.00
                                                                            61
             filling_fq_Maximum_temperature..31
                                                       1se
## 1772
           filling fq Precipitation amount..0.1
                                                       1se
                                                                    1.00
                                                                            61
## 1773
                                                                    1.00
            filling_fq_Precipitation_amount..40
                                                                            61
                                                       1se
## 1774
                         filling_fq_Snow_depth..1
                                                       1se
                                                                    1.00
                                                                            61
## 1775
                                                                    1.00
                              filling length days
                                                       1se
                                                                            61
## 1776
                                                                    1.00
                        filling since nyear days
                                                       1se
                                                                            61
## 1777
                                                                    1.00
                         filling_since_seed_days
                                                       1se
                                                               st.
                                                                            61
## 1778
             filling_sk_Maximum_temperature..31
                                                       1se
                                                                    1.00
                                                                            61
                                                                    1.00
                                                                            61
## 1779
           filling_sk_Precipitation_amount..0.1
                                                       1se
## 1780
            filling_sk_Precipitation_amount..40
                                                       1se
                                                                    1.00
                                                                            61
                                                               st
## 1781
                         filling_sk_Snow_depth..1
                                                                    1.00
                                                       1se
                                                                            61
## 1782
                               filling_total_prec
                                                       1se
                                                                    1.00
                                                                            61
## 1783
                                                                    1.00
                              generative_avg_temp
                                                       1se
                                                                            6
## 1784
                                                                    1.00
                                                                            61
           generative_fq_Maximum_temperature..31
                                                       1se
                                                               st
## 1785
        generative_fq_Precipitation_amount..0.1
                                                       1se
                                                                    1.00
## 1786
                                                                    1.00
                                                                            61
         generative_fq_Precipitation_amount..40
                                                       1se
## 1787
                     generative_fq_Snow_depth..1
                                                       1se
                                                                    1.00
                                                                            8
## 1788
                                                                    1.00
                           generative_length_days
                                                       1se
                                                                            61
## 1789
                     generative since nyear days
                                                       1se
                                                                    1.00
## 1790
                      generative_since_seed_days
                                                       1se
                                                                    1.00
## 1791
           generative_sk_Maximum_temperature..31
                                                                    1.00
                                                       1se
                                                                    1.00
## 1792
        generative_sk_Precipitation_amount..0.1
                                                       1se
                                                               st
                                                                            61
## 1793
         generative sk Precipitation amount..40
                                                                    1.00
                                                       1se
                                                                            61
## 1794
                                                                    1.00
                                                                            61
                     generative_sk_Snow_depth..1
                                                       1se
## 1795
                            generative total prec
                                                       1se
                                                               st.
                                                                    1.00
                                                                            7
## 1796
                                      NA_avg_temp
                                                       1se
                                                                    1.00
                                                                            2
## 1797
                                                                    1.00
                   NA_fq_Maximum_temperature..31
                                                       1se
                                                                            61
## 1798
                  NA_fq_Minimum_temperature...15
                                                                    1.00
                                                                            61
                                                       1se
## 1799
                                                                    1.00
                 NA_fq_Precipitation_amount..0.1
                                                                            5
                                                       1se
                                                               st
## 1800
                  NA_fq_Precipitation_amount..40
                                                       1se
                                                                    1.00
                                                                            61
## 1801
                              NA_fq_Snow_depth..1
                                                       1se
                                                                    1.00
                                                                            61
## 1802
                                                                    1.00
                              NA_fq_Snow_depth..4
                                                       1se
                                                                            4
## 1803
                                                                    1.00
                                   NA_length_days
                                                       1se
                                                                            61
## 1804
                   NA sk Maximum temperature..31
                                                       1se
                                                                    1.00
## 1805
                                                                    1.00
                  NA_sk_Minimum_temperature...15
                                                       1se
                                                                            61
## 1806
                 NA sk Precipitation amount..0.1
                                                       1se
                                                                    1.00
## 1807
                  NA_sk_Precipitation_amount..40
                                                                    1.00
                                                                            61
                                                       1se
                                                               st.
## 1808
                              NA_sk_Snow_depth..1
                                                                    1.00
                                                       1se
## 1809
                                                                    1.00
                                                                            61
                              NA_sk_Snow_depth..4
                                                       1se
## 1810
                                                                    1.00
                                    NA total prec
                                                       1se
                                                                            61
## 1811
                              vegetative avg temp
                                                                    1.00
                                                                            61
                                                       1se
## 1812
                                                                    1.00
           vegetative_fq_Maximum_temperature..31
                                                       1se
                                                                            61
                                                                    1.00
## 1813
        vegetative_fq_Precipitation_amount..0.1
                                                       1se
## 1814
                                                                    1.00
         vegetative_fq_Precipitation_amount..40
                                                       1se
                                                               st
                                                                            61
## 1815
                                                                    1.00
                     vegetative_fq_Snow_depth..1
                                                                            61
                                                       1se
## 1816
                                                                    1.00
                     vegetative_fq_Snow_depth..4
                                                       1se
                                                                            61
## 1817
                                                                    1.00
                                                                            61
                           vegetative_length_days
                                                       1se
                     vegetative_since_nyear_days
## 1818
                                                       1se
                                                                    1.00
                                                                            3
                                                               st
## 1819
           vegetative_sk_Maximum_temperature..31
                                                       1se
                                                                    1.00
                                                                            61
        vegetative_sk_Precipitation_amount..0.1
                                                                    1.00
## 1820
                                                       1se
                                                                            61
## 1821
         vegetative_sk_Precipitation_amount..40
                                                       1se
                                                                    1.00
                                                                            61
## 1822
                     vegetative_sk_Snow_depth..1
                                                                    1.00
                                                                            61
                                                       1se
                                                               st
## 1823
                     vegetative sk Snow depth..4
                                                       1se
                                                                    1.00
```

```
## 1824
                            vegetative_total_prec
                                                       1se
                                                               st
                                                                    1.00
                                                                            61
## 1825
                                  critical_events
                                                                    1.00
                                                                            61
                                                       1se
                                                                st
## 1826
                                                                            61
                                           filling
                                                       1se
                                                                st
                                                                    1.00
## 1827
                                        generative
                                                                    1.00
                                                                            61
                                                       1se
                                                                st
## 1828
                                               NA.
                                                       1se
                                                                st
                                                                    1.00
                                                                            61
## 1829
                                        vegetative
                                                                    1.00
                                                                            61
                                                       1se
## 1830
                                              area
                                                       1se
                                                                    1.00
                                                                            1
                                                                st
```

Examination of differences of ranks between S1 and COEF, by visualising their absolute ranks.



Examination of differences of ranks between ST and COEF, by visualising their absolute ranks.



Examination of rank differences

Following part compares differences in ranks compiled by S1,ST and COEF methods. Coparison is done between following pairs: S1-COEF and ST-COEF.

Dataset overview

##		Variable	lambda	combination	alpha
##	1	area	1se	s1c	0
##	2	area	min	s1c	0
##	3	critical_events	1se	s1c	0
##	4	critical_events	min	s1c	0
##	5	filling	1se	s1c	0
##	6	filling	min	s1c	0
##	7	filling_avg_temp	1se	s1c	0
##	8	filling_avg_temp	min	s1c	0
##	9	filling_fq_Maximum_temperature31	1se	s1c	0
##	10	filling_fq_Maximum_temperature31	min	s1c	0
##	11	filling_fq_Precipitation_amount0.1	1se	s1c	0
##	12	filling_fq_Precipitation_amount0.1	min	s1c	0
##	13	filling_fq_Precipitation_amount40	1se	s1c	0
##	14	filling_fq_Precipitation_amount40	min	s1c	0
##	15	filling_fq_Snow_depth1	1se	s1c	0
##	16	filling_fq_Snow_depth1	min	s1c	0
##	17	filling_length_days	1se	s1c	0
##	18	filling_length_days	min	s1c	0
##	19	filling_since_nyear_days	1se	s1c	0
##	20	filling_since_nyear_days	min	s1c	0
##	21	filling_since_seed_days	1se	s1c	0
##	22	filling_since_seed_days	min	s1c	0

```
## 23
              filling_sk_Maximum_temperature..31
                                                                         s1c
                                                                                  0
                                                           1se
##
   24
                                                                                  0
              filling_sk_Maximum_temperature..31
                                                          min
                                                                         s1c
##
   25
            filling sk Precipitation amount..0.1
                                                           1se
                                                                         s1c
                                                                                  0
  26
##
            filling_sk_Precipitation_amount..0.1
                                                                                  0
                                                           min
                                                                         s1c
##
   27
             filling_sk_Precipitation_amount..40
                                                           1se
                                                                         s1c
                                                                                  0
   28
##
             filling sk Precipitation amount..40
                                                          min
                                                                         s1c
                                                                                  0
   29
                          filling sk Snow depth..1
                                                           1se
                                                                         s1c
                                                                                  0
## 30
                          filling_sk_Snow_depth..1
                                                           min
                                                                         s1c
                                                                                  0
##
   31
                                 filling_total_prec
                                                           1se
                                                                         s1c
                                                                                  0
##
   32
                                 filling_total_prec
                                                           min
                                                                         s<sub>1</sub>c
                                                                                  0
   33
                                          generative
                                                           1se
                                                                         s1c
                                                                                  0
##
   34
                                                                                  0
                                          generative
                                                           min
                                                                         s1c
##
   35
                                                                                  0
                                generative_avg_temp
                                                           1se
                                                                         s<sub>1</sub>c
   36
##
                                generative_avg_temp
                                                           min
                                                                         s1c
                                                                                  0
##
   37
                                                                                  0
           generative_fq_Maximum_temperature..31
                                                           1se
                                                                         s1c
##
   38
           generative_fq_Maximum_temperature..31
                                                                                  0
                                                           min
                                                                         s<sub>1</sub>c
##
   39
         generative_fq_Precipitation_amount..0.1
                                                                                  0
                                                           1se
                                                                         s<sub>1</sub>c
##
   40
         generative_fq_Precipitation_amount..0.1
                                                                                  0
                                                           min
                                                                         s<sub>1</sub>c
##
   41
                                                                                  0
          generative_fq_Precipitation_amount..40
                                                           1se
                                                                        s1c
##
  42
          generative_fq_Precipitation_amount..40
                                                           min
                                                                         s1c
                                                                                  0
##
   43
                       generative_fq_Snow_depth..1
                                                           1se
                                                                         s1c
                                                                                  0
##
  44
                                                                                  0
                       generative_fq_Snow_depth..1
                                                           min
                                                                         s1c
## 45
                                                                                  0
                            generative_length_days
                                                           1se
                                                                         s1c
##
   46
                            generative_length_days
                                                          min
                                                                         s1c
                                                                                  0
                       generative_since_nyear_days
##
  47
                                                           1se
                                                                         s1c
                                                                                  0
   48
                       generative_since_nyear_days
                                                          min
                                                                         s1c
                                                                                  0
##
   49
                                                                                  0
                        generative_since_seed_days
                                                           1se
                                                                         s<sub>1</sub>c
   50
##
                        generative_since_seed_days
                                                           min
                                                                                  0
                                                                         s<sub>1</sub>c
## 51
                                                                                  0
           generative_sk_Maximum_temperature..31
                                                           1se
                                                                         s1c
           generative_sk_Maximum_temperature..31
##
  52
                                                                                  0
                                                          min
                                                                         s1c
## 53
         generative_sk_Precipitation_amount..0.1
                                                           1se
                                                                         s<sub>1</sub>c
                                                                                  0
##
   54
         generative_sk_Precipitation_amount..0.1
                                                          min
                                                                         s1c
                                                                                  0
##
   55
          generative_sk_Precipitation_amount..40
                                                           1se
                                                                                  0
   56
##
          generative_sk_Precipitation_amount..40
                                                                                  0
                                                           min
                                                                         s1c
##
   57
                       generative_sk_Snow_depth..1
                                                                                  0
                                                           1se
                                                                         s<sub>1</sub>c
##
  58
                                                                                  0
                       generative_sk_Snow_depth..1
                                                          min
                                                                         s1c
## 59
                              generative total prec
                                                           1se
                                                                         s1c
                                                                                  0
## 60
                                                                                  0
                              generative_total_prec
                                                          min
                                                                         s1c
## 61
                                                                                  0
                                         NA_avg_temp
                                                           1se
                                                                         s1c
  62
                                                                                  0
##
                                         NA_avg_temp
                                                                         s1c
                                                          min
   63
                                                                                  0
                    NA_fq_Maximum_temperature..31
                                                           1se
                                                                         s1c
##
   64
                    NA_fq_Maximum_temperature..31
                                                                                  0
                                                           min
                                                                         s1c
##
   65
                   NA_fq_Minimum_temperature...15
                                                           1se
                                                                         s1c
                                                                                  0
##
   66
                                                                                  0
                   NA_fq_Minimum_temperature...15
                                                           min
                                                                         s<sub>1</sub>c
   67
##
                  NA_fq_Precipitation_amount..0.1
                                                           1se
                                                                         s1c
                                                                                  0
## 68
                                                                                  0
                  NA_fq_Precipitation_amount..0.1
                                                           min
                                                                         s1c
                   NA\_fq\_Precipitation\_amount..40
##
   69
                                                           1se
                                                                         s<sub>1</sub>c
                                                                                  0
  70
##
                   NA_fq_Precipitation_amount..40
                                                           min
                                                                         s1c
                                                                                  0
##
  71
                                NA_fq_Snow_depth..1
                                                           1se
                                                                                  0
                                                                         s<sub>1</sub>c
##
  72
                                NA_fq_Snow_depth..1
                                                           min
                                                                                  0
                                                                         s<sub>1</sub>c
## 73
                                                                                  0
                                NA_fq_Snow_depth..4
                                                           1se
                                                                         s1c
## 74
                                NA_fq_Snow_depth..4
                                                           min
                                                                         s1c
                                                                                  0
## 75
                                      NA_length_days
                                                                                  0
                                                           1se
                                                                        s1c
## 76
                                      NA_length_days
                                                                                  0
                                                           min
```

```
## 77
                   NA_sk_Maximum_temperature..31
                                                                    s1c
                                                                             0
                                                       1se
## 78
                                                                             0
                   NA_sk_Maximum_temperature..31
                                                       min
                                                                    s1c
                  NA_sk_Minimum_temperature...15
##
  79
                                                       1se
                                                                    s1c
                                                                             0
##
  80
                  NA_sk_Minimum_temperature...15
                                                                             0
                                                       min
                                                                    s1c
##
  81
                 NA_sk_Precipitation_amount..0.1
                                                       1se
                                                                    s1c
                                                                             0
  82
                                                                    s1c
##
                 NA sk Precipitation amount..0.1
                                                       min
                                                                             0
  83
##
                  NA sk Precipitation amount..40
                                                       1se
                                                                    s1c
                                                                             0
## 84
                  NA_sk_Precipitation_amount..40
                                                       min
                                                                    s1c
                                                                             0
##
   85
                              NA_sk_Snow_depth..1
                                                       1se
                                                                    s1c
                                                                             0
##
  86
                              NA_sk_Snow_depth..1
                                                       min
                                                                    s1c
                                                                             0
##
  87
                              NA_sk_Snow_depth..4
                                                       1se
                                                                    s1c
                                                                             0
  88
                                                                             0
##
                              NA_sk_Snow_depth..4
                                                       min
                                                                    s1c
                                     NA_total_prec
##
   89
                                                       1se
                                                                             0
                                                                    s1c
## 90
                                     NA_total_prec
                                                       min
                                                                    s1c
                                                                             0
## 91
                                                                             0
                                                NA.
                                                       1se
                                                                    s1c
## 92
                                                NA.
                                                       min
                                                                             0
                                                                    s1c
##
  93
                                                                             0
                                        vegetative
                                                       1se
                                                                    s1c
##
   94
                                                                             0
                                        vegetative
                                                       min
                                                                    s1c
##
  95
                                                                    s1c
                                                                             0
                              vegetative_avg_temp
                                                       1se
## 96
                              vegetative_avg_temp
                                                       min
                                                                    s1c
                                                                             0
##
  97
           vegetative_fq_Maximum_temperature..31
                                                       1se
                                                                    s1c
                                                                             0
## 98
           vegetative_fq_Maximum_temperature..31
                                                                             0
                                                       min
                                                                    s1c
## 99
        vegetative_fq_Precipitation_amount..0.1
                                                       1se
                                                                    s1c
                                                                             0
        vegetative_fq_Precipitation_amount..0.1
  100
##
                                                       min
                                                                    s1c
                                                                             0
## 101
         vegetative_fq_Precipitation_amount..40
                                                       1se
                                                                    s1c
                                                                             0
  102
         vegetative_fq_Precipitation_amount..40
                                                       min
                                                                    s1c
                                                                             0
## 103
                     vegetative_fq_Snow_depth..1
                                                                             0
                                                       1se
                                                                    s1c
##
  104
                     vegetative_fq_Snow_depth..1
                                                       min
                                                                    s1c
                                                                             0
## 105
                                                                             0
                     vegetative_fq_Snow_depth..4
                                                       1se
                                                                    s1c
## 106
                     vegetative_fq_Snow_depth..4
                                                       min
                                                                             0
                                                                    s1c
## 107
                           vegetative_length_days
                                                       1se
                                                                    s1c
                                                                             0
## 108
                           vegetative_length_days
                                                       min
                                                                    s1c
                                                                             0
## 109
                     vegetative_since_nyear_days
                                                       1se
                                                                    s1c
                                                                             0
## 110
                     vegetative_since_nyear_days
                                                                             0
                                                       min
                                                                    s1c
## 111
           vegetative_sk_Maximum_temperature..31
                                                                    s1c
                                                                             0
                                                       1se
## 112
           vegetative_sk_Maximum_temperature..31
                                                       min
                                                                    s1c
                                                                             0
## 113
        vegetative_sk_Precipitation_amount..0.1
                                                       1se
                                                                    s1c
                                                                             0
## 114
        vegetative_sk_Precipitation_amount..0.1
                                                                    s1c
                                                                             0
                                                       min
## 115
         vegetative_sk_Precipitation_amount..40
                                                       1se
                                                                    s1c
                                                                             0
## 116
         vegetative_sk_Precipitation_amount..40
                                                       min
                                                                    s1c
                                                                             0
## 117
                     vegetative_sk_Snow_depth..1
                                                       1se
                                                                    s1c
                                                                             0
## 118
                     vegetative_sk_Snow_depth..1
                                                                             0
                                                       min
                                                                    s1c
## 119
                     vegetative_sk_Snow_depth..4
                                                       1se
                                                                    s1c
                                                                             0
## 120
                                                                             0
                     vegetative_sk_Snow_depth..4
                                                       min
                                                                    s1c
## 121
                            vegetative_total_prec
                                                       1se
                                                                    s1c
                                                                             0
## 122
                                                                             0
                            vegetative_total_prec
                                                       min
                                                                    s1c
## 123
                                                       1se
                                                                    s1c
                                                                          0.25
                                              area
## 124
                                                                          0.25
                                              area
                                                       min
                                                                    s1c
## 125
                                  critical_events
                                                       1se
                                                                    s1c
                                                                          0.25
## 126
                                  critical_events
                                                       min
                                                                    s1c
                                                                          0.25
## 127
                                                                          0.25
                                                       1se
                                                                    s1c
                                           filling
## 128
                                           filling
                                                       min
                                                                    s1c
                                                                          0.25
## 129
                                 filling_avg_temp
                                                                    s1c
                                                                          0.25
                                                       1se
## 130
                                 filling_avg_temp
                                                                    s1c
                                                                         0.25
                                                       min
```

```
## 131
             filling_fq_Maximum_temperature..31
                                                                   s1c
                                                                        0.25
                                                      1se
## 132
                                                                        0.25
             filling_fq_Maximum_temperature..31
                                                      min
                                                                   s1c
## 133
           filling fq Precipitation amount..0.1
                                                      1se
                                                                   s1c
                                                                        0.25
## 134
                                                                        0.25
           filling_fq_Precipitation_amount..0.1
                                                                   s1c
                                                      min
## 135
            filling_fq_Precipitation_amount..40
                                                      1se
                                                                   s1c
                                                                        0.25
## 136
                                                                        0.25
            filling fq Precipitation amount..40
                                                      min
                                                                   s1c
## 137
                                                                        0.25
                        filling_fq_Snow_depth..1
                                                      1se
                                                                   s1c
## 138
                        filling_fq_Snow_depth..1
                                                                        0.25
                                                      min
                                                                   s1c
## 139
                              filling_length_days
                                                      1se
                                                                   s1c
                                                                        0.25
## 140
                              filling_length_days
                                                      min
                                                                   s1c
                                                                        0.25
## 141
                        filling_since_nyear_days
                                                      1se
                                                                   s1c
                                                                        0.25
## 142
                                                                        0.25
                        filling_since_nyear_days
                                                      min
                                                                   s1c
## 143
                         filling_since_seed_days
                                                      1se
                                                                   s1c
                                                                        0.25
## 144
                                                                        0.25
                         filling_since_seed_days
                                                      min
                                                                   s1c
## 145
                                                                   s1c
                                                                        0.25
             filling_sk_Maximum_temperature..31
                                                      1se
## 146
             filling_sk_Maximum_temperature..31
                                                      min
                                                                   s1c
                                                                        0.25
## 147
                                                                        0.25
           filling_sk_Precipitation_amount..0.1
                                                                   s1c
                                                      1se
## 148
           filling sk Precipitation amount..0.1
                                                                   s1c
                                                                        0.25
                                                      min
## 149
                                                                        0.25
            filling_sk_Precipitation_amount..40
                                                                   s1c
                                                      1se
## 150
            filling sk Precipitation amount..40
                                                      min
                                                                   s1c
                                                                        0.25
## 151
                        filling_sk_Snow_depth..1
                                                      1se
                                                                   s1c
                                                                        0.25
## 152
                        filling_sk_Snow_depth..1
                                                                   s1c
                                                                        0.25
                                                      min
                                                                        0.25
## 153
                                                                   s1c
                              filling total prec
                                                      1se
## 154
                                                                        0.25
                               filling_total_prec
                                                      min
                                                                   s1c
## 155
                                                                        0.25
                                       generative
                                                      1se
                                                                   s1c
## 156
                                       generative
                                                      min
                                                                   s1c
                                                                        0.25
## 157
                                                                   s1c
                                                                        0.25
                              generative_avg_temp
                                                      1se
## 158
                                                                        0.25
                                                      min
                                                                   s1c
                              generative_avg_temp
## 159
                                                                   s1c
                                                                        0.25
          generative_fq_Maximum_temperature..31
                                                      1se
## 160
          generative_fq_Maximum_temperature..31
                                                                   s1c
                                                                        0.25
                                                      min
## 161
        generative_fq_Precipitation_amount..0.1
                                                      1se
                                                                   s1c
                                                                        0.25
##
  162
        generative_fq_Precipitation_amount..0.1
                                                      min
                                                                   s1c
                                                                        0.25
##
  163
         generative_fq_Precipitation_amount..40
                                                      1se
                                                                   s1c
                                                                        0.25
## 164
                                                                        0.25
         generative_fq_Precipitation_amount..40
                                                                   s1c
                                                      min
##
  165
                     generative_fq_Snow_depth..1
                                                                   s1c
                                                                        0.25
                                                      1se
## 166
                                                                        0.25
                     generative_fq_Snow_depth..1
                                                      min
                                                                   s1c
## 167
                          generative length days
                                                      1se
                                                                   s1c
                                                                        0.25
## 168
                          generative_length_days
                                                                   s1c
                                                                        0.25
                                                      min
## 169
                     generative_since_nyear_days
                                                                   s1c
                                                                        0.25
                                                      1se
## 170
                                                                   s1c
                                                                        0.25
                     generative_since_nyear_days
                                                      min
## 171
                                                                        0.25
                      generative since seed days
                                                      1se
                                                                   s1c
## 172
                      generative since seed days
                                                                   s1c
                                                                        0.25
                                                      min
## 173
          generative sk Maximum temperature..31
                                                      1se
                                                                   s1c
                                                                        0.25
##
  174
          generative_sk_Maximum_temperature..31
                                                                   s1c
                                                                        0.25
                                                      min
## 175
                                                                        0.25
        generative_sk_Precipitation_amount..0.1
                                                      1se
                                                                   s1c
## 176
                                                                        0.25
        generative_sk_Precipitation_amount..0.1
                                                      min
                                                                   s1c
## 177
         generative_sk_Precipitation_amount..40
                                                      1se
                                                                   s1c
                                                                        0.25
## 178
                                                                        0.25
         generative_sk_Precipitation_amount..40
                                                      min
                                                                   s1c
## 179
                     generative_sk_Snow_depth..1
                                                      1se
                                                                   s1c
                                                                        0.25
## 180
                     generative_sk_Snow_depth..1
                                                      min
                                                                   s1c
                                                                        0.25
## 181
                                                                        0.25
                                                      1se
                                                                   s1c
                            generative_total_prec
## 182
                            generative_total_prec
                                                      min
                                                                   s1c
                                                                        0.25
## 183
                                      NA_avg_temp
                                                                   s1c
                                                                        0.25
                                                      1se
## 184
                                      NA_avg_temp
                                                      min
                                                                   s1c
                                                                        0.25
```

```
## 185
                   NA_fq_Maximum_temperature..31
                                                                    s1c
                                                                         0.25
                                                       1se
## 186
                                                                         0.25
                   NA_fq_Maximum_temperature..31
                                                      min
                                                                    s1c
## 187
                  NA_fq_Minimum_temperature...15
                                                       1se
                                                                    s1c
                                                                         0.25
  188
                  NA_fq_Minimum_temperature...15
                                                                    s1c
                                                                         0.25
##
                                                       min
##
   189
                 NA_fq_Precipitation_amount..0.1
                                                       1se
                                                                    s1c
                                                                         0.25
## 190
                                                                         0.25
                 NA fq Precipitation amount..0.1
                                                       min
                                                                    s1c
## 191
                  NA fg Precipitation amount..40
                                                                         0.25
                                                       1se
                                                                    s1c
## 192
                                                                         0.25
                  NA_fq_Precipitation_amount..40
                                                       min
                                                                    s1c
## 193
                              NA_fq_Snow_depth..1
                                                       1se
                                                                    s1c
                                                                         0.25
## 194
                              NA_fq_Snow_depth..1
                                                       min
                                                                    s1c
                                                                         0.25
  195
                              NA_fq_Snow_depth..4
                                                       1se
                                                                    s1c
                                                                         0.25
  196
                                                                         0.25
##
                              NA_fq_Snow_depth..4
                                                       min
                                                                    s1c
##
  197
                                   NA_length_days
                                                       1se
                                                                    s1c
                                                                         0.25
## 198
                                   NA_length_days
                                                       min
                                                                    s1c
                                                                         0.25
## 199
                                                                         0.25
                   NA_sk_Maximum_temperature..31
                                                       1se
                                                                    s1c
## 200
                   NA_sk_Maximum_temperature..31
                                                       min
                                                                    s1c
                                                                         0.25
## 201
                                                                         0.25
                  NA_sk_Minimum_temperature...15
                                                                    s1c
                                                       1se
## 202
                  NA sk Minimum temperature...15
                                                                    s1c
                                                                         0.25
                                                       min
## 203
                                                                         0.25
                 NA_sk_Precipitation_amount..0.1
                                                                    s1c
                                                       1se
## 204
                 NA sk Precipitation amount..0.1
                                                       min
                                                                    s1c
                                                                         0.25
##
  205
                  NA_sk_Precipitation_amount..40
                                                       1se
                                                                    s1c
                                                                         0.25
## 206
                  NA_sk_Precipitation_amount..40
                                                                    s1c
                                                                         0.25
                                                       min
## 207
                                                                         0.25
                              NA_sk_Snow_depth..1
                                                                    s1c
                                                       1se
## 208
                                                                         0.25
                              NA_sk_Snow_depth..1
                                                       min
                                                                    s1c
## 209
                              NA_sk_Snow_depth..4
                                                       1se
                                                                    s1c
                                                                         0.25
## 210
                              NA_sk_Snow_depth..4
                                                       min
                                                                    s1c
                                                                         0.25
## 211
                                                       1se
                                                                    s1c
                                                                         0.25
                                    NA_total_prec
## 212
                                    NA_total_prec
                                                       min
                                                                    s1c
                                                                         0.25
                                                                    s1c
## 213
                                                                         0.25
                                               NA.
                                                       1se
## 214
                                                                    s1c
                                                                         0.25
                                               NA.
                                                       min
## 215
                                       vegetative
                                                       1se
                                                                    s1c
                                                                         0.25
## 216
                                       vegetative
                                                       min
                                                                    s1c
                                                                         0.25
## 217
                                                       1se
                                                                    s1c
                                                                         0.25
                              vegetative_avg_temp
## 218
                                                                         0.25
                                                                    s1c
                              vegetative_avg_temp
                                                       min
## 219
          vegetative_fq_Maximum_temperature..31
                                                                    s1c
                                                                         0.25
                                                       1se
## 220
                                                                         0.25
          vegetative_fq_Maximum_temperature..31
                                                      min
                                                                    s1c
## 221
        vegetative fq Precipitation amount..0.1
                                                       1se
                                                                    s1c
                                                                         0.25
## 222
        vegetative_fq_Precipitation_amount..0.1
                                                                    s1c
                                                                         0.25
                                                       min
## 223
         vegetative_fq_Precipitation_amount..40
                                                                    s1c
                                                                         0.25
                                                       1se
## 224
         vegetative_fq_Precipitation_amount..40
                                                                    s1c
                                                                         0.25
                                                       min
  225
                                                                         0.25
                     vegetative fq Snow depth..1
                                                       1se
                                                                    s1c
## 226
                     vegetative_fq_Snow_depth..1
                                                                    s1c
                                                                         0.25
                                                       min
##
  227
                     vegetative_fq_Snow_depth..4
                                                       1se
                                                                    s1c
                                                                         0.25
## 228
                                                                    s1c
                                                                         0.25
                     vegetative_fq_Snow_depth..4
                                                       min
## 229
                          vegetative_length_days
                                                       1se
                                                                    s1c
                                                                         0.25
## 230
                                                                         0.25
                           vegetative_length_days
                                                       min
                                                                    s1c
                     vegetative_since_nyear_days
## 231
                                                       1se
                                                                    s1c
                                                                         0.25
## 232
                     vegetative_since_nyear_days
                                                       min
                                                                    s1c
                                                                         0.25
## 233
          vegetative_sk_Maximum_temperature..31
                                                       1se
                                                                    s1c
                                                                         0.25
   234
##
          vegetative_sk_Maximum_temperature..31
                                                       min
                                                                    s1c
                                                                         0.25
##
   235
                                                                         0.25
        vegetative_sk_Precipitation_amount..0.1
                                                                    s1c
                                                       1se
## 236
        vegetative_sk_Precipitation_amount..0.1
                                                       min
                                                                    s1c
                                                                         0.25
## 237
         vegetative_sk_Precipitation_amount..40
                                                                    s1c
                                                                         0.25
                                                       1se
## 238
         vegetative sk Precipitation amount..40
                                                                    s1c
                                                                         0.25
                                                       min
```

```
## 239
                     vegetative_sk_Snow_depth..1
                                                       1se
                                                                    s1c
                                                                         0.25
## 240
                                                                    s1c
                                                                         0.25
                     vegetative_sk_Snow_depth..1
                                                       min
## 241
                     vegetative sk Snow depth..4
                                                       1se
                                                                    s1c
                                                                         0.25
## 242
                                                                         0.25
                     vegetative_sk_Snow_depth..4
                                                                    s1c
                                                       min
## 243
                            vegetative_total_prec
                                                       1se
                                                                    s1c
                                                                         0.25
## 244
                                                                         0.25
                            vegetative_total_prec
                                                       min
                                                                    s1c
## 245
                                                       1se
                                                                    s1c
                                                                          0.5
                                              area
## 246
                                              area
                                                       min
                                                                    s1c
                                                                          0.5
## 247
                                  critical_events
                                                       1se
                                                                    s1c
                                                                          0.5
## 248
                                                                          0.5
                                  critical_events
                                                       min
                                                                    s1c
## 249
                                           filling
                                                       1se
                                                                    s1c
                                                                          0.5
## 250
                                                                          0.5
                                           filling
                                                       min
                                                                    s1c
## 251
                                 filling_avg_temp
                                                       1se
                                                                    s1c
                                                                          0.5
## 252
                                 filling_avg_temp
                                                       min
                                                                    s1c
                                                                          0.5
## 253
                                                                          0.5
              filling_fq_Maximum_temperature..31
                                                       1se
                                                                    s1c
## 254
              filling_fq_Maximum_temperature..31
                                                       min
                                                                    s1c
                                                                          0.5
## 255
                                                                          0.5
           filling_fq_Precipitation_amount..0.1
                                                                    s1c
                                                       1se
## 256
            filling fq Precipitation amount..0.1
                                                                    s1c
                                                                          0.5
                                                       min
## 257
                                                                          0.5
             filling_fq_Precipitation_amount..40
                                                       1se
                                                                    s1c
## 258
             filling_fq_Precipitation_amount..40
                                                       min
                                                                    s1c
                                                                          0.5
## 259
                         filling_fq_Snow_depth..1
                                                       1se
                                                                    s1c
                                                                          0.5
## 260
                         filling_fq_Snow_depth..1
                                                                    s1c
                                                                          0.5
                                                       min
## 261
                                                                          0.5
                              filling length days
                                                       1se
                                                                    s1c
## 262
                                                                          0.5
                              filling length days
                                                       min
                                                                    s1c
## 263
                                                                          0.5
                         filling_since_nyear_days
                                                       1se
                                                                    s1c
## 264
                         filling_since_nyear_days
                                                       min
                                                                    s1c
                                                                          0.5
## 265
                          filling_since_seed_days
                                                                          0.5
                                                       1se
                                                                    s1c
   266
##
                          filling_since_seed_days
                                                       min
                                                                    s1c
                                                                          0.5
## 267
                                                                          0.5
              filling_sk_Maximum_temperature..31
                                                       1se
                                                                    s1c
## 268
                                                                    s1c
              filling_sk_Maximum_temperature..31
                                                                          0.5
                                                       min
## 269
            filling_sk_Precipitation_amount..0.1
                                                       1se
                                                                    s1c
                                                                          0.5
## 270
           filling_sk_Precipitation_amount..0.1
                                                       min
                                                                    s1c
                                                                          0.5
## 271
                                                                          0.5
             filling_sk_Precipitation_amount..40
                                                       1se
                                                                    s1c
## 272
                                                                          0.5
             filling_sk_Precipitation_amount..40
                                                       min
                                                                    s1c
## 273
                         filling_sk_Snow_depth..1
                                                                    s1c
                                                                          0.5
                                                       1se
## 274
                                                                          0.5
                         filling_sk_Snow_depth..1
                                                       min
                                                                    s1c
## 275
                               filling total prec
                                                       1se
                                                                    s1c
                                                                          0.5
## 276
                               filling_total_prec
                                                                    s1c
                                                                          0.5
                                                       min
## 277
                                                                          0.5
                                        generative
                                                       1se
                                                                    s1c
## 278
                                                                          0.5
                                        generative
                                                       min
                                                                    s1c
## 279
                                                                          0.5
                              generative_avg_temp
                                                       1se
                                                                    s1c
## 280
                                                                          0.5
                              generative_avg_temp
                                                       min
                                                                    s1c
   281
##
           generative_fq_Maximum_temperature..31
                                                       1se
                                                                    s1c
                                                                          0.5
##
   282
           generative_fq_Maximum_temperature..31
                                                                    s1c
                                                                          0.5
                                                       min
  283
                                                                          0.5
        generative_fq_Precipitation_amount..0.1
                                                       1se
                                                                    s1c
## 284
                                                                          0.5
        generative_fq_Precipitation_amount..0.1
                                                       min
                                                                    s1c
  285
##
         generative_fq_Precipitation_amount..40
                                                       1se
                                                                    s1c
                                                                          0.5
## 286
                                                                          0.5
         generative_fq_Precipitation_amount..40
                                                       min
                                                                    s1c
## 287
                     generative_fq_Snow_depth..1
                                                       1se
                                                                    s1c
                                                                          0.5
## 288
                     generative_fq_Snow_depth..1
                                                       min
                                                                    s1c
                                                                          0.5
## 289
                                                                          0.5
                           generative_length_days
                                                       1se
                                                                    s1c
## 290
                           generative_length_days
                                                       min
                                                                    s1c
                                                                          0.5
## 291
                     generative_since_nyear_days
                                                                    s1c
                                                                          0.5
                                                       1se
## 292
                     generative since nyear days
                                                       min
                                                                          0.5
```

```
## 293
                      generative_since_seed_days
                                                                    s1c
                                                                          0.5
                                                       1se
## 294
                                                                          0.5
                      generative_since_seed_days
                                                       min
                                                                    s1c
## 295
          generative sk Maximum temperature..31
                                                       1se
                                                                    s1c
                                                                          0.5
  296
##
          generative_sk_Maximum_temperature..31
                                                                          0.5
                                                       min
                                                                    s1c
##
   297
        generative_sk_Precipitation_amount..0.1
                                                       1se
                                                                    s1c
                                                                          0.5
##
  298
        generative sk Precipitation amount..0.1
                                                                          0.5
                                                       min
                                                                    s1c
##
  299
         generative sk Precipitation amount..40
                                                                          0.5
                                                       1se
                                                                    s1c
## 300
         generative_sk_Precipitation_amount..40
                                                       min
                                                                    s1c
                                                                          0.5
##
   301
                     generative_sk_Snow_depth..1
                                                       1se
                                                                    s1c
                                                                          0.5
## 302
                                                                          0.5
                     generative_sk_Snow_depth..1
                                                       min
                                                                    s1c
  303
                            generative_total_prec
                                                       1se
                                                                    s1c
                                                                          0.5
## 304
                                                                          0.5
                            generative_total_prec
                                                       min
                                                                    s1c
##
   305
                                      NA_avg_temp
                                                       1se
                                                                    s1c
                                                                          0.5
## 306
                                                                          0.5
                                      NA_avg_temp
                                                       min
                                                                    s1c
## 307
                   NA\_fq\_Maximum\_temperature..31
                                                                          0.5
                                                       1se
                                                                    s1c
## 308
                   NA_fq_Maximum_temperature..31
                                                       min
                                                                    s1c
                                                                          0.5
## 309
                                                                          0.5
                  NA_fq_Minimum_temperature...15
                                                                    s1c
                                                       1se
## 310
                  NA fq Minimum temperature...15
                                                                    s1c
                                                                          0.5
                                                       min
## 311
                                                                          0.5
                 NA_fq_Precipitation_amount..0.1
                                                       1se
                                                                    s1c
## 312
                 NA fq Precipitation amount..0.1
                                                       min
                                                                    s1c
                                                                          0.5
## 313
                  NA_fq_Precipitation_amount..40
                                                       1se
                                                                    s1c
                                                                          0.5
## 314
                  NA_fq_Precipitation_amount..40
                                                                    s1c
                                                                          0.5
                                                       min
## 315
                                                                          0.5
                              NA_fq_Snow_depth..1
                                                                    s1c
                                                       1se
## 316
                                                                          0.5
                              NA_fq_Snow_depth..1
                                                       min
                                                                    s1c
## 317
                                                                          0.5
                              NA_fq_Snow_depth..4
                                                       1se
                                                                    s1c
## 318
                              NA_fq_Snow_depth..4
                                                       min
                                                                    s1c
                                                                          0.5
## 319
                                   NA_length_days
                                                                    s1c
                                                                          0.5
                                                       1se
  320
##
                                   NA_length_days
                                                       min
                                                                    s1c
                                                                          0.5
## 321
                                                                          0.5
                   NA_sk_Maximum_temperature..31
                                                       1se
                                                                    s1c
## 322
                                                                    s1c
                   NA_sk_Maximum_temperature..31
                                                                          0.5
                                                       min
## 323
                  NA_sk_Minimum_temperature...15
                                                       1se
                                                                    s1c
                                                                          0.5
## 324
                  NA_sk_Minimum_temperature...15
                                                       min
                                                                    s1c
                                                                          0.5
## 325
                                                                          0.5
                 NA_sk_Precipitation_amount..0.1
                                                       1se
                                                                    s1c
## 326
                                                                          0.5
                 NA_sk_Precipitation_amount..0.1
                                                                    s1c
                                                       min
  327
                  NA sk Precipitation amount..40
                                                                    s1c
                                                                          0.5
                                                       1se
## 328
                                                                          0.5
                  NA_sk_Precipitation_amount..40
                                                       min
                                                                    s1c
## 329
                              NA sk Snow depth..1
                                                       1se
                                                                    s1c
                                                                          0.5
## 330
                              NA_sk_Snow_depth..1
                                                                    s1c
                                                                          0.5
                                                       min
## 331
                              NA_sk_Snow_depth..4
                                                                          0.5
                                                       1se
                                                                    s1c
## 332
                                                                          0.5
                              NA_sk_Snow_depth..4
                                                       min
                                                                    s1c
## 333
                                                                          0.5
                                    NA_total_prec
                                                       1se
                                                                    s1c
## 334
                                    NA_total_prec
                                                                          0.5
                                                       min
                                                                    s1c
   335
##
                                               NA.
                                                       1se
                                                                    s1c
                                                                          0.5
  336
##
                                               NA.
                                                                    s1c
                                                                          0.5
                                                       min
## 337
                                                                          0.5
                                        vegetative
                                                       1se
                                                                    s1c
## 338
                                                                          0.5
                                        vegetative
                                                       min
                                                                    s1c
                              vegetative_avg_temp
## 339
                                                       1se
                                                                    s1c
                                                                          0.5
## 340
                                                                          0.5
                              vegetative_avg_temp
                                                       min
                                                                    s1c
##
  341
          vegetative_fq_Maximum_temperature..31
                                                       1se
                                                                    s1c
                                                                          0.5
  342
##
           vegetative_fq_Maximum_temperature..31
                                                       min
                                                                    s1c
                                                                          0.5
##
   343
        vegetative_fq_Precipitation_amount..0.1
                                                                          0.5
                                                                    s1c
                                                       1se
## 344
        vegetative_fq_Precipitation_amount..0.1
                                                       min
                                                                    s1c
                                                                          0.5
## 345
         vegetative_fq_Precipitation_amount..40
                                                                    s1c
                                                                          0.5
                                                       1se
## 346
         vegetative fq Precipitation amount..40
                                                                          0.5
                                                       min
```

```
## 347
                     vegetative_fq_Snow_depth..1
                                                                    s1c
                                                                          0.5
                                                       1se
## 348
                                                                          0.5
                     vegetative_fq_Snow_depth..1
                                                       min
                                                                    s1c
## 349
                     vegetative_fq_Snow_depth..4
                                                       1se
                                                                    s1c
                                                                          0.5
## 350
                     vegetative_fq_Snow_depth..4
                                                                    s1c
                                                                          0.5
                                                       min
##
   351
                          vegetative_length_days
                                                       1se
                                                                    s1c
                                                                          0.5
  352
                                                                          0.5
##
                          vegetative length days
                                                       min
                                                                    s1c
## 353
                     vegetative since nyear days
                                                                          0.5
                                                       1se
                                                                    s1c
## 354
                     vegetative_since_nyear_days
                                                       min
                                                                    s1c
                                                                          0.5
##
   355
          vegetative sk Maximum temperature..31
                                                       1se
                                                                    s1c
                                                                          0.5
##
  356
                                                                          0.5
           vegetative_sk_Maximum_temperature..31
                                                       min
                                                                    s1c
   357
        vegetative_sk_Precipitation_amount..0.1
                                                       1se
                                                                    s1c
                                                                          0.5
   358
        vegetative_sk_Precipitation_amount..0.1
                                                                          0.5
##
                                                       min
                                                                    s1c
##
   359
         vegetative_sk_Precipitation_amount..40
                                                       1se
                                                                    s1c
                                                                          0.5
   360
##
         vegetative_sk_Precipitation_amount..40
                                                       min
                                                                    s1c
                                                                          0.5
##
  361
                     vegetative_sk_Snow_depth..1
                                                                          0.5
                                                       1se
                                                                    s1c
## 362
                     vegetative_sk_Snow_depth..1
                                                       min
                                                                    s1c
                                                                          0.5
## 363
                                                                          0.5
                     vegetative_sk_Snow_depth..4
                                                       1se
                                                                    s1c
##
   364
                     vegetative sk Snow depth..4
                                                                    s1c
                                                                          0.5
                                                       min
## 365
                                                                          0.5
                            vegetative_total_prec
                                                       1se
                                                                    s1c
  366
                            vegetative_total_prec
                                                       min
                                                                    s1c
                                                                          0.5
##
  367
                                              area
                                                       1se
                                                                    s1c
                                                                         0.75
## 368
                                                                    s1c
                                                                         0.75
                                              area
                                                       min
                                                                    s1c
## 369
                                                                         0.75
                                  critical events
                                                       1se
## 370
                                                                         0.75
                                  critical events
                                                       min
                                                                    s1c
## 371
                                          filling
                                                       1se
                                                                    s1c
                                                                         0.75
  372
                                           filling
                                                       min
                                                                    s1c
                                                                         0.75
## 373
                                                       1se
                                                                    s1c
                                                                         0.75
                                 filling_avg_temp
   374
                                                                         0.75
                                 filling_avg_temp
                                                       min
                                                                    s1c
  375
                                                                    s1c
##
                                                                         0.75
             filling_fq_Maximum_temperature..31
                                                       1se
## 376
             filling_fq_Maximum_temperature..31
                                                       min
                                                                    s1c
                                                                         0.75
## 377
           filling_fq_Precipitation_amount..0.1
                                                       1se
                                                                    s1c
                                                                         0.75
## 378
           filling_fq_Precipitation_amount..0.1
                                                       min
                                                                    s1c
                                                                         0.75
## 379
            filling_fq_Precipitation_amount..40
                                                       1se
                                                                    s1c
                                                                         0.75
## 380
                                                                         0.75
             filling_fq_Precipitation_amount..40
                                                       min
                                                                    s1c
   381
##
                        filling_fq_Snow_depth..1
                                                       1se
                                                                    s1c
                                                                         0.75
##
  382
                                                                    s1c
                                                                         0.75
                        filling_fq_Snow_depth..1
                                                       min
## 383
                              filling length days
                                                       1se
                                                                    s1c
                                                                         0.75
## 384
                              filling_length_days
                                                                    s1c
                                                                         0.75
                                                       min
## 385
                        filling_since_nyear_days
                                                                    s1c
                                                                         0.75
                                                       1se
## 386
                                                                    s1c
                                                                         0.75
                        filling_since_nyear_days
                                                       min
   387
                                                                         0.75
                         filling since seed days
                                                       1se
                                                                    s1c
##
  388
                         filling since seed days
                                                                    s1c
                                                                         0.75
                                                       min
   389
##
             filling sk Maximum temperature..31
                                                       1se
                                                                    s1c
                                                                         0.75
  390
##
             filling_sk_Maximum_temperature..31
                                                                    s1c
                                                                         0.75
                                                       min
## 391
           filling_sk_Precipitation_amount..0.1
                                                       1se
                                                                    s1c
                                                                         0.75
## 392
                                                                    s1c
                                                                         0.75
           filling_sk_Precipitation_amount..0.1
                                                       min
## 393
             filling_sk_Precipitation_amount..40
                                                       1se
                                                                    s1c
                                                                         0.75
## 394
                                                                         0.75
             filling_sk_Precipitation_amount..40
                                                       min
                                                                    s1c
## 395
                        filling_sk_Snow_depth..1
                                                       1se
                                                                    s1c
                                                                         0.75
  396
##
                        filling_sk_Snow_depth..1
                                                       min
                                                                    s1c
                                                                         0.75
##
  397
                                                                         0.75
                               filling_total_prec
                                                       1se
                                                                    s1c
## 398
                               filling_total_prec
                                                       min
                                                                    s1c
                                                                         0.75
## 399
                                        generative
                                                       1se
                                                                    s1c
                                                                         0.75
## 400
                                        generative
                                                       min
                                                                    s1c
                                                                         0.75
```

```
## 401
                                                                   s1c
                                                                        0.75
                              generative_avg_temp
                                                      1se
## 402
                                                                   s1c
                                                                        0.75
                                                      min
                              generative_avg_temp
## 403
          generative fq Maximum temperature..31
                                                      1se
                                                                   s1c
                                                                        0.75
  404
                                                                        0.75
##
          generative_fq_Maximum_temperature..31
                                                                   s1c
                                                      min
##
   405
        generative_fq_Precipitation_amount..0.1
                                                      1se
                                                                   s1c
                                                                         0.75
   406
                                                                        0.75
##
        generative fq Precipitation amount..0.1
                                                      min
                                                                   s1c
##
  407
                                                                         0.75
         generative fq Precipitation amount..40
                                                      1se
                                                                   s1c
## 408
                                                                        0.75
         generative_fq_Precipitation_amount..40
                                                      min
                                                                   s1c
## 409
                     generative_fq_Snow_depth..1
                                                      1se
                                                                   s1c
                                                                        0.75
## 410
                     generative_fq_Snow_depth..1
                                                      min
                                                                   s1c
                                                                        0.75
## 411
                          generative_length_days
                                                      1se
                                                                   s1c
                                                                        0.75
## 412
                                                                        0.75
                          generative_length_days
                                                      min
                                                                   s1c
## 413
                     generative_since_nyear_days
                                                      1se
                                                                   s1c
                                                                        0.75
## 414
                                                                        0.75
                     generative_since_nyear_days
                                                      min
                                                                   s1c
## 415
                                                                   s1c
                                                                        0.75
                      generative_since_seed_days
                                                      1se
## 416
                      generative_since_seed_days
                                                      min
                                                                   s1c
                                                                        0.75
## 417
                                                                        0.75
          generative_sk_Maximum_temperature..31
                                                                   s1c
                                                      1se
## 418
          generative sk Maximum temperature..31
                                                                   s1c
                                                                        0.75
                                                      min
## 419
                                                                        0.75
        generative_sk_Precipitation_amount..0.1
                                                                   s1c
                                                      1se
## 420
        generative sk Precipitation amount..0.1
                                                      min
                                                                   s1c
                                                                        0.75
##
  421
         generative_sk_Precipitation_amount..40
                                                      1se
                                                                   s1c
                                                                        0.75
## 422
         generative_sk_Precipitation_amount..40
                                                                   s1c
                                                                         0.75
                                                      min
## 423
                                                                   s1c
                                                                        0.75
                     generative sk Snow depth..1
                                                      1se
## 424
                                                                         0.75
                     generative sk Snow depth..1
                                                      min
                                                                   s1c
## 425
                           generative_total_prec
                                                      1se
                                                                   s1c
                                                                        0.75
## 426
                           generative_total_prec
                                                      min
                                                                   s1c
                                                                        0.75
## 427
                                      NA_avg_temp
                                                                   s1c
                                                                        0.75
                                                      1se
  428
                                                                        0.75
##
                                      NA_avg_temp
                                                      min
                                                                   s1c
## 429
                                                                   s1c
                                                                        0.75
                   NA_fq_Maximum_temperature..31
                                                      1se
## 430
                                                                   s1c
                                                                        0.75
                   NA_fq_Maximum_temperature..31
                                                      min
## 431
                  NA_fq_Minimum_temperature...15
                                                      1se
                                                                   s1c
                                                                        0.75
## 432
                  NA_fq_Minimum_temperature...15
                                                      min
                                                                   s1c
                                                                        0.75
## 433
                 NA_fq_Precipitation_amount..0.1
                                                      1se
                                                                   s1c
                                                                        0.75
## 434
                                                                        0.75
                 NA_fq_Precipitation_amount..0.1
                                                                   s1c
                                                      min
## 435
                  NA fg Precipitation amount..40
                                                                   s1c
                                                                        0.75
                                                      1se
## 436
                                                                        0.75
                  NA_fq_Precipitation_amount..40
                                                      min
                                                                   s1c
## 437
                              NA fq Snow depth..1
                                                      1se
                                                                   s1c
                                                                        0.75
## 438
                              NA_fq_Snow_depth..1
                                                                   s1c
                                                                         0.75
                                                      min
## 439
                                                                   s1c
                                                                         0.75
                              NA_fq_Snow_depth..4
                                                      1se
## 440
                                                                   s1c
                                                                        0.75
                              NA_fq_Snow_depth..4
                                                      min
## 441
                                                                        0.75
                                   NA_length_days
                                                      1se
                                                                   s1c
## 442
                                                                   s1c
                                                                        0.75
                                   NA length days
                                                      min
  443
                   NA sk Maximum temperature..31
                                                      1se
                                                                   s1c
                                                                        0.75
## 444
                                                                   s1c
                                                                        0.75
                   NA_sk_Maximum_temperature..31
                                                      min
## 445
                                                                        0.75
                  NA_sk_Minimum_temperature...15
                                                      1se
                                                                   s1c
## 446
                                                                   s1c
                                                                        0.75
                  NA_sk_Minimum_temperature...15
                                                      min
## 447
                 NA_sk_Precipitation_amount..0.1
                                                      1se
                                                                   s1c
                                                                        0.75
## 448
                                                                        0.75
                 NA_sk_Precipitation_amount..0.1
                                                      min
                                                                   s1c
## 449
                  NA_sk_Precipitation_amount..40
                                                      1se
                                                                   s1c
                                                                        0.75
## 450
                  NA_sk_Precipitation_amount..40
                                                      min
                                                                   s1c
                                                                        0.75
## 451
                                                                        0.75
                              NA_sk_Snow_depth..1
                                                                   s1c
                                                      1se
## 452
                              NA_sk_Snow_depth..1
                                                      min
                                                                   s1c
                                                                        0.75
## 453
                              NA_sk_Snow_depth..4
                                                                   s1c
                                                                        0.75
                                                      1se
## 454
                              NA sk Snow depth..4
                                                                   s1c
                                                                        0.75
                                                      min
```

```
## 455
                                    NA_total_prec
                                                       1se
                                                                    s1c
                                                                         0.75
## 456
                                                                    s1c
                                                                         0.75
                                    NA_total_prec
                                                       min
## 457
                                               NA.
                                                       1se
                                                                    s1c
                                                                         0.75
  458
##
                                               NA.
                                                                    s1c
                                                                         0.75
                                                       min
##
  459
                                        vegetative
                                                       1se
                                                                    s1c
                                                                         0.75
  460
                                                                    s1c
                                                                         0.75
##
                                        vegetative
                                                       min
## 461
                                                                         0.75
                              vegetative_avg_temp
                                                       1se
                                                                    s1c
## 462
                              vegetative_avg_temp
                                                                         0.75
                                                       min
                                                                    s1c
## 463
          vegetative_fq_Maximum_temperature..31
                                                       1se
                                                                    s1c
                                                                         0.75
## 464
           vegetative_fq_Maximum_temperature..31
                                                       min
                                                                    s1c
                                                                         0.75
  465
        vegetative_fq_Precipitation_amount..0.1
                                                       1se
                                                                    s1c
                                                                         0.75
   466
        vegetative_fq_Precipitation_amount..0.1
                                                                    s1c
                                                                         0.75
##
                                                       min
##
   467
         vegetative_fq_Precipitation_amount..40
                                                       1se
                                                                    s1c
                                                                         0.75
  468
                                                                         0.75
##
         vegetative_fq_Precipitation_amount..40
                                                       min
                                                                    s1c
## 469
                     vegetative_fq_Snow_depth..1
                                                                    s1c
                                                                         0.75
                                                       1se
## 470
                     vegetative_fq_Snow_depth..1
                                                       min
                                                                    s1c
                                                                         0.75
## 471
                                                                         0.75
                     vegetative_fq_Snow_depth..4
                                                       1se
                                                                    s1c
## 472
                     vegetative_fq_Snow_depth..4
                                                                    s1c
                                                                         0.75
                                                       min
## 473
                                                                         0.75
                           vegetative_length_days
                                                       1se
                                                                    s1c
## 474
                           vegetative_length_days
                                                       min
                                                                    s1c
                                                                         0.75
## 475
                     vegetative_since_nyear_days
                                                       1se
                                                                    s1c
                                                                         0.75
## 476
                     vegetative_since_nyear_days
                                                                    s1c
                                                                         0.75
                                                       min
## 477
          vegetative_sk_Maximum_temperature..31
                                                                    s1c
                                                                         0.75
                                                       1se
## 478
           vegetative sk Maximum temperature..31
                                                                    s1c
                                                                         0.75
                                                       min
                                                                    s1c
## 479
        vegetative sk Precipitation amount..0.1
                                                       1se
                                                                         0.75
  480
        vegetative_sk_Precipitation_amount..0.1
                                                       min
                                                                    s1c
                                                                         0.75
##
  481
         vegetative_sk_Precipitation_amount..40
                                                                    s1c
                                                                         0.75
                                                       1se
   482
                                                                         0.75
##
         vegetative_sk_Precipitation_amount..40
                                                       min
                                                                    s1c
## 483
                                                                    s1c
                     vegetative_sk_Snow_depth..1
                                                                         0.75
                                                       1se
## 484
                     vegetative_sk_Snow_depth..1
                                                       min
                                                                    s1c
                                                                         0.75
## 485
                     vegetative_sk_Snow_depth..4
                                                       1se
                                                                    s1c
                                                                         0.75
## 486
                     vegetative_sk_Snow_depth..4
                                                       min
                                                                    s1c
                                                                         0.75
## 487
                            vegetative_total_prec
                                                       1se
                                                                    s1c
                                                                         0.75
## 488
                                                                         0.75
                                                       min
                                                                    s1c
                            vegetative_total_prec
## 489
                                                       1se
                                                                    s1c
                                                                            1
                                              area
## 490
                                                                    s1c
                                              area
                                                       min
                                                                            1
## 491
                                  critical events
                                                       1se
                                                                    s1c
                                                                            1
## 492
                                  critical_events
                                                       min
                                                                    s1c
                                                                            1
## 493
                                           filling
                                                                    s1c
                                                       1se
## 494
                                           filling
                                                       min
                                                                    s1c
                                                                            1
## 495
                                 filling avg temp
                                                       1se
                                                                    s1c
                                                                            1
## 496
                                 filling_avg_temp
                                                       min
                                                                    s1c
                                                                            1
  497
##
             filling_fq_Maximum_temperature..31
                                                       1se
                                                                    s1c
                                                                            1
## 498
             filling_fq_Maximum_temperature..31
                                                                    s1c
                                                       min
                                                                            1
## 499
           filling_fq_Precipitation_amount..0.1
                                                       1se
                                                                    s1c
                                                                            1
## 500
           filling_fq_Precipitation_amount..0.1
                                                       min
                                                                    s1c
                                                                            1
## 501
             filling_fq_Precipitation_amount..40
                                                       1se
                                                                    s1c
                                                                            1
## 502
             filling_fq_Precipitation_amount..40
                                                       min
                                                                    s1c
                                                                            1
## 503
                         filling_fq_Snow_depth..1
                                                       1se
                                                                    s1c
                                                                            1
## 504
                         filling_fq_Snow_depth..1
                                                       min
                                                                    s1c
                                                                            1
## 505
                              filling_length_days
                                                       1se
                                                                    s1c
                                                                            1
## 506
                              filling_length_days
                                                       min
                                                                    s1c
                                                                            1
## 507
                         filling_since_nyear_days
                                                                    s1c
                                                                            1
                                                       1se
## 508
                         filling since nyear days
                                                       min
                                                                            1
                                                                    s1c
```

```
## 509
                           filling_since_seed_days
                                                          1se
                                                                        s1c
                                                                                 1
## 510
                                                                                 1
                           filling_since_seed_days
                                                          min
                                                                        s1c
## 511
              filling sk Maximum temperature..31
                                                          1se
                                                                        s1c
                                                                                 1
## 512
              filling_sk_Maximum_temperature..31
                                                          min
                                                                        s1c
                                                                                 1
## 513
            filling_sk_Precipitation_amount..0.1
                                                          1se
                                                                        s1c
                                                                                 1
## 514
            filling sk Precipitation amount..0.1
                                                          min
                                                                        s1c
                                                                                 1
## 515
             filling sk Precipitation amount..40
                                                          1se
                                                                        s1c
                                                                                 1
## 516
             filling_sk_Precipitation_amount..40
                                                          min
                                                                        s1c
                                                                                 1
## 517
                          filling_sk_Snow_depth..1
                                                          1se
                                                                        s1c
                                                                                 1
## 518
                          filling_sk_Snow_depth..1
                                                          min
                                                                        s<sub>1</sub>c
                                                                                 1
## 519
                                 filling_total_prec
                                                          1se
                                                                        s1c
                                                                                 1
## 520
                                 filling_total_prec
                                                          min
                                                                        s1c
                                                                                 1
## 521
                                          generative
                                                          1se
                                                                        s<sub>1</sub>c
                                                                                 1
## 522
                                          generative
                                                          min
                                                                        s1c
                                                                                 1
## 523
                                generative_avg_temp
                                                          1se
                                                                        s<sub>1</sub>c
                                                                                 1
## 524
                                                          min
                                                                                 1
                                generative_avg_temp
## 525
           generative_fq_Maximum_temperature..31
                                                          1se
                                                                                 1
                                                                        s<sub>1</sub>c
##
  526
           generative_fq_Maximum_temperature..31
                                                          min
                                                                        s<sub>1</sub>c
##
  527
         generative_fq_Precipitation_amount..0.1
                                                          1se
                                                                                 1
                                                                        s1c
##
  528
         generative_fq_Precipitation_amount..0.1
                                                          min
                                                                        s1c
                                                                                 1
##
  529
          generative_fq_Precipitation_amount..40
                                                          1se
                                                                        s1c
                                                                                 1
## 530
          generative_fq_Precipitation_amount..40
                                                          min
                                                                        s1c
## 531
                      generative_fq_Snow_depth..1
                                                          1se
                                                                        s1c
                                                                                 1
## 532
                      generative_fq_Snow_depth..1
                                                          min
                                                                        s1c
                                                                                 1
## 533
                            generative_length_days
                                                          1se
                                                                        s1c
                                                                                 1
## 534
                            generative_length_days
                                                          min
                                                                        s1c
                                                                                 1
## 535
                       generative_since_nyear_days
                                                          1se
                                                                        s<sub>1</sub>c
                                                                                 1
## 536
                      generative_since_nyear_days
                                                          min
                                                                        s1c
                                                                                 1
## 537
                        generative_since_seed_days
                                                          1se
                                                                        s1c
                                                                                 1
## 538
                        generative_since_seed_days
                                                          min
                                                                        s1c
                                                                                 1
## 539
           generative_sk_Maximum_temperature..31
                                                          1se
                                                                        s1c
                                                                                 1
## 540
           generative_sk_Maximum_temperature..31
                                                          min
                                                                                 1
                                                                        s1c
  541
##
         generative_sk_Precipitation_amount..0.1
                                                          1se
                                                                                 1
## 542
         generative_sk_Precipitation_amount..0.1
                                                          min
                                                                        s1c
                                                                                 1
## 543
          generative sk Precipitation amount..40
                                                                                 1
                                                          1se
                                                                        s<sub>1</sub>c
## 544
          generative_sk_Precipitation_amount..40
                                                          min
                                                                        s1c
                                                                                 1
## 545
                      generative sk Snow depth..1
                                                          1se
                                                                        s1c
                                                                                 1
## 546
                      generative_sk_Snow_depth..1
                                                          min
                                                                        s1c
                                                                                 1
## 547
                             generative_total_prec
                                                          1se
## 548
                             generative_total_prec
                                                          min
                                                                        s1c
                                                                                 1
## 549
                                         NA_avg_temp
                                                          1se
                                                                        s1c
                                                                                 1
## 550
                                         NA avg temp
                                                          min
                                                                        s1c
                                                                                 1
##
  551
                    NA_fq_Maximum_temperature..31
                                                          1se
                                                                        s1c
                                                                                 1
## 552
                    NA_fq_Maximum_temperature..31
                                                          min
                                                                        s<sub>1</sub>c
                                                                                 1
## 553
                   NA_fq_Minimum_temperature...15
                                                          1se
                                                                        s1c
                                                                                 1
## 554
                   NA_fq_Minimum_temperature...15
                                                          min
                                                                        s1c
                                                                                 1
## 555
                  NA_fq_Precipitation_amount..0.1
                                                          1se
                                                                        s<sub>1</sub>c
                                                                                 1
## 556
                  NA_fq_Precipitation_amount..0.1
                                                          min
                                                                        s1c
                                                                                 1
                   NA\_fq\_Precipitation\_amount..40
## 557
                                                          1se
                                                                                 1
                                                                        s<sub>1</sub>c
## 558
                   NA_fq_Precipitation_amount..40
                                                          min
                                                                                 1
                                                                        s<sub>1</sub>c
## 559
                                NA_fq_Snow_depth..1
                                                          1se
                                                                                 1
                                                                        s<sub>1</sub>c
## 560
                                NA_fq_Snow_depth..1
                                                          min
                                                                        s1c
                                                                                 1
## 561
                                NA_fq_Snow_depth..4
                                                          1se
                                                                                 1
                                                                        s1c
## 562
                                NA_fq_Snow_depth..4
                                                          min
                                                                                 1
```

```
## 563
                                    NA_length_days
                                                        1se
                                                                     s1c
                                                                             1
## 564
                                                                             1
                                    NA_length_days
                                                       min
                                                                     s1c
## 565
                   NA sk Maximum temperature..31
                                                        1se
                                                                     s1c
                                                                              1
## 566
                   NA_sk_Maximum_temperature..31
                                                        min
                                                                     s1c
                                                                             1
## 567
                  NA_sk_Minimum_temperature...15
                                                        1se
                                                                     s1c
                                                                             1
## 568
                                                                     s1c
                  NA sk Minimum temperature...15
                                                        min
                                                                             1
## 569
                 NA sk Precipitation amount..0.1
                                                        1se
                                                                     s1c
                                                                             1
## 570
                 NA_sk_Precipitation_amount..0.1
                                                        min
                                                                     s1c
                                                                             1
## 571
                  NA_sk_Precipitation_amount..40
                                                        1se
                                                                     s1c
                                                                             1
## 572
                  NA_sk_Precipitation_amount..40
                                                        min
                                                                     s1c
                                                                             1
## 573
                              NA_sk_Snow_depth..1
                                                        1se
                                                                     s1c
                                                                             1
## 574
                              NA_sk_Snow_depth..1
                                                        min
                                                                     s1c
                                                                             1
##
  575
                              NA_sk_Snow_depth..4
                                                        1se
                                                                     s1c
                                                                             1
## 576
                              NA_sk_Snow_depth..4
                                                        min
                                                                     s1c
                                                                             1
## 577
                                     NA_total_prec
                                                        1se
                                                                     s1c
                                                                             1
## 578
                                     NA_total_prec
                                                        min
                                                                     s1c
                                                                              1
## 579
                                                        1se
                                                                             1
                                                NA.
                                                                     s1c
## 580
                                                NA.
                                                                             1
                                                        min
                                                                     s<sub>1</sub>c
## 581
                                        vegetative
                                                        1se
                                                                     s1c
                                                                             1
## 582
                                        vegetative
                                                        min
                                                                     s1c
                                                                             1
## 583
                              vegetative_avg_temp
                                                        1se
                                                                     s1c
                                                                             1
## 584
                                                                     s1c
                                                                             1
                              vegetative_avg_temp
                                                        min
## 585
           vegetative_fq_Maximum_temperature..31
                                                        1se
                                                                     s1c
                                                                             1
           vegetative_fq_Maximum_temperature..31
  586
##
                                                        min
                                                                     s1c
                                                                             1
## 587
        vegetative_fq_Precipitation_amount..0.1
                                                        1se
                                                                     s1c
                                                                             1
   588
        vegetative_fq_Precipitation_amount..0.1
                                                        min
                                                                     s1c
                                                                             1
##
   589
         vegetative_fq_Precipitation_amount..40
                                                        1se
                                                                     s1c
                                                                             1
   590
##
         vegetative_fq_Precipitation_amount..40
                                                        min
                                                                     s1c
                                                                             1
## 591
                     vegetative_fq_Snow_depth..1
                                                        1se
                                                                     s1c
                                                                             1
## 592
                     vegetative_fq_Snow_depth..1
                                                        min
                                                                     s1c
                                                                             1
## 593
                     vegetative_fq_Snow_depth..4
                                                        1se
                                                                     s1c
                                                                              1
## 594
                     vegetative_fq_Snow_depth..4
                                                        min
                                                                     s1c
                                                                             1
## 595
                           vegetative_length_days
                                                        1se
                                                                     s1c
                                                                              1
## 596
                           vegetative_length_days
                                                        min
                                                                     s1c
                                                                             1
## 597
                     vegetative since nyear days
                                                        1se
                                                                     s1c
                                                                             1
## 598
                     vegetative_since_nyear_days
                                                       min
                                                                     s1c
                                                                             1
## 599
           vegetative sk Maximum temperature..31
                                                        1se
                                                                     s1c
                                                                             1
## 600
           vegetative_sk_Maximum_temperature..31
                                                        min
                                                                     s1c
                                                                             1
## 601
        vegetative_sk_Precipitation_amount..0.1
                                                                     s1c
                                                        1se
                                                                              1
## 602
        vegetative_sk_Precipitation_amount..0.1
                                                        min
                                                                     s1c
                                                                             1
  603
         vegetative sk Precipitation amount..40
                                                        1se
                                                                     s1c
                                                                             1
## 604
         vegetative_sk_Precipitation_amount..40
                                                        min
                                                                     s1c
                                                                             1
   605
##
                     vegetative_sk_Snow_depth..1
                                                        1se
                                                                     s1c
                                                                             1
  606
##
                     vegetative_sk_Snow_depth..1
                                                                     s1c
                                                        min
                                                                             1
## 607
                     vegetative_sk_Snow_depth..4
                                                        1se
                                                                     s1c
                                                                             1
## 608
                     vegetative_sk_Snow_depth..4
                                                        min
                                                                     s1c
                                                                             1
## 609
                            vegetative_total_prec
                                                        1se
                                                                     s1c
                                                                             1
## 610
                            vegetative_total_prec
                                                        min
                                                                     s1c
                                                                             1
## 611
                                                        1se
                                                                             0
                                               area
                                                                     stc
## 612
                                                        min
                                                                             0
                                               area
                                                                     stc
## 613
                                                                             0
                                   critical_events
                                                        1se
                                                                     stc
## 614
                                   critical_events
                                                        min
                                                                     stc
                                                                             0
## 615
                                           filling
                                                        1se
                                                                             0
                                                                     stc
## 616
                                           filling
                                                        min
                                                                             0
```

```
## 617
                                 filling_avg_temp
                                                       1se
                                                                             0
                                                                    stc
## 618
                                                                             0
                                 filling_avg_temp
                                                       min
                                                                    stc
## 619
              filling fq Maximum temperature..31
                                                       1se
                                                                    stc
                                                                             0
## 620
              filling_fq_Maximum_temperature..31
                                                       min
                                                                             0
                                                                    stc
## 621
            filling_fq_Precipitation_amount..0.1
                                                       1se
                                                                    stc
                                                                             0
## 622
           filling fq Precipitation amount..0.1
                                                                             0
                                                       min
                                                                    stc
## 623
            filling fq Precipitation amount..40
                                                       1se
                                                                    stc
                                                                             0
             filling_fq_Precipitation_amount..40
## 624
                                                       min
                                                                    stc
                                                                             0
## 625
                         filling_fq_Snow_depth..1
                                                       1se
                                                                             0
                                                                    stc
## 626
                        filling_fq_Snow_depth..1
                                                       min
                                                                    stc
                                                                             0
## 627
                              filling_length_days
                                                       1se
                                                                             0
                                                                    stc
## 628
                              filling_length_days
                                                                             0
                                                       min
                                                                    stc
## 629
                        filling_since_nyear_days
                                                       1se
                                                                             0
                                                                    stc
## 630
                         filling_since_nyear_days
                                                       min
                                                                    stc
                                                                             0
## 631
                          filling_since_seed_days
                                                                             0
                                                       1se
                                                                    stc
## 632
                          filling_since_seed_days
                                                       min
                                                                             0
                                                                    stc
## 633
                                                                             0
              filling_sk_Maximum_temperature..31
                                                       1se
                                                                    stc
## 634
              filling sk Maximum temperature..31
                                                       min
                                                                             0
                                                                    stc
           filling_sk_Precipitation_amount..0.1
## 635
                                                                             0
                                                       1se
                                                                    stc
## 636
           filling sk Precipitation amount..0.1
                                                       min
                                                                    stc
                                                                             0
##
  637
            filling_sk_Precipitation_amount..40
                                                       1se
                                                                    stc
                                                                             0
## 638
             filling_sk_Precipitation_amount..40
                                                                             0
                                                       min
                                                                    stc
## 639
                         filling_sk_Snow_depth..1
                                                                             0
                                                       1se
                                                                    stc
## 640
                         filling sk Snow depth..1
                                                       min
                                                                    stc
                                                                             0
## 641
                               filling_total_prec
                                                       1se
                                                                    stc
                                                                             0
## 642
                               filling_total_prec
                                                       min
                                                                    stc
                                                                             0
## 643
                                        generative
                                                       1se
                                                                             0
                                                                    stc
   644
                                        generative
                                                       min
                                                                             0
                                                                    stc
## 645
                                                                             0
                              generative_avg_temp
                                                       1se
                                                                    stc
## 646
                              generative_avg_temp
                                                       min
                                                                    stc
                                                                             0
## 647
           generative_fq_Maximum_temperature..31
                                                       1se
                                                                    stc
                                                                             0
##
  648
           generative_fq_Maximum_temperature..31
                                                       min
                                                                             0
                                                                    stc
##
   649
        generative_fq_Precipitation_amount..0.1
                                                       1se
                                                                             0
                                                                    stc
   650
                                                                             0
##
        generative_fq_Precipitation_amount..0.1
                                                       min
                                                                    stc
##
   651
         generative fg Precipitation amount..40
                                                       1se
                                                                             0
                                                                    stc
##
   652
                                                                             0
         generative_fq_Precipitation_amount..40
                                                       min
                                                                    stc
## 653
                     generative fq Snow depth..1
                                                       1se
                                                                    stc
                                                                             0
## 654
                     generative_fq_Snow_depth..1
                                                       min
                                                                             0
                                                                    stc
## 655
                           generative_length_days
                                                       1se
                                                                             0
                                                                    stc
## 656
                                                                             0
                           generative_length_days
                                                       min
                                                                    stc
## 657
                                                                             0
                     generative since nyear days
                                                       1se
                                                                    stc
## 658
                     generative since nyear days
                                                       min
                                                                             0
                                                                    stc
##
  659
                      generative_since_seed_days
                                                       1se
                                                                    stc
                                                                             0
## 660
                                                                             0
                      generative_since_seed_days
                                                       min
                                                                    stc
## 661
          generative_sk_Maximum_temperature..31
                                                       1se
                                                                             0
                                                                    stc
## 662
           generative_sk_Maximum_temperature..31
                                                                             0
                                                       min
                                                                    stc
##
  663
        generative_sk_Precipitation_amount..0.1
                                                       1se
                                                                    stc
                                                                             0
  664
                                                                             0
##
        generative_sk_Precipitation_amount..0.1
                                                       min
                                                                    stc
         generative_sk_Precipitation_amount..40
##
  665
                                                       1se
                                                                             0
                                                                    stc
##
   666
         generative_sk_Precipitation_amount..40
                                                       min
                                                                             0
                                                                    stc
##
   667
                     generative_sk_Snow_depth..1
                                                                             0
                                                       1se
                                                                    stc
## 668
                     generative sk Snow depth..1
                                                       min
                                                                    stc
                                                                             0
## 669
                            generative_total_prec
                                                       1se
                                                                             0
                                                                    stc
## 670
                            generative total prec
                                                       min
                                                                             0
```

```
## 671
                                       NA_avg_temp
                                                       1se
                                                                             0
                                                                     stc
## 672
                                                                             0
                                       NA_avg_temp
                                                       min
                                                                    stc
                   NA fq Maximum temperature..31
## 673
                                                       1se
                                                                    stc
                                                                             0
##
  674
                   NA_fq_Maximum_temperature..31
                                                                             0
                                                       min
                                                                    stc
##
   675
                  NA_fq_Minimum_temperature...15
                                                       1se
                                                                     stc
                                                                             0
  676
##
                  NA fq Minimum temperature...15
                                                       min
                                                                             0
                                                                     stc
## 677
                 NA fq Precipitation amount..0.1
                                                       1se
                                                                    stc
                                                                             0
## 678
                 NA_fq_Precipitation_amount..0.1
                                                       min
                                                                     stc
                                                                             0
##
  679
                  NA_fq_Precipitation_amount..40
                                                       1se
                                                                             0
                                                                     stc
## 680
                  NA_fq_Precipitation_amount..40
                                                       min
                                                                    stc
                                                                             0
##
  681
                              NA_fq_Snow_depth..1
                                                       1se
                                                                             0
                                                                    stc
## 682
                                                                             0
                              NA_fq_Snow_depth..1
                                                       min
                                                                    stc
##
   683
                              NA_fq_Snow_depth..4
                                                       1se
                                                                             0
                                                                     stc
## 684
                              NA_fq_Snow_depth..4
                                                       min
                                                                     stc
                                                                             0
## 685
                                                                             0
                                    NA_length_days
                                                       1se
                                                                     stc
## 686
                                    NA_length_days
                                                       min
                                                                             0
                                                                     stc
## 687
                   NA_sk_Maximum_temperature..31
                                                       1se
                                                                             0
                                                                    stc
##
  688
                   NA sk Maximum temperature..31
                                                                             0
                                                       min
                                                                    stc
  689
                                                                             0
##
                  NA_sk_Minimum_temperature...15
                                                       1se
                                                                    stc
##
  690
                  NA_sk_Minimum_temperature...15
                                                       min
                                                                     stc
                                                                             0
##
  691
                 NA_sk_Precipitation_amount..0.1
                                                       1se
                                                                     stc
                                                                             0
  692
                 NA_sk_Precipitation_amount..0.1
                                                                             0
                                                       min
                                                                     stc
## 693
                  NA_sk_Precipitation_amount..40
                                                                             0
                                                       1se
                                                                    stc
  694
                  NA sk Precipitation amount..40
##
                                                       min
                                                                     stc
                                                                             0
## 695
                              NA_sk_Snow_depth..1
                                                       1se
                                                                    stc
                                                                             0
  696
                              NA_sk_Snow_depth..1
                                                       min
                                                                    stc
                                                                             0
## 697
                                                       1se
                                                                             0
                              NA_sk_Snow_depth..4
                                                                    stc
   698
##
                              NA_sk_Snow_depth..4
                                                       min
                                                                     stc
                                                                             0
## 699
                                                                             0
                                     NA_total_prec
                                                       1se
                                                                     stc
## 700
                                     NA_total_prec
                                                       min
                                                                             0
                                                                    stc
## 701
                                                NA.
                                                       1se
                                                                     stc
                                                                             0
## 702
                                                NA.
                                                       min
                                                                             0
                                                                     stc
## 703
                                        vegetative
                                                       1se
                                                                             0
                                                                     stc
  704
                                                                             0
##
                                        vegetative
                                                       min
                                                                    stc
##
  705
                              vegetative_avg_temp
                                                                             0
                                                       1se
                                                                     stc
##
  706
                                                                             0
                              vegetative_avg_temp
                                                       min
                                                                    stc
##
  707
          vegetative_fq_Maximum_temperature..31
                                                       1se
                                                                     stc
                                                                             0
## 708
           vegetative_fq_Maximum_temperature..31
                                                                             0
                                                       min
                                                                    stc
##
  709
        vegetative_fq_Precipitation_amount..0.1
                                                                             0
                                                       1se
                                                                     stc
##
  710
        vegetative_fq_Precipitation_amount..0.1
                                                                             0
                                                       min
                                                                    stc
  711
         vegetative fq Precipitation amount..40
                                                                             0
                                                       1se
                                                                    stc
##
  712
         vegetative_fq_Precipitation_amount..40
                                                                             0
                                                       min
                                                                    stc
   713
##
                     vegetative_fq_Snow_depth..1
                                                       1se
                                                                     stc
                                                                             0
##
  714
                     vegetative_fq_Snow_depth..1
                                                                             0
                                                       min
                                                                     stc
## 715
                     vegetative_fq_Snow_depth..4
                                                       1se
                                                                    stc
                                                                             0
## 716
                                                                             0
                     vegetative_fq_Snow_depth..4
                                                       min
                                                                     stc
##
  717
                           vegetative_length_days
                                                       1se
                                                                     stc
                                                                             0
## 718
                           vegetative_length_days
                                                       min
                                                                     stc
                                                                             0
## 719
                     vegetative_since_nyear_days
                                                       1se
                                                                             0
                                                                    stc
  720
##
                     vegetative_since_nyear_days
                                                       min
                                                                             0
                                                                     stc
##
  721
                                                                             0
           vegetative_sk_Maximum_temperature..31
                                                       1se
                                                                     stc
## 722
           vegetative_sk_Maximum_temperature..31
                                                       min
                                                                     stc
                                                                             0
## 723
        vegetative_sk_Precipitation_amount..0.1
                                                                             0
                                                       1se
                                                                    stc
## 724
        vegetative sk Precipitation amount..0.1
                                                                             0
                                                       min
```

```
## 725
         vegetative_sk_Precipitation_amount..40
                                                                            0
                                                       1se
                                                                    stc
## 726
                                                                            0
         vegetative_sk_Precipitation_amount..40
                                                       min
                                                                    stc
## 727
                     vegetative sk Snow depth..1
                                                       1se
                                                                    stc
                                                                            0
## 728
                     vegetative_sk_Snow_depth..1
                                                       min
                                                                            0
                                                                    stc
  729
                     vegetative_sk_Snow_depth..4
                                                       1se
                                                                    stc
                                                                            0
## 730
                     vegetative sk Snow depth..4
                                                                            0
                                                       min
                                                                    stc
## 731
                                                                            0
                            vegetative total prec
                                                       1se
                                                                    stc
## 732
                            vegetative_total_prec
                                                       min
                                                                    stc
                                                                            0
  733
                                                       1se
                                                                    stc
                                                                         0.25
                                              area
## 734
                                                                         0.25
                                              area
                                                       min
                                                                    stc
  735
                                  critical_events
                                                       1se
                                                                    stc
                                                                         0.25
## 736
                                                                         0.25
                                  critical_events
                                                       min
                                                                    stc
##
  737
                                           filling
                                                       1se
                                                                         0.25
                                                                    stc
## 738
                                                                         0.25
                                           filling
                                                       min
                                                                    stc
## 739
                                                                         0.25
                                 filling_avg_temp
                                                       1se
                                                                    stc
## 740
                                 filling_avg_temp
                                                       min
                                                                    stc
                                                                         0.25
## 741
                                                                         0.25
             filling_fq_Maximum_temperature..31
                                                       1se
                                                                    stc
## 742
             filling_fq_Maximum_temperature..31
                                                                         0.25
                                                       min
                                                                    stc
## 743
           filling_fq_Precipitation_amount..0.1
                                                                         0.25
                                                       1se
                                                                    stc
## 744
           filling_fq_Precipitation_amount..0.1
                                                       min
                                                                    stc
                                                                         0.25
## 745
            filling_fq_Precipitation_amount..40
                                                       1se
                                                                    stc
                                                                         0.25
## 746
             filling_fq_Precipitation_amount..40
                                                                         0.25
                                                       min
                                                                    stc
## 747
                         filling_fq_Snow_depth..1
                                                                         0.25
                                                       1se
                                                                    stc
## 748
                                                                         0.25
                        filling fq Snow depth..1
                                                       min
                                                                    stc
## 749
                                                                         0.25
                              filling_length_days
                                                       1se
                                                                    stc
  750
                              filling_length_days
                                                       min
                                                                    stc
                                                                         0.25
## 751
                         filling_since_nyear_days
                                                       1se
                                                                         0.25
                                                                    stc
   752
                                                                         0.25
                         filling_since_nyear_days
                                                       min
                                                                    stc
## 753
                                                                         0.25
                         filling_since_seed_days
                                                       1se
                                                                    stc
## 754
                         filling_since_seed_days
                                                       min
                                                                    stc
                                                                         0.25
## 755
             filling_sk_Maximum_temperature..31
                                                       1se
                                                                    stc
                                                                         0.25
## 756
             filling_sk_Maximum_temperature..31
                                                       min
                                                                    stc
                                                                         0.25
## 757
                                                                         0.25
           filling_sk_Precipitation_amount..0.1
                                                       1se
                                                                    stc
## 758
                                                                         0.25
           filling_sk_Precipitation_amount..0.1
                                                       min
                                                                    stc
## 759
             filling sk Precipitation amount..40
                                                       1se
                                                                         0.25
                                                                    stc
## 760
                                                                         0.25
             filling_sk_Precipitation_amount..40
                                                       min
                                                                    stc
## 761
                         filling sk Snow depth..1
                                                       1se
                                                                    stc
                                                                         0.25
## 762
                        filling_sk_Snow_depth..1
                                                       min
                                                                    stc
                                                                         0.25
## 763
                               filling_total_prec
                                                                         0.25
                                                       1se
                               filling_total_prec
## 764
                                                                         0.25
                                                       min
                                                                    stc
## 765
                                                                         0.25
                                        generative
                                                       1se
                                                                    stc
## 766
                                        generative
                                                                         0.25
                                                       min
                                                                    stc
  767
##
                              generative_avg_temp
                                                       1se
                                                                    stc
                                                                         0.25
  768
##
                                                                    stc
                                                                         0.25
                              generative_avg_temp
                                                       min
  769
                                                                         0.25
          generative_fq_Maximum_temperature..31
                                                       1se
                                                                    stc
## 770
                                                                         0.25
          generative_fq_Maximum_temperature..31
                                                       min
                                                                    stc
   771
        generative_fq_Precipitation_amount..0.1
                                                       1se
                                                                    stc
                                                                         0.25
##
  772
                                                                         0.25
        generative_fq_Precipitation_amount..0.1
                                                       min
                                                                    stc
##
  773
         generative_fq_Precipitation_amount..40
                                                       1se
                                                                    stc
                                                                         0.25
## 774
                                                                         0.25
         generative_fq_Precipitation_amount..40
                                                       min
                                                                    stc
## 775
                                                                         0.25
                     generative_fq_Snow_depth..1
                                                       1se
                                                                    stc
## 776
                                                                         0.25
                     generative fq Snow depth..1
                                                       min
                                                                    stc
## 777
                           generative_length_days
                                                       1se
                                                                    stc
                                                                         0.25
## 778
                           generative length days
                                                       min
                                                                    stc
                                                                         0.25
```

```
## 779
                     generative since nyear days
                                                                         0.25
                                                       1se
                                                                    stc
## 780
                                                                         0.25
                     generative_since_nyear_days
                                                       min
                                                                    stc
## 781
                      generative since seed days
                                                       1se
                                                                    stc
                                                                         0.25
## 782
                                                                         0.25
                      generative_since_seed_days
                                                       min
                                                                    stc
##
   783
           generative_sk_Maximum_temperature..31
                                                       1se
                                                                    stc
                                                                         0.25
  784
          generative sk Maximum temperature..31
                                                                         0.25
##
                                                       min
                                                                    stc
   785
        generative sk Precipitation amount..0.1
                                                                         0.25
                                                       1se
                                                                    stc
## 786
        generative sk Precipitation amount..0.1
                                                                         0.25
                                                       min
                                                                    stc
##
   787
         generative_sk_Precipitation_amount..40
                                                       1se
                                                                    stc
                                                                         0.25
##
  788
                                                                         0.25
         generative_sk_Precipitation_amount..40
                                                       min
                                                                    stc
   789
                     generative_sk_Snow_depth..1
                                                       1se
                                                                    stc
                                                                         0.25
  790
                                                                         0.25
##
                     generative_sk_Snow_depth..1
                                                       min
                                                                    stc
##
  791
                            generative_total_prec
                                                       1se
                                                                         0.25
                                                                    stc
## 792
                            generative_total_prec
                                                                         0.25
                                                       min
                                                                    stc
## 793
                                                                         0.25
                                      NA_avg_temp
                                                       1se
                                                                    stc
## 794
                                      NA_avg_temp
                                                       min
                                                                    stc
                                                                         0.25
## 795
                                                                         0.25
                   NA_fq_Maximum_temperature..31
                                                                    stc
                                                       1se
##
  796
                   NA fq Maximum temperature..31
                                                                         0.25
                                                       min
                                                                    stc
##
  797
                                                                         0.25
                  NA_fq_Minimum_temperature...15
                                                       1se
                                                                    stc
##
  798
                  NA fq Minimum temperature...15
                                                       min
                                                                    stc
                                                                         0.25
##
  799
                 NA_fq_Precipitation_amount..0.1
                                                       1se
                                                                    stc
                                                                         0.25
## 800
                 NA fq Precipitation amount..0.1
                                                                         0.25
                                                       min
                                                                    stc
## 801
                  NA_fq_Precipitation_amount..40
                                                                         0.25
                                                       1se
                                                                    stc
## 802
                                                                         0.25
                  NA fq Precipitation amount..40
                                                       min
                                                                    stc
                                                                         0.25
## 803
                              NA_fq_Snow_depth..1
                                                       1se
                                                                    stc
## 804
                              NA_fq_Snow_depth..1
                                                       min
                                                                    stc
                                                                         0.25
## 805
                                                                         0.25
                              NA_fq_Snow_depth..4
                                                       1se
                                                                    stc
   806
                                                                         0.25
##
                              NA_fq_Snow_depth..4
                                                       min
                                                                    stc
## 807
                                                                         0.25
                                   NA_length_days
                                                       1se
                                                                    stc
## 808
                                   NA_length_days
                                                       min
                                                                    stc
                                                                         0.25
## 809
                   NA_sk_Maximum_temperature..31
                                                       1se
                                                                    stc
                                                                         0.25
## 810
                   NA_sk_Maximum_temperature..31
                                                       min
                                                                    stc
                                                                         0.25
## 811
                                                                         0.25
                  NA_sk_Minimum_temperature...15
                                                       1se
                                                                    stc
## 812
                                                                         0.25
                  NA_sk_Minimum_temperature...15
                                                       min
                                                                    stc
## 813
                 NA sk Precipitation amount..0.1
                                                       1se
                                                                         0.25
                                                                    stc
## 814
                                                                         0.25
                 NA_sk_Precipitation_amount..0.1
                                                       min
                                                                    stc
## 815
                  NA sk Precipitation amount..40
                                                       1se
                                                                    stc
                                                                         0.25
## 816
                  NA_sk_Precipitation_amount..40
                                                                    stc
                                                                         0.25
                                                       min
## 817
                              NA_sk_Snow_depth..1
                                                                         0.25
                                                       1se
                                                                    stc
## 818
                                                                         0.25
                              NA_sk_Snow_depth..1
                                                       min
                                                                    stc
## 819
                                                                         0.25
                              NA sk Snow depth..4
                                                       1se
                                                                    stc
## 820
                              NA_sk_Snow_depth..4
                                                                         0.25
                                                       min
                                                                    stc
## 821
                                                                         0.25
                                    NA_total_prec
                                                       1se
                                                                    stc
## 822
                                                                    stc
                                                                         0.25
                                    NA_total_prec
                                                       min
## 823
                                                                         0.25
                                               NA.
                                                       1se
                                                                    stc
## 824
                                                                         0.25
                                               NA.
                                                       min
                                                                    stc
## 825
                                        vegetative
                                                       1se
                                                                    stc
                                                                         0.25
## 826
                                                                         0.25
                                        vegetative
                                                       min
                                                                    stc
## 827
                              vegetative_avg_temp
                                                       1se
                                                                    stc
                                                                         0.25
## 828
                                                                         0.25
                              vegetative_avg_temp
                                                       min
                                                                    stc
##
  829
                                                                         0.25
          vegetative_fq_Maximum_temperature..31
                                                       1se
                                                                    stc
## 830
                                                                         0.25
           vegetative_fq_Maximum_temperature..31
                                                       min
                                                                    stc
##
  831
        vegetative_fq_Precipitation_amount..0.1
                                                                    stc
                                                                         0.25
                                                       1se
## 832
        vegetative fq Precipitation amount..0.1
                                                                    stc
                                                                         0.25
                                                       min
```

```
## 833
         vegetative_fq_Precipitation_amount..40
                                                                         0.25
                                                       1se
                                                                    stc
##
  834
                                                                         0.25
         vegetative_fq_Precipitation_amount..40
                                                       min
                                                                    stc
## 835
                     vegetative fq Snow depth..1
                                                       1se
                                                                    stc
                                                                         0.25
## 836
                                                                         0.25
                     vegetative_fq_Snow_depth..1
                                                       min
                                                                    stc
##
  837
                     vegetative_fq_Snow_depth..4
                                                       1se
                                                                    stc
                                                                         0.25
## 838
                     vegetative_fq_Snow_depth..4
                                                                         0.25
                                                       min
                                                                    stc
## 839
                                                                         0.25
                           vegetative length days
                                                       1se
                                                                    stc
## 840
                                                                         0.25
                           vegetative_length_days
                                                       min
                                                                    stc
## 841
                     vegetative_since_nyear_days
                                                       1se
                                                                    stc
                                                                         0.25
## 842
                     vegetative_since_nyear_days
                                                       min
                                                                    stc
                                                                         0.25
  843
          vegetative_sk_Maximum_temperature..31
                                                       1se
                                                                    stc
                                                                         0.25
## 844
                                                                         0.25
           vegetative_sk_Maximum_temperature..31
                                                       min
                                                                    stc
##
   845
        vegetative_sk_Precipitation_amount..0.1
                                                       1se
                                                                         0.25
                                                                    stc
   846
##
        vegetative_sk_Precipitation_amount..0.1
                                                       min
                                                                    stc
                                                                         0.25
##
  847
         vegetative_sk_Precipitation_amount..40
                                                                         0.25
                                                       1se
                                                                    stc
## 848
         vegetative_sk_Precipitation_amount..40
                                                       min
                                                                    stc
                                                                         0.25
## 849
                                                                         0.25
                     vegetative_sk_Snow_depth..1
                                                       1se
                                                                    stc
## 850
                     vegetative sk Snow depth..1
                                                                    stc
                                                                         0.25
                                                       min
## 851
                                                                         0.25
                     vegetative_sk_Snow_depth..4
                                                       1se
                                                                    stc
## 852
                     vegetative sk Snow depth..4
                                                       min
                                                                    stc
                                                                         0.25
##
  853
                            vegetative_total_prec
                                                       1se
                                                                    stc
                                                                         0.25
## 854
                                                                         0.25
                            vegetative_total_prec
                                                       min
                                                                    stc
## 855
                                                                          0.5
                                                       1se
                                                                    stc
                                              area
## 856
                                                                          0.5
                                                       min
                                                                    stc
                                              area
## 857
                                                                          0.5
                                  critical_events
                                                       1se
                                                                    stc
## 858
                                  critical_events
                                                       min
                                                                    stc
                                                                          0.5
## 859
                                                       1se
                                                                          0.5
                                           filling
                                                                    stc
   860
##
                                           filling
                                                       min
                                                                    stc
                                                                          0.5
## 861
                                                                          0.5
                                 filling_avg_temp
                                                       1se
                                                                    stc
## 862
                                                                          0.5
                                 filling_avg_temp
                                                       min
                                                                    stc
## 863
             filling_fq_Maximum_temperature..31
                                                       1se
                                                                    stc
                                                                          0.5
## 864
             filling_fq_Maximum_temperature..31
                                                       min
                                                                    stc
                                                                          0.5
## 865
           filling_fq_Precipitation_amount..0.1
                                                       1se
                                                                    stc
                                                                          0.5
## 866
                                                                          0.5
           filling_fq_Precipitation_amount..0.1
                                                       min
                                                                    stc
## 867
             filling fq Precipitation amount..40
                                                                          0.5
                                                       1se
                                                                    stc
## 868
                                                                          0.5
             filling_fq_Precipitation_amount..40
                                                       min
                                                                    stc
## 869
                         filling fq Snow depth..1
                                                       1se
                                                                    stc
                                                                          0.5
## 870
                         filling_fq_Snow_depth..1
                                                                          0.5
                                                       min
                                                                    stc
## 871
                              filling_length_days
                                                                          0.5
                                                       1se
                                                                    stc
## 872
                                                                          0.5
                              filling_length_days
                                                       min
                                                                    stc
## 873
                                                                          0.5
                         filling since nyear days
                                                       1se
                                                                    stc
## 874
                         filling since nyear days
                                                       min
                                                                          0.5
                                                                    stc
  875
                         filling since seed days
                                                       1se
                                                                    stc
                                                                          0.5
  876
##
                         filling_since_seed_days
                                                                          0.5
                                                       min
                                                                    stc
## 877
                                                                          0.5
             filling_sk_Maximum_temperature..31
                                                       1se
                                                                    stc
## 878
             filling_sk_Maximum_temperature..31
                                                                          0.5
                                                       min
                                                                    stc
## 879
           filling_sk_Precipitation_amount..0.1
                                                       1se
                                                                    stc
                                                                          0.5
## 880
                                                                          0.5
           filling_sk_Precipitation_amount..0.1
                                                       min
                                                                    stc
            filling_sk_Precipitation_amount..40
## 881
                                                       1se
                                                                    stc
                                                                          0.5
## 882
             filling_sk_Precipitation_amount..40
                                                       min
                                                                          0.5
                                                                    stc
##
  883
                                                                          0.5
                         filling_sk_Snow_depth..1
                                                       1se
                                                                    stc
## 884
                        filling sk Snow depth..1
                                                       min
                                                                    stc
                                                                          0.5
## 885
                               filling_total_prec
                                                       1se
                                                                          0.5
                                                                    stc
## 886
                               filling total prec
                                                       min
                                                                          0.5
```

```
## 887
                                                       1se
                                                                    stc
                                                                          0.5
                                        generative
## 888
                                                                          0.5
                                                       min
                                        generative
                                                                    stc
## 889
                              generative_avg_temp
                                                       1se
                                                                    stc
                                                                          0.5
## 890
                                                                          0.5
                              generative_avg_temp
                                                       min
                                                                    stc
##
  891
           generative_fq_Maximum_temperature..31
                                                       1se
                                                                    stc
                                                                          0.5
##
  892
          generative fq Maximum temperature..31
                                                                          0.5
                                                       min
                                                                    stc
   893
        generative fq Precipitation amount..0.1
                                                                          0.5
                                                       1se
                                                                    stc
## 894
        generative fq Precipitation amount..0.1
                                                       min
                                                                    stc
                                                                          0.5
##
   895
         generative_fq_Precipitation_amount..40
                                                       1se
                                                                    stc
                                                                          0.5
##
   896
                                                                          0.5
         generative_fq_Precipitation_amount..40
                                                       min
                                                                    stc
   897
                     generative_fq_Snow_depth..1
                                                       1se
                                                                    stc
                                                                          0.5
## 898
                     generative_fq_Snow_depth..1
                                                                          0.5
                                                       min
                                                                    stc
##
  899
                           generative_length_days
                                                       1se
                                                                          0.5
                                                                    stc
## 900
                                                                          0.5
                           generative_length_days
                                                       min
                                                                    stc
## 901
                                                                          0.5
                     generative_since_nyear_days
                                                       1se
                                                                    stc
## 902
                     generative_since_nyear_days
                                                       min
                                                                          0.5
                                                                    stc
## 903
                                                                          0.5
                      generative_since_seed_days
                                                       1se
                                                                    stc
## 904
                      generative since seed days
                                                                          0.5
                                                       min
                                                                    stc
## 905
                                                                          0.5
           generative_sk_Maximum_temperature..31
                                                       1se
                                                                    stc
##
  906
           generative sk Maximum temperature..31
                                                       min
                                                                    stc
                                                                          0.5
##
   907
        generative_sk_Precipitation_amount..0.1
                                                       1se
                                                                    stc
                                                                          0.5
##
   908
        generative_sk_Precipitation_amount..0.1
                                                                          0.5
                                                       min
                                                                    stc
## 909
         generative_sk_Precipitation_amount..40
                                                                          0.5
                                                       1se
                                                                    stc
## 910
                                                                          0.5
         generative sk Precipitation amount..40
                                                       min
                                                                    stc
## 911
                                                                          0.5
                     generative_sk_Snow_depth..1
                                                       1se
                                                                    stc
## 912
                     generative_sk_Snow_depth..1
                                                       min
                                                                    stc
                                                                          0.5
## 913
                                                       1se
                                                                          0.5
                            generative_total_prec
                                                                    stc
## 914
                            generative_total_prec
                                                       min
                                                                    stc
                                                                          0.5
## 915
                                                                          0.5
                                      NA_avg_temp
                                                       1se
                                                                    stc
## 916
                                      NA_avg_temp
                                                       min
                                                                          0.5
                                                                    stc
## 917
                   NA_fq_Maximum_temperature..31
                                                       1se
                                                                    stc
                                                                          0.5
## 918
                   NA_fq_Maximum_temperature..31
                                                       min
                                                                    stc
                                                                          0.5
## 919
                                                                          0.5
                  NA_fq_Minimum_temperature...15
                                                       1se
                                                                    stc
## 920
                                                                          0.5
                  NA_fq_Minimum_temperature...15
                                                       min
                                                                    stc
## 921
                 NA fg Precipitation amount..0.1
                                                                          0.5
                                                       1se
                                                                    stc
## 922
                                                                          0.5
                 NA_fq_Precipitation_amount..0.1
                                                       min
                                                                    stc
## 923
                  NA fq Precipitation amount..40
                                                       1se
                                                                    stc
                                                                          0.5
## 924
                  NA_fq_Precipitation_amount..40
                                                                          0.5
                                                       min
                                                                    stc
## 925
                              NA_fq_Snow_depth..1
                                                                          0.5
                                                       1se
                                                                    stc
## 926
                                                                          0.5
                              NA_fq_Snow_depth..1
                                                       min
                                                                    stc
## 927
                                                                          0.5
                              NA fq Snow depth..4
                                                       1se
                                                                    stc
## 928
                              NA_fq_Snow_depth..4
                                                                          0.5
                                                       min
                                                                    stc
  929
                                   NA_length_days
                                                       1se
                                                                    stc
                                                                          0.5
## 930
                                   NA_length_days
                                                                          0.5
                                                       min
                                                                    stc
## 931
                                                                          0.5
                   NA_sk_Maximum_temperature..31
                                                       1se
                                                                    stc
## 932
                                                                          0.5
                   NA_sk_Maximum_temperature..31
                                                       min
                                                                    stc
## 933
                  NA_sk_Minimum_temperature...15
                                                       1se
                                                                    stc
                                                                          0.5
## 934
                                                                          0.5
                  NA_sk_Minimum_temperature...15
                                                       min
                                                                    stc
                 NA_sk_Precipitation_amount..0.1
## 935
                                                       1se
                                                                          0.5
                                                                    stc
## 936
                 NA_sk_Precipitation_amount..0.1
                                                       min
                                                                          0.5
                                                                    stc
## 937
                                                                          0.5
                  NA_sk_Precipitation_amount..40
                                                       1se
                                                                    stc
## 938
                  NA sk Precipitation amount..40
                                                       min
                                                                    stc
                                                                          0.5
## 939
                              NA_sk_Snow_depth..1
                                                                          0.5
                                                       1se
                                                                    stc
## 940
                              NA_sk_Snow_depth..1
                                                                          0.5
                                                       min
```

```
stc
## 941
                              NA_sk_Snow_depth..4
                                                       1se
                                                                          0.5
## 942
                                                                          0.5
                              NA_sk_Snow_depth..4
                                                       min
                                                                    stc
## 943
                                    NA total prec
                                                       1se
                                                                    stc
                                                                          0.5
## 944
                                    NA_total_prec
                                                                          0.5
                                                       min
                                                                    stc
##
  945
                                               NA.
                                                       1se
                                                                    stc
                                                                          0.5
##
  946
                                               NA.
                                                                          0.5
                                                       min
                                                                    stc
## 947
                                                                          0.5
                                        vegetative
                                                       1se
                                                                    stc
## 948
                                        vegetative
                                                       min
                                                                    stc
                                                                          0.5
## 949
                              vegetative_avg_temp
                                                       1se
                                                                    stc
                                                                          0.5
## 950
                                                                          0.5
                              vegetative_avg_temp
                                                       min
                                                                    stc
  951
          vegetative_fq_Maximum_temperature..31
                                                       1se
                                                                    stc
                                                                          0.5
  952
##
           vegetative_fq_Maximum_temperature..31
                                                                          0.5
                                                       min
                                                                    stc
##
   953
        vegetative_fq_Precipitation_amount..0.1
                                                       1se
                                                                          0.5
                                                                    stc
   954
##
        vegetative_fq_Precipitation_amount..0.1
                                                       min
                                                                    stc
                                                                          0.5
##
  955
         vegetative_fq_Precipitation_amount..40
                                                                          0.5
                                                       1se
                                                                    stc
##
  956
         vegetative_fq_Precipitation_amount..40
                                                       min
                                                                          0.5
                                                                    stc
## 957
                                                                          0.5
                     vegetative_fq_Snow_depth..1
                                                       1se
                                                                    stc
## 958
                     vegetative_fq_Snow_depth..1
                                                                          0.5
                                                       min
                                                                    stc
## 959
                                                                          0.5
                     vegetative_fq_Snow_depth..4
                                                       1se
                                                                    stc
## 960
                     vegetative_fq_Snow_depth..4
                                                       min
                                                                    stc
                                                                          0.5
##
  961
                           vegetative_length_days
                                                       1se
                                                                    stc
                                                                          0.5
## 962
                           vegetative_length_days
                                                                          0.5
                                                       min
                                                                    stc
## 963
                     vegetative_since_nyear_days
                                                                          0.5
                                                       1se
                                                                    stc
  964
                                                                          0.5
                     vegetative since nyear days
                                                       min
                                                                    stc
## 965
                                                                          0.5
          vegetative sk Maximum temperature..31
                                                       1se
                                                                    stc
  966
           vegetative_sk_Maximum_temperature..31
                                                       min
                                                                    stc
                                                                          0.5
##
   967
        vegetative_sk_Precipitation_amount..0.1
                                                                          0.5
                                                       1se
                                                                    stc
   968
##
        vegetative_sk_Precipitation_amount..0.1
                                                       min
                                                                    stc
                                                                          0.5
   969
##
         vegetative_sk_Precipitation_amount..40
                                                                          0.5
                                                       1se
                                                                    stc
## 970
         vegetative_sk_Precipitation_amount..40
                                                       min
                                                                          0.5
                                                                    stc
## 971
                     vegetative_sk_Snow_depth..1
                                                       1se
                                                                    stc
                                                                          0.5
## 972
                     vegetative_sk_Snow_depth..1
                                                       min
                                                                    stc
                                                                          0.5
## 973
                                                                          0.5
                     vegetative_sk_Snow_depth..4
                                                       1se
                                                                    stc
## 974
                                                                          0.5
                     vegetative_sk_Snow_depth..4
                                                       min
                                                                    stc
                            vegetative_total_prec
## 975
                                                       1se
                                                                          0.5
                                                                    stc
##
  976
                                                                          0.5
                            vegetative_total_prec
                                                       min
                                                                    stc
## 977
                                              area
                                                       1se
                                                                    stc
                                                                          0.75
## 978
                                                                    stc
                                                                         0.75
                                                       min
                                              area
## 979
                                  critical_events
                                                                         0.75
                                                       1se
## 980
                                  critical_events
                                                                         0.75
                                                       min
                                                                    stc
## 981
                                                                         0.75
                                           filling
                                                       1se
                                                                    stc
## 982
                                           filling
                                                                         0.75
                                                       min
                                                                    stc
   983
                                 filling_avg_temp
                                                       1se
                                                                    stc
                                                                         0.75
   984
##
                                                                    stc
                                                                         0.75
                                 filling_avg_temp
                                                       min
## 985
                                                                         0.75
              filling_fq_Maximum_temperature..31
                                                       1se
                                                                    stc
## 986
                                                                         0.75
              filling_fq_Maximum_temperature..31
                                                       min
                                                                    stc
## 987
           filling_fq_Precipitation_amount..0.1
                                                       1se
                                                                    stc
                                                                         0.75
## 988
                                                                         0.75
           filling_fq_Precipitation_amount..0.1
                                                       min
                                                                    stc
## 989
            filling_fq_Precipitation_amount..40
                                                       1se
                                                                    stc
                                                                         0.75
## 990
             filling_fq_Precipitation_amount..40
                                                       min
                                                                    stc
                                                                         0.75
##
  991
                                                                         0.75
                         filling_fq_Snow_depth..1
                                                       1se
                                                                    stc
## 992
                        filling fq Snow depth..1
                                                       min
                                                                    stc
                                                                         0.75
## 993
                              filling_length_days
                                                                    stc
                                                                         0.75
                                                       1se
## 994
                              filling_length_days
                                                       min
                                                                    stc
                                                                         0.75
```

```
## 995
                        filling since nyear days
                                                      1se
                                                                   stc
                                                                        0.75
## 996
                                                                        0.75
                        filling_since_nyear_days
                                                      min
                                                                   stc
                         filling since seed days
## 997
                                                      1se
                                                                   stc
                                                                         0.75
## 998
                                                                        0.75
                         filling_since_seed_days
                                                      min
                                                                   stc
## 999
             filling_sk_Maximum_temperature..31
                                                      1se
                                                                   stc
                                                                        0.75
## 1000
             filling sk Maximum temperature..31
                                                                        0.75
                                                      min
                                                                   stc
## 1001
           filling sk Precipitation amount..0.1
                                                                         0.75
                                                      1se
                                                                   stc
## 1002
           filling sk Precipitation amount..0.1
                                                                        0.75
                                                      min
                                                                   stc
## 1003
            filling sk Precipitation amount..40
                                                      1se
                                                                   stc
                                                                         0.75
## 1004
                                                                        0.75
            filling_sk_Precipitation_amount..40
                                                      min
                                                                   stc
## 1005
                        filling_sk_Snow_depth..1
                                                      1se
                                                                   stc
                                                                        0.75
## 1006
                                                                        0.75
                        filling_sk_Snow_depth..1
                                                      min
                                                                   stc
## 1007
                               filling_total_prec
                                                      1se
                                                                   stc
                                                                        0.75
## 1008
                                                                        0.75
                               filling_total_prec
                                                      min
                                                                   stc
## 1009
                                                                         0.75
                                       generative
                                                      1se
                                                                   stc
## 1010
                                       generative
                                                      min
                                                                   stc
                                                                        0.75
## 1011
                                                                        0.75
                                                                   stc
                              generative_avg_temp
                                                      1se
## 1012
                              generative avg temp
                                                                   stc
                                                                        0.75
                                                      min
## 1013
                                                                        0.75
          generative_fq_Maximum_temperature..31
                                                      1se
                                                                   stc
## 1014
          generative_fq_Maximum_temperature..31
                                                      min
                                                                   stc
                                                                        0.75
  1015
        generative_fq_Precipitation_amount..0.1
                                                      1se
                                                                   stc
                                                                        0.75
## 1016
        generative fq Precipitation amount..0.1
                                                                         0.75
                                                      min
                                                                   stc
                                                                        0.75
## 1017
         generative_fq_Precipitation_amount..40
                                                      1se
                                                                   stc
## 1018
         generative fq Precipitation amount..40
                                                                        0.75
                                                      min
                                                                   stc
                                                                        0.75
## 1019
                     generative_fq_Snow_depth..1
                                                      1se
                                                                   stc
## 1020
                     generative_fq_Snow_depth..1
                                                      min
                                                                   stc
                                                                        0.75
## 1021
                          generative_length_days
                                                      1se
                                                                   stc
                                                                        0.75
## 1022
                                                                        0.75
                          generative_length_days
                                                      min
                                                                   stc
## 1023
                                                                        0.75
                     generative_since_nyear_days
                                                      1se
                                                                   stc
## 1024
                     generative_since_nyear_days
                                                      min
                                                                   stc
                                                                        0.75
## 1025
                      generative_since_seed_days
                                                      1se
                                                                   stc
                                                                        0.75
## 1026
                      generative_since_seed_days
                                                      min
                                                                   stc
                                                                        0.75
## 1027
          generative_sk_Maximum_temperature..31
                                                      1se
                                                                   stc
                                                                        0.75
## 1028
          generative_sk_Maximum_temperature..31
                                                                        0.75
                                                      min
                                                                   stc
   1029
        generative sk Precipitation amount..0.1
                                                      1se
                                                                   stc
                                                                        0.75
        generative_sk_Precipitation_amount..0.1
                                                                        0.75
   1030
                                                      min
                                                                   stc
## 1031
         generative sk Precipitation amount..40
                                                      1se
                                                                   stc
                                                                        0.75
## 1032
         generative_sk_Precipitation_amount..40
                                                                   stc
                                                                         0.75
                                                      min
## 1033
                     generative_sk_Snow_depth..1
                                                                   stc
                                                                         0.75
                                                      1se
## 1034
                                                                        0.75
                     generative_sk_Snow_depth..1
                                                      min
                                                                   stc
## 1035
                                                                        0.75
                           generative total prec
                                                      1se
                                                                   stc
## 1036
                            generative_total_prec
                                                      min
                                                                        0.75
                                                                   stc
## 1037
                                                                        0.75
                                      NA_avg_temp
                                                      1se
                                                                   stc
## 1038
                                                                        0.75
                                      NA_avg_temp
                                                      min
                                                                   stc
## 1039
                                                                        0.75
                   NA_fq_Maximum_temperature..31
                                                      1se
                                                                   stc
## 1040
                                                                        0.75
                   NA_fq_Maximum_temperature..31
                                                      min
                                                                   stc
## 1041
                                                                        0.75
                  NA_fq_Minimum_temperature...15
                                                      1se
                                                                   stc
## 1042
                                                                        0.75
                  NA_fq_Minimum_temperature...15
                                                      min
                                                                   stc
## 1043
                 NA_fq_Precipitation_amount..0.1
                                                      1se
                                                                   stc
                                                                        0.75
## 1044
                                                                        0.75
                 NA_fq_Precipitation_amount..0.1
                                                      min
                                                                   stc
## 1045
                  NA_fq_Precipitation_amount..40
                                                                        0.75
                                                      1se
                                                                   stc
## 1046
                  NA fq Precipitation amount..40
                                                      min
                                                                   stc
                                                                        0.75
## 1047
                              NA_fq_Snow_depth..1
                                                      1se
                                                                   stc
                                                                        0.75
## 1048
                              NA fq Snow depth..1
                                                      min
                                                                   stc
                                                                        0.75
```

```
## 1049
                              NA_fq_Snow_depth..4
                                                       1se
                                                                         0.75
                                                                    stc
## 1050
                                                                         0.75
                              NA_fq_Snow_depth..4
                                                       min
                                                                    stc
## 1051
                                   NA_length_days
                                                       1se
                                                                    stc
                                                                          0.75
## 1052
                                                                         0.75
                                   NA_length_days
                                                       min
                                                                    stc
##
  1053
                   NA_sk_Maximum_temperature..31
                                                       1se
                                                                    stc
                                                                          0.75
## 1054
                                                                         0.75
                   NA sk Maximum temperature..31
                                                       min
                                                                    stc
## 1055
                  NA sk Minimum temperature...15
                                                                          0.75
                                                       1se
                                                                    stc
## 1056
                  NA_sk_Minimum_temperature...15
                                                       min
                                                                    stc
                                                                         0.75
## 1057
                 NA_sk_Precipitation_amount..0.1
                                                       1se
                                                                    stc
                                                                         0.75
## 1058
                 NA_sk_Precipitation_amount..0.1
                                                       min
                                                                    stc
                                                                         0.75
## 1059
                  NA_sk_Precipitation_amount..40
                                                       1se
                                                                    stc
                                                                         0.75
## 1060
                                                                         0.75
                  NA_sk_Precipitation_amount..40
                                                       min
                                                                    stc
## 1061
                              NA_sk_Snow_depth..1
                                                       1se
                                                                         0.75
                                                                    stc
## 1062
                              NA_sk_Snow_depth..1
                                                       min
                                                                    stc
                                                                         0.75
## 1063
                                                                          0.75
                              NA_sk_Snow_depth..4
                                                       1se
                                                                    stc
## 1064
                              NA_sk_Snow_depth..4
                                                       min
                                                                    stc
                                                                          0.75
## 1065
                                                                         0.75
                                                                    stc
                                    NA_total_prec
                                                       1se
## 1066
                                    NA_total_prec
                                                                         0.75
                                                       min
                                                                    stc
## 1067
                                                                         0.75
                                               NA.
                                                       1se
                                                                    stc
## 1068
                                               NA.
                                                       min
                                                                    stc
                                                                         0.75
## 1069
                                        vegetative
                                                       1se
                                                                    stc
                                                                         0.75
## 1070
                                        vegetative
                                                                          0.75
                                                       min
                                                                    stc
## 1071
                                                                         0.75
                              vegetative_avg_temp
                                                       1se
                                                                    stc
## 1072
                                                                          0.75
                              vegetative_avg_temp
                                                       min
                                                                    stc
## 1073
           vegetative_fq_Maximum_temperature..31
                                                       1se
                                                                    stc
                                                                         0.75
  1074
           vegetative_fq_Maximum_temperature..31
                                                       min
                                                                    stc
                                                                         0.75
   1075
        vegetative_fq_Precipitation_amount..0.1
                                                       1se
                                                                         0.75
##
                                                                    stc
##
   1076
        vegetative_fq_Precipitation_amount..0.1
                                                       min
                                                                    stc
                                                                         0.75
   1077
         vegetative_fq_Precipitation_amount..40
                                                                         0.75
##
                                                       1se
                                                                    stc
## 1078
                                                                    stc
         vegetative_fq_Precipitation_amount..40
                                                       min
                                                                         0.75
## 1079
                     vegetative_fq_Snow_depth..1
                                                       1se
                                                                    stc
                                                                         0.75
## 1080
                     vegetative_fq_Snow_depth..1
                                                       min
                                                                    stc
                                                                         0.75
## 1081
                     vegetative_fq_Snow_depth..4
                                                       1se
                                                                    stc
                                                                         0.75
## 1082
                                                                         0.75
                     vegetative_fq_Snow_depth..4
                                                       min
                                                                    stc
## 1083
                           vegetative_length_days
                                                       1se
                                                                         0.75
                                                                    stc
## 1084
                                                                         0.75
                           vegetative_length_days
                                                       min
                                                                    stc
## 1085
                     vegetative since nyear days
                                                       1se
                                                                    stc
                                                                         0.75
## 1086
                     vegetative_since_nyear_days
                                                                    stc
                                                                         0.75
                                                       min
## 1087
           vegetative_sk_Maximum_temperature..31
                                                                          0.75
                                                       1se
                                                                    stc
##
  1088
                                                                         0.75
           vegetative_sk_Maximum_temperature..31
                                                       min
                                                                    stc
   1089
        vegetative sk Precipitation amount..0.1
                                                                         0.75
                                                       1se
                                                                    stc
   1090
        vegetative sk Precipitation amount..0.1
                                                                         0.75
##
                                                       min
                                                                    stc
##
   1091
         vegetative sk Precipitation amount..40
                                                       1se
                                                                    stc
                                                                         0.75
## 1092
         vegetative_sk_Precipitation_amount..40
                                                                    stc
                                                                         0.75
                                                       min
## 1093
                     vegetative_sk_Snow_depth..1
                                                       1se
                                                                    stc
                                                                         0.75
## 1094
                                                                         0.75
                     vegetative_sk_Snow_depth..1
                                                       min
                                                                    stc
## 1095
                     vegetative_sk_Snow_depth..4
                                                       1se
                                                                    stc
                                                                         0.75
## 1096
                     vegetative_sk_Snow_depth..4
                                                       min
                                                                    stc
                                                                         0.75
## 1097
                            vegetative_total_prec
                                                       1se
                                                                    stc
                                                                         0.75
## 1098
                            vegetative_total_prec
                                                       min
                                                                    stc
                                                                         0.75
## 1099
                                                       1se
                                                                    stc
                                                                             1
                                              area
## 1100
                                              area
                                                       min
                                                                    stc
                                                                             1
## 1101
                                  critical_events
                                                                             1
                                                       1se
                                                                    stc
## 1102
                                  critical events
                                                       min
                                                                             1
```

```
## 1103
                                           filling
                                                       1se
                                                                    stc
                                                                             1
## 1104
                                                       min
                                                                             1
                                           filling
                                                                    stc
## 1105
                                 filling avg temp
                                                       1se
                                                                    stc
                                                                             1
## 1106
                                 filling_avg_temp
                                                       min
                                                                             1
                                                                    stc
## 1107
              filling_fq_Maximum_temperature..31
                                                       1se
                                                                    stc
                                                                             1
## 1108
              filling fq Maximum temperature..31
                                                       min
                                                                    stc
                                                                             1
## 1109
           filling fq Precipitation amount..0.1
                                                       1se
                                                                    stc
                                                                             1
## 1110
           filling fq Precipitation amount..0.1
                                                       min
                                                                    stc
                                                                             1
## 1111
             filling_fq_Precipitation_amount..40
                                                       1se
                                                                    stc
                                                                             1
## 1112
             filling_fq_Precipitation_amount..40
                                                       min
                                                                    stc
                                                                             1
## 1113
                         filling_fq_Snow_depth..1
                                                       1se
                                                                             1
                                                                    stc
## 1114
                         filling_fq_Snow_depth..1
                                                       min
                                                                    stc
                                                                             1
## 1115
                              filling_length_days
                                                       1se
                                                                             1
                                                                    stc
## 1116
                              filling_length_days
                                                       min
                                                                    stc
                                                                             1
## 1117
                        filling_since_nyear_days
                                                       1se
                                                                    stc
                                                                             1
## 1118
                         filling_since_nyear_days
                                                       min
                                                                             1
                                                                    stc
## 1119
                          filling_since_seed_days
                                                       1se
                                                                             1
                                                                    stc
## 1120
                          filling since seed days
                                                       min
                                                                    stc
## 1121
              filling_sk_Maximum_temperature..31
                                                       1se
                                                                             1
                                                                    stc
## 1122
              filling sk Maximum temperature..31
                                                       min
                                                                             1
## 1123
           filling_sk_Precipitation_amount..0.1
                                                       1se
                                                                    stc
                                                                             1
## 1124
           filling sk Precipitation amount..0.1
                                                       min
                                                                             1
                                                                    stc
## 1125
             filling_sk_Precipitation_amount..40
                                                       1se
                                                                             1
                                                                    stc
## 1126
             filling sk Precipitation amount..40
                                                       min
                                                                    stc
                                                                             1
## 1127
                        filling_sk_Snow_depth..1
                                                       1se
                                                                    stc
                                                                             1
## 1128
                         filling_sk_Snow_depth..1
                                                       min
                                                                    stc
                                                                             1
## 1129
                               filling_total_prec
                                                       1se
                                                                             1
                                                                    stc
## 1130
                               filling_total_prec
                                                       min
                                                                    stc
                                                                             1
## 1131
                                        generative
                                                       1se
                                                                    stc
                                                                             1
## 1132
                                                       min
                                                                             1
                                        generative
                                                                    stc
## 1133
                              generative_avg_temp
                                                       1se
                                                                    stc
                                                                             1
## 1134
                              generative_avg_temp
                                                       min
                                                                             1
                                                                    stc
## 1135
           generative_fq_Maximum_temperature..31
                                                       1se
                                                                             1
                                                                    stc
## 1136
          generative_fq_Maximum_temperature..31
                                                       min
                                                                             1
                                                                    stc
  1137
        generative fg Precipitation amount..0.1
                                                       1se
                                                                    stc
        generative_fq_Precipitation_amount..0.1
## 1138
                                                       min
                                                                    stc
                                                                             1
## 1139
         generative fq Precipitation amount..40
                                                       1se
                                                                    stc
                                                                             1
## 1140
         generative_fq_Precipitation_amount..40
                                                       min
                                                                             1
                                                                    stc
## 1141
                     generative_fq_Snow_depth..1
                                                       1se
                                                                             1
                                                                    stc
## 1142
                                                       min
                     generative_fq_Snow_depth..1
                                                                             1
                                                                    stc
## 1143
                                                       1se
                           generative length days
                                                                    stc
## 1144
                           generative_length_days
                                                       min
                                                                             1
                                                                    stc
## 1145
                     generative since nyear days
                                                       1se
                                                                    stc
                                                                             1
## 1146
                     generative_since_nyear_days
                                                       min
                                                                             1
                                                                    stc
## 1147
                      generative_since_seed_days
                                                       1se
                                                                    stc
                                                                             1
## 1148
                      generative_since_seed_days
                                                       min
                                                                    stc
                                                                             1
## 1149
           generative_sk_Maximum_temperature..31
                                                       1se
                                                                    stc
                                                                             1
## 1150
           generative_sk_Maximum_temperature..31
                                                       min
                                                                    stc
                                                                             1
## 1151
        generative_sk_Precipitation_amount..0.1
                                                       1se
                                                                             1
                                                                    stc
## 1152
        generative_sk_Precipitation_amount..0.1
                                                       min
                                                                             1
                                                                    stc
## 1153
         generative_sk_Precipitation_amount..40
                                                       1se
                                                                             1
                                                                    stc
## 1154
         generative_sk_Precipitation_amount..40
                                                       min
                                                                    stc
                                                                             1
## 1155
                     generative_sk_Snow_depth..1
                                                       1se
                                                                             1
                                                                    stc
## 1156
                     generative sk Snow depth..1
                                                       min
                                                                             1
```

```
## 1157
                            generative_total_prec
                                                       1se
                                                                             1
                                                                     stc
## 1158
                                                                             1
                            generative_total_prec
                                                       min
                                                                    stc
## 1159
                                       NA_avg_temp
                                                       1se
                                                                    stc
                                                                             1
## 1160
                                       NA_avg_temp
                                                       min
                                                                    stc
                                                                             1
## 1161
                   NA_fq_Maximum_temperature..31
                                                       1se
                                                                     stc
                                                                             1
## 1162
                   NA fq Maximum temperature..31
                                                       min
                                                                             1
                                                                     stc
## 1163
                  NA fq Minimum temperature...15
                                                       1se
                                                                    stc
                                                                             1
                  NA_fq_Minimum_temperature...15
## 1164
                                                       min
                                                                    stc
                                                                             1
## 1165
                 NA_fq_Precipitation_amount..0.1
                                                       1se
                                                                     stc
                                                                             1
## 1166
                 NA_fq_Precipitation_amount..0.1
                                                       min
                                                                    stc
                                                                             1
## 1167
                  NA_fq_Precipitation_amount..40
                                                       1se
                                                                             1
                                                                    stc
## 1168
                  NA_fq_Precipitation_amount..40
                                                       min
                                                                    stc
                                                                             1
## 1169
                              NA_fq_Snow_depth..1
                                                       1se
                                                                             1
                                                                     stc
                              NA_fq_Snow_depth..1
## 1170
                                                       min
                                                                     stc
                                                                             1
## 1171
                              NA_fq_Snow_depth..4
                                                       1se
                                                                    stc
                                                                             1
## 1172
                              NA_fq_Snow_depth..4
                                                       min
                                                                             1
                                                                     stc
## 1173
                                    NA_length_days
                                                       1se
                                                                             1
                                                                    stc
## 1174
                                    NA length days
                                                       min
                                                                             1
                                                                    stc
## 1175
                   NA_sk_Maximum_temperature..31
                                                       1se
                                                                             1
                                                                    stc
## 1176
                   NA_sk_Maximum_temperature..31
                                                       min
                                                                     stc
                                                                             1
## 1177
                  NA_sk_Minimum_temperature...15
                                                       1se
                                                                     stc
                                                                             1
## 1178
                  NA_sk_Minimum_temperature...15
                                                       min
                                                                             1
                                                                     stc
## 1179
                 NA_sk_Precipitation_amount..0.1
                                                       1se
                                                                             1
                                                                    stc
## 1180
                 NA sk Precipitation amount..0.1
                                                       min
                                                                     stc
                                                                             1
## 1181
                  NA_sk_Precipitation_amount..40
                                                       1se
                                                                    stc
                                                                             1
## 1182
                  NA_sk_Precipitation_amount..40
                                                       min
                                                                    stc
                                                                             1
## 1183
                              NA_sk_Snow_depth..1
                                                       1se
                                                                    stc
                                                                             1
## 1184
                              NA_sk_Snow_depth..1
                                                       min
                                                                     stc
                                                                             1
## 1185
                              NA_sk_Snow_depth..4
                                                       1se
                                                                     stc
                                                                             1
## 1186
                              NA_sk_Snow_depth..4
                                                       min
                                                                    stc
                                                                             1
## 1187
                                     NA_total_prec
                                                       1se
                                                                     stc
                                                                             1
## 1188
                                     NA_total_prec
                                                       min
                                                                             1
                                                                     stc
## 1189
                                                NA.
                                                       1se
                                                                             1
                                                                     stc
## 1190
                                                NA.
                                                       min
                                                                             1
                                                                    stc
## 1191
                                        vegetative
                                                       1se
                                                                             1
                                                                     stc
## 1192
                                        vegetative
                                                       min
                                                                    stc
                                                                             1
## 1193
                              vegetative_avg_temp
                                                       1se
                                                                     stc
                                                                             1
## 1194
                              vegetative_avg_temp
                                                       min
                                                                             1
                                                                    stc
## 1195
           vegetative_fq_Maximum_temperature..31
                                                       1se
                                                                             1
                                                                     stc
## 1196
           vegetative_fq_Maximum_temperature..31
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## 1197
        vegetative fq Precipitation amount..0.1
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                                                                    stc
                                                                             1
## 1198
        vegetative_fq_Precipitation_amount..0.1
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## 1199
         vegetative_fq_Precipitation_amount..40
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## 1200
         vegetative_fq_Precipitation_amount..40
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## 1201
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                                                                     stc
                                                                             1
## 1203
                     vegetative_fq_Snow_depth..4
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                                                                     stc
                                                                             1
## 1204
                     vegetative_fq_Snow_depth..4
                                                       min
                                                                     stc
                                                                             1
## 1205
                           vegetative_length_days
                                                       1se
                                                                             1
                                                                    stc
## 1206
                           vegetative_length_days
                                                       min
                                                                             1
                                                                     stc
## 1207
                     vegetative_since_nyear_days
                                                       1se
                                                                             1
                                                                     stc
## 1208
                     vegetative_since_nyear_days
                                                       min
                                                                     stc
                                                                             1
## 1209
           vegetative_sk_Maximum_temperature..31
                                                       1se
                                                                             1
                                                                    stc
## 1210
          vegetative sk Maximum temperature..31
                                                       min
                                                                             1
```

```
## 1211 vegetative_sk_Precipitation_amount..0.1
                                                                             1
                                                       1se
                                                                    stc
                                                                             1
## 1212 vegetative_sk_Precipitation_amount..0.1
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                                                                    stc
## 1213
         vegetative_sk_Precipitation_amount..40
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                                                                    stc
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## 1214
         vegetative_sk_Precipitation_amount..40
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                                                                             1
                                                                    stc
## 1215
                     vegetative_sk_Snow_depth..1
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                                                                    stc
                                                                             1
## 1216
                     vegetative_sk_Snow_depth..1
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                                                                    stc
                                                                             1
## 1217
                     vegetative_sk_Snow_depth..4
                                                       1se
                                                                    stc
                                                                             1
## 1218
                     vegetative_sk_Snow_depth..4
                                                       min
                                                                    stc
                                                                             1
## 1219
                            vegetative_total_prec
                                                       1se
                                                                    stc
                                                                             1
## 1220
                                                       \min
                                                                    stc
                                                                             1
                            vegetative_total_prec
##
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## 2
           -14
## 3
           -18
## 4
           -16
## 5
            -5
## 6
          -16
## 7
           -12
## 8
            -9
## 9
            22
## 10
            10
## 11
           -26
## 12
           -23
## 13
            12
## 14
             8
## 15
           -20
## 16
           -22
## 17
           -21
## 18
          -10
## 19
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## 20
             9
## 21
           -14
## 22
            -8
## 23
            -4
## 24
            -3
## 25
            -4
## 26
            -9
## 27
             4
## 28
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## 29
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## 30
           -22
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## 31
## 32
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## 33
          -18
## 34
           -20
## 35
            14
## 36
            -5
## 37
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## 38
            37
## 39
            -1
## 40
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## 41
            46
## 42
            42
## 43
            -4
```

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##	49	-17
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##	52	42
##	53	
		6
##	54	-1
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##	56	45
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##	59	-2
##	60	-1
##	61	-14
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##	65	-46
##	66	-46
##	67	-30
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##	72	-27
##	73	-34
##	74	-39
##	75	-21
##	76	-35
##	77	39
##	78	37
##	79	-18
##	80	-16
##	81	-19
##	82	-6
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##	85	-18
##	86	21
##	87	-2
##	88	-1
##	89	-41
##	90	-42
##	91	-39
	91	-3 <i>9</i> -37
##		-3 <i>1</i> -23
##	93	
##	94	-19 -1
##	95	-1 -1
##	96	-1
##	97	32

```
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## 104
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## 105
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## 106
           41
           -2
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## 108
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## 109
          -11
## 110
           -8
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## 113
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## 114
          -14
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## 126
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## 127
## 128
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## 129
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## 130
           -4
## 131
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## 133
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## 134
## 135
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## 136
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## 137
## 138
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## 139
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## 140
          -10
## 141
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## 142
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## 143
            -5
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## 144
## 145
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## 146
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## 149
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## 151
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```

```
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          -18
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## 590
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## 604
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## 634
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## 637
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## 649
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## 656
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## 683
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## 689
## 690
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## 691
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## 708
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## 709
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## 717
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## 719
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## 723
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## 724
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## 726
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## 727
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## 728
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            0
            0
## 782
## 783
            0
## 784
           12
## 785
            0
## 786
            8
## 787
            8
## 788
           15
## 789
           -8
## 790
            0
## 791
           -8
## 792
          -17
## 793
           17
## 794
           -2
## 795
           13
## 796
           33
## 797
            0
## 798
            0
## 799
          -12
```

##	800	-18
##	801	0
##	802	-21
##	803	-13
##	804	-18
##	805	-10
##	806	-22
##	807	0
##	808	0
##	809	6
##	810	19
##	811	0
##	812	-6
##	813	0
##	814	1
##	815	0
##	816	-25
##	817	0
##	818 819	-17 0
##	820	-21
##	821	-21 -10
##	822	-10 -23
##	823	- <u>2</u> 3
##	824	-23
##	825	0
##	826	0
##	827	0
##	828	0
##	829	0
##	830	20
##	831	0
##	832	1
##	833	0
##	834	27
##	835	0
##	836	0
##	837	0
##	838	0
##	839	0
##	840	0
##	841	-2
##	842	-5
##	843	0
##	844	20
##	845	-44
##	846	1
##	847	0
##	848	5
##	849	0
##	850	0
##	851	0
##	852	0
##	853	0

```
## 854
          -18
## 855
            0
           -3
## 856
## 857
            0
## 858
            0
            0
## 859
## 860
          -47
## 861
            0
## 862
          -39
## 863
            0
            0
## 864
## 865
            0
## 866
            0
## 867
            0
## 868
           15
## 869
            0
## 870
          -45
## 871
            0
## 872
          -50
## 873
            0
## 874
            0
## 875
            5
## 876
            7
## 877
            0
## 878
           17
## 879
            0
## 880
            0
## 881
            0
## 882
            0
## 883
            0
## 884
           -42
## 885
           -3
## 886
           -8
## 887
            0
## 888
            0
## 889
            6
## 890
            1
## 891
            0
## 892
           -31
## 893
            0
## 894
            0
## 895
           47
## 896
           16
## 897
            3
## 898
            9
            2
## 899
## 900
           15
## 901
            0
## 902
            0
## 903
            0
## 904
            0
            0
## 905
## 906
          -44
## 907
            0
```

##	908	-27
##	909	50
##	910	20
##	911	-3
##	912	12
##	913	-6
##	914	-11
##	915	2
##	916	-4
##	917	0
##	918	14
##	919	0
##	920	0
##	921	-4
##	922	-11
##	923	0
##	924	0
##	925 926	0 -3
##	926	-3 -4
##	928	-4 15
##	929	0
##	930	0
##	931	45
##	932	25
##	933	0
##	934	0
##	935	0
##	936	-48
##	937	0
##	938	0
##	939	0
##	940	-33
##	941	0
##	942	0
##	943	0
##	944	-14
##	945	0
##	946	-54
##	947	0
##	948	0
##	949	0
##	950	0
##	951	0
##	952	0
##	953	0
##	954	-52
##	955	0
##	956	-26
##	957	0
##	958	0
##	959	0
##	960	0
##	961	0

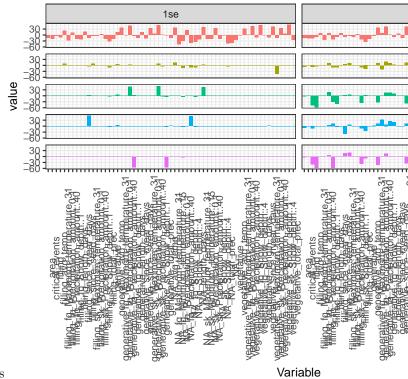
```
## 962
            0
## 963
           -2
## 964
           -5
## 965
            0
## 966
            0
## 967
            0
## 968
           17
## 969
            0
## 970
          -25
## 971
            0
## 972
            0
## 973
            0
## 974
            0
## 975
            0
## 976
           -2
## 977
            0
## 978
           -9
## 979
            0
## 980
            0
## 981
            0
## 982
          -10
## 983
            0
## 984
             1
## 985
             0
## 986
             0
## 987
            0
## 988
            0
## 989
            0
## 990
           19
## 991
            0
## 992
          -11
## 993
            0
## 994
           -7
## 995
            0
## 996
            0
## 997
           53
## 998
          -34
## 999
            0
## 1000
             4
## 1001
            0
## 1002
            0
## 1003
             0
## 1004
            0
## 1005
            0
## 1006
          -16
## 1007
           -3
## 1008
          -19
## 1009
            0
## 1010
            0
            2
## 1011
## 1012
            1
## 1013
            0
## 1014
           13
## 1015
            0
```

```
## 1016
           32
## 1017
            0
## 1018
           11
## 1019
            1
## 1020
           25
## 1021
            1
## 1022
           20
## 1023
             0
## 1024
            0
## 1025
             0
## 1026
            0
## 1027
            0
## 1028
            14
## 1029
            0
## 1030
            2
## 1031
            0
## 1032
            11
## 1033
           -2
## 1034
           22
## 1035
           -4
## 1036
          -20
## 1037
            2
## 1038
            -2
## 1039
            0
## 1040
           16
## 1041
            0
## 1042
            0
## 1043
           -2
## 1044
          -20
## 1045
            0
           23
## 1046
## 1047
           50
## 1048
          -16
## 1049
            1
## 1050
           30
## 1051
            0
## 1052
            0
## 1053
            0
## 1054
            19
## 1055
            0
## 1056
            0
## 1057
            0
## 1058
            -4
## 1059
            0
## 1060
           43
## 1061
            0
          -16
## 1062
## 1063
            0
## 1064
           27
## 1065
            0
## 1066
          -18
## 1067
            0
## 1068
          -16
## 1069
            0
```

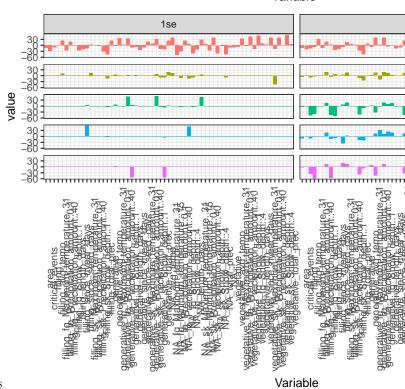
```
## 1070
             0
## 1071
             0
## 1072
             0
## 1073
             0
## 1074
           53
## 1075
             0
## 1076
            -2
## 1077
             0
## 1078
           20
## 1079
             0
## 1080
             0
## 1081
             0
## 1082
             0
## 1083
             0
## 1084
             0
## 1085
            -2
## 1086
           -7
## 1087
            0
## 1088
           48
## 1089
             0
## 1090
             6
## 1091
             0
## 1092
            -8
## 1093
             0
## 1094
             0
## 1095
             0
## 1096
             0
## 1097
             0
## 1098
            -9
## 1099
            0
## 1100
            -4
## 1101
             0
## 1102
             0
## 1103
             0
## 1104
           -36
## 1105
            0
## 1106
           -58
## 1107
             0
## 1108
             0
## 1109
             0
## 1110
             0
             0
## 1111
## 1112
           13
## 1113
             0
## 1114
           -56
## 1115
             0
## 1116
             0
## 1117
             0
## 1118
             0
## 1119
             0
## 1120
            18
## 1121
             0
## 1122
            15
## 1123
             0
```

```
## 1124
            0
## 1125
            0
## 1126
            0
## 1127
            0
## 1128
          -38
## 1129
            0
## 1130
            -8
## 1131
            0
## 1132
            0
## 1133
             3
## 1134
            9
## 1135
            0
## 1136
          -43
## 1137
            0
## 1138
            0
## 1139
            0
## 1140
           14
## 1141
          -53
## 1142
            0
## 1143
            0
## 1144
            0
## 1145
             0
## 1146
             0
## 1147
             0
## 1148
            0
## 1149
            0
## 1150
          -34
## 1151
            0
          -37
## 1152
## 1153
            0
## 1154
           12
## 1155
            0
## 1156
            0
## 1157
          -54
## 1158
           -3
## 1159
            0
## 1160
            -4
## 1161
            0
## 1162
           30
## 1163
            0
## 1164
            0
## 1165
            -1
## 1166
            -8
## 1167
            0
## 1168
            0
## 1169
            0
## 1170
            4
## 1171
           -1
## 1172
           44
## 1173
            0
## 1174
            0
            0
## 1175
## 1176
            13
## 1177
            0
```

```
## 1178
            0
## 1179
            0
## 1180
          -49
## 1181
            0
## 1182
            0
## 1183
            0
## 1184
          -47
## 1185
            0
## 1186
          -32
## 1187
            0
## 1188
           -6
## 1189
            0
## 1190
          -55
## 1191
            0
## 1192
            0
## 1193
            0
## 1194
            0
## 1195
            0
## 1196
          -35
## 1197
            0
## 1198
          -41
## 1199
            0
## 1200
          -31
## 1201
            0
## 1202
            0
## 1203
            0
## 1204
            0
## 1205
            0
## 1206
            0
## 1207
           -1
## 1208
           -1
## 1209
            0
## 1210
          -28
## 1211
            0
## 1212
           -2
## 1213
            0
## 1214
          -27
## 1215
            0
## 1216
            0
## 1217
            0
## 1218
            0
## 1219
             0
## 1220
             1
```



Comparison of differences between S1 and COEF ranks



Comparison of differences between ST and COEF ranks

Examination of rank variance along elasticnet method (alpha)

Dataset overview

##

Variable lambda method alpha rank

```
## 1
                                 filling_avg_temp
                                                              coef
                                                                     0.00
                                                                            12
                                                       min
              filling_fq_Maximum_temperature..31
## 2
                                                                     0.00
                                                                            22
                                                       min
                                                              coef
## 3
                                                                     0.00
           filling fq Precipitation amount..0.1
                                                       min
                                                              coef
                                                                            59
                                                                     0.00
##
  4
            filling_fq_Precipitation_amount..40
                                                       min
                                                                             1
                                                              coef
## 5
                         filling_fq_Snow_depth..1
                                                       min
                                                              coef
                                                                     0.00
                                                                            35
##
  6
                                                       min
                                                                     0.00
                                                                            38
                              filling length days
                                                              coef
##
                                                                     0.00
                        filling since nyear days
                                                       min
                                                              coef
                                                                            41
## 8
                                                                     0.00
                          filling_since_seed_days
                                                       min
                                                              coef
                                                                            34
##
              filling_sk_Maximum_temperature..31
                                                       min
                                                              coef
                                                                     0.00
                                                                            11
## 10
                                                                     0.00
           filling_sk_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                            44
  11
            filling_sk_Precipitation_amount..40
                                                       min
                                                              coef
                                                                     0.00
                                                                             6
##
   12
                         filling_sk_Snow_depth..1
                                                       min
                                                                     0.00
                                                                            46
                                                              coef
##
   13
                               filling_total_prec
                                                       min
                                                              coef
                                                                     0.00
                                                                            54
## 14
                              generative_avg_temp
                                                                     0.00
                                                       min
                                                              coef
                                                                            17
## 15
          generative_fq_Maximum_temperature..31
                                                              coef
                                                                     0.00
                                                                            10
                                                       min
##
  16
        generative_fq_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                     0.00
                                                                            40
##
                                                                     0.00
                                                                             9
   17
         generative_fq_Precipitation_amount..40
                                                       min
                                                              coef
   18
                                                                     0.00
##
                     generative_fq_Snow_depth..1
                                                       min
                                                              coef
                                                                            27
##
  19
                                                                     0.00
                           generative_length_days
                                                       min
                                                              coef
                                                                            28
  20
##
                     generative since nyear days
                                                       min
                                                              coef
                                                                     0.00
                                                                            31
##
  21
                      generative_since_seed_days
                                                       min
                                                              coef
                                                                     0.00
                                                                            39
## 22
          generative_sk_Maximum_temperature..31
                                                       min
                                                              coef
                                                                     0.00
                                                                             7
## 23
        generative_sk_Precipitation_amount..0.1
                                                                     0.00
                                                                            47
                                                       min
                                                              coef
##
   24
         generative sk Precipitation amount..40
                                                              coef
                                                                     0.00
                                                       min
                                                                             8
##
  25
                                                                     0.00
                     generative_sk_Snow_depth..1
                                                       min
                                                              coef
                                                                            29
  26
                            generative_total_prec
                                                       min
                                                              coef
                                                                     0.00
                                                                            60
                                                                     0.00
##
  27
                                       NA_avg_temp
                                                       min
                                                              coef
                                                                            14
   28
                                                                     0.00
                                                                             2
##
                   NA_fq_Maximum_temperature..31
                                                       min
                                                              coef
   29
##
                  NA_fq_Minimum_temperature...15
                                                       min
                                                              coef
                                                                     0.00
                                                                            53
   30
                                                                     0.00
##
                 NA_fq_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                            32
##
  31
                  NA_fq_Precipitation_amount..40
                                                       min
                                                              coef
                                                                     0.00
                                                                            20
##
   32
                              NA_fq_Snow_depth..1
                                                       min
                                                              coef
                                                                     0.00
                                                                            43
   33
                                                                     0.00
##
                              NA_fq_Snow_depth..4
                                                       min
                                                              coef
                                                                            45
##
   34
                                                              coef
                                                                     0.00
                                                                            58
                                   NA_length_days
                                                       min
##
   35
                   NA sk Maximum temperature..31
                                                       min
                                                              coef
                                                                     0.00
                                                                             3
##
   36
                                                       min
                                                                     0.00
                                                                            30
                  NA_sk_Minimum_temperature...15
                                                              coef
##
   37
                 NA sk Precipitation amount..0.1
                                                       min
                                                              coef
                                                                     0.00
##
  38
                  NA_sk_Precipitation_amount..40
                                                       min
                                                              coef
                                                                     0.00
                                                                            21
##
  39
                              NA_sk_Snow_depth..1
                                                       min
                                                              coef
                                                                     0.00
                                                                            37
##
  40
                                                       min
                                                                     0.00
                                                                            56
                              NA_sk_Snow_depth..4
                                                              coef
##
  41
                                                                     0.00
                                     NA total prec
                                                       min
                                                              coef
                                                                            57
##
  42
                              vegetative_avg_temp
                                                       min
                                                              coef
                                                                     0.00
                                                                            23
                                                                     0.00
##
   43
          vegetative_fq_Maximum_temperature..31
                                                       min
                                                              coef
                                                                             5
                                                                     0.00
                                                                            25
##
   44
        vegetative_fq_Precipitation_amount..0.1
                                                       min
                                                              coef
  45
                                                                     0.00
         vegetative_fq_Precipitation_amount..40
                                                       min
                                                              coef
                                                                            16
                                                                     0.00
## 46
                                                              coef
                                                                            48
                     vegetative_fq_Snow_depth..1
                                                       min
                                                                     0.00
##
   47
                     vegetative_fq_Snow_depth..4
                                                       min
                                                              coef
                                                                            19
##
  48
                                                                     0.00
                                                                            51
                           vegetative_length_days
                                                       min
                                                              coef
##
  49
                     vegetative_since_nyear_days
                                                       min
                                                              coef
                                                                     0.00
                                                                            26
  50
##
           vegetative_sk_Maximum_temperature..31
                                                       min
                                                              coef
                                                                     0.00
                                                                             4
##
  51
        vegetative_sk_Precipitation_amount..0.1
                                                                     0.00
                                                                            24
                                                       min
                                                              coef
## 52
         vegetative_sk_Precipitation_amount..40
                                                       min
                                                              coef
                                                                     0.00
                                                                            13
## 53
                     vegetative_sk_Snow_depth..1
                                                       min
                                                              coef
                                                                     0.00
                                                                            52
## 54
                     vegetative sk Snow depth..4
                                                       min
                                                              coef
                                                                    0.00
                                                                            18
```

```
## 55
                            vegetative_total_prec
                                                                    0.00
                                                                            49
                                                       min
                                                              coef
## 56
                                                                    0.00
                                                                            61
                                  critical events
                                                       min
                                                              coef
## 57
                                           filling
                                                       min
                                                              coef
                                                                    0.00
                                                                            55
                                                                    0.00
## 58
                                        generative
                                                       min
                                                                            50
                                                              coef
##
  59
                                               NA.
                                                       min
                                                              coef
                                                                    0.00
                                                                            42
  60
                                                       min
                                                                    0.00
##
                                        vegetative
                                                              coef
                                                                            36
## 61
                                                                    0.00
                                              area
                                                       min
                                                              coef
                                                                            15
## 62
                                                                    0.00
                                 filling_avg_temp
                                                       min
                                                                s1
                                                                             3
##
  63
              filling_fq_Maximum_temperature..31
                                                       min
                                                                    0.00
                                                                            32
                                                                    0.00
                                                                            36
##
   64
           filling_fq_Precipitation_amount..0.1
                                                       min
                                                                s1
##
   65
            filling_fq_Precipitation_amount..40
                                                       min
                                                                    0.00
                                                                             9
                                                                s1
   66
                                                                    0.00
                                                                            13
##
                         filling_fq_Snow_depth..1
                                                       min
                                                                s1
##
   67
                              filling_length_days
                                                       min
                                                                    0.00
                                                                            28
   68
                         filling_since_nyear_days
                                                                    0.00
##
                                                       min
                                                                            50
##
  69
                          filling_since_seed_days
                                                                    0.00
                                                                            26
                                                       min
                                                                s1
## 70
              filling_sk_Maximum_temperature..31
                                                       min
                                                                    0.00
                                                                             8
##
  71
                                                                    0.00
                                                                            35
           filling_sk_Precipitation_amount..0.1
                                                       min
                                                                    0.00
##
  72
            filling_sk_Precipitation_amount..40
                                                                            11
                                                       min
##
  73
                                                                    0.00
                         filling_sk_Snow_depth..1
                                                                            24
                                                       min
                                                                s1
##
  74
                               filling_total_prec
                                                       min
                                                                    0.00
                                                                            21
##
  75
                              generative_avg_temp
                                                       min
                                                                    0.00
                                                                            12
##
  76
                                                                    0.00
          generative_fq_Maximum_temperature..31
                                                       min
                                                                    0.00
## 77
                                                                            48
        generative_fq_Precipitation_amount..0.1
                                                       min
                                                                s1
   78
                                                                    0.00
##
         generative_fq_Precipitation_amount..40
                                                       min
                                                                            51
##
  79
                                                                    0.00
                                                                            29
                     generative_fq_Snow_depth..1
                                                       min
                                                                s1
  80
                           generative_length_days
                                                       min
                                                                s1
                                                                    0.00
                                                                            20
##
  81
                                                                    0.00
                                                                            37
                     generative_since_nyear_days
                                                       min
                                                                s1
   82
                                                                    0.00
                                                                            25
##
                      generative_since_seed_days
                                                       min
                                                                    0.00
##
  83
           generative_sk_Maximum_temperature..31
                                                       min
                                                                            49
                                                                    0.00
##
  84
        generative_sk_Precipitation_amount..0.1
                                                                            46
                                                       min
                                                                s1
## 85
         generative_sk_Precipitation_amount..40
                                                       min
                                                                    0.00
                                                                            53
##
   86
                     generative_sk_Snow_depth..1
                                                       min
                                                                s1
                                                                    0.00
                                                                            31
   87
                                                                    0.00
                                                                            59
##
                            generative_total_prec
                                                       min
##
  88
                                                                    0.00
                                                                             4
                                       NA_avg_temp
                                                       min
                                                                s1
##
   89
                   NA fq Maximum temperature..31
                                                                    0.00
                                                                            41
                                                       min
##
  90
                                                                    0.00
                                                                             7
                  NA_fq_Minimum_temperature...15
                                                       min
##
  91
                 NA fg Precipitation amount..0.1
                                                       min
                                                                    0.00
                                                                             2
## 92
                  NA_fq_Precipitation_amount..40
                                                                    0.00
                                                                            43
                                                       min
                                                                s1
## 93
                                                                    0.00
                                                                            16
                              NA_fq_Snow_depth..1
                                                       min
##
  94
                                                                    0.00
                                                                             6
                              NA_fq_Snow_depth..4
                                                       min
                                                                s1
##
  95
                                                                    0.00
                                   NA length days
                                                       min
                                                                            23
## 96
                   NA sk Maximum temperature..31
                                                                    0.00
                                                                            40
                                                       min
                                                                s1
   97
                                                                    0.00
##
                  NA sk Minimum temperature...15
                                                       min
                                                                            14
                                                                    0.00
##
  98
                 NA_sk_Precipitation_amount..0.1
                                                                            27
                                                       min
## 99
                                                                    0.00
                  NA_sk_Precipitation_amount..40
                                                       min
                                                                s1
                                                                            52
                                                                    0.00
## 100
                                                                            58
                              NA_sk_Snow_depth..1
                                                       min
                                                                s1
                                                                    0.00
## 101
                              NA_sk_Snow_depth..4
                                                       min
                                                                            55
## 102
                                                                    0.00
                                                                            15
                                     NA_total_prec
                                                       min
## 103
                              vegetative_avg_temp
                                                       min
                                                                    0.00
                                                                            22
                                                                s1
##
   104
           vegetative_fq_Maximum_temperature..31
                                                       min
                                                                    0.00
                                                                            38
##
   105
                                                                    0.00
                                                                            33
        vegetative_fq_Precipitation_amount..0.1
                                                       min
## 106
                                                                    0.00
         vegetative_fq_Precipitation_amount..40
                                                       min
                                                                            57
## 107
                     vegetative_fq_Snow_depth..1
                                                                    0.00
                                                                            34
                                                       min
                                                                s1
## 108
                     vegetative_fq_Snow_depth..4
                                                                s1
                                                                    0.00
                                                       min
```

```
## 109
                           vegetative_length_days
                                                       min
                                                                    0.00
                                                                            44
## 110
                                                                    0.00
                                                                            18
                     vegetative_since_nyear_days
                                                       min
                                                                s1
## 111
           vegetative sk Maximum temperature..31
                                                       min
                                                                    0.00
                                                                            56
                                                                    0.00
## 112
        vegetative_sk_Precipitation_amount..0.1
                                                                            10
                                                       min
                                                                s1
## 113
         vegetative_sk_Precipitation_amount..40
                                                       min
                                                                    0.00
                                                                            42
## 114
                                                                    0.00
                     vegetative sk Snow depth..1
                                                       min
                                                                            54
## 115
                                                                    0.00
                     vegetative_sk_Snow_depth..4
                                                       min
                                                                s1
                                                                            61
                                                                    0.00
                                                                            19
## 116
                            vegetative_total_prec
                                                       min
                                                                s1
## 117
                                  critical_events
                                                       min
                                                                    0.00
                                                                            45
## 118
                                                                    0.00
                                           filling
                                                       min
                                                                s1
                                                                            39
## 119
                                        generative
                                                       min
                                                                    0.00
                                                                            30
                                                                s1
## 120
                                                                    0.00
                                                                             5
                                                NA.
                                                       min
                                                                s1
## 121
                                        vegetative
                                                       min
                                                                    0.00
                                                                            17
## 122
                                                                    0.00
                                              area
                                                       min
                                                                             1
## 123
                                                                    0.00
                                                                             3
                                 filling_avg_temp
                                                       min
                                                                st
## 124
              filling_fq_Maximum_temperature..31
                                                       min
                                                                    0.00
                                                                            54
## 125
                                                                    0.00
           filling_fq_Precipitation_amount..0.1
                                                                            46
                                                       min
## 126
            filling_fq_Precipitation_amount..40
                                                                    0.00
                                                                            19
                                                       min
## 127
                                                                    0.00
                         filling_fq_Snow_depth..1
                                                       min
                                                                            38
                                                                st
## 128
                              filling_length_days
                                                       min
                                                                    0.00
                                                                            15
## 129
                         filling_since_nyear_days
                                                       min
                                                                    0.00
                                                                            23
## 130
                          filling_since_seed_days
                                                                    0.00
                                                       min
                                                                st
## 131
                                                                    0.00
                                                                            27
              filling_sk_Maximum_temperature..31
                                                       min
                                                                st
## 132
                                                                    0.00
           filling sk Precipitation amount..0.1
                                                       min
                                                                            51
## 133
                                                                    0.00
            filling_sk_Precipitation_amount..40
                                                       min
                                                                st.
                                                                            10
## 134
                         filling_sk_Snow_depth..1
                                                       min
                                                                st.
                                                                    0.00
                                                                            20
## 135
                               filling_total_prec
                                                                    0.00
                                                                             8
                                                       min
                                                                st
  136
                                                                    0.00
                                                                             9
##
                              generative_avg_temp
                                                       min
## 137
                                                                    0.00
                                                                            48
           generative_fq_Maximum_temperature..31
                                                       min
## 138
        generative_fq_Precipitation_amount..0.1
                                                       min
                                                                    0.00
                                                                            45
                                                                st
## 139
         generative_fq_Precipitation_amount..40
                                                       min
                                                                    0.00
                                                                            47
## 140
                     generative_fq_Snow_depth..1
                                                       min
                                                                st.
                                                                    0.00
                                                                            21
## 141
                                                                    0.00
                           generative_length_days
                                                       min
                                                                            26
## 142
                                                                    0.00
                     generative_since_nyear_days
                                                                            16
                                                       min
                                                                st
## 143
                      generative since seed days
                                                                    0.00
                                                                            29
                                                       min
## 144
                                                                    0.00
          generative_sk_Maximum_temperature..31
                                                       min
                                                                            31
## 145
        generative sk Precipitation amount..0.1
                                                       min
                                                                    0.00
## 146
         generative_sk_Precipitation_amount..40
                                                                    0.00
                                                                            35
                                                       min
                                                                st.
## 147
                     generative_sk_Snow_depth..1
                                                                    0.00
                                                                            22
                                                       min
## 148
                                                                    0.00
                                                                            44
                            generative_total_prec
                                                       min
                                                                st.
## 149
                                                                    0.00
                                       NA_avg_temp
                                                       min
## 150
                   NA fq Maximum temperature..31
                                                                    0.00
                                                                            43
                                                       min
                                                                st.
                                                                    0.00
##
  151
                  NA fq Minimum temperature...15
                                                       min
                                                                             6
                                                                    0.00
                                                                             2
## 152
                 NA_fq_Precipitation_amount..0.1
                                                       min
## 153
                                                                    0.00
                  NA_fq_Precipitation_amount..40
                                                       min
                                                                st
                                                                            42
## 154
                                                                    0.00
                                                                            24
                              NA_fq_Snow_depth..1
                                                       min
                                                                st
                                                                    0.00
## 155
                              NA_fq_Snow_depth..4
                                                       min
                                                                             4
## 156
                                                                    0.00
                                    NA_length_days
                                                       min
                                                                            30
## 157
                   NA_sk_Maximum_temperature..31
                                                       min
                                                                    0.00
                                                                            33
                                                                st
## 158
                  NA_sk_Minimum_temperature...15
                                                       min
                                                                    0.00
                                                                            55
## 159
                                                                    0.00
                 NA_sk_Precipitation_amount..0.1
                                                                            14
                                                       min
## 160
                                                                    0.00
                  NA_sk_Precipitation_amount..40
                                                       min
                                                                            60
## 161
                              NA_sk_Snow_depth..1
                                                                    0.00
                                                                             5
                                                       min
                                                                st
## 162
                              NA_sk_Snow_depth..4
                                                       min
                                                                    0.00
                                                                            34
```

```
## 163
                                     NA_total_prec
                                                       min
                                                                    0.00
                                                                            17
## 164
                                                                    0.00
                                                                            13
                              vegetative_avg_temp
                                                       min
## 165
          vegetative fq Maximum temperature..31
                                                       min
                                                                    0.00
                                                                            40
                                                                    0.00
  166
        vegetative_fq_Precipitation_amount..0.1
                                                                            18
##
                                                       min
##
   167
         vegetative_fq_Precipitation_amount..40
                                                       min
                                                                    0.00
                                                                            57
## 168
                                                                    0.00
                                                                            28
                     vegetative fq Snow depth..1
                                                       min
## 169
                                                                    0.00
                     vegetative fq Snow depth..4
                                                       min
                                                                st
                                                                            59
                                                                    0.00
## 170
                           vegetative_length_days
                                                       min
                                                                st.
                                                                            52
## 171
                     vegetative_since_nyear_days
                                                       min
                                                                    0.00
                                                                            32
## 172
                                                                    0.00
                                                                            56
           vegetative_sk_Maximum_temperature..31
                                                       min
                                                                st
## 173
        vegetative_sk_Precipitation_amount..0.1
                                                       min
                                                                    0.00
                                                                             7
                                                                st
## 174
         vegetative_sk_Precipitation_amount..40
                                                                    0.00
                                                                            49
                                                       min
  175
##
                     vegetative_sk_Snow_depth..1
                                                       min
                                                                    0.00
                                                                            50
## 176
                                                                    0.00
                     vegetative_sk_Snow_depth..4
                                                       min
## 177
                            vegetative_total_prec
                                                                    0.00
                                                                            36
                                                       min
                                                                st
## 178
                                  critical_events
                                                       min
                                                                    0.00
## 179
                                                                    0.00
                                                                            39
                                           filling
                                                       min
## 180
                                                                    0.00
                                        generative
                                                                            58
                                                       min
                                                                            12
## 181
                                                                    0.00
                                               NA.
                                                       min
                                                                st
## 182
                                        vegetative
                                                       min
                                                                    0.00
                                                                            37
## 183
                                               area
                                                       min
                                                                    0.00
                                                                             1
## 184
                                 filling_avg_temp
                                                                    0.00
                                                                            16
                                                       1se
                                                              coef
                                                                    0.00
## 185
              filling_fq_Maximum_temperature..31
                                                                            20
                                                       1se
                                                              coef
## 186
           filling fq Precipitation amount..0.1
                                                              coef
                                                                    0.00
                                                                            48
                                                       1se
## 187
                                                                    0.00
                                                                             3
             filling_fq_Precipitation_amount..40
                                                       1se
                                                              coef
## 188
                         filling_fq_Snow_depth..1
                                                       1se
                                                              coef
                                                                    0.00
                                                                            53
## 189
                                                       1se
                                                              coef
                                                                    0.00
                                                                            52
                              filling_length_days
  190
                                                                    0.00
##
                         filling_since_nyear_days
                                                       1se
                                                              coef
                                                                            42
## 191
                                                                    0.00
                                                       1se
                                                              coef
                                                                            33
                          filling_since_seed_days
## 192
                                                                    0.00
              filling_sk_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                            10
## 193
           filling_sk_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                    0.00
                                                                            40
## 194
             filling_sk_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                    0.00
                                                                            13
## 195
                                                                    0.00
                         filling_sk_Snow_depth..1
                                                       1se
                                                              coef
                                                                            54
## 196
                                                              coef
                                                                    0.00
                               filling_total_prec
                                                       1se
                                                                            51
## 197
                              generative_avg_temp
                                                       1se
                                                              coef
                                                                    0.00
                                                                            15
##
  198
                                                                    0.00
          generative_fq_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                            11
## 199
        generative fq Precipitation amount..0.1
                                                       1se
                                                              coef
                                                                    0.00
                                                                            50
## 200
         generative_fq_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                    0.00
                                                                             5
## 201
                     generative_fq_Snow_depth..1
                                                       1se
                                                              coef
                                                                    0.00
                                                                            28
## 202
                                                              coef
                                                                    0.00
                                                                            27
                           generative_length_days
                                                       1se
## 203
                                                              coef
                                                                    0.00
                     generative since nyear days
                                                       1se
## 204
                      generative_since_seed_days
                                                       1se
                                                              coef
                                                                    0.00
                                                                            38
   205
                                                                    0.00
           generative_sk_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                            12
   206
                                                                    0.00
##
        generative_sk_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                            35
## 207
                                                                    0.00
         generative_sk_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                             4
## 208
                                                                    0.00
                                                                            29
                     generative_sk_Snow_depth..1
                                                       1se
                                                              coef
## 209
                                                                    0.00
                            generative_total_prec
                                                       1se
                                                              coef
                                                                            57
## 210
                                                                    0.00
                                                                            17
                                       NA_avg_temp
                                                       1se
                                                              coef
                                                              coef
## 211
                   NA_fq_Maximum_temperature..31
                                                       1se
                                                                    0.00
                                                                             2
## 212
                  NA_fq_Minimum_temperature...15
                                                       1se
                                                              coef
                                                                    0.00
                                                                            56
## 213
                                                                    0.00
                                                                            32
                 NA_fq_Precipitation_amount..0.1
                                                       1se
                                                              coef
## 214
                                                                    0.00
                                                                            22
                  NA_fq_Precipitation_amount..40
                                                       1se
                                                              coef
## 215
                              NA_fq_Snow_depth..1
                                                       1se
                                                              coef
                                                                    0.00
                                                                            46
## 216
                              NA_fq_Snow_depth..4
                                                       1se
                                                              coef
                                                                    0.00
                                                                            43
```

```
## 217
                                    NA length days
                                                        1se
                                                              coef
                                                                     0.00
                                                                             58
## 218
                                                                     0.00
                                                                             1
                   NA_sk_Maximum_temperature..31
                                                        1se
                                                              coef
## 219
                  NA sk Minimum temperature...15
                                                        1se
                                                              coef
                                                                     0.00
                                                                             26
## 220
                                                                     0.00
                 NA_sk_Precipitation_amount..0.1
                                                        1se
                                                              coef
                                                                             47
## 221
                  NA_sk_Precipitation_amount..40
                                                        1se
                                                              coef
                                                                     0.00
                                                                             21
## 222
                                                                     0.00
                              NA sk Snow depth..1
                                                        1se
                                                              coef
                                                                             45
## 223
                                                                     0.00
                              NA sk Snow depth..4
                                                        1se
                                                              coef
                                                                             60
## 224
                                                                     0.00
                                     NA total prec
                                                        1se
                                                              coef
                                                                             55
##
  225
                              vegetative_avg_temp
                                                        1se
                                                              coef
                                                                     0.00
                                                                             24
##
  226
                                                                     0.00
           vegetative_fq_Maximum_temperature..31
                                                        1se
                                                              coef
                                                                             18
   227
        vegetative_fq_Precipitation_amount..0.1
                                                        1se
                                                              coef
                                                                     0.00
                                                                             30
  228
                                                                             7
##
         vegetative_fq_Precipitation_amount..40
                                                                     0.00
                                                        1se
                                                              coef
   229
##
                     vegetative_fq_Snow_depth..1
                                                        1se
                                                              coef
                                                                     0.00
                                                                             36
## 230
                                                                     0.00
                     vegetative_fq_Snow_depth..4
                                                        1se
                                                              coef
                                                                             8
## 231
                                                              coef
                                                                     0.00
                                                                             37
                           vegetative_length_days
                                                        1se
## 232
                     vegetative_since_nyear_days
                                                        1se
                                                              coef
                                                                     0.00
                                                                             23
##
  233
                                                                     0.00
           vegetative_sk_Maximum_temperature..31
                                                        1se
                                                              coef
                                                                             19
##
   234
        vegetative sk Precipitation amount..0.1
                                                        1se
                                                              coef
                                                                     0.00
                                                                             25
##
  235
                                                                     0.00
         vegetative_sk_Precipitation_amount..40
                                                        1se
                                                              coef
                                                                             6
   236
##
                     vegetative_sk_Snow_depth..1
                                                        1se
                                                              coef
                                                                     0.00
                                                                             39
##
  237
                     vegetative_sk_Snow_depth..4
                                                        1se
                                                              coef
                                                                     0.00
                                                                             9
## 238
                            vegetative_total_prec
                                                        1se
                                                              coef
                                                                     0.00
                                                                             49
## 239
                                                                     0.00
                                   critical_events
                                                        1se
                                                              coef
                                                                             61
## 240
                                                              coef
                                                                     0.00
                                           filling
                                                        1se
                                                                             59
## 241
                                                                     0.00
                                        generative
                                                        1se
                                                              coef
                                                                             34
  242
                                                NA.
                                                        1se
                                                              coef
                                                                     0.00
                                                                             44
##
  243
                                                        1se
                                                              coef
                                                                     0.00
                                                                             41
                                        vegetative
   244
                                                                     0.00
##
                                                        1se
                                                              coef
                                                                             14
                                               area
## 245
                                                                     0.00
                                                                             4
                                  filling_avg_temp
                                                        1se
                                                                s1
## 246
              filling_fq_Maximum_temperature..31
                                                        1se
                                                                     0.00
                                                                             42
                                                                s1
## 247
           filling_fq_Precipitation_amount..0.1
                                                        1se
                                                                s1
                                                                     0.00
                                                                             22
## 248
             filling_fq_Precipitation_amount..40
                                                        1se
                                                                s1
                                                                     0.00
                                                                             15
  249
                                                                     0.00
##
                         filling_fq_Snow_depth..1
                                                        1se
                                                                             33
## 250
                                                                     0.00
                              filling_length_days
                                                        1se
                                                                             31
                                                                s1
  251
##
                         filling since nyear days
                                                        1se
                                                                     0.00
                                                                             59
##
  252
                                                                     0.00
                          filling_since_seed_days
                                                        1se
                                                                             19
## 253
              filling sk Maximum temperature..31
                                                        1se
                                                                     0.00
                                                                             6
## 254
           filling_sk_Precipitation_amount..0.1
                                                                     0.00
                                                                             36
                                                        1se
                                                                s1
## 255
             filling_sk_Precipitation_amount..40
                                                                     0.00
                                                                             17
                                                        1se
## 256
                                                                     0.00
                                                                             34
                         filling_sk_Snow_depth..1
                                                        1se
                                                                s1
##
  257
                                                                     0.00
                                                                             20
                               filling total prec
                                                        1se
## 258
                              generative_avg_temp
                                                                     0.00
                                                                             29
                                                        1se
                                                                s1
   259
                                                                     0.00
##
           generative_fq_Maximum_temperature..31
                                                        1se
                                                                             48
   260
                                                                     0.00
##
        generative_fq_Precipitation_amount..0.1
                                                                             49
                                                        1se
  261
                                                                     0.00
         generative_fq_Precipitation_amount..40
                                                        1se
                                                                s1
                                                                             51
## 262
                                                                     0.00
                     generative_fq_Snow_depth..1
                                                                             24
                                                        1se
                                                                s1
## 263
                                                                     0.00
                           generative_length_days
                                                        1se
                                                                             13
## 264
                                                                     0.00
                     generative_since_nyear_days
                                                        1se
                                                                             44
                      generative_since_seed_days
##
  265
                                                        1se
                                                                s1
                                                                     0.00
                                                                             21
   266
##
           generative_sk_Maximum_temperature..31
                                                        1se
                                                                     0.00
                                                                             46
##
   267
        generative_sk_Precipitation_amount..0.1
                                                                     0.00
                                                                             41
                                                        1se
## 268
                                                                     0.00
         generative_sk_Precipitation_amount..40
                                                        1se
                                                                             53
## 269
                     generative_sk_Snow_depth..1
                                                                     0.00
                                                                             30
                                                        1se
                                                                s1
## 270
                            generative total prec
                                                        1se
                                                                s1
                                                                     0.00
                                                                             55
```

```
## 271
                                       NA_avg_temp
                                                       1se
                                                                     0.00
                                                                             3
## 272
                                                                     0.00
                                                                            38
                   NA_fq_Maximum_temperature..31
                                                       1se
                                                                s1
## 273
                  NA fq Minimum temperature...15
                                                       1se
                                                                     0.00
                                                                            10
## 274
                                                                     0.00
                 NA_fq_Precipitation_amount..0.1
                                                                             2
                                                       1se
                                                                s1
## 275
                  NA_fq_Precipitation_amount..40
                                                       1se
                                                                     0.00
                                                                            47
## 276
                                                                     0.00
                                                                             7
                              NA fq Snow depth..1
                                                       1se
## 277
                                                                     0.00
                                                                             9
                              NA_fq_Snow_depth..4
                                                       1se
                                                                s1
## 278
                                                                     0.00
                                    NA_length_days
                                                       1se
                                                                s1
                                                                            37
##
  279
                   NA_sk_Maximum_temperature..31
                                                       1se
                                                                     0.00
                                                                            40
  280
                                                                     0.00
##
                  NA_sk_Minimum_temperature...15
                                                       1se
                                                                             8
  281
                 NA_sk_Precipitation_amount..0.1
                                                       1se
                                                                     0.00
                                                                            28
                                                                s1
  282
                  NA_sk_Precipitation_amount..40
                                                                     0.00
                                                                            56
##
                                                       1se
                                                                s1
##
  283
                              NA_sk_Snow_depth..1
                                                                     0.00
                                                                            27
                                                       1se
## 284
                                                                     0.00
                              NA_sk_Snow_depth..4
                                                       1se
                                                                            58
## 285
                                                                     0.00
                                     NA_total_prec
                                                       1se
                                                                s1
                                                                            14
## 286
                              vegetative_avg_temp
                                                       1se
                                                                     0.00
                                                                            23
##
  287
                                                                     0.00
                                                                            50
           vegetative_fq_Maximum_temperature..31
                                                       1se
##
   288
        vegetative fg Precipitation amount..0.1
                                                                     0.00
                                                                            32
                                                       1se
##
  289
                                                                     0.00
         vegetative_fq_Precipitation_amount..40
                                                                            52
                                                       1se
                                                                s1
  290
##
                     vegetative_fq_Snow_depth..1
                                                       1se
                                                                     0.00
                                                                            25
##
  291
                     vegetative_fq_Snow_depth..4
                                                       1se
                                                                     0.00
                                                                            57
## 292
                           vegetative_length_days
                                                                     0.00
                                                       1se
## 293
                                                                     0.00
                     vegetative since nyear days
                                                       1se
                                                                s1
                                                                            12
##
  294
          vegetative sk Maximum temperature..31
                                                                     0.00
                                                       1se
                                                                            60
##
  295
                                                                     0.00
        vegetative_sk_Precipitation_amount..0.1
                                                       1se
                                                                s1
                                                                            11
  296
         vegetative_sk_Precipitation_amount..40
                                                       1se
                                                                s1
                                                                     0.00
                                                                            39
##
  297
                     vegetative_sk_Snow_depth..1
                                                                     0.00
                                                                            45
                                                       1se
                                                                s1
  298
                                                                     0.00
##
                     vegetative_sk_Snow_depth..4
                                                       1se
                                                                            61
## 299
                            vegetative_total_prec
                                                                     0.00
                                                                            26
                                                       1se
## 300
                                                                     0.00
                                   critical_events
                                                       1se
                                                                            43
                                                                s1
## 301
                                           filling
                                                       1se
                                                                     0.00
                                                                            54
## 302
                                        generative
                                                       1se
                                                                s1
                                                                     0.00
                                                                            16
## 303
                                                                     0.00
                                                NA.
                                                       1se
                                                                             5
## 304
                                                                     0.00
                                        vegetative
                                                                            18
                                                       1se
                                                                s1
##
  305
                                                                     0.00
                                               area
                                                       1se
                                                                             1
                                                                            14
##
  306
                                                                     0.00
                                 filling_avg_temp
                                                       1se
## 307
              filling fq Maximum temperature..31
                                                       1se
                                                                     0.00
## 308
           filling_fq_Precipitation_amount..0.1
                                                                     0.00
                                                                            22
                                                       1se
                                                                st.
## 309
             filling_fq_Precipitation_amount..40
                                                                     0.00
                                                       1se
## 310
                                                                    0.00
                                                                            52
                         filling_fq_Snow_depth..1
                                                       1se
                                                                st.
## 311
                                                                     0.00
                              filling length days
                                                       1se
## 312
                         filling_since_nyear_days
                                                                     0.00
                                                                            21
                                                       1se
                                                                st.
  313
                                                                     0.00
##
                          filling_since_seed_days
                                                       1se
                                                                            17
## 314
                                                                    0.00
              filling_sk_Maximum_temperature..31
                                                                            13
                                                       1se
## 315
                                                                     0.00
           filling_sk_Precipitation_amount..0.1
                                                       1se
                                                                st
                                                                            39
## 316
                                                                     0.00
             filling_sk_Precipitation_amount..40
                                                                            10
                                                       1se
                                                                st
## 317
                                                                     0.00
                         filling_sk_Snow_depth..1
                                                       1se
                                                                            24
## 318
                                                                     0.00
                                                                             4
                               filling_total_prec
                                                       1se
## 319
                              generative_avg_temp
                                                       1se
                                                                     0.00
                                                                            12
                                                                st.
  320
##
           generative_fq_Maximum_temperature..31
                                                       1se
                                                                     0.00
                                                                            48
##
   321
                                                                     0.00
                                                                            54
        generative_fq_Precipitation_amount..0.1
                                                       1se
## 322
                                                                    0.00
         generative_fq_Precipitation_amount..40
                                                       1se
                                                                            40
## 323
                     generative_fq_Snow_depth..1
                                                                    0.00
                                                                            16
                                                       1se
                                                                st
## 324
                           generative length days
                                                                    0.00
                                                       1se
```

```
## 325
                     generative since nyear days
                                                        1se
                                                                     0.00
                                                                             8
## 326
                                                                     0.00
                                                                             27
                       generative_since_seed_days
                                                        1se
## 327
           generative sk Maximum temperature..31
                                                        1se
                                                                     0.00
                                                                             31
  328
                                                                     0.00
##
        generative_sk_Precipitation_amount..0.1
                                                                             43
                                                        1se
                                                                st
##
   329
         generative_sk_Precipitation_amount..40
                                                        1se
                                                                     0.00
                                                                             35
##
   330
                     generative sk Snow depth..1
                                                                     0.00
                                                                             11
                                                        1se
  331
                                                                     0.00
                            generative total prec
                                                        1se
                                                                st
                                                                             37
## 332
                                                                     0.00
                                       NA_avg_temp
                                                        1se
                                                                st.
                                                                             42
##
   333
                   NA_fq_Maximum_temperature..31
                                                        1se
                                                                     0.00
                                                                             41
  334
                                                                     0.00
                                                                             7
##
                  NA_fq_Minimum_temperature...15
                                                        1se
                                                                st
   335
                 NA_fq_Precipitation_amount..0.1
                                                        1se
                                                                     0.00
                                                                             2
                                                                st
   336
                  NA_fq_Precipitation_amount..40
                                                                     0.00
                                                                             47
##
                                                        1se
##
   337
                              NA_fq_Snow_depth..1
                                                                     0.00
                                                                             53
                                                        1se
  338
                                                                     0.00
                                                                             3
##
                              NA_fq_Snow_depth..4
                                                        1se
##
  339
                                    NA_length_days
                                                                     0.00
                                                                             36
                                                        1se
                                                                st
## 340
                   NA_sk_Maximum_temperature..31
                                                        1se
                                                                     0.00
                                                                             29
##
  341
                                                                     0.00
                                                                             33
                  NA_sk_Minimum_temperature...15
                                                        1se
##
   342
                 NA sk Precipitation amount..0.1
                                                                     0.00
                                                                             20
                                                        1se
  343
                                                                     0.00
##
                  NA_sk_Precipitation_amount..40
                                                                             61
                                                        1se
                                                                st
##
  344
                              NA_sk_Snow_depth..1
                                                        1se
                                                                     0.00
                                                                             5
##
  345
                              NA_sk_Snow_depth..4
                                                        1se
                                                                     0.00
                                                                             56
##
  346
                                                                     0.00
                                                                             9
                                     NA_total_prec
                                                        1se
                                                                st
## 347
                                                                     0.00
                              vegetative_avg_temp
                                                                             15
                                                        1se
                                                                st
##
   348
                                                                     0.00
           vegetative fq Maximum temperature..31
                                                        1se
                                                                             51
##
   349
        vegetative_fq_Precipitation_amount..0.1
                                                        1se
                                                                st.
                                                                     0.00
                                                                             26
   350
         vegetative_fq_Precipitation_amount..40
                                                        1se
                                                                st.
                                                                     0.00
                                                                             50
##
  351
                     vegetative_fq_Snow_depth..1
                                                                     0.00
                                                                             18
                                                        1se
                                                                st
   352
                                                                     0.00
##
                     vegetative_fq_Snow_depth..4
                                                        1se
                                                                             58
  353
##
                                                                     0.00
                           vegetative_length_days
                                                        1se
                                                                             46
   354
##
                     vegetative_since_nyear_days
                                                                     0.00
                                                                             28
                                                        1se
                                                                st
  355
##
           vegetative_sk_Maximum_temperature..31
                                                        1se
                                                                     0.00
                                                                             59
##
   356
        vegetative_sk_Precipitation_amount..0.1
                                                        1se
                                                                     0.00
                                                                             6
                                                                st.
   357
                                                                     0.00
##
         vegetative_sk_Precipitation_amount..40
                                                        1se
                                                                             44
   358
                                                                     0.00
##
                     vegetative_sk_Snow_depth..1
                                                                             38
                                                        1se
                                                                st
   359
##
                     vegetative_sk_Snow_depth..4
                                                                     0.00
                                                        1se
##
  360
                                                                     0.00
                            vegetative_total_prec
                                                        1se
                                                                             55
## 361
                                   critical events
                                                        1se
                                                                     0.00
                                                                             32
## 362
                                            filling
                                                                     0.00
                                                                             49
                                                        1se
                                                                st.
## 363
                                                                     0.00
                                                                             57
                                        generative
                                                        1se
## 364
                                                                     0.00
                                                NA.
                                                        1se
                                                                st.
                                                                             34
   365
                                                                     0.00
                                                                             30
                                        vegetative
                                                        1se
                                                                st
##
  366
                                                                     0.00
                                                                             1
                                               area
                                                        1se
                                                                st.
                                                                             7
##
   367
                                  filling_avg_temp
                                                        min
                                                              coef
                                                                     0.25
   368
##
              filling_fq_Maximum_temperature..31
                                                                     0.25
                                                                             61
                                                        min
                                                              coef
  369
                                                                     0.25
           filling_fq_Precipitation_amount..0.1
                                                        min
                                                              coef
                                                                             61
## 370
                                                                     0.25
             filling_fq_Precipitation_amount..40
                                                                             5
                                                        min
                                                              coef
  371
                                                                     0.25
##
                         filling_fq_Snow_depth..1
                                                        min
                                                              coef
                                                                             21
## 372
                                                                     0.25
                                                                             22
                              filling_length_days
                                                        min
                                                              coef
##
  373
                         filling_since_nyear_days
                                                        min
                                                              coef
                                                                     0.25
                                                                             61
## 374
                          filling_since_seed_days
                                                        min
                                                              coef
                                                                     0.25
                                                                             29
##
  375
                                                                     0.25
              filling_sk_Maximum_temperature..31
                                                        min
                                                              coef
                                                                             13
## 376
            filling_sk_Precipitation_amount..0.1
                                                        min
                                                              coef
                                                                     0.25
                                                                             61
## 377
             filling_sk_Precipitation_amount..40
                                                        min
                                                              coef
                                                                     0.25
                                                                             61
## 378
                         filling sk Snow depth..1
                                                        min
                                                              coef
                                                                     0.25
                                                                             26
```

```
## 379
                               filling_total_prec
                                                                     0.25
                                                                            32
                                                       min
                                                              coef
## 380
                                                                     0.25
                                                                             3
                              generative_avg_temp
                                                       min
                                                              coef
  381
##
           generative fq Maximum temperature..31
                                                       min
                                                              coef
                                                                     0.25
                                                                            11
   382
                                                                     0.25
##
        generative_fq_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                            61
         generative_fq_Precipitation_amount..40
##
   383
                                                       min
                                                              coef
                                                                     0.25
                                                                             4
   384
                                                       min
                                                                     0.25
##
                     generative_fq_Snow_depth..1
                                                              coef
                                                                            19
   385
                                                                     0.25
                           generative length days
                                                       min
                                                              coef
                                                                            24
## 386
                                                                     0.25
                     generative_since_nyear_days
                                                       min
                                                              coef
                                                                            61
##
   387
                      generative_since_seed_days
                                                       min
                                                              coef
                                                                     0.25
                                                                            61
   388
                                                                     0.25
##
           generative_sk_Maximum_temperature..31
                                                       min
                                                              coef
                                                                             9
   389
        generative_sk_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                     0.25
                                                                            34
   390
         generative_sk_Precipitation_amount..40
                                                                     0.25
##
                                                       min
                                                              coef
                                                                            10
   391
##
                     generative_sk_Snow_depth..1
                                                       min
                                                              coef
                                                                     0.25
                                                                            31
   392
                            generative_total_prec
                                                                     0.25
##
                                                       min
                                                              coef
                                                                            35
##
  393
                                                              coef
                                                                     0.25
                                       NA_avg_temp
                                                       min
                                                                             6
## 394
                   NA_fq_Maximum_temperature..31
                                                       min
                                                              coef
                                                                     0.25
                                                                             2
  395
                                                                     0.25
##
                  NA_fq_Minimum_temperature...15
                                                       min
                                                              coef
                                                                            61
                                                                     0.25
##
   396
                 NA fg Precipitation amount..0.1
                                                       min
                                                              coef
                                                                             20
  397
                                                                     0.25
##
                  NA_fq_Precipitation_amount..40
                                                       min
                                                              coef
                                                                            61
  398
                              NA_fq_Snow_depth..1
                                                       min
                                                              coef
                                                                     0.25
                                                                            25
##
  399
                              NA_fq_Snow_depth..4
                                                       min
                                                              coef
                                                                     0.25
                                                                            33
## 400
                                                              coef
                                                                     0.25
                                    NA_length_days
                                                       min
                                                                            61
                                                                     0.25
## 401
                   NA_sk_Maximum_temperature..31
                                                       min
                                                              coef
                                                                             1
## 402
                  NA_sk_Minimum_temperature...15
                                                              coef
                                                                     0.25
                                                                            39
                                                       min
## 403
                                                                     0.25
                 NA_sk_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                            23
## 404
                  NA_sk_Precipitation_amount..40
                                                       min
                                                              coef
                                                                     0.25
                                                                            61
## 405
                              NA_sk_Snow_depth..1
                                                       min
                                                              coef
                                                                     0.25
                                                                            27
   406
                                                                     0.25
##
                              NA_sk_Snow_depth..4
                                                       min
                                                              coef
                                                                            40
                                                                     0.25
##
  407
                                                       min
                                                              coef
                                     NA_total_prec
                                                                            36
                                                                     0.25
## 408
                              vegetative_avg_temp
                                                       min
                                                              coef
                                                                            61
## 409
           vegetative_fq_Maximum_temperature..31
                                                       min
                                                              coef
                                                                     0.25
                                                                            17
##
  410
        vegetative_fq_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                     0.25
                                                                            16
                                                                     0.25
## 411
         vegetative_fq_Precipitation_amount..40
                                                       min
                                                              coef
                                                                            12
## 412
                                                              coef
                                                                     0.25
                     vegetative_fq_Snow_depth..1
                                                       min
                                                                            61
## 413
                     vegetative_fq_Snow_depth..4
                                                              coef
                                                                     0.25
                                                                            61
                                                       min
## 414
                                                                     0.25
                           vegetative_length_days
                                                       min
                                                              coef
                                                                            61
## 415
                     vegetative since nyear days
                                                       min
                                                              coef
                                                                     0.25
## 416
           vegetative_sk_Maximum_temperature..31
                                                       min
                                                              coef
                                                                     0.25
                                                                            18
## 417
        vegetative_sk_Precipitation_amount..0.1
                                                              coef
                                                                     0.25
                                                       min
                                                                            15
## 418
         vegetative_sk_Precipitation_amount..40
                                                       min
                                                                     0.25
                                                                            38
                                                              coef
## 419
                                                                     0.25
                     vegetative_sk_Snow_depth..1
                                                       min
                                                              coef
                                                                            61
## 420
                     vegetative_sk_Snow_depth..4
                                                       min
                                                              coef
                                                                     0.25
                                                                            61
## 421
                                                                     0.25
                            vegetative_total_prec
                                                       min
                                                              coef
                                                                            30
## 422
                                                                     0.25
                                   critical_events
                                                       min
                                                              coef
                                                                            61
## 423
                                                                     0.25
                                           filling
                                                       min
                                                              coef
                                                                            37
## 424
                                                                     0.25
                                                              coef
                                                                            61
                                        generative
                                                       min
                                                                     0.25
## 425
                                               NA.
                                                       min
                                                              coef
                                                                            28
## 426
                                                                     0.25
                                                                            61
                                        vegetative
                                                       min
                                                              coef
                                                              coef
## 427
                                                       min
                                                                     0.25
                                                                             8
                                               area
## 428
                                                                     0.25
                                                                             3
                                 filling_avg_temp
                                                       min
                                                                s1
## 429
                                                                     0.25
              filling_fq_Maximum_temperature..31
                                                                s1
                                                                            61
                                                       min
## 430
           filling_fq_Precipitation_amount..0.1
                                                       min
                                                                     0.25
                                                                            61
## 431
            filling_fq_Precipitation_amount..40
                                                                     0.25
                                                                            16
                                                       min
                                                                s1
## 432
                         filling fq Snow depth..1
                                                                s1
                                                                     0.25
                                                       min
```

```
## 433
                              filling_length_days
                                                                    0.25
                                                                            12
                                                       min
## 434
                                                                    0.25
                                                                            61
                        filling_since_nyear_days
                                                       min
                                                                s1
## 435
                          filling since seed days
                                                       min
                                                                    0.25
                                                                            36
  436
                                                                    0.25
##
              filling_sk_Maximum_temperature..31
                                                                            25
                                                       min
                                                                s1
##
  437
           filling_sk_Precipitation_amount..0.1
                                                       min
                                                                    0.25
                                                                            61
  438
                                                                    0.25
##
            filling sk Precipitation amount..40
                                                       min
                                                                            61
## 439
                                                                    0.25
                        filling sk Snow depth..1
                                                       min
                                                                s1
                                                                            17
                                                                    0.25
## 440
                               filling_total_prec
                                                       min
                                                                s1
                                                                            14
## 441
                              generative_avg_temp
                                                       min
                                                                    0.25
                                                                             5
                                                                    0.25
## 442
           generative_fq_Maximum_temperature..31
                                                       min
                                                                s1
                                                                            23
   443
        generative_fq_Precipitation_amount..0.1
                                                       min
                                                                s1
                                                                    0.25
                                                                            42
                                                                    0.25
   444
         generative_fq_Precipitation_amount..40
                                                                            22
##
                                                       min
                                                                s1
##
   445
                     generative_fq_Snow_depth..1
                                                       min
                                                                    0.25
                                                                            31
## 446
                                                                    0.25
                           generative_length_days
                                                       min
                                                                            28
## 447
                                                                    0.25
                     generative_since_nyear_days
                                                       min
                                                                s1
                                                                            61
## 448
                      generative_since_seed_days
                                                       min
                                                                    0.25
                                                                            61
                                                                    0.25
                                                                            24
##
  449
           generative_sk_Maximum_temperature..31
                                                       min
                                                                    0.25
##
   450
        generative sk Precipitation amount..0.1
                                                                            33
                                                       min
##
   451
                                                                    0.25
         generative_sk_Precipitation_amount..40
                                                                            34
                                                       min
                                                                s1
##
   452
                     generative sk Snow depth..1
                                                       min
                                                                    0.25
                                                                            27
##
  453
                            generative_total_prec
                                                       min
                                                                    0.25
                                                                            30
## 454
                                                                    0.25
                                       NA_avg_temp
                                                       min
                                                                    0.25
## 455
                                                                            32
                   NA_fq_Maximum_temperature..31
                                                                s1
                                                       min
## 456
                                                                    0.25
                  NA fq Minimum temperature...15
                                                       min
                                                                            61
                                                                    0.25
## 457
                 NA_fq_Precipitation_amount..0.1
                                                       min
                                                                s1
                                                                             2
## 458
                  NA_fq_Precipitation_amount..40
                                                       min
                                                                s1
                                                                    0.25
                                                                            41
  459
                                                                    0.25
                                                                             6
##
                              NA_fq_Snow_depth..1
                                                       min
                                                                s1
   460
                                                                    0.25
##
                              NA_fq_Snow_depth..4
                                                       min
                                                                            10
                                                                    0.25
##
  461
                                   NA_length_days
                                                       min
                                                                            61
                                                                    0.25
## 462
                   NA_sk_Maximum_temperature..31
                                                                            18
                                                       min
                                                                s1
## 463
                  NA_sk_Minimum_temperature...15
                                                       min
                                                                    0.25
                                                                            38
##
  464
                 NA_sk_Precipitation_amount..0.1
                                                       min
                                                                    0.25
                                                                            19
                                                                    0.25
                                                                            35
##
  465
                  NA_sk_Precipitation_amount..40
                                                       min
## 466
                                                                    0.25
                              NA_sk_Snow_depth..1
                                                                            13
                                                       min
                                                                s1
                                                                    0.25
   467
                              NA sk Snow depth..4
                                                                            21
                                                       min
##
  468
                                                                    0.25
                                     NA_total_prec
                                                       min
                                                                            15
## 469
                              vegetative avg temp
                                                       min
                                                                    0.25
## 470
          vegetative_fq_Maximum_temperature..31
                                                                    0.25
                                                                            37
                                                       min
                                                                s1
## 471
        vegetative_fq_Precipitation_amount..0.1
                                                                    0.25
                                                       min
## 472
         vegetative_fq_Precipitation_amount..40
                                                                    0.25
                                                                            40
                                                                s1
                                                       min
## 473
                                                                    0.25
                     vegetative_fq_Snow_depth..1
                                                       min
                                                                            61
## 474
                     vegetative_fq_Snow_depth..4
                                                                    0.25
                                                                            61
                                                       min
                                                                s1
## 475
                                                                    0.25
                           vegetative_length_days
                                                       min
                                                                            61
                                                                    0.25
## 476
                     vegetative_since_nyear_days
                                                                             7
                                                       min
## 477
                                                                    0.25
                                                                            39
          vegetative_sk_Maximum_temperature..31
                                                       min
                                                                s1
## 478
                                                                    0.25
        vegetative_sk_Precipitation_amount..0.1
                                                                             9
                                                       min
                                                                s1
                                                                    0.25
## 479
         vegetative_sk_Precipitation_amount..40
                                                       min
                                                                            43
## 480
                                                                    0.25
                     vegetative_sk_Snow_depth..1
                                                       min
                                                                            61
## 481
                     vegetative_sk_Snow_depth..4
                                                       min
                                                                    0.25
                                                                            61
                                                                s1
                                                                    0.25
## 482
                            vegetative_total_prec
                                                       min
                                                                            20
  483
                                                                    0.25
##
                                  critical_events
                                                       min
                                                                s1
                                                                            61
                                                                    0.25
## 484
                                           filling
                                                       min
                                                                            29
## 485
                                                                    0.25
                                                                            61
                                        generative
                                                       min
                                                                s1
## 486
                                               NA.
                                                       min
                                                                s1
                                                                    0.25
                                                                             8
```

```
## 487
                                                       min
                                                                    0.25
                                                                            61
                                        vegetative
## 488
                                                                    0.25
                                                                             1
                                                       min
                                                                s1
                                              area
## 489
                                 filling avg temp
                                                       min
                                                                    0.25
                                                                             3
## 490
                                                                    0.25
              filling_fq_Maximum_temperature..31
                                                       min
                                                                            61
## 491
           filling_fq_Precipitation_amount..0.1
                                                       min
                                                                    0.25
                                                                            61
## 492
                                                                    0.25
            filling fq Precipitation amount..40
                                                       min
                                                                            22
## 493
                                                                    0.25
                        filling fq Snow depth..1
                                                       min
                                                                st
                                                                            14
## 494
                                                                    0.25
                              filling_length_days
                                                       min
                                                                st.
                                                                            30
## 495
                        filling_since_nyear_days
                                                       min
                                                                    0.25
                                                                            61
## 496
                          filling_since_seed_days
                                                       min
                                                                st
                                                                    0.25
                                                                            34
## 497
              filling_sk_Maximum_temperature..31
                                                       min
                                                                    0.25
                                                                            29
                                                                st
## 498
                                                                    0.25
           filling_sk_Precipitation_amount..0.1
                                                       min
                                                                            61
## 499
            filling_sk_Precipitation_amount..40
                                                                    0.25
                                                       min
                                                                            61
## 500
                                                                    0.25
                         filling_sk_Snow_depth..1
                                                       min
                                                                            15
## 501
                               filling_total_prec
                                                                    0.25
                                                                             8
                                                       min
                                                                st
## 502
                              generative_avg_temp
                                                                    0.25
                                                                             6
                                                       min
## 503
                                                                    0.25
           generative_fq_Maximum_temperature..31
                                                                            26
                                                       min
##
   504
        generative fg Precipitation amount..0.1
                                                                    0.25
                                                       min
##
  505
                                                                    0.25
         generative_fq_Precipitation_amount..40
                                                                            23
                                                       min
                                                                st
## 506
                     generative_fq_Snow_depth..1
                                                       min
                                                                    0.25
                                                                            32
## 507
                           generative_length_days
                                                       min
                                                                    0.25
                                                                            27
## 508
                                                                    0.25
                     generative_since_nyear_days
                                                       min
                                                                            61
                                                                    0.25
## 509
                      generative_since_seed_days
                                                                            61
                                                       min
                                                                st
## 510
           generative sk Maximum temperature..31
                                                                    0.25
                                                       min
                                                                            21
## 511
        generative sk Precipitation amount..0.1
                                                       min
                                                                st.
                                                                    0.25
                                                                            42
  512
         generative_sk_Precipitation_amount..40
                                                       min
                                                                st.
                                                                    0.25
                                                                            25
## 513
                     generative_sk_Snow_depth..1
                                                                    0.25
                                                       min
                                                                st
                                                                            31
## 514
                                                                    0.25
                            generative_total_prec
                                                       min
                                                                            18
## 515
                                                                    0.25
                                       NA_avg_temp
                                                       min
                                                                             4
## 516
                   NA_fq_Maximum_temperature..31
                                                                    0.25
                                                                            35
                                                       min
                                                                st
## 517
                  NA_fq_Minimum_temperature...15
                                                       min
                                                                    0.25
                                                                            61
## 518
                 NA_fq_Precipitation_amount..0.1
                                                       min
                                                                st.
                                                                    0.25
                                                                             2
## 519
                                                                    0.25
                  NA_fq_Precipitation_amount..40
                                                       min
                                                                            40
## 520
                                                                    0.25
                                                                             7
                              NA_fq_Snow_depth..1
                                                       min
                                                                st
## 521
                              NA_fq_Snow_depth..4
                                                                    0.25
                                                                            11
                                                       min
## 522
                                                                    0.25
                                   NA_length_days
                                                       min
                                                                            61
## 523
                   NA sk Maximum temperature..31
                                                       min
                                                                    0.25
                                                                            20
## 524
                  NA_sk_Minimum_temperature...15
                                                                    0.25
                                                                            33
                                                       min
                                                                st.
## 525
                 NA_sk_Precipitation_amount..0.1
                                                                    0.25
                                                       min
## 526
                  NA_sk_Precipitation_amount..40
                                                                    0.25
                                                                            36
                                                       min
                                                                st.
## 527
                                                                    0.25
                              NA sk Snow depth..1
                                                       min
                                                                            10
## 528
                              NA_sk_Snow_depth..4
                                                                    0.25
                                                                            19
                                                       min
                                                                st.
## 529
                                     NA_total_prec
                                                       min
                                                                    0.25
                                                                            13
## 530
                                                                    0.25
                              vegetative_avg_temp
                                                                            61
                                                       min
## 531
                                                                    0.25
          vegetative_fq_Maximum_temperature..31
                                                       min
                                                                st
                                                                            37
## 532
                                                                    0.25
                                                                            17
        vegetative_fq_Precipitation_amount..0.1
                                                       min
                                                                st
## 533
                                                                    0.25
         vegetative_fq_Precipitation_amount..40
                                                       min
                                                                            39
## 534
                                                                    0.25
                     vegetative_fq_Snow_depth..1
                                                       min
                                                                            61
## 535
                     vegetative_fq_Snow_depth..4
                                                       min
                                                                    0.25
                                                                            61
                                                                st.
## 536
                                                                    0.25
                           vegetative_length_days
                                                       min
                                                                            61
## 537
                                                                    0.25
                     vegetative_since_nyear_days
                                                                             9
                                                       min
## 538
          vegetative sk Maximum temperature..31
                                                       min
                                                                    0.25
                                                                            38
## 539
        vegetative_sk_Precipitation_amount..0.1
                                                                    0.25
                                                                            16
                                                       min
                                                                st
## 540
         vegetative sk Precipitation amount..40
                                                                    0.25
                                                       min
```

```
## 541
                     vegetative_sk_Snow_depth..1
                                                                     0.25
                                                                            61
                                                       min
## 542
                                                                     0.25
                                                                            61
                     vegetative_sk_Snow_depth..4
                                                       min
## 543
                            vegetative total prec
                                                       min
                                                                     0.25
                                                                            12
## 544
                                                                     0.25
                                   critical_events
                                                        min
                                                                st
                                                                            61
## 545
                                           filling
                                                        min
                                                                     0.25
                                                                            28
## 546
                                                                     0.25
                                        generative
                                                       min
                                                                            61
## 547
                                                                     0.25
                                               NA.
                                                       min
                                                                st
                                                                             5
## 548
                                                                     0.25
                                        vegetative
                                                       min
                                                                st.
                                                                            61
## 549
                                                       min
                                                                     0.25
                                                                             1
                                               area
## 550
                                                                     0.25
                                 filling_avg_temp
                                                        1se
                                                              coef
                                                                            61
## 551
              filling_fq_Maximum_temperature..31
                                                        1se
                                                              coef
                                                                     0.25
                                                                            11
## 552
           filling_fq_Precipitation_amount..0.1
                                                                     0.25
                                                        1se
                                                              coef
                                                                            61
##
  553
             filling_fq_Precipitation_amount..40
                                                        1se
                                                              coef
                                                                     0.25
                                                                            61
## 554
                                                                     0.25
                         filling_fq_Snow_depth..1
                                                        1se
                                                              coef
## 555
                              filling_length_days
                                                                     0.25
                                                        1se
                                                              coef
                                                                            61
## 556
                         filling_since_nyear_days
                                                        1se
                                                              coef
                                                                     0.25
## 557
                                                                     0.25
                          filling_since_seed_days
                                                        1se
                                                              coef
                                                                            10
                                                                     0.25
## 558
              filling sk Maximum temperature..31
                                                        1se
                                                              coef
                                                                             4
## 559
                                                                     0.25
           filling_sk_Precipitation_amount..0.1
                                                        1se
                                                              coef
                                                                            61
## 560
             filling_sk_Precipitation_amount..40
                                                        1se
                                                              coef
                                                                     0.25
## 561
                         filling_sk_Snow_depth..1
                                                        1se
                                                              coef
                                                                     0.25
                                                                            61
## 562
                               filling_total_prec
                                                        1se
                                                              coef
                                                                     0.25
                                                                            18
                                                                     0.25
## 563
                              generative_avg_temp
                                                        1se
                                                              coef
                                                                             3
## 564
           generative fq Maximum temperature..31
                                                              coef
                                                                     0.25
                                                                            61
                                                        1se
                                                                     0.25
                                                                            61
## 565
        generative_fq_Precipitation_amount..0.1
                                                        1se
                                                              coef
   566
         generative_fq_Precipitation_amount..40
                                                        1se
                                                              coef
                                                                     0.25
                                                                             9
##
  567
                     generative_fq_Snow_depth..1
                                                        1se
                                                              coef
                                                                     0.25
                                                                            13
   568
                                                                     0.25
##
                           generative_length_days
                                                        1se
                                                              coef
                                                                            12
## 569
                                                                     0.25
                                                                            61
                     generative_since_nyear_days
                                                        1se
                                                              coef
## 570
                      generative_since_seed_days
                                                        1se
                                                              coef
                                                                     0.25
                                                                            61
## 571
           generative_sk_Maximum_temperature..31
                                                        1se
                                                              coef
                                                                     0.25
                                                                            61
##
  572
        generative_sk_Precipitation_amount..0.1
                                                        1se
                                                              coef
                                                                     0.25
                                                                            61
## 573
                                                                     0.25
         generative_sk_Precipitation_amount..40
                                                        1se
                                                              coef
                                                                             8
## 574
                                                              coef
                                                                     0.25
                     generative_sk_Snow_depth..1
                                                        1se
                                                                            15
## 575
                            generative_total_prec
                                                        1se
                                                              coef
                                                                     0.25
                                                                            19
## 576
                                                                     0.25
                                       NA_avg_temp
                                                        1se
                                                              coef
                                                                             2
## 577
                   NA fq Maximum temperature..31
                                                        1se
                                                              coef
                                                                     0.25
                                                                             7
## 578
                  NA_fq_Minimum_temperature...15
                                                        1se
                                                              coef
                                                                     0.25
                                                                            61
## 579
                 NA_fq_Precipitation_amount..0.1
                                                              coef
                                                                     0.25
                                                        1se
## 580
                                                              coef
                                                                     0.25
                                                                            61
                  NA_fq_Precipitation_amount..40
                                                        1se
## 581
                                                                     0.25
                              NA_fq_Snow_depth..1
                                                        1se
                                                              coef
                                                                            17
## 582
                              NA_fq_Snow_depth..4
                                                        1se
                                                              coef
                                                                     0.25
                                                                            16
   583
##
                                    NA length days
                                                        1se
                                                              coef
                                                                     0.25
                                                                            61
  584
                                                                     0.25
##
                   NA_sk_Maximum_temperature..31
                                                        1se
                                                              coef
                                                                             6
## 585
                                                                     0.25
                  NA_sk_Minimum_temperature...15
                                                        1se
                                                              coef
                                                                            61
## 586
                                                                     0.25
                 NA_sk_Precipitation_amount..0.1
                                                              coef
                                                                            61
                                                        1se
## 587
                                                                     0.25
                  NA_sk_Precipitation_amount..40
                                                        1se
                                                              coef
                                                                            61
## 588
                                                                     0.25
                              NA_sk_Snow_depth..1
                                                        1se
                                                              coef
                                                                             61
## 589
                              NA_sk_Snow_depth..4
                                                        1se
                                                              coef
                                                                     0.25
                                                                            61
## 590
                                                                     0.25
                                     NA_total_prec
                                                        1se
                                                              coef
                                                                            20
## 591
                                                                     0.25
                              vegetative_avg_temp
                                                        1se
                                                              coef
                                                                            61
## 592
                                                                     0.25
           vegetative_fq_Maximum_temperature..31
                                                        1se
                                                              coef
                                                                            61
## 593
        vegetative_fq_Precipitation_amount..0.1
                                                        1se
                                                              coef
                                                                     0.25
                                                                            61
## 594
         vegetative fq Precipitation amount..40
                                                        1se
                                                              coef
                                                                     0.25
```

```
## 595
                     vegetative_fq_Snow_depth..1
                                                       1se
                                                              coef
                                                                    0.25
                                                                            61
## 596
                                                                    0.25
                                                                            61
                     vegetative_fq_Snow_depth..4
                                                       1se
                                                              coef
## 597
                           vegetative length days
                                                       1se
                                                              coef
                                                                    0.25
                                                                            61
## 598
                                                                    0.25
                                                                             5
                     vegetative_since_nyear_days
                                                       1se
                                                              coef
##
   599
           vegetative_sk_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                    0.25
                                                                            61
   600
        vegetative sk Precipitation amount..0.1
                                                                    0.25
##
                                                       1se
                                                              coef
                                                                            61
  601
                                                                    0.25
         vegetative sk Precipitation amount..40
                                                       1se
                                                              coef
                                                                            61
## 602
                                                                    0.25
                     vegetative_sk_Snow_depth..1
                                                       1se
                                                              coef
                                                                            61
## 603
                     vegetative_sk_Snow_depth..4
                                                       1se
                                                              coef
                                                                    0.25
                                                                            61
## 604
                                                                    0.25
                            vegetative_total_prec
                                                       1se
                                                              coef
                                                                            61
## 605
                                  critical_events
                                                       1se
                                                              coef
                                                                    0.25
                                                                            61
## 606
                                                                    0.25
                                           filling
                                                       1se
                                                              coef
                                                                            61
##
  607
                                        generative
                                                       1se
                                                              coef
                                                                    0.25
                                                                            61
## 608
                                                                    0.25
                                               NA.
                                                       1se
                                                              coef
## 609
                                                                    0.25
                                        vegetative
                                                       1se
                                                              coef
                                                                            61
## 610
                                                       1se
                                                              coef
                                                                    0.25
                                                                             1
                                               area
## 611
                                                                    0.25
                                 filling_avg_temp
                                                       1se
                                                                s1
                                                                            61
                                                                    0.25
## 612
              filling_fq_Maximum_temperature..31
                                                       1se
                                                                            21
## 613
                                                                    0.25
           filling_fq_Precipitation_amount..0.1
                                                       1se
                                                                            61
                                                                s1
## 614
             filling_fq_Precipitation_amount..40
                                                       1se
                                                                    0.25
## 615
                         filling_fq_Snow_depth..1
                                                       1se
                                                                    0.25
                                                                            61
## 616
                                                                    0.25
                              filling length days
                                                       1se
                                                                            61
## 617
                                                                    0.25
                         filling_since_nyear_days
                                                       1se
                                                                s1
                                                                            61
## 618
                                                                    0.25
                                                                             5
                          filling_since_seed_days
                                                       1se
## 619
                                                                    0.25
              filling_sk_Maximum_temperature..31
                                                       1se
                                                                s1
                                                                            14
## 620
           filling_sk_Precipitation_amount..0.1
                                                       1se
                                                                s1
                                                                    0.25
                                                                            61
## 621
             filling_sk_Precipitation_amount..40
                                                                    0.25
                                                                            61
                                                       1se
                                                                s1
  622
                                                                    0.25
##
                         filling_sk_Snow_depth..1
                                                       1se
                                                                            61
## 623
                                                                    0.25
                                                                             8
                               filling_total_prec
                                                       1se
## 624
                                                                    0.25
                                                                             9
                              generative_avg_temp
                                                       1se
                                                                s1
## 625
           generative_fq_Maximum_temperature..31
                                                       1se
                                                                    0.25
                                                                            61
##
  626
        generative_fq_Precipitation_amount..0.1
                                                       1se
                                                                    0.25
                                                                            61
  627
                                                                    0.25
##
         generative_fq_Precipitation_amount..40
                                                       1se
                                                                            13
  628
                                                                    0.25
##
                     generative_fq_Snow_depth..1
                                                                            15
                                                       1se
                                                                s1
## 629
                           generative_length_days
                                                       1se
                                                                    0.25
                                                                            12
## 630
                                                                    0.25
                     generative_since_nyear_days
                                                       1se
                                                                            61
## 631
                      generative since seed days
                                                       1se
                                                                    0.25
## 632
           generative_sk_Maximum_temperature..31
                                                                    0.25
                                                                            61
                                                       1se
                                                                s1
## 633
        generative_sk_Precipitation_amount..0.1
                                                                    0.25
                                                       1se
##
  634
                                                                    0.25
                                                                            17
         generative_sk_Precipitation_amount..40
                                                       1se
                                                                s1
   635
                                                                    0.25
                     generative_sk_Snow_depth..1
                                                       1se
## 636
                            generative_total_prec
                                                                    0.25
                                                                            18
                                                       1se
                                                                s1
  637
                                                                    0.25
##
                                       NA_avg_temp
                                                       1se
                                                                             3
## 638
                                                                    0.25
                   NA_fq_Maximum_temperature..31
                                                                            20
                                                       1se
## 639
                                                                    0.25
                  NA_fq_Minimum_temperature...15
                                                       1se
                                                                s1
                                                                            61
## 640
                                                                    0.25
                                                                             2
                 NA_fq_Precipitation_amount..0.1
                                                       1se
                                                                s1
                                                                    0.25
## 641
                  NA_fq_Precipitation_amount..40
                                                       1se
                                                                            61
## 642
                                                                    0.25
                                                                             6
                              NA_fq_Snow_depth..1
                                                       1se
## 643
                              NA_fq_Snow_depth..4
                                                       1se
                                                                s1
                                                                    0.25
                                                                             7
                                                                    0.25
## 644
                                    NA_length_days
                                                       1se
                                                                            61
##
  645
                                                                    0.25
                   NA_sk_Maximum_temperature..31
                                                       1se
                                                                            11
## 646
                  NA_sk_Minimum_temperature...15
                                                       1se
                                                                    0.25
                                                                            61
## 647
                 NA_sk_Precipitation_amount..0.1
                                                                    0.25
                                                                            61
                                                       1se
                                                                s1
## 648
                  NA sk Precipitation amount..40
                                                       1se
                                                                s1
                                                                    0.25
```

```
## 649
                              NA_sk_Snow_depth..1
                                                        1se
                                                                     0.25
                                                                             61
## 650
                                                                     0.25
                                                                             61
                              NA_sk_Snow_depth..4
                                                        1se
                                                                s1
## 651
                                     NA total prec
                                                        1se
                                                                     0.25
                                                                             16
## 652
                                                                     0.25
                              vegetative_avg_temp
                                                        1se
                                                                s1
                                                                             61
##
   653
           vegetative_fq_Maximum_temperature..31
                                                        1se
                                                                     0.25
                                                                             61
        vegetative fq Precipitation amount..0.1
                                                                     0.25
##
   654
                                                                             61
                                                        1se
                                                                     0.25
   655
         vegetative_fq_Precipitation_amount..40
                                                        1se
                                                                s1
                                                                             61
## 656
                                                                     0.25
                     vegetative_fq_Snow_depth..1
                                                        1se
                                                                s1
                                                                             61
##
  657
                     vegetative_fq_Snow_depth..4
                                                        1se
                                                                     0.25
                                                                             61
## 658
                           vegetative_length_days
                                                        1se
                                                                s1
                                                                     0.25
                                                                             61
##
  659
                     vegetative_since_nyear_days
                                                        1se
                                                                s1
                                                                     0.25
                                                                             4
   660
                                                                     0.25
                                                                             61
##
           vegetative_sk_Maximum_temperature..31
                                                        1se
                                                                s1
##
   661
        vegetative_sk_Precipitation_amount..0.1
                                                                     0.25
                                                                             19
                                                        1se
                                                                     0.25
##
   662
         vegetative_sk_Precipitation_amount..40
                                                        1se
##
  663
                     vegetative_sk_Snow_depth..1
                                                                     0.25
                                                        1se
                                                                s1
                                                                             61
## 664
                     vegetative_sk_Snow_depth..4
                                                        1se
                                                                     0.25
                                                                             61
## 665
                                                                     0.25
                            vegetative_total_prec
                                                                             61
                                                        1se
##
  666
                                   critical events
                                                                     0.25
                                                                             61
                                                        1se
## 667
                                                                     0.25
                                           filling
                                                                             61
                                                        1se
                                                                s1
## 668
                                        generative
                                                        1se
                                                                     0.25
                                                                             61
##
  669
                                                NA.
                                                        1se
                                                                     0.25
                                                                             61
## 670
                                        vegetative
                                                                     0.25
                                                        1se
                                                                             61
                                                                     0.25
## 671
                                                                s1
                                                                             1
                                               area
                                                        1se
## 672
                                                                     0.25
                                  filling_avg_temp
                                                        1se
                                                                             61
## 673
              filling_fq_Maximum_temperature..31
                                                        1se
                                                                st.
                                                                     0.25
                                                                             21
## 674
           filling_fq_Precipitation_amount..0.1
                                                        1se
                                                                st.
                                                                     0.25
                                                                             61
## 675
             filling_fq_Precipitation_amount..40
                                                                     0.25
                                                        1se
                                                                st
                                                                             61
   676
                                                                     0.25
##
                         filling_fq_Snow_depth..1
                                                        1se
                                                                             61
## 677
                                                                     0.25
                              filling_length_days
                                                        1se
                                                                             61
## 678
                         filling_since_nyear_days
                                                                     0.25
                                                                             61
                                                        1se
                                                                st
## 679
                          filling_since_seed_days
                                                        1se
                                                                     0.25
                                                                             8
## 680
              filling_sk_Maximum_temperature..31
                                                                st.
                                                                     0.25
                                                                             18
                                                        1se
## 681
                                                                     0.25
           filling_sk_Precipitation_amount..0.1
                                                        1se
## 682
                                                                     0.25
             filling_sk_Precipitation_amount..40
                                                                             61
                                                        1se
                                                                st
##
   683
                         filling_sk_Snow_depth..1
                                                                     0.25
                                                                             61
                                                        1se
##
  684
                                                                     0.25
                               filling_total_prec
                                                        1se
                                                                             5
##
  685
                              generative_avg_temp
                                                        1se
                                                                     0.25
                                                                             9
##
  686
           generative_fq_Maximum_temperature..31
                                                                     0.25
                                                                             61
                                                        1se
                                                                st.
##
   687
        generative_fq_Precipitation_amount..0.1
                                                                     0.25
                                                        1se
##
  688
         generative_fq_Precipitation_amount..40
                                                                     0.25
                                                                             13
                                                        1se
                                                                st.
   689
                                                                     0.25
                     generative_fq_Snow_depth..1
                                                        1se
                                                                             14
## 690
                                                                     0.25
                           generative_length_days
                                                        1se
                                                                st.
                                                                             15
   691
##
                     generative_since_nyear_days
                                                        1se
                                                                     0.25
                                                                             61
   692
                                                                     0.25
##
                                                                             61
                      generative_since_seed_days
                                                        1se
   693
                                                                     0.25
           generative_sk_Maximum_temperature..31
                                                        1se
                                                                st
                                                                             61
## 694
                                                                     0.25
        generative_sk_Precipitation_amount..0.1
                                                                             61
                                                        1se
                                                                st
                                                                     0.25
##
   695
         generative_sk_Precipitation_amount..40
                                                        1se
                                                                             16
##
   696
                                                                     0.25
                                                                             7
                     generative_sk_Snow_depth..1
                                                        1se
## 697
                            generative_total_prec
                                                        1se
                                                                     0.25
                                                                             11
                                                                st.
## 698
                                                                     0.25
                                       NA_avg_temp
                                                        1se
                                                                             19
##
  699
                                                                     0.25
                                                                             20
                   NA_fq_Maximum_temperature..31
                                                        1se
                                                                     0.25
## 700
                  NA_fq_Minimum_temperature...15
                                                        1se
                                                                             61
## 701
                 NA_fq_Precipitation_amount..0.1
                                                                     0.25
                                                                             2
                                                        1se
                                                                st
## 702
                  NA fq Precipitation amount..40
                                                                     0.25
                                                                             61
                                                        1se
```

```
## 703
                              NA_fq_Snow_depth..1
                                                       1se
                                                                     0.25
                                                                             4
## 704
                                                                    0.25
                                                                             6
                              NA_fq_Snow_depth..4
                                                       1se
## 705
                                    NA length days
                                                       1se
                                                                     0.25
                                                                            61
## 706
                                                                     0.25
                   NA_sk_Maximum_temperature..31
                                                                            12
                                                       1se
                                                                st
                  NA_sk_Minimum_temperature...15
##
  707
                                                       1se
                                                                     0.25
                                                                            61
## 708
                                                                    0.25
                 NA sk Precipitation amount..0.1
                                                       1se
                                                                            61
## 709
                                                                     0.25
                  NA sk Precipitation amount..40
                                                       1se
                                                                st
                                                                            61
## 710
                                                                    0.25
                              NA_sk_Snow_depth..1
                                                       1se
                                                                st.
                                                                            61
##
  711
                              NA_sk_Snow_depth..4
                                                       1se
                                                                     0.25
                                                                            61
## 712
                                     NA_total_prec
                                                       1se
                                                                st
                                                                     0.25
                                                                            10
## 713
                              vegetative_avg_temp
                                                       1se
                                                                     0.25
                                                                            61
                                                                st
  714
                                                                     0.25
##
           vegetative_fq_Maximum_temperature..31
                                                       1se
                                                                            61
##
   715
        vegetative_fq_Precipitation_amount..0.1
                                                                     0.25
                                                       1se
                                                                            61
  716
                                                                     0.25
##
         vegetative_fq_Precipitation_amount..40
                                                       1se
## 717
                     vegetative_fq_Snow_depth..1
                                                                     0.25
                                                       1se
                                                                st
                                                                            61
## 718
                     vegetative_fq_Snow_depth..4
                                                       1se
                                                                     0.25
                                                                            61
## 719
                                                                    0.25
                           vegetative_length_days
                                                       1se
                                                                            61
## 720
                     vegetative since nyear days
                                                                     0.25
                                                                             3
                                                       1se
##
  721
                                                                     0.25
          vegetative_sk_Maximum_temperature..31
                                                       1se
                                                                            61
                                                                st
##
  722
        vegetative sk Precipitation amount..0.1
                                                       1se
                                                                     0.25
                                                                            17
##
  723
         vegetative_sk_Precipitation_amount..40
                                                       1se
                                                                     0.25
                                                                            61
## 724
                     vegetative_sk_Snow_depth..1
                                                                     0.25
                                                       1se
                                                                st
                                                                            61
## 725
                                                                    0.25
                     vegetative sk Snow depth..4
                                                       1se
                                                                            61
                                                                st
                            vegetative_total_prec
## 726
                                                                     0.25
                                                       1se
                                                                            61
## 727
                                   critical events
                                                       1se
                                                                st.
                                                                     0.25
                                                                            61
## 728
                                           filling
                                                       1se
                                                                st.
                                                                     0.25
                                                                            61
## 729
                                        generative
                                                                     0.25
                                                       1se
                                                                st
                                                                            61
  730
                                                                     0.25
##
                                                NA.
                                                       1se
                                                                            61
## 731
                                                                     0.25
                                        vegetative
                                                       1se
                                                                st
                                                                            61
## 732
                                                                     0.25
                                               area
                                                       1se
                                                                st
                                                                             1
## 733
                                 filling_avg_temp
                                                       min
                                                              coef
                                                                     0.50
                                                                            61
## 734
              filling_fq_Maximum_temperature..31
                                                       min
                                                              coef
                                                                     0.50
                                                                            61
## 735
                                                                     0.50
           filling_fq_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                            61
## 736
                                                              coef
                                                                     0.50
             filling_fq_Precipitation_amount..40
                                                                             9
                                                       min
##
  737
                         filling_fq_Snow_depth..1
                                                       min
                                                              coef
                                                                     0.50
                                                                            61
## 738
                                                       min
                                                                     0.50
                              filling_length_days
                                                              coef
                                                                            61
## 739
                         filling since nyear days
                                                       min
                                                              coef
                                                                     0.50
                                                                            61
## 740
                          filling_since_seed_days
                                                       min
                                                              coef
                                                                     0.50
                                                                            11
## 741
              filling_sk_Maximum_temperature..31
                                                              coef
                                                                     0.50
                                                                             8
                                                       min
## 742
                                                              coef
                                                                     0.50
                                                                            61
           filling_sk_Precipitation_amount..0.1
                                                       min
## 743
                                                              coef
                                                                     0.50
             filling sk Precipitation amount..40
                                                       min
                                                                            61
## 744
                         filling_sk_Snow_depth..1
                                                       min
                                                              coef
                                                                     0.50
                                                                            61
  745
                                                                     0.50
##
                               filling_total_prec
                                                       min
                                                              coef
                                                                            18
##
  746
                                                                     0.50
                                                       min
                                                              coef
                                                                             3
                              generative_avg_temp
  747
                                                                     0.50
           generative_fq_Maximum_temperature..31
                                                       min
                                                              coef
                                                                            61
## 748
                                                                     0.50
                                                              coef
                                                                            61
        generative_fq_Precipitation_amount..0.1
                                                       min
  749
                                                                     0.50
##
         generative_fq_Precipitation_amount..40
                                                       min
                                                              coef
                                                                             5
## 750
                                                                     0.50
                     generative_fq_Snow_depth..1
                                                       min
                                                              coef
                                                                            14
## 751
                           generative_length_days
                                                       min
                                                              coef
                                                                     0.50
                                                                            16
## 752
                     generative_since_nyear_days
                                                       min
                                                              coef
                                                                     0.50
                                                                            61
##
  753
                                                                     0.50
                      generative_since_seed_days
                                                       min
                                                              coef
                                                                            61
## 754
                                                                     0.50
          generative sk Maximum temperature..31
                                                       min
                                                              coef
                                                                            61
                                                              coef
## 755
        generative_sk_Precipitation_amount..0.1
                                                       min
                                                                     0.50
                                                                            61
## 756
         generative sk Precipitation amount..40
                                                       min
                                                              coef
                                                                    0.50
                                                                             6
```

```
## 757
                     generative_sk_Snow_depth..1
                                                       min
                                                              coef
                                                                    0.50
                                                                            21
## 758
                                                       min
                                                                    0.50
                                                                            19
                            generative_total_prec
                                                              coef
## 759
                                                                    0.50
                                       NA avg temp
                                                       min
                                                              coef
                                                                             7
## 760
                                                                    0.50
                   NA_fq_Maximum_temperature..31
                                                       min
                                                              coef
                                                                             1
##
  761
                  NA_fq_Minimum_temperature...15
                                                       min
                                                              coef
                                                                    0.50
                                                                            61
## 762
                                                       min
                                                                    0.50
                 NA fg Precipitation amount..0.1
                                                              coef
                                                                            13
## 763
                  NA fg Precipitation amount..40
                                                       min
                                                              coef
                                                                    0.50
                                                                            61
## 764
                                                                    0.50
                              NA_fq_Snow_depth..1
                                                       min
                                                              coef
                                                                            15
##
  765
                              NA_fq_Snow_depth..4
                                                       min
                                                              coef
                                                                    0.50
                                                                            17
## 766
                                                                    0.50
                                                                            61
                                    NA_length_days
                                                       min
                                                              coef
  767
                   NA_sk_Maximum_temperature..31
                                                       min
                                                              coef
                                                                    0.50
                                                                             2
## 768
                  NA_sk_Minimum_temperature...15
                                                              coef
                                                                    0.50
                                                                            61
                                                       min
                                                                    0.50
##
  769
                 NA_sk_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                            61
## 770
                                                                    0.50
                  NA_sk_Precipitation_amount..40
                                                       min
                                                              coef
## 771
                              NA_sk_Snow_depth..1
                                                       min
                                                              coef
                                                                    0.50
                                                                            61
## 772
                              NA_sk_Snow_depth..4
                                                       min
                                                              coef
                                                                    0.50
                                                                            61
## 773
                                                                    0.50
                                                                            20
                                     NA_total_prec
                                                       min
                                                              coef
                                                                    0.50
## 774
                              vegetative avg temp
                                                       min
                                                              coef
## 775
                                                              coef
                                                                    0.50
          vegetative_fq_Maximum_temperature..31
                                                       min
                                                                            61
##
  776
        vegetative_fq_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                    0.50
##
  777
         vegetative_fq_Precipitation_amount..40
                                                       min
                                                              coef
                                                                    0.50
                                                                            61
## 778
                     vegetative_fq_Snow_depth..1
                                                       min
                                                              coef
                                                                    0.50
                                                                            61
## 779
                                                                    0.50
                     vegetative_fq_Snow_depth..4
                                                       min
                                                              coef
                                                                            61
## 780
                           vegetative length days
                                                       min
                                                              coef
                                                                    0.50
                                                                            61
## 781
                                                                    0.50
                     vegetative_since_nyear_days
                                                       min
                                                              coef
                                                                            10
  782
          vegetative_sk_Maximum_temperature..31
                                                       min
                                                              coef
                                                                    0.50
                                                                            61
##
   783
        vegetative_sk_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                    0.50
                                                                            12
   784
                                                                    0.50
##
         vegetative_sk_Precipitation_amount..40
                                                       min
                                                              coef
                                                                            61
  785
                                                                    0.50
##
                     vegetative_sk_Snow_depth..1
                                                       min
                                                              coef
## 786
                                                                    0.50
                     vegetative_sk_Snow_depth..4
                                                       min
                                                              coef
                                                                            61
## 787
                            vegetative_total_prec
                                                       min
                                                              coef
                                                                    0.50
                                                                            22
## 788
                                  critical_events
                                                       min
                                                              coef
                                                                    0.50
                                                                            61
## 789
                                           filling
                                                                    0.50
                                                       min
                                                              coef
## 790
                                                              coef
                                                                    0.50
                                        generative
                                                       min
                                                                            61
## 791
                                               NA.
                                                       min
                                                              coef
                                                                    0.50
## 792
                                                       min
                                                                    0.50
                                        vegetative
                                                              coef
                                                                            61
## 793
                                               area
                                                       min
                                                              coef
                                                                    0.50
                                                                             4
## 794
                                 filling_avg_temp
                                                       min
                                                                s1
                                                                    0.50
                                                                             3
## 795
              filling_fq_Maximum_temperature..31
                                                       min
                                                                    0.50
                                                                            61
## 796
           filling_fq_Precipitation_amount..0.1
                                                                    0.50
                                                                            61
                                                       min
                                                                s1
  797
             filling fq Precipitation amount..40
                                                                    0.50
                                                                            28
                                                       min
## 798
                         filling_fq_Snow_depth..1
                                                       min
                                                                s1
                                                                    0.50
                                                                            29
   799
                                                                    0.50
##
                              filling_length_days
                                                       min
                                                                            19
  800
                                                                    0.50
##
                         filling_since_nyear_days
                                                       min
                                                                            61
## 801
                                                                    0.50
                          filling_since_seed_days
                                                       min
                                                                s1
                                                                            16
## 802
                                                                    0.50
              filling_sk_Maximum_temperature..31
                                                                            15
                                                       min
                                                                s1
## 803
                                                                    0.50
           filling_sk_Precipitation_amount..0.1
                                                       min
                                                                            61
## 804
                                                                    0.50
                                                                            61
             filling_sk_Precipitation_amount..40
                                                       min
## 805
                         filling_sk_Snow_depth..1
                                                       min
                                                                s1
                                                                    0.50
                                                                            25
## 806
                                                                    0.50
                                                                            21
                               filling_total_prec
                                                       min
##
  807
                                                                    0.50
                                                                             5
                              generative_avg_temp
                                                       min
## 808
                                                                    0.50
                                                                            26
           generative_fq_Maximum_temperature..31
                                                       min
## 809
        generative_fq_Precipitation_amount..0.1
                                                       min
                                                                    0.50
                                                                            61
                                                                s1
## 810
         generative fq Precipitation amount..40
                                                       min
                                                                s1
                                                                    0.50
                                                                            22
```

```
## 811
                     generative_fq_Snow_depth..1
                                                                    0.50
                                                                            31
                                                       min
## 812
                                                                    0.50
                                                                            27
                           generative_length_days
                                                       min
                                                                s1
## 813
                     generative since nyear days
                                                       min
                                                                    0.50
                                                                            61
## 814
                      generative_since_seed_days
                                                                    0.50
                                                       min
                                                                s1
                                                                            61
##
  815
           generative_sk_Maximum_temperature..31
                                                       min
                                                                    0.50
                                                                            23
  816
        generative sk Precipitation amount..0.1
                                                                    0.50
##
                                                       min
                                                                s1
                                                                            35
  817
         generative sk Precipitation amount..40
                                                                    0.50
                                                       min
                                                                s1
                                                                            30
## 818
                                                                    0.50
                     generative sk Snow depth..1
                                                       min
                                                                s1
                                                                            32
## 819
                            generative_total_prec
                                                       min
                                                                    0.50
                                                                             8
## 820
                                                                    0.50
                                                                             4
                                       NA_avg_temp
                                                       min
                                                                s1
## 821
                   NA_fq_Maximum_temperature..31
                                                       min
                                                                    0.50
                                                                            12
                                                                s1
## 822
                                                                    0.50
                  NA_fq_Minimum_temperature...15
                                                       min
                                                                s1
                                                                            61
##
  823
                 NA_fq_Precipitation_amount..0.1
                                                       min
                                                                    0.50
                                                                             2
## 824
                  NA_fq_Precipitation_amount..40
                                                                    0.50
                                                       min
                                                                            61
## 825
                                                                    0.50
                              NA_fq_Snow_depth..1
                                                       min
                                                                s1
                                                                            11
## 826
                              NA_fq_Snow_depth..4
                                                       min
                                                                    0.50
                                                                            24
## 827
                                                                    0.50
                                    NA_length_days
                                                                            61
                                                       min
                                                                s1
## 828
                   NA sk Maximum temperature..31
                                                                    0.50
                                                       min
## 829
                                                                    0.50
                  NA_sk_Minimum_temperature...15
                                                                            61
                                                       min
                                                                s1
## 830
                 NA sk Precipitation amount..0.1
                                                       min
                                                                    0.50
                                                                            17
##
  831
                  NA_sk_Precipitation_amount..40
                                                       min
                                                                    0.50
                                                                            61
## 832
                                                                    0.50
                              NA_sk_Snow_depth..1
                                                       min
                                                                             6
## 833
                              NA_sk_Snow_depth..4
                                                                    0.50
                                                                            61
                                                       min
                                                                s1
## 834
                                                                    0.50
                                     NA_total_prec
                                                       min
                                                                            14
## 835
                              vegetative_avg_temp
                                                       min
                                                                ร1
                                                                    0.50
                                                                            61
   836
          vegetative_fq_Maximum_temperature..31
                                                       min
                                                                s1
                                                                    0.50
                                                                            61
##
  837
        vegetative_fq_Precipitation_amount..0.1
                                                                    0.50
                                                                             9
                                                       min
                                                                s1
   838
                                                                    0.50
                                                                            34
##
         vegetative_fq_Precipitation_amount..40
                                                       min
  839
##
                     vegetative_fq_Snow_depth..1
                                                                    0.50
                                                       min
                                                                            61
## 840
                     vegetative_fq_Snow_depth..4
                                                       min
                                                                    0.50
                                                                            61
                                                                s1
## 841
                           vegetative_length_days
                                                       min
                                                                s1
                                                                    0.50
                                                                            61
## 842
                     vegetative_since_nyear_days
                                                       min
                                                                s1
                                                                    0.50
                                                                            18
                                                                    0.50
##
  843
           vegetative_sk_Maximum_temperature..31
                                                       min
  844
                                                                    0.50
                                                                            10
##
        vegetative_sk_Precipitation_amount..0.1
                                                       min
                                                                s1
##
   845
         vegetative_sk_Precipitation_amount..40
                                                                    0.50
                                                                            36
                                                       min
##
  846
                     vegetative_sk_Snow_depth..1
                                                                    0.50
                                                       min
                                                                            61
## 847
                     vegetative sk Snow depth..4
                                                       min
                                                                    0.50
                                                                            61
## 848
                            vegetative_total_prec
                                                                    0.50
                                                                            20
                                                       min
                                                                s1
## 849
                                  critical_events
                                                                    0.50
                                                                            61
                                                       min
## 850
                                                                    0.50
                                           filling
                                                       min
                                                                s1
                                                                            13
## 851
                                                                    0.50
                                                                            61
                                        generative
                                                       min
                                                                s1
## 852
                                                                    0.50
                                                                             7
                                                NA.
                                                       min
                                                                s1
   853
                                                                    0.50
##
                                        vegetative
                                                       min
                                                                            61
  854
                                                                    0.50
##
                                              area
                                                       min
                                                                             1
## 855
                                                                    0.50
                                                                            22
                                 filling_avg_temp
                                                       min
                                                                st
## 856
                                                                    0.50
              filling_fq_Maximum_temperature..31
                                                                            61
                                                       min
                                                                st
## 857
                                                                    0.50
           filling_fq_Precipitation_amount..0.1
                                                       min
                                                                            61
## 858
                                                                    0.50
                                                                            24
             filling_fq_Precipitation_amount..40
                                                       min
## 859
                         filling_fq_Snow_depth..1
                                                       min
                                                                    0.50
                                                                            16
                                                                st
## 860
                              filling_length_days
                                                       min
                                                                    0.50
                                                                            11
##
  861
                                                                    0.50
                         filling_since_nyear_days
                                                                            61
                                                       min
## 862
                          filling_since_seed_days
                                                       min
                                                                    0.50
                                                                            18
## 863
              filling_sk_Maximum_temperature..31
                                                                    0.50
                                                                            25
                                                       min
                                                                st
## 864
            filling sk Precipitation amount..0.1
                                                                    0.50
                                                                            61
                                                       min
```

```
## 865
             filling_sk_Precipitation_amount..40
                                                                    0.50
                                                                            61
                                                       min
## 866
                                                                    0.50
                                                                            19
                         filling_sk_Snow_depth..1
                                                       min
## 867
                               filling total prec
                                                       min
                                                                    0.50
                                                                            10
                                                                    0.50
## 868
                                                                             4
                              generative_avg_temp
                                                       min
##
   869
           generative_fq_Maximum_temperature..31
                                                       min
                                                                    0.50
                                                                            30
  870
        generative fq Precipitation amount..0.1
                                                                    0.50
##
                                                       min
                                                                            61
         generative_fq_Precipitation_amount..40
  871
                                                                    0.50
                                                       min
                                                                st
                                                                            21
## 872
                                                                    0.50
                     generative_fq_Snow_depth..1
                                                       min
                                                                st.
                                                                            23
## 873
                           generative_length_days
                                                       min
                                                                    0.50
                                                                            31
## 874
                                                                    0.50
                     generative_since_nyear_days
                                                       min
                                                                st
                                                                            61
## 875
                      generative_since_seed_days
                                                       min
                                                                    0.50
                                                                            61
                                                                st
## 876
           generative_sk_Maximum_temperature..31
                                                                    0.50
                                                                            17
                                                       min
                                                                    0.50
##
   877
        generative_sk_Precipitation_amount..0.1
                                                       min
                                                                            34
  878
         generative_sk_Precipitation_amount..40
                                                                    0.50
##
                                                       min
                                                                            26
##
  879
                     generative_sk_Snow_depth..1
                                                                    0.50
                                                                            33
                                                       min
                                                                st
## 880
                            generative_total_prec
                                                       min
                                                                    0.50
                                                                             8
## 881
                                                                    0.50
                                                                             3
                                       NA_avg_temp
                                                       min
## 882
                   NA fq Maximum temperature..31
                                                                    0.50
                                                                            15
                                                       min
## 883
                                                                    0.50
                  NA_fq_Minimum_temperature...15
                                                                            61
                                                       min
                                                                st
  884
                 NA fg Precipitation amount..0.1
                                                       min
                                                                    0.50
                                                                             2
##
   885
                  NA_fq_Precipitation_amount..40
                                                       min
                                                                    0.50
                                                                            61
   886
                                                                    0.50
                              NA_fq_Snow_depth..1
                                                       min
                                                                st
## 887
                              NA_fq_Snow_depth..4
                                                                    0.50
                                                                            32
                                                       min
                                                                st
  888
                                                                    0.50
##
                                    NA_length_days
                                                       min
                                                                            61
## 889
                                                                    0.50
                   NA_sk_Maximum_temperature..31
                                                       min
                                                                st.
                                                                            27
  890
                  NA_sk_Minimum_temperature...15
                                                       min
                                                                st.
                                                                    0.50
                                                                            61
## 891
                 NA_sk_Precipitation_amount..0.1
                                                                    0.50
                                                                            13
                                                       min
                                                                st
   892
                                                                    0.50
##
                  NA_sk_Precipitation_amount..40
                                                       min
                                                                            61
## 893
                                                                    0.50
                                                                            28
                              NA_sk_Snow_depth..1
                                                       min
                                                                    0.50
## 894
                              NA_sk_Snow_depth..4
                                                       min
                                                                            61
                                                                st
## 895
                                     NA_total_prec
                                                       min
                                                                    0.50
                                                                             6
## 896
                              vegetative_avg_temp
                                                       min
                                                                st.
                                                                    0.50
                                                                            61
                                                                    0.50
##
  897
           vegetative_fq_Maximum_temperature..31
                                                       min
                                                                            61
  898
                                                                    0.50
                                                                             9
##
        vegetative_fq_Precipitation_amount..0.1
                                                       min
                                                                st
##
   899
         vegetative_fq_Precipitation_amount..40
                                                                    0.50
                                                                            35
                                                       min
##
  900
                                                                    0.50
                     vegetative_fq_Snow_depth..1
                                                       min
                                                                            61
## 901
                     vegetative fq Snow depth..4
                                                       min
                                                                    0.50
## 902
                           vegetative_length_days
                                                                    0.50
                                                                            61
                                                       min
                                                                st.
## 903
                     vegetative_since_nyear_days
                                                                    0.50
                                                                             5
                                                       min
## 904
                                                                    0.50
                                                                            61
          vegetative_sk_Maximum_temperature..31
                                                       min
                                                                st.
  905
        vegetative sk Precipitation amount..0.1
                                                                    0.50
                                                       min
## 906
         vegetative_sk_Precipitation_amount..40
                                                                    0.50
                                                                            36
                                                       min
                                                                st.
  907
                                                                    0.50
##
                     vegetative_sk_Snow_depth..1
                                                       min
                                                                            61
                                                                    0.50
## 908
                     vegetative_sk_Snow_depth..4
                                                                            61
                                                       min
## 909
                                                                    0.50
                            vegetative_total_prec
                                                       min
                                                                st
                                                                            20
## 910
                                                                    0.50
                                  critical_events
                                                                            61
                                                       min
                                                                st
## 911
                                                                    0.50
                                           filling
                                                       min
                                                                            14
## 912
                                                                    0.50
                                                                            61
                                        generative
                                                       min
## 913
                                               NA.
                                                       min
                                                                st.
                                                                    0.50
                                                                             7
## 914
                                        vegetative
                                                       min
                                                                st
                                                                    0.50
                                                                            61
## 915
                                                                    0.50
                                                                st
                                                                             1
                                              area
                                                       min
## 916
                                 filling_avg_temp
                                                       1se
                                                              coef
                                                                    0.50
                                                                            61
## 917
              filling_fq_Maximum_temperature..31
                                                              coef
                                                                    0.50
                                                                            61
                                                       1se
## 918
           filling fq Precipitation amount..0.1
                                                       1se
                                                              coef
                                                                    0.50
```

```
## 919
             filling_fq_Precipitation_amount..40
                                                              coef
                                                                     0.50
                                                                            61
                                                       1se
## 920
                                                                     0.50
                                                                            61
                         filling_fq_Snow_depth..1
                                                       1se
                                                              coef
## 921
                              filling length days
                                                       1se
                                                              coef
                                                                     0.50
                                                                            61
## 922
                                                                     0.50
                         filling_since_nyear_days
                                                                            61
                                                       1se
                                                              coef
## 923
                          filling_since_seed_days
                                                       1se
                                                              coef
                                                                     0.50
                                                                             5
## 924
              filling sk Maximum temperature..31
                                                                     0.50
                                                       1se
                                                              coef
                                                                            61
## 925
           filling sk Precipitation amount..0.1
                                                                     0.50
                                                       1se
                                                              coef
                                                                            61
## 926
                                                                     0.50
             filling_sk_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                            61
## 927
                         filling_sk_Snow_depth..1
                                                       1se
                                                              coef
                                                                     0.50
                                                                            61
## 928
                                                                     0.50
                               filling_total_prec
                                                       1se
                                                              coef
                                                                            15
  929
                              generative_avg_temp
                                                       1se
                                                              coef
                                                                     0.50
                                                                             3
  930
           generative_fq_Maximum_temperature..31
                                                                     0.50
                                                                            61
##
                                                       1se
                                                              coef
##
   931
        generative_fq_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                     0.50
                                                                            61
  932
         generative_fq_Precipitation_amount..40
                                                                     0.50
##
                                                       1se
                                                              coef
                                                                            14
## 933
                     generative_fq_Snow_depth..1
                                                              coef
                                                                     0.50
                                                                             8
                                                       1se
## 934
                           generative_length_days
                                                       1se
                                                              coef
                                                                     0.50
                                                                             6
## 935
                                                                     0.50
                     generative_since_nyear_days
                                                       1se
                                                              coef
                                                                            61
## 936
                      generative since seed days
                                                       1se
                                                              coef
                                                                     0.50
                                                                            61
##
  937
                                                       1se
                                                                     0.50
          generative_sk_Maximum_temperature..31
                                                              coef
                                                                            61
##
   938
        generative sk Precipitation amount..0.1
                                                       1se
                                                              coef
                                                                     0.50
                                                                            61
##
  939
         generative_sk_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                     0.50
                                                                            11
## 940
                     generative_sk_Snow_depth..1
                                                              coef
                                                                     0.50
                                                       1se
                                                                            10
## 941
                            generative_total_prec
                                                                     0.50
                                                       1se
                                                              coef
                                                                            12
## 942
                                                              coef
                                                                     0.50
                                                                             2
                                       NA_avg_temp
                                                       1se
## 943
                                                                     0.50
                   NA fq Maximum temperature..31
                                                       1se
                                                              coef
                                                                            61
## 944
                  NA fq Minimum temperature...15
                                                       1se
                                                              coef
                                                                     0.50
                                                                            61
## 945
                 NA_fq_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                     0.50
                                                                             7
   946
                                                                     0.50
                                                                            61
##
                  NA_fq_Precipitation_amount..40
                                                       1se
                                                              coef
## 947
                              NA_fq_Snow_depth..1
                                                                     0.50
                                                       1se
                                                              coef
                                                                            13
                                                                     0.50
## 948
                              NA_fq_Snow_depth..4
                                                       1se
                                                              coef
                                                                             9
## 949
                                    NA_length_days
                                                       1se
                                                              coef
                                                                     0.50
                                                                            61
## 950
                   NA_sk_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                     0.50
                                                                            16
  951
                                                                     0.50
##
                  NA_sk_Minimum_temperature...15
                                                       1se
                                                              coef
## 952
                                                              coef
                                                                     0.50
                 NA_sk_Precipitation_amount..0.1
                                                       1se
                                                                            61
##
  953
                  NA_sk_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                     0.50
                                                                            61
##
  954
                                                                     0.50
                              NA_sk_Snow_depth..1
                                                       1se
                                                              coef
                                                                            61
## 955
                              NA sk Snow depth..4
                                                       1se
                                                              coef
                                                                     0.50
## 956
                                     NA_total_prec
                                                       1se
                                                              coef
                                                                     0.50
                                                                            61
## 957
                              vegetative_avg_temp
                                                              coef
                                                                     0.50
                                                                            61
                                                       1se
## 958
                                                              coef
                                                                     0.50
                                                                            61
          vegetative_fq_Maximum_temperature..31
                                                       1se
  959
        vegetative fq Precipitation amount..0.1
                                                                     0.50
                                                       1se
                                                              coef
                                                                            61
## 960
         vegetative_fq_Precipitation_amount..40
                                                              coef
                                                                     0.50
                                                                            61
                                                       1se
                                                                     0.50
##
  961
                     vegetative_fq_Snow_depth..1
                                                       1se
                                                              coef
                                                                            61
                                                                     0.50
##
  962
                     vegetative_fq_Snow_depth..4
                                                       1se
                                                              coef
                                                                            61
## 963
                                                                     0.50
                           vegetative_length_days
                                                       1se
                                                              coef
                                                                            61
## 964
                                                                     0.50
                     vegetative_since_nyear_days
                                                              coef
                                                                             4
                                                       1se
                                                                     0.50
##
  965
          vegetative_sk_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                            61
                                                                     0.50
##
  966
        vegetative_sk_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                            61
         vegetative_sk_Precipitation_amount..40
## 967
                                                       1se
                                                              coef
                                                                     0.50
                                                                            61
  968
##
                     vegetative_sk_Snow_depth..1
                                                       1se
                                                              coef
                                                                     0.50
                                                                            61
## 969
                     vegetative_sk_Snow_depth..4
                                                                     0.50
                                                       1se
                                                              coef
                                                                            61
## 970
                            vegetative_total_prec
                                                       1se
                                                              coef
                                                                     0.50
                                                                            61
## 971
                                   critical_events
                                                       1se
                                                              coef
                                                                     0.50
                                                                            61
## 972
                                           filling
                                                       1se
                                                              coef
                                                                    0.50
                                                                            61
```

```
## 973
                                                       1se
                                                              coef
                                                                    0.50
                                                                            61
                                        generative
## 974
                                                       1se
                                                                    0.50
                                               NA.
                                                              coef
                                                                            61
## 975
                                        vegetative
                                                       1se
                                                              coef
                                                                    0.50
                                                                            61
## 976
                                                              coef
                                                                    0.50
                                              area
                                                       1se
                                                                             1
## 977
                                 filling_avg_temp
                                                       1se
                                                                    0.50
                                                                            61
## 978
                                                                    0.50
              filling fq Maximum temperature..31
                                                       1se
                                                                s1
                                                                            61
## 979
           filling fq Precipitation amount..0.1
                                                                    0.50
                                                       1se
                                                                s1
                                                                            61
## 980
                                                                    0.50
             filling_fq_Precipitation_amount..40
                                                       1se
                                                                s1
                                                                            61
## 981
                         filling_fq_Snow_depth..1
                                                       1se
                                                                    0.50
                                                                            61
## 982
                                                                    0.50
                              filling_length_days
                                                       1se
                                                                s1
                                                                            61
## 983
                         filling_since_nyear_days
                                                       1se
                                                                    0.50
                                                                            61
                                                                s1
## 984
                                                                    0.50
                                                                             9
                          filling_since_seed_days
                                                       1se
                                                                s1
              filling_sk_Maximum_temperature..31
##
  985
                                                                    0.50
                                                                            61
                                                       1se
## 986
                                                                    0.50
            filling_sk_Precipitation_amount..0.1
                                                       1se
## 987
                                                                    0.50
             filling_sk_Precipitation_amount..40
                                                       1se
                                                                s1
                                                                            61
## 988
                         filling_sk_Snow_depth..1
                                                       1se
                                                                    0.50
                                                                            61
## 989
                                                                    0.50
                               filling_total_prec
                                                       1se
                                                                            11
## 990
                                                                    0.50
                                                                            10
                              generative_avg_temp
                                                       1se
## 991
                                                                    0.50
          generative_fq_Maximum_temperature..31
                                                       1se
                                                                            61
                                                                s1
## 992
        generative_fq_Precipitation_amount..0.1
                                                       1se
                                                                    0.50
##
  993
         generative_fq_Precipitation_amount..40
                                                       1se
                                                                    0.50
                                                                            61
## 994
                                                                    0.50
                     generative_fq_Snow_depth..1
                                                       1se
                                                                            13
## 995
                                                                s1
                                                                    0.50
                           generative_length_days
                                                       1se
                                                                             8
## 996
                                                                    0.50
                                                                            61
                     generative since nyear days
                                                       1se
## 997
                      generative_since_seed_days
                                                       1se
                                                                s1
                                                                    0.50
                                                                            61
  998
          generative_sk_Maximum_temperature..31
                                                       1se
                                                                s1
                                                                    0.50
                                                                            61
## 999
        generative_sk_Precipitation_amount..0.1
                                                                    0.50
                                                       1se
                                                                s1
                                                                            61
   1000
                                                                    0.50
         generative_sk_Precipitation_amount..40
                                                       1se
                                                                            61
## 1001
                                                                    0.50
                     generative_sk_Snow_depth..1
                                                                             7
                                                       1se
## 1002
                            generative_total_prec
                                                       1se
                                                                    0.50
                                                                             5
                                                                s1
## 1003
                                       NA_avg_temp
                                                       1se
                                                                s1
                                                                    0.50
                                                                             4
## 1004
                   NA_fq_Maximum_temperature..31
                                                       1se
                                                                s1
                                                                    0.50
                                                                            61
## 1005
                  NA_fq_Minimum_temperature...15
                                                       1se
                                                                    0.50
                                                                            61
## 1006
                                                                    0.50
                                                                             2
                 NA_fq_Precipitation_amount..0.1
                                                       1se
                                                                s1
## 1007
                  NA_fq_Precipitation_amount..40
                                                       1se
                                                                    0.50
                                                                            61
## 1008
                                                                    0.50
                              NA_fq_Snow_depth..1
                                                       1se
                                                                            12
## 1009
                              NA fq Snow depth..4
                                                       1se
                                                                    0.50
                                                                             3
## 1010
                                    NA_length_days
                                                                    0.50
                                                                            61
                                                       1se
                                                                s1
## 1011
                   NA_sk_Maximum_temperature..31
                                                                    0.50
                                                       1se
## 1012
                  NA_sk_Minimum_temperature...15
                                                                    0.50
                                                                            61
                                                       1se
                                                                s1
## 1013
                                                                    0.50
                 NA sk Precipitation amount..0.1
                                                       1se
                                                                            61
## 1014
                  NA sk Precipitation amount..40
                                                                    0.50
                                                       1se
                                                                s1
                                                                            61
                                                                    0.50
## 1015
                              NA_sk_Snow_depth..1
                                                       1se
                                                                            61
                                                                    0.50
## 1016
                              NA_sk_Snow_depth..4
                                                                            61
                                                       1se
## 1017
                                                                    0.50
                                     NA_total_prec
                                                       1se
                                                                s1
                                                                            61
                                                                    0.50
## 1018
                                                                            61
                              vegetative_avg_temp
                                                       1se
                                                                s1
                                                                    0.50
## 1019
           vegetative_fq_Maximum_temperature..31
                                                       1se
                                                                            61
                                                                    0.50
## 1020
        vegetative_fq_Precipitation_amount..0.1
                                                       1se
                                                                            61
## 1021
         vegetative_fq_Precipitation_amount..40
                                                       1se
                                                                    0.50
                                                                            61
                                                                s1
## 1022
                     vegetative_fq_Snow_depth..1
                                                       1se
                                                                    0.50
                                                                            61
## 1023
                                                                    0.50
                     vegetative_fq_Snow_depth..4
                                                       1se
                                                                            61
## 1024
                           vegetative_length_days
                                                       1se
                                                                    0.50
                                                                            61
## 1025
                     vegetative_since_nyear_days
                                                                    0.50
                                                                             6
                                                       1se
                                                                s1
## 1026
          vegetative sk Maximum temperature..31
                                                       1se
                                                                s1
                                                                    0.50
                                                                            61
```

```
## 1027 vegetative_sk_Precipitation_amount..0.1
                                                       1se
                                                                     0.50
                                                                            61
                                                                    0.50
## 1028
         vegetative_sk_Precipitation_amount..40
                                                       1se
                                                                s1
                                                                            61
## 1029
                     vegetative sk Snow depth..1
                                                       1se
                                                                     0.50
                                                                            61
## 1030
                     vegetative_sk_Snow_depth..4
                                                                     0.50
                                                       1se
                                                                s1
                                                                            61
## 1031
                            vegetative_total_prec
                                                       1se
                                                                     0.50
                                                                            61
## 1032
                                                                    0.50
                                   critical events
                                                       1se
                                                                            61
## 1033
                                                                     0.50
                                           filling
                                                       1se
                                                                s1
                                                                            61
                                                                    0.50
## 1034
                                        generative
                                                       1se
                                                                s1
                                                                            61
## 1035
                                                       1se
                                                                     0.50
                                                                            61
                                                NA.
## 1036
                                        vegetative
                                                       1se
                                                                s1
                                                                     0.50
                                                                            61
## 1037
                                                       1se
                                                                     0.50
                                                                             1
                                              area
                                                                s1
## 1038
                                                                     0.50
                                 filling_avg_temp
                                                       1se
                                                                            61
## 1039
              filling_fq_Maximum_temperature..31
                                                                     0.50
                                                       1se
                                                                            61
## 1040
                                                                     0.50
            filling_fq_Precipitation_amount..0.1
                                                       1se
## 1041
             filling_fq_Precipitation_amount..40
                                                                     0.50
                                                       1se
                                                                st
                                                                            61
## 1042
                         filling_fq_Snow_depth..1
                                                       1se
                                                                     0.50
## 1043
                                                                    0.50
                              filling_length_days
                                                                            61
                                                       1se
## 1044
                                                                     0.50
                                                                            61
                         filling_since_nyear_days
                                                       1se
## 1045
                                                                     0.50
                          filling_since_seed_days
                                                                            10
                                                       1se
                                                                st
              filling_sk_Maximum_temperature..31
## 1046
                                                       1se
                                                                     0.50
## 1047
           filling_sk_Precipitation_amount..0.1
                                                       1se
                                                                    0.50
                                                                            61
## 1048
             filling_sk_Precipitation_amount..40
                                                                     0.50
                                                       1se
                                                                st.
                                                                            61
## 1049
                                                                    0.50
                         filling sk Snow depth..1
                                                                            61
                                                       1se
                                                                st
## 1050
                                                                     0.50
                               filling_total_prec
                                                       1se
                                                                            12
## 1051
                              generative_avg_temp
                                                       1se
                                                                st.
                                                                    0.50
                                                                             9
## 1052
           generative_fq_Maximum_temperature..31
                                                       1se
                                                                st.
                                                                     0.50
                                                                            61
  1053
        generative_fq_Precipitation_amount..0.1
                                                                     0.50
                                                       1se
                                                                st
                                                                            61
   1054
                                                                     0.50
##
         generative_fq_Precipitation_amount..40
                                                       1se
                                                                            61
## 1055
                                                                     0.50
                     generative_fq_Snow_depth..1
                                                       1se
                                                                            11
## 1056
                           generative_length_days
                                                                     0.50
                                                                             8
                                                       1se
                                                                st
## 1057
                     generative_since_nyear_days
                                                       1se
                                                                     0.50
                                                                            61
## 1058
                      generative_since_seed_days
                                                                st.
                                                                     0.50
                                                                            61
                                                       1se
  1059
           generative_sk_Maximum_temperature..31
                                                       1se
                                                                     0.50
                                                                     0.50
  1060
        generative_sk_Precipitation_amount..0.1
                                                                            61
##
                                                       1se
                                                                st
   1061
         generative_sk_Precipitation_amount..40
                                                                     0.50
                                                       1se
##
  1062
                                                                     0.50
                                                                             7
                     generative_sk_Snow_depth..1
                                                       1se
## 1063
                            generative total prec
                                                       1se
                                                                     0.50
                                                                             6
## 1064
                                                                     0.50
                                                                             4
                                       NA_avg_temp
                                                       1se
                                                                st.
## 1065
                   NA_fq_Maximum_temperature..31
                                                                     0.50
                                                       1se
                                                                            61
## 1066
                                                                    0.50
                                                                            61
                  NA_fq_Minimum_temperature...15
                                                       1se
                                                                st.
## 1067
                                                                     0.50
                                                                             3
                 NA fg Precipitation amount..0.1
                                                       1se
## 1068
                  NA_fq_Precipitation_amount..40
                                                                     0.50
                                                                            61
                                                       1se
                                                                st.
## 1069
                              NA_fq_Snow_depth..1
                                                       1se
                                                                     0.50
                                                                            13
## 1070
                              NA_fq_Snow_depth..4
                                                                    0.50
                                                                             5
                                                       1se
## 1071
                                    NA_length_days
                                                       1se
                                                                     0.50
                                                                            61
                                                                st
## 1072
                                                                     0.50
                   NA_sk_Maximum_temperature..31
                                                       1se
                                                                st
                                                                            61
## 1073
                  NA_sk_Minimum_temperature...15
                                                       1se
                                                                     0.50
                                                                            61
                                                                     0.50
## 1074
                 NA_sk_Precipitation_amount..0.1
                                                       1se
                                                                            61
## 1075
                  NA_sk_Precipitation_amount..40
                                                       1se
                                                                     0.50
                                                                            61
                                                                st.
## 1076
                              NA_sk_Snow_depth..1
                                                       1se
                                                                     0.50
                                                                            61
## 1077
                                                                    0.50
                              NA_sk_Snow_depth..4
                                                                            61
                                                       1se
## 1078
                                     NA_total_prec
                                                       1se
                                                                    0.50
                                                                            61
## 1079
                              vegetative_avg_temp
                                                                    0.50
                                                                            61
                                                       1se
                                                                st
## 1080
          vegetative_fq_Maximum_temperature..31
                                                                    0.50
                                                       1se
```

```
## 1081 vegetative_fq_Precipitation_amount..0.1
                                                       1se
                                                                    0.50
                                                                            61
         vegetative_fq_Precipitation_amount..40
                                                                    0.50
## 1082
                                                       1se
                                                                            61
## 1083
                     vegetative_fq_Snow_depth..1
                                                       1se
                                                                    0.50
                                                                            61
## 1084
                     vegetative_fq_Snow_depth..4
                                                                    0.50
                                                       1se
                                                                            61
## 1085
                           vegetative_length_days
                                                       1se
                                                                    0.50
                                                                            61
## 1086
                                                                    0.50
                     vegetative_since_nyear_days
                                                       1se
                                                                             2
## 1087
                                                                    0.50
           vegetative sk Maximum temperature..31
                                                       1se
                                                                st
                                                                            61
        vegetative_sk_Precipitation_amount..0.1
                                                                    0.50
## 1088
                                                       1se
                                                                st.
                                                                            61
## 1089
         vegetative_sk_Precipitation_amount..40
                                                       1se
                                                                    0.50
                                                                            61
## 1090
                     vegetative_sk_Snow_depth..1
                                                       1se
                                                                st
                                                                    0.50
                                                                            61
## 1091
                     vegetative_sk_Snow_depth..4
                                                       1se
                                                                    0.50
                                                                            61
                                                                st
## 1092
                                                                    0.50
                            vegetative_total_prec
                                                       1se
                                                                            61
## 1093
                                  critical_events
                                                       1se
                                                                    0.50
                                                                            61
## 1094
                                                                    0.50
                                           filling
                                                       1se
## 1095
                                                                    0.50
                                        generative
                                                       1se
                                                                st
                                                                            61
## 1096
                                               NA.
                                                       1se
                                                                    0.50
## 1097
                                                                    0.50
                                        vegetative
                                                                            61
                                                       1se
                                                                st
## 1098
                                                                    0.50
                                                                             1
                                              area
                                                       1se
## 1099
                                                                    0.75
                                                                             4
                                 filling_avg_temp
                                                              coef
                                                       min
## 1100
              filling fq Maximum temperature..31
                                                       min
                                                              coef
                                                                    0.75
                                                                            61
## 1101
           filling_fq_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                    0.75
                                                                            61
## 1102
             filling_fq_Precipitation_amount..40
                                                       min
                                                              coef
                                                                    0.75
## 1103
                                                                    0.75
                         filling_fq_Snow_depth..1
                                                       min
                                                              coef
                                                                            17
## 1104
                              filling length days
                                                              coef
                                                                    0.75
                                                       min
## 1105
                         filling_since_nyear_days
                                                       min
                                                              coef
                                                                    0.75
                                                                            61
## 1106
                          filling_since_seed_days
                                                       min
                                                              coef
                                                                    0.75
                                                                            61
## 1107
              filling_sk_Maximum_temperature..31
                                                              coef
                                                                    0.75
                                                                            20
                                                       min
                                                                    0.75
## 1108
           filling_sk_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                            61
## 1109
             filling_sk_Precipitation_amount..40
                                                              coef
                                                                    0.75
                                                       min
## 1110
                         filling_sk_Snow_depth..1
                                                       min
                                                              coef
                                                                    0.75
                                                                            37
## 1111
                               filling_total_prec
                                                       min
                                                              coef
                                                                    0.75
                                                                            30
## 1112
                              generative_avg_temp
                                                       min
                                                              coef
                                                                    0.75
                                                                             2
                                                                    0.75
## 1113
           generative_fq_Maximum_temperature..31
                                                       min
                                                              coef
                                                                             5
                                                              coef
                                                                    0.75
                                                                            29
## 1114
        generative_fq_Precipitation_amount..0.1
                                                       min
## 1115
         generative_fq_Precipitation_amount..40
                                                       min
                                                              coef
                                                                    0.75
                                                                             3
## 1116
                                                                    0.75
                     generative_fq_Snow_depth..1
                                                       min
                                                              coef
                                                                            36
## 1117
                           generative length days
                                                       min
                                                              coef
                                                                    0.75
## 1118
                                                       min
                                                              coef
                                                                    0.75
                                                                            61
                     generative_since_nyear_days
## 1119
                                                              coef
                                                                    0.75
                      generative_since_seed_days
                                                       min
                                                                            61
                                                                            12
## 1120
                                                              coef
                                                                    0.75
           generative_sk_Maximum_temperature..31
                                                       min
## 1121
        generative sk Precipitation amount..0.1
                                                                    0.75
                                                       min
                                                              coef
## 1122
         generative_sk_Precipitation_amount..40
                                                       min
                                                              coef
                                                                    0.75
                                                                            19
## 1123
                                                                    0.75
                     generative_sk_Snow_depth..1
                                                       min
                                                              coef
                                                                            39
                                                                    0.75
## 1124
                            generative_total_prec
                                                       min
                                                              coef
                                                                            32
## 1125
                                                                    0.75
                                       NA_avg_temp
                                                       min
                                                              coef
                                                                             6
                                                                    0.75
                                                                             7
## 1126
                   NA_fq_Maximum_temperature..31
                                                              coef
                                                       min
                                                                    0.75
## 1127
                  NA_fq_Minimum_temperature...15
                                                       min
                                                              coef
                                                                            61
                                                                    0.75
                                                                            22
## 1128
                 NA_fq_Precipitation_amount..0.1
                                                       min
                                                              coef
## 1129
                  NA_fq_Precipitation_amount..40
                                                       min
                                                              coef
                                                                    0.75
                                                                            38
## 1130
                              NA_fq_Snow_depth..1
                                                       min
                                                              coef
                                                                    0.75
                                                                            25
## 1131
                                                                    0.75
                              NA_fq_Snow_depth..4
                                                       min
                                                              coef
                                                                            31
## 1132
                                   NA length days
                                                       min
                                                              coef
                                                                    0.75
                                                                            61
## 1133
                   NA_sk_Maximum_temperature..31
                                                       min
                                                              coef
                                                                    0.75
                                                                             1
## 1134
                  NA sk Minimum temperature...15
                                                       min
                                                              coef
                                                                    0.75
```

```
## 1135
                 NA sk Precipitation amount..0.1
                                                       min
                                                              coef
                                                                    0.75
                                                                            21
## 1136
                  NA_sk_Precipitation_amount..40
                                                                    0.75
                                                                            18
                                                       min
                                                              coef
## 1137
                              NA sk Snow depth..1
                                                       min
                                                              coef
                                                                    0.75
                                                                            26
## 1138
                                                                    0.75
                              NA_sk_Snow_depth..4
                                                              coef
                                                                            34
                                                       min
## 1139
                                    NA_total_prec
                                                       min
                                                              coef
                                                                    0.75
## 1140
                                                       min
                                                                    0.75
                              vegetative_avg_temp
                                                              coef
                                                                            61
## 1141
                                                              coef
                                                                    0.75
           vegetative fq Maximum temperature..31
                                                       min
                                                                             8
## 1142
                                                                    0.75
        vegetative fq Precipitation amount..0.1
                                                       min
                                                              coef
                                                                            15
## 1143
         vegetative_fq_Precipitation_amount..40
                                                       min
                                                              coef
                                                                    0.75
                                                                            11
                                                                    0.75
## 1144
                     vegetative_fq_Snow_depth..1
                                                       min
                                                              coef
                                                                            61
## 1145
                     vegetative_fq_Snow_depth..4
                                                       min
                                                              coef
                                                                    0.75
                                                                            61
## 1146
                                                                    0.75
                                                              coef
                           vegetative_length_days
                                                       min
                                                                            61
## 1147
                     vegetative_since_nyear_days
                                                       min
                                                              coef
                                                                    0.75
                                                                            14
## 1148
                                                                    0.75
           vegetative_sk_Maximum_temperature..31
                                                       min
                                                              coef
                                                                            13
## 1149
        vegetative_sk_Precipitation_amount..0.1
                                                              coef
                                                                    0.75
                                                       min
                                                                            16
## 1150
         vegetative_sk_Precipitation_amount..40
                                                       min
                                                              coef
                                                                    0.75
                                                                            40
## 1151
                                                                    0.75
                     vegetative_sk_Snow_depth..1
                                                       min
                                                              coef
                                                                            61
                                                                    0.75
## 1152
                     vegetative sk Snow depth..4
                                                       min
                                                              coef
                                                              coef
## 1153
                                                                    0.75
                            vegetative_total_prec
                                                       min
                                                                            28
## 1154
                                  critical events
                                                       min
                                                              coef
                                                                    0.75
## 1155
                                           filling
                                                       min
                                                              coef
                                                                    0.75
                                                                            35
## 1156
                                        generative
                                                       min
                                                              coef
                                                                    0.75
                                                              coef
                                                                    0.75
## 1157
                                                       min
                                               NA.
                                                                            24
## 1158
                                                       min
                                                              coef
                                                                    0.75
                                        vegetative
                                                                            61
## 1159
                                                                    0.75
                                                                            10
                                              area
                                                       min
                                                              coef
## 1160
                                 filling_avg_temp
                                                       min
                                                                s1
                                                                    0.75
                                                                             3
## 1161
              filling_fq_Maximum_temperature..31
                                                       min
                                                                s1
                                                                    0.75
                                                                            61
                                                                    0.75
## 1162
           filling_fq_Precipitation_amount..0.1
                                                       min
                                                                            61
                                                                    0.75
## 1163
            filling_fq_Precipitation_amount..40
                                                       min
                                                                            15
                                                                    0.75
## 1164
                        filling_fq_Snow_depth..1
                                                       min
                                                                            30
                                                                s1
                                                                    0.75
## 1165
                              filling_length_days
                                                       min
                                                                s1
                                                                            20
## 1166
                        filling_since_nyear_days
                                                       min
                                                                s1
                                                                    0.75
                                                                            61
                                                                    0.75
## 1167
                          filling_since_seed_days
                                                       min
                                                                            21
## 1168
                                                                    0.75
              filling_sk_Maximum_temperature..31
                                                                            27
                                                       min
                                                                s1
## 1169
           filling sk Precipitation amount..0.1
                                                                    0.75
                                                       min
## 1170
                                                                    0.75
            filling_sk_Precipitation_amount..40
                                                       min
                                                                            61
## 1171
                         filling sk Snow depth..1
                                                       min
                                                                    0.75
                                                                            26
## 1172
                               filling_total_prec
                                                       min
                                                                    0.75
                                                                             6
                                                                s1
## 1173
                              generative_avg_temp
                                                                    0.75
                                                                             5
                                                       min
## 1174
                                                                    0.75
                                                                            17
           generative_fq_Maximum_temperature..31
                                                       min
        generative fq Precipitation amount..0.1
                                                                    0.75
## 1175
                                                       min
                                                                            61
## 1176
         generative_fq_Precipitation_amount..40
                                                                s1
                                                                    0.75
                                                       min
                                                                            11
## 1177
                                                                    0.75
                     generative_fq_Snow_depth..1
                                                       min
                                                                            61
                                                                    0.75
## 1178
                                                       min
                           generative_length_days
## 1179
                                                                    0.75
                     generative_since_nyear_days
                                                       min
                                                                s1
                                                                            61
                                                                    0.75
## 1180
                                                                            61
                      generative_since_seed_days
                                                       min
                                                                s1
                                                                    0.75
## 1181
           generative_sk_Maximum_temperature..31
                                                       min
                                                                            24
                                                                    0.75
                                                                            29
## 1182
        generative_sk_Precipitation_amount..0.1
                                                       min
         generative_sk_Precipitation_amount..40
## 1183
                                                       min
                                                                s1
                                                                    0.75
                                                                            28
## 1184
                                                                    0.75
                     generative_sk_Snow_depth..1
                                                       min
## 1185
                                                                    0.75
                                                                             7
                            generative_total_prec
                                                       min
                                                                s1
                                                                    0.75
## 1186
                                      NA_avg_temp
                                                       min
                                                                             4
## 1187
                   NA_fq_Maximum_temperature..31
                                                                    0.75
                                                                            22
                                                       min
                                                                s1
## 1188
                  NA fq Minimum temperature...15
                                                       min
                                                                s1
                                                                    0.75
```

```
## 1189
                 NA fg Precipitation amount..0.1
                                                       min
                                                                    0.75
                                                                             2
## 1190
                                                                    0.75
                                                                            61
                  NA_fq_Precipitation_amount..40
                                                       min
                                                                s1
## 1191
                              NA_fq_Snow_depth..1
                                                       min
                                                                    0.75
                                                                            16
## 1192
                              NA_fq_Snow_depth..4
                                                                    0.75
                                                       min
                                                                s1
                                                                            61
## 1193
                                    NA_length_days
                                                       min
                                                                    0.75
                                                                            61
## 1194
                                                                    0.75
                   NA sk Maximum temperature..31
                                                       min
                                                                            13
## 1195
                                                                    0.75
                  NA sk Minimum temperature...15
                                                       min
                                                                s1
                                                                            61
## 1196
                                                                    0.75
                 NA_sk_Precipitation_amount..0.1
                                                       min
                                                                s1
                                                                            25
## 1197
                  NA_sk_Precipitation_amount..40
                                                       min
                                                                    0.75
                                                                            61
                                                                    0.75
## 1198
                              NA_sk_Snow_depth..1
                                                       min
                                                                s1
                                                                            18
## 1199
                              NA_sk_Snow_depth..4
                                                       min
                                                                s1
                                                                    0.75
                                                                            61
## 1200
                                                                    0.75
                                                                             9
                                     NA_total_prec
                                                       min
                                                                s1
## 1201
                              vegetative_avg_temp
                                                       min
                                                                    0.75
                                                                            61
## 1202
                                                                    0.75
           vegetative_fq_Maximum_temperature..31
                                                       min
## 1203
                                                                    0.75
        vegetative_fq_Precipitation_amount..0.1
                                                       min
                                                                s1
                                                                            14
## 1204
         vegetative_fq_Precipitation_amount..40
                                                       min
                                                                    0.75
                                                                            31
## 1205
                                                                    0.75
                     vegetative_fq_Snow_depth..1
                                                       min
                                                                            61
## 1206
                     vegetative_fq_Snow_depth..4
                                                                    0.75
                                                       min
## 1207
                                                                    0.75
                           vegetative_length_days
                                                       min
                                                                            61
                                                                s1
## 1208
                     vegetative_since_nyear_days
                                                       min
                                                                    0.75
                                                                            19
## 1209
           vegetative_sk_Maximum_temperature..31
                                                       min
                                                                    0.75
                                                                            61
## 1210
        vegetative_sk_Precipitation_amount..0.1
                                                                    0.75
                                                       min
                                                                    0.75
## 1211
         vegetative_sk_Precipitation_amount..40
                                                       min
                                                                s1
                                                                            32
## 1212
                                                                    0.75
                     vegetative_sk_Snow_depth..1
                                                       min
                                                                            61
## 1213
                                                                    0.75
                     vegetative_sk_Snow_depth..4
                                                       min
                                                                s1
                                                                            61
## 1214
                            vegetative_total_prec
                                                       min
                                                                s1
                                                                    0.75
                                                                            12
## 1215
                                  critical_events
                                                                    0.75
                                                                            61
                                                       min
                                                                s1
## 1216
                                                                    0.75
                                           filling
                                                       min
                                                                            23
                                                                    0.75
## 1217
                                        generative
                                                       min
                                                                            61
                                                                    0.75
## 1218
                                                NA.
                                                       min
                                                                             8
                                                                s1
                                                                    0.75
## 1219
                                        vegetative
                                                       min
                                                                s1
                                                                            61
## 1220
                                                       min
                                                                s1
                                                                    0.75
                                                                             1
                                              area
                                                                    0.75
## 1221
                                 filling_avg_temp
                                                       min
                                                                             5
## 1222
                                                                    0.75
              filling_fq_Maximum_temperature..31
                                                       min
                                                                            61
                                                                st
## 1223
            filling_fq_Precipitation_amount..0.1
                                                                    0.75
                                                       min
## 1224
                                                                    0.75
            filling_fq_Precipitation_amount..40
                                                       min
                                                                            28
## 1225
                         filling fq Snow depth..1
                                                       min
                                                                    0.75
                                                                             6
## 1226
                              filling_length_days
                                                       min
                                                                    0.75
                                                                st.
                                                                            16
## 1227
                         filling_since_nyear_days
                                                                    0.75
                                                       min
## 1228
                                                                    0.75
                                                                            27
                          filling_since_seed_days
                                                       min
                                                                st.
## 1229
                                                                    0.75
              filling sk Maximum temperature..31
                                                       min
                                                                            24
## 1230
           filling sk Precipitation amount..0.1
                                                                    0.75
                                                                            61
                                                       min
                                                                st.
                                                                    0.75
## 1231
             filling_sk_Precipitation_amount..40
                                                       min
                                                                            61
                                                                    0.75
## 1232
                         filling_sk_Snow_depth..1
                                                       min
                                                                            21
## 1233
                                                                    0.75
                               filling_total_prec
                                                       min
                                                                st
                                                                            11
## 1234
                                                                    0.75
                                                                             3
                              generative_avg_temp
                                                       min
                                                                st
                                                                    0.75
## 1235
           generative_fq_Maximum_temperature..31
                                                       min
                                                                            18
## 1236
                                                                    0.75
        generative_fq_Precipitation_amount..0.1
                                                       min
                                                                            61
## 1237
         generative_fq_Precipitation_amount..40
                                                       min
                                                                    0.75
                                                                            14
                                                                st.
## 1238
                                                                    0.75
                     generative_fq_Snow_depth..1
                                                       min
                                                                            61
## 1239
                                                                    0.75
                           generative_length_days
                                                       min
                                                                            61
## 1240
                                                                    0.75
                     generative_since_nyear_days
                                                       min
                                                                            61
## 1241
                      generative_since_seed_days
                                                                    0.75
                                                                            61
                                                       min
                                                                st
## 1242
          generative sk Maximum temperature..31
                                                       min
                                                                    0.75
                                                                            26
                                                                st.
```

```
## 1243 generative_sk_Precipitation_amount..0.1
                                                                     0.75
                                                                            29
                                                       min
                                                                     0.75
                                                                            30
## 1244
         generative_sk_Precipitation_amount..40
                                                       min
                                                                st.
## 1245
                     generative_sk_Snow_depth..1
                                                       min
                                                                     0.75
                                                                            61
## 1246
                            generative_total_prec
                                                                     0.75
                                                                            12
                                                       min
## 1247
                                       NA_avg_temp
                                                       min
                                                                     0.75
                                                                             4
## 1248
                                                                     0.75
                   NA fq Maximum temperature..31
                                                       min
                                                                            23
## 1249
                                                                     0.75
                  NA fq Minimum temperature...15
                                                       min
                                                                st
                                                                            61
## 1250
                                                                     0.75
                 NA_fq_Precipitation_amount..0.1
                                                       min
                                                                st.
                                                                             2
## 1251
                  NA_fq_Precipitation_amount..40
                                                       min
                                                                     0.75
                                                                            61
## 1252
                              NA_fq_Snow_depth..1
                                                       min
                                                                st
                                                                     0.75
                                                                             9
## 1253
                              NA_fq_Snow_depth..4
                                                       min
                                                                     0.75
                                                                            61
                                                                st
## 1254
                                                                     0.75
                                    NA_length_days
                                                       min
                                                                            61
## 1255
                   NA_sk_Maximum_temperature..31
                                                       min
                                                                     0.75
                                                                            20
## 1256
                                                                     0.75
                  NA_sk_Minimum_temperature...15
                                                       min
## 1257
                                                                     0.75
                 NA_sk_Precipitation_amount..0.1
                                                       min
                                                                st
                                                                            17
## 1258
                  NA_sk_Precipitation_amount..40
                                                       min
                                                                     0.75
## 1259
                                                                     0.75
                              NA_sk_Snow_depth..1
                                                                            10
                                                       min
## 1260
                              NA sk Snow depth..4
                                                                     0.75
                                                       min
## 1261
                                                                     0.75
                                     NA_total_prec
                                                       min
                                                                            15
                                                                st
## 1262
                              vegetative_avg_temp
                                                       min
                                                                     0.75
                                                                            61
## 1263
           vegetative_fq_Maximum_temperature..31
                                                       min
                                                                     0.75
                                                                            61
## 1264
        vegetative_fq_Precipitation_amount..0.1
                                                                     0.75
                                                       min
                                                                st
                                                                            13
## 1265
          vegetative_fq_Precipitation_amount..40
                                                                     0.75
                                                       min
                                                                            31
                                                                st
## 1266
                                                                     0.75
                     vegetative_fq_Snow_depth..1
                                                       min
                                                                            61
## 1267
                     vegetative_fq_Snow_depth..4
                                                       min
                                                                st.
                                                                     0.75
                                                                            61
## 1268
                           vegetative_length_days
                                                       min
                                                                st.
                                                                     0.75
                                                                            61
## 1269
                                                                     0.75
                                                                             7
                     vegetative_since_nyear_days
                                                       min
                                                                st
  1270
                                                                     0.75
           vegetative_sk_Maximum_temperature..31
                                                       min
                                                                            61
## 1271
        vegetative_sk_Precipitation_amount..0.1
                                                                     0.75
                                                       min
                                                                            22
## 1272
          vegetative_sk_Precipitation_amount..40
                                                       min
                                                                     0.75
                                                                            32
                                                                st
## 1273
                     vegetative_sk_Snow_depth..1
                                                       min
                                                                     0.75
                                                                            61
## 1274
                     vegetative_sk_Snow_depth..4
                                                       min
                                                                st.
                                                                     0.75
                                                                            61
## 1275
                            vegetative_total_prec
                                                       min
                                                                     0.75
                                                                            19
## 1276
                                                                     0.75
                                   critical_events
                                                                            61
                                                       min
                                                                st
## 1277
                                                                     0.75
                                                                            25
                                           filling
                                                       min
## 1278
                                                                     0.75
                                        generative
                                                       min
                                                                            61
## 1279
                                                NA.
                                                       min
                                                                     0.75
                                                                             8
## 1280
                                        vegetative
                                                                     0.75
                                                                            61
                                                       min
                                                                st.
## 1281
                                                                     0.75
                                                                             1
                                               area
                                                       min
## 1282
                                                                     0.75
                                  filling_avg_temp
                                                       1se
                                                              coef
                                                                            61
## 1283
                                                                     0.75
              filling_fq_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                            61
## 1284
            filling_fq_Precipitation_amount..0.1
                                                              coef
                                                                     0.75
                                                                            61
                                                       1se
                                                                     0.75
## 1285
             filling_fq_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                            61
                                                                     0.75
## 1286
                         filling_fq_Snow_depth..1
                                                       1se
                                                              coef
                                                                            61
## 1287
                                                                     0.75
                              filling_length_days
                                                       1se
                                                              coef
                                                                            61
## 1288
                                                                     0.75
                                                              coef
                                                                            61
                         filling_since_nyear_days
                                                       1se
                                                                     0.75
## 1289
                          filling_since_seed_days
                                                       1se
                                                              coef
                                                                             8
## 1290
                                                                     0.75
              filling_sk_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                            61
## 1291
            filling_sk_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                     0.75
                                                                            61
## 1292
             filling_sk_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                     0.75
                                                                            61
## 1293
                                                                     0.75
                         filling_sk_Snow_depth..1
                                                       1se
                                                              coef
                                                                            61
## 1294
                               filling total prec
                                                       1se
                                                              coef
                                                                     0.75
                                                                            12
## 1295
                              generative_avg_temp
                                                       1se
                                                              coef
                                                                     0.75
                                                                             3
## 1296
           generative_fq_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                    0.75
                                                                            61
```

```
## 1297 generative_fq_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                     0.75
                                                                            61
         generative_fq_Precipitation_amount..40
                                                                     0.75
                                                                            61
## 1298
                                                       1se
                                                              coef
## 1299
                     generative_fq_Snow_depth..1
                                                       1se
                                                              coef
                                                                     0.75
                                                                             6
## 1300
                                                                     0.75
                                                       1se
                                                                             9
                           generative_length_days
                                                              coef
## 1301
                     generative_since_nyear_days
                                                       1se
                                                              coef
                                                                     0.75
                                                                            61
## 1302
                                                                     0.75
                      generative since seed days
                                                       1se
                                                              coef
                                                                            61
## 1303
                                                                     0.75
          generative sk Maximum temperature..31
                                                       1se
                                                              coef
                                                                            61
## 1304
        generative_sk_Precipitation_amount..0.1
                                                                     0.75
                                                       1se
                                                              coef
                                                                            61
  1305
         generative_sk_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                     0.75
                                                                            61
## 1306
                                                                     0.75
                     generative_sk_Snow_depth..1
                                                       1se
                                                              coef
                                                                            13
## 1307
                            generative_total_prec
                                                       1se
                                                              coef
                                                                     0.75
                                                                            10
## 1308
                                                                             2
                                                                     0.75
                                       NA_avg_temp
                                                       1se
                                                              coef
## 1309
                   NA_fq_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                     0.75
                                                                            61
## 1310
                  NA_fq_Minimum_temperature...15
                                                                     0.75
                                                       1se
                                                              coef
                                                                            61
## 1311
                                                                     0.75
                                                                             5
                 NA_fq_Precipitation_amount..0.1
                                                       1se
                                                              coef
## 1312
                  NA_fq_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                     0.75
                                                                            61
## 1313
                                                                     0.75
                              NA_fq_Snow_depth..1
                                                       1se
                                                              coef
                                                                            11
## 1314
                                                       1se
                                                              coef
                                                                     0.75
                                                                             7
                              NA_fq_Snow_depth..4
## 1315
                                                                     0.75
                                                       1se
                                                              coef
                                                                            61
                                   NA_length_days
## 1316
                   NA sk Maximum temperature..31
                                                       1se
                                                              coef
                                                                     0.75
## 1317
                  NA_sk_Minimum_temperature...15
                                                       1se
                                                              coef
                                                                     0.75
                                                                            61
## 1318
                 NA_sk_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                     0.75
                                                                            61
                                                                     0.75
## 1319
                  NA_sk_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                            61
## 1320
                                                              coef
                                                                     0.75
                              NA_sk_Snow_depth..1
                                                       1se
                                                                            61
## 1321
                                                                     0.75
                                                                            61
                              NA_sk_Snow_depth..4
                                                       1se
                                                              coef
## 1322
                                     NA_total_prec
                                                       1se
                                                              coef
                                                                     0.75
                                                                            61
## 1323
                                                       1se
                                                              coef
                                                                     0.75
                                                                            61
                              vegetative_avg_temp
  1324
                                                                     0.75
           vegetative_fq_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                            61
## 1325
        vegetative_fq_Precipitation_amount..0.1
                                                                     0.75
                                                       1se
                                                              coef
                                                                            61
                                                                     0.75
## 1326
         vegetative_fq_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                            61
## 1327
                     vegetative_fq_Snow_depth..1
                                                       1se
                                                              coef
                                                                     0.75
                                                                            61
## 1328
                     vegetative_fq_Snow_depth..4
                                                       1se
                                                              coef
                                                                     0.75
                                                                            61
## 1329
                                                                     0.75
                           vegetative_length_days
                                                       1se
                                                              coef
                                                                            61
## 1330
                                                              coef
                                                                     0.75
                                                                             4
                     vegetative_since_nyear_days
                                                       1se
   1331
           vegetative_sk_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                     0.75
                                                                            61
## 1332
        vegetative_sk_Precipitation_amount..0.1
                                                                     0.75
                                                       1se
                                                              coef
                                                                            61
## 1333
         vegetative sk Precipitation amount..40
                                                       1se
                                                              coef
                                                                     0.75
## 1334
                     vegetative_sk_Snow_depth..1
                                                       1se
                                                              coef
                                                                     0.75
                                                                            61
## 1335
                     vegetative_sk_Snow_depth..4
                                                              coef
                                                                     0.75
                                                                            61
                                                       1se
## 1336
                                                                     0.75
                                                                            61
                            vegetative_total_prec
                                                       1se
                                                              coef
## 1337
                                   critical events
                                                                     0.75
                                                       1se
                                                              coef
                                                                            61
## 1338
                                           filling
                                                       1se
                                                              coef
                                                                     0.75
                                                                            61
                                                                     0.75
## 1339
                                        generative
                                                       1se
                                                              coef
                                                                            61
                                                                     0.75
## 1340
                                                       1se
                                                              coef
                                                                            61
                                                NA.
## 1341
                                                                     0.75
                                        vegetative
                                                       1se
                                                              coef
                                                                            61
                                                                     0.75
## 1342
                                                              coef
                                               area
                                                       1se
                                                                             1
                                                                     0.75
## 1343
                                 filling_avg_temp
                                                       1se
                                                                s1
                                                                            61
## 1344
                                                                     0.75
              filling_fq_Maximum_temperature..31
                                                       1se
                                                                            61
## 1345
           filling_fq_Precipitation_amount..0.1
                                                       1se
                                                                s1
                                                                     0.75
                                                                            61
## 1346
             filling_fq_Precipitation_amount..40
                                                       1se
                                                                     0.75
                                                                            61
## 1347
                                                                    0.75
                         filling_fq_Snow_depth..1
                                                       1se
                                                                s1
                                                                            61
## 1348
                              filling length days
                                                       1se
                                                                s1
                                                                    0.75
                                                                            61
## 1349
                         filling_since_nyear_days
                                                                    0.75
                                                                            61
                                                       1se
                                                                s1
## 1350
                          filling_since_seed_days
                                                                s1
                                                                    0.75
                                                       1se
```

```
## 1351
              filling sk Maximum temperature..31
                                                       1se
                                                                    0.75
                                                                            61
## 1352
                                                                    0.75
                                                                            61
           filling_sk_Precipitation_amount..0.1
                                                       1se
                                                                s1
## 1353
             filling_sk_Precipitation_amount..40
                                                       1se
                                                                    0.75
                                                                            61
## 1354
                         filling_sk_Snow_depth..1
                                                                    0.75
                                                       1se
                                                                s1
                                                                            61
## 1355
                               filling_total_prec
                                                       1se
                                                                    0.75
                                                                             8
## 1356
                                                                    0.75
                              generative_avg_temp
                                                       1se
                                                                             9
## 1357
                                                                    0.75
          generative_fq_Maximum_temperature..31
                                                       1se
                                                                s1
                                                                            61
## 1358
                                                                    0.75
        generative_fq_Precipitation_amount..0.1
                                                       1se
                                                                s1
                                                                            61
  1359
         generative_fq_Precipitation_amount..40
                                                       1se
                                                                    0.75
                                                                            61
## 1360
                                                                    0.75
                     generative_fq_Snow_depth..1
                                                       1se
                                                                             7
## 1361
                           generative_length_days
                                                       1se
                                                                s1
                                                                    0.75
                                                                            10
## 1362
                                                                    0.75
                     generative_since_nyear_days
                                                       1se
                                                                s1
                                                                            61
##
  1363
                                                                    0.75
                      generative_since_seed_days
                                                       1se
                                                                            61
## 1364
                                                                    0.75
           generative_sk_Maximum_temperature..31
                                                       1se
## 1365
        generative_sk_Precipitation_amount..0.1
                                                                    0.75
                                                       1se
                                                                s1
                                                                            61
## 1366
         generative_sk_Precipitation_amount..40
                                                       1se
                                                                    0.75
                                                                            61
## 1367
                                                                    0.75
                     generative_sk_Snow_depth..1
                                                                            11
                                                       1se
## 1368
                            generative_total_prec
                                                                    0.75
                                                                             5
                                                       1se
## 1369
                                                                    0.75
                                                                             4
                                                       1se
                                       NA_avg_temp
                                                                s1
## 1370
                   NA fq Maximum temperature..31
                                                       1se
                                                                    0.75
                                                                            61
## 1371
                  NA_fq_Minimum_temperature...15
                                                       1se
                                                                    0.75
                                                                            61
## 1372
                                                                    0.75
                                                                             2
                 NA_fq_Precipitation_amount..0.1
                                                       1se
                                                                    0.75
## 1373
                                                                s1
                  NA fq Precipitation amount..40
                                                       1se
                                                                            61
## 1374
                                                                    0.75
                              NA_fq_Snow_depth..1
                                                       1se
                                                                            61
## 1375
                              NA_fq_Snow_depth..4
                                                       1se
                                                                s1
                                                                    0.75
                                                                             3
## 1376
                                   NA_length_days
                                                       1se
                                                                s1
                                                                    0.75
                                                                            61
## 1377
                   NA_sk_Maximum_temperature..31
                                                                    0.75
                                                       1se
                                                                s1
                                                                            61
## 1378
                                                                    0.75
                  NA_sk_Minimum_temperature...15
                                                       1se
                                                                            61
                                                                    0.75
## 1379
                 NA_sk_Precipitation_amount..0.1
                                                       1se
                                                                            61
## 1380
                  NA_sk_Precipitation_amount..40
                                                                    0.75
                                                                            61
                                                       1se
                                                                s1
## 1381
                              NA_sk_Snow_depth..1
                                                       1se
                                                                    0.75
                                                                            61
## 1382
                              NA_sk_Snow_depth..4
                                                       1se
                                                                s1
                                                                    0.75
                                                                            61
## 1383
                                                                    0.75
                                     NA_total_prec
                                                       1se
## 1384
                                                                    0.75
                                                                            61
                              vegetative_avg_temp
                                                       1se
                                                                s1
   1385
           vegetative_fq_Maximum_temperature..31
                                                                    0.75
                                                       1se
  1386
                                                                    0.75
##
        vegetative_fq_Precipitation_amount..0.1
                                                       1se
                                                                            61
## 1387
         vegetative_fq_Precipitation_amount..40
                                                       1se
                                                                    0.75
## 1388
                     vegetative_fq_Snow_depth..1
                                                                    0.75
                                                                            61
                                                       1se
                                                                s1
## 1389
                                                                    0.75
                                                                            61
                     vegetative_fq_Snow_depth..4
                                                       1se
## 1390
                                                                    0.75
                                                                            61
                           vegetative_length_days
                                                       1se
                                                                s1
## 1391
                                                                    0.75
                     vegetative since nyear days
                                                       1se
                                                                             6
## 1392
           vegetative sk Maximum temperature..31
                                                                    0.75
                                                                            61
                                                       1se
                                                                s1
                                                                    0.75
  1393
        vegetative_sk_Precipitation_amount..0.1
                                                       1se
                                                                            61
                                                                    0.75
## 1394
         vegetative_sk_Precipitation_amount..40
                                                                            61
                                                       1se
## 1395
                                                                    0.75
                     vegetative_sk_Snow_depth..1
                                                       1se
                                                                s1
                                                                            61
## 1396
                                                                    0.75
                                                                            61
                     vegetative_sk_Snow_depth..4
                                                       1se
                                                                s1
                                                                    0.75
## 1397
                            vegetative_total_prec
                                                       1se
                                                                            61
## 1398
                                                                    0.75
                                  critical_events
                                                       1se
                                                                            61
## 1399
                                           filling
                                                       1se
                                                                    0.75
                                                                            61
                                                                s1
## 1400
                                        generative
                                                       1se
                                                                    0.75
                                                                            61
## 1401
                                                                    0.75
                                                NA.
                                                       1se
                                                                s1
                                                                            61
## 1402
                                        vegetative
                                                       1se
                                                                    0.75
                                                                            61
## 1403
                                                                    0.75
                                                                             1
                                                       1se
                                                                s1
                                              area
## 1404
                                 filling_avg_temp
                                                       1se
                                                                    0.75
                                                                st.
```

```
## 1405
              filling_fq_Maximum_temperature..31
                                                       1se
                                                                    0.75
                                                                            61
           filling_fq_Precipitation_amount..0.1
## 1406
                                                                    0.75
                                                                            61
                                                       1se
## 1407
            filling_fq_Precipitation_amount..40
                                                       1se
                                                                    0.75
                                                                            61
## 1408
                         filling_fq_Snow_depth..1
                                                                    0.75
                                                       1se
                                                                            61
## 1409
                              filling_length_days
                                                       1se
                                                                    0.75
                                                                            61
## 1410
                                                                    0.75
                        filling since nyear days
                                                       1se
                                                                            61
## 1411
                                                                    0.75
                          filling_since_seed_days
                                                       1se
                                                                st
                                                                            61
## 1412
                                                                    0.75
              filling_sk_Maximum_temperature..31
                                                       1se
                                                                st.
                                                                            61
## 1413
           filling_sk_Precipitation_amount..0.1
                                                       1se
                                                                    0.75
                                                                            61
                                                                    0.75
## 1414
             filling_sk_Precipitation_amount..40
                                                       1se
                                                                            61
## 1415
                        filling_sk_Snow_depth..1
                                                       1se
                                                                    0.75
                                                                            61
                                                                st
## 1416
                                                                    0.75
                                                                             9
                               filling_total_prec
                                                       1se
##
  1417
                              generative_avg_temp
                                                       1se
                                                                    0.75
                                                                             5
## 1418
                                                                    0.75
           generative_fq_Maximum_temperature..31
                                                       1se
## 1419
        generative_fq_Precipitation_amount..0.1
                                                                    0.75
                                                       1se
                                                                st
                                                                            61
## 1420
         generative_fq_Precipitation_amount..40
                                                       1se
                                                                    0.75
                                                                            61
## 1421
                                                                    0.75
                                                                             7
                     generative_fq_Snow_depth..1
                                                       1se
## 1422
                           generative length days
                                                                    0.75
                                                                            10
                                                       1se
## 1423
                                                                    0.75
                     generative_since_nyear_days
                                                       1se
                                                                            61
                                                                st
## 1424
                      generative_since_seed_days
                                                       1se
                                                                    0.75
## 1425
           generative_sk_Maximum_temperature..31
                                                       1se
                                                                    0.75
                                                                            61
## 1426
        generative_sk_Precipitation_amount..0.1
                                                                    0.75
                                                       1se
                                                                st
                                                                            61
                                                                    0.75
## 1427
         generative_sk_Precipitation_amount..40
                                                       1se
                                                                            61
                                                                st
                     generative_sk_Snow_depth..1
## 1428
                                                                    0.75
                                                       1se
                                                                            11
## 1429
                            generative_total_prec
                                                       1se
                                                                st.
                                                                    0.75
                                                                             6
## 1430
                                       NA_avg_temp
                                                       1se
                                                                st.
                                                                    0.75
                                                                             4
## 1431
                   NA_fq_Maximum_temperature..31
                                                                    0.75
                                                                            61
                                                       1se
                                                                st
## 1432
                                                                    0.75
                  NA_fq_Minimum_temperature...15
                                                       1se
                                                                            61
## 1433
                                                                    0.75
                                                                             3
                 NA_fq_Precipitation_amount..0.1
                                                       1se
## 1434
                  NA_fq_Precipitation_amount..40
                                                                    0.75
                                                                            61
                                                       1se
                                                                st
## 1435
                              NA_fq_Snow_depth..1
                                                       1se
                                                                    0.75
                                                                            61
## 1436
                              NA_fq_Snow_depth..4
                                                       1se
                                                                st.
                                                                    0.75
                                                                             8
## 1437
                                    NA_length_days
                                                       1se
                                                                    0.75
## 1438
                                                                    0.75
                   NA_sk_Maximum_temperature..31
                                                                            61
                                                       1se
                                                                st
## 1439
                  NA sk Minimum temperature...15
                                                                    0.75
                                                                            61
                                                       1se
## 1440
                                                                    0.75
                 NA_sk_Precipitation_amount..0.1
                                                       1se
                                                                            61
## 1441
                  NA_sk_Precipitation_amount..40
                                                       1se
                                                                    0.75
## 1442
                              NA_sk_Snow_depth..1
                                                                    0.75
                                                                            61
                                                       1se
                                                                st.
## 1443
                              NA_sk_Snow_depth..4
                                                                    0.75
                                                                            61
                                                       1se
## 1444
                                                                    0.75
                                                                            61
                                     NA_total_prec
                                                       1se
                                                                st.
## 1445
                                                                    0.75
                              vegetative_avg_temp
                                                       1se
                                                                            61
## 1446
           vegetative_fq_Maximum_temperature..31
                                                                    0.75
                                                                            61
                                                       1se
                                                                    0.75
## 1447
        vegetative_fq_Precipitation_amount..0.1
                                                       1se
                                                                            61
                                                                    0.75
## 1448
         vegetative_fq_Precipitation_amount..40
                                                       1se
                                                                            61
## 1449
                                                                    0.75
                     vegetative_fq_Snow_depth..1
                                                       1se
                                                                st
                                                                            61
## 1450
                                                                    0.75
                                                                            61
                     vegetative_fq_Snow_depth..4
                                                       1se
                                                                st
                                                                    0.75
## 1451
                           vegetative_length_days
                                                       1se
                                                                            61
## 1452
                                                                    0.75
                                                                             2
                     vegetative_since_nyear_days
                                                       1se
## 1453
           vegetative_sk_Maximum_temperature..31
                                                       1se
                                                                    0.75
                                                                            61
                                                                st.
## 1454
        vegetative_sk_Precipitation_amount..0.1
                                                       1se
                                                                    0.75
                                                                            61
## 1455
         vegetative_sk_Precipitation_amount..40
                                                                    0.75
                                                                            61
                                                       1se
                                                                    0.75
## 1456
                     vegetative sk Snow depth..1
                                                       1se
                                                                            61
## 1457
                     vegetative_sk_Snow_depth..4
                                                                    0.75
                                                                            61
                                                       1se
                                                                st
## 1458
                            vegetative total prec
                                                       1se
                                                                    0.75
                                                                st.
```

```
## 1459
                                  critical_events
                                                       1se
                                                                     0.75
                                                                            61
## 1460
                                                                     0.75
                                                                            61
                                           filling
                                                       1se
## 1461
                                        generative
                                                       1se
                                                                     0.75
                                                                            61
## 1462
                                                                     0.75
                                                NA.
                                                       1se
                                                                st.
                                                                            61
                                        vegetative
## 1463
                                                       1se
                                                                     0.75
                                                                            61
## 1464
                                                                    0.75
                                              area
                                                       1se
                                                                st
                                                                             1
## 1465
                                                                     1.00
                                 filling avg temp
                                                       min
                                                              coef
                                                                            61
## 1466
              filling_fq_Maximum_temperature..31
                                                       min
                                                              coef
                                                                     1.00
                                                                            61
## 1467
           filling_fq_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                     1.00
                                                                            61
                                                                     1.00
## 1468
             filling_fq_Precipitation_amount..40
                                                       min
                                                              coef
                                                                             8
## 1469
                         filling_fq_Snow_depth..1
                                                       min
                                                              coef
                                                                     1.00
                                                                            61
## 1470
                                                                     1.00
                              filling_length_days
                                                       min
                                                              coef
                                                                            61
## 1471
                         filling_since_nyear_days
                                                       min
                                                              coef
                                                                     1.00
                                                                            61
## 1472
                          filling_since_seed_days
                                                                     1.00
                                                       min
                                                              coef
                                                                            10
## 1473
                                                                     1.00
                                                                             7
              filling_sk_Maximum_temperature..31
                                                       min
                                                              coef
## 1474
            filling_sk_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                     1.00
                                                                            61
## 1475
                                                                     1.00
             filling_sk_Precipitation_amount..40
                                                       min
                                                              coef
                                                                            61
## 1476
                         filling_sk_Snow_depth..1
                                                       min
                                                              coef
                                                                     1.00
## 1477
                                                                     1.00
                               filling_total_prec
                                                       min
                                                              coef
                                                                            15
## 1478
                              generative_avg_temp
                                                       min
                                                              coef
                                                                     1.00
                                                                             4
## 1479
           generative_fq_Maximum_temperature..31
                                                       min
                                                              coef
                                                                     1.00
                                                                            61
## 1480
        generative_fq_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                     1.00
## 1481
         generative_fq_Precipitation_amount..40
                                                              coef
                                                                    1.00
                                                       min
                                                                             1
                     generative_fq_Snow_depth..1
## 1482
                                                       min
                                                              coef
                                                                     1.00
                                                                            61
## 1483
                                                                     1.00
                                                                            61
                           generative_length_days
                                                       min
                                                              coef
## 1484
                     generative_since_nyear_days
                                                       min
                                                              coef
                                                                     1.00
                                                                            61
## 1485
                      generative_since_seed_days
                                                       min
                                                              coef
                                                                     1.00
                                                                            61
   1486
                                                                     1.00
           generative_sk_Maximum_temperature..31
                                                       min
                                                              coef
                                                                            61
## 1487
        generative_sk_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                     1.00
                                                                            61
## 1488
         generative_sk_Precipitation_amount..40
                                                       min
                                                              coef
                                                                     1.00
                                                                            19
## 1489
                     generative_sk_Snow_depth..1
                                                       min
                                                              coef
                                                                     1.00
                                                                            61
## 1490
                            generative_total_prec
                                                       min
                                                              coef
                                                                     1.00
                                                                            14
## 1491
                                                                     1.00
                                                                             6
                                       NA_avg_temp
                                                       min
                                                              coef
## 1492
                                                              coef
                                                                     1.00
                                                                             2
                   NA_fq_Maximum_temperature..31
                                                       min
## 1493
                  NA_fq_Minimum_temperature...15
                                                       min
                                                              coef
                                                                     1.00
                                                                            61
                                                                            12
## 1494
                                                       min
                                                                     1.00
                 NA_fq_Precipitation_amount..0.1
                                                              coef
## 1495
                  NA_fq_Precipitation_amount..40
                                                       min
                                                              coef
                                                                     1.00
## 1496
                              NA_fq_Snow_depth..1
                                                       min
                                                              coef
                                                                     1.00
                                                                            13
## 1497
                              NA_fq_Snow_depth..4
                                                       min
                                                              coef
                                                                     1.00
                                                                            17
## 1498
                                                       min
                                                              coef
                                                                     1.00
                                                                            61
                                    NA_length_days
## 1499
                                                                    1.00
                                                                             3
                   NA sk Maximum temperature..31
                                                       min
                                                              coef
## 1500
                  NA_sk_Minimum_temperature...15
                                                       min
                                                              coef
                                                                    1.00
                                                                            61
                                                                     1.00
## 1501
                 NA sk Precipitation amount..0.1
                                                       min
                                                              coef
                                                                            61
                                                                     1.00
## 1502
                  NA_sk_Precipitation_amount..40
                                                       min
                                                              coef
                                                                            61
## 1503
                                                                     1.00
                              NA_sk_Snow_depth..1
                                                       min
                                                              coef
                                                                            61
                                                                     1.00
## 1504
                              NA_sk_Snow_depth..4
                                                              coef
                                                                            61
                                                       min
## 1505
                                     NA_total_prec
                                                       min
                                                              coef
                                                                     1.00
                                                                            16
## 1506
                                                                     1.00
                                                                            61
                              vegetative_avg_temp
                                                       min
                                                              coef
## 1507
           vegetative_fq_Maximum_temperature..31
                                                       min
                                                              coef
                                                                     1.00
                                                                            61
## 1508
        vegetative_fq_Precipitation_amount..0.1
                                                       min
                                                              coef
                                                                     1.00
                                                                            61
## 1509
         vegetative_fq_Precipitation_amount..40
                                                                     1.00
                                                       min
                                                              coef
                                                                            61
## 1510
                                                                     1.00
                     vegetative_fq_Snow_depth..1
                                                       min
                                                              coef
                                                                            61
## 1511
                     vegetative_fq_Snow_depth..4
                                                       min
                                                              coef
                                                                    1.00
                                                                            61
## 1512
                           vegetative length days
                                                       min
                                                              coef
                                                                    1.00
```

```
## 1513
                     vegetative since nyear days
                                                                    1.00
                                                                             9
                                                       min
                                                              coef
## 1514
                                                                    1.00
                                                                            61
          vegetative_sk_Maximum_temperature..31
                                                       min
                                                              coef
## 1515
        vegetative sk Precipitation amount..0.1
                                                       min
                                                              coef
                                                                    1.00
                                                                            11
                                                                    1.00
  1516
         vegetative_sk_Precipitation_amount..40
                                                       min
                                                              coef
                                                                            61
  1517
                     vegetative_sk_Snow_depth..1
                                                       min
                                                              coef
                                                                    1.00
                                                                            61
## 1518
                                                       min
                                                                    1.00
                     vegetative sk Snow depth..4
                                                              coef
                                                                            61
## 1519
                                                                    1.00
                            vegetative total prec
                                                       min
                                                              coef
                                                                            18
## 1520
                                  critical events
                                                       min
                                                              coef
                                                                    1.00
                                                                            61
## 1521
                                           filling
                                                       min
                                                              coef
                                                                    1.00
                                                                            61
## 1522
                                                                    1.00
                                        generative
                                                       min
                                                              coef
                                                                            61
## 1523
                                               NA.
                                                       min
                                                              coef
                                                                    1.00
                                                                            61
## 1524
                                                                    1.00
                                        vegetative
                                                       min
                                                              coef
                                                                            61
## 1525
                                                       min
                                                              coef
                                                                    1.00
                                                                             5
                                              area
## 1526
                                                                    1.00
                                                                             4
                                 filling_avg_temp
                                                       min
## 1527
                                                                    1.00
                                                                            61
              filling_fq_Maximum_temperature..31
                                                       min
                                                                s1
## 1528
            filling_fq_Precipitation_amount..0.1
                                                                    1.00
                                                       min
## 1529
                                                                    1.00
                                                                            15
             filling_fq_Precipitation_amount..40
                                                       min
## 1530
                                                                    1.00
                                                                             5
                        filling_fq_Snow_depth..1
                                                       min
## 1531
                                                                    1.00
                              filling_length_days
                                                                            61
                                                       min
                                                                s1
## 1532
                        filling_since_nyear_days
                                                       min
                                                                    1.00
## 1533
                          filling_since_seed_days
                                                       min
                                                                    1.00
                                                                            27
## 1534
              filling_sk_Maximum_temperature..31
                                                                    1.00
                                                       min
## 1535
           filling_sk_Precipitation_amount..0.1
                                                                    1.00
                                                       min
                                                                s1
                                                                            61
## 1536
             filling sk Precipitation amount..40
                                                                    1.00
                                                       min
                                                                            61
                                                                s1
                                                                    1.00
                                                                            24
## 1537
                         filling_sk_Snow_depth..1
                                                       min
## 1538
                               filling_total_prec
                                                       min
                                                                s1
                                                                    1.00
                                                                             6
## 1539
                                                                    1.00
                                                                             2
                              generative_avg_temp
                                                       min
                                                                s1
  1540
                                                                    1.00
           generative_fq_Maximum_temperature..31
                                                       min
                                                                            19
## 1541
        generative_fq_Precipitation_amount..0.1
                                                                    1.00
                                                       min
                                                                            61
## 1542
         generative_fq_Precipitation_amount..40
                                                                    1.00
                                                                            14
                                                       min
                                                                s1
## 1543
                     generative_fq_Snow_depth..1
                                                       min
                                                                    1.00
## 1544
                           generative_length_days
                                                       min
                                                                    1.00
                                                                            61
## 1545
                                                                    1.00
                     generative_since_nyear_days
                                                       min
## 1546
                                                                    1.00
                      generative_since_seed_days
                                                                            61
                                                       min
                                                                s1
   1547
           generative_sk_Maximum_temperature..31
                                                                    1.00
                                                                            28
                                                       min
  1548
        generative_sk_Precipitation_amount..0.1
                                                                    1.00
                                                                            23
##
                                                       min
## 1549
         generative sk Precipitation amount..40
                                                       min
                                                                    1.00
## 1550
                     generative_sk_Snow_depth..1
                                                                    1.00
                                                                            61
                                                       min
                                                                s1
## 1551
                            generative_total_prec
                                                                    1.00
                                                       min
## 1552
                                                                    1.00
                                                                            17
                                       NA_avg_temp
                                                       min
                                                                s1
## 1553
                                                                    1.00
                   NA fq Maximum temperature..31
                                                       min
## 1554
                  NA fq Minimum temperature...15
                                                                    1.00
                                                                            61
                                                       min
                                                                s1
## 1555
                 NA_fq_Precipitation_amount..0.1
                                                       min
                                                                    1.00
                                                                             3
## 1556
                  NA_fq_Precipitation_amount..40
                                                                    1.00
                                                                            61
                                                       min
## 1557
                              NA_fq_Snow_depth..1
                                                       min
                                                                s1
                                                                    1.00
                                                                            11
## 1558
                              NA_fq_Snow_depth..4
                                                                    1.00
                                                                            61
                                                       min
                                                                s1
## 1559
                                   NA_length_days
                                                       min
                                                                    1.00
                                                                            61
## 1560
                                                                    1.00
                                                                            22
                   NA_sk_Maximum_temperature..31
                                                       min
## 1561
                  NA_sk_Minimum_temperature...15
                                                       min
                                                                    1.00
                                                                            61
                                                                s1
## 1562
                 NA_sk_Precipitation_amount..0.1
                                                                    1.00
                                                                            20
                                                       min
## 1563
                                                                    1.00
                  NA_sk_Precipitation_amount..40
                                                                            61
                                                       min
## 1564
                              NA_sk_Snow_depth..1
                                                       min
                                                                    1.00
                                                                             8
## 1565
                              NA_sk_Snow_depth..4
                                                                    1.00
                                                                            30
                                                       min
                                                                s1
## 1566
                                     NA total prec
                                                       min
                                                                s1
                                                                    1.00
```

```
## 1567
                                                                    1.00
                                                                            61
                              vegetative_avg_temp
                                                       min
## 1568
                                                                    1.00
                                                                            25
          vegetative_fq_Maximum_temperature..31
                                                       min
                                                                s1
        vegetative fq Precipitation amount..0.1
  1569
                                                       min
                                                                    1.00
                                                                            12
                                                                    1.00
  1570
         vegetative_fq_Precipitation_amount..40
                                                                            32
                                                       min
                                                                s1
   1571
                     vegetative_fq_Snow_depth..1
                                                       min
                                                                    1.00
                                                                            61
## 1572
                                                                    1.00
                     vegetative_fq_Snow_depth..4
                                                       min
                                                                            61
## 1573
                                                                    1.00
                           vegetative length days
                                                       min
                                                                s1
                                                                            61
## 1574
                                                                    1.00
                     vegetative_since_nyear_days
                                                       min
                                                                s1
                                                                             9
## 1575
           vegetative_sk_Maximum_temperature..31
                                                       min
                                                                    1.00
                                                                            33
                                                                    1.00
## 1576
        vegetative_sk_Precipitation_amount..0.1
                                                       min
                                                                             7
  1577
         vegetative_sk_Precipitation_amount..40
                                                       min
                                                                    1.00
                                                                            34
                                                                s1
## 1578
                                                                    1.00
                     vegetative_sk_Snow_depth..1
                                                       min
                                                                            61
## 1579
                     vegetative_sk_Snow_depth..4
                                                       min
                                                                    1.00
                                                                            61
## 1580
                                                                    1.00
                            vegetative_total_prec
                                                       min
                                                                            18
## 1581
                                  critical_events
                                                                    1.00
                                                       min
                                                                s1
                                                                            61
## 1582
                                           filling
                                                       min
                                                                    1.00
                                                                            21
## 1583
                                                                    1.00
                                        generative
                                                                            61
                                                       min
## 1584
                                                                    1.00
                                                                            13
                                               NA.
                                                       min
## 1585
                                                                    1.00
                                                                            61
                                        vegetative
                                                       min
                                                                s1
## 1586
                                              area
                                                       min
                                                                    1.00
                                                                             1
## 1587
                                 filling_avg_temp
                                                       min
                                                                    1.00
                                                                             3
## 1588
              filling_fq_Maximum_temperature..31
                                                                    1.00
                                                       min
## 1589
                                                                    1.00
           filling_fq_Precipitation_amount..0.1
                                                       min
                                                                            61
                                                                st
## 1590
                                                                    1.00
                                                                            21
             filling_fq_Precipitation_amount..40
                                                       min
## 1591
                                                                    1.00
                        filling_fq_Snow_depth..1
                                                       min
                                                                st.
                                                                             5
## 1592
                              filling_length_days
                                                       min
                                                                st.
                                                                    1.00
                                                                            61
## 1593
                                                                    1.00
                                                                            61
                        filling_since_nyear_days
                                                       min
                                                                st
## 1594
                                                                    1.00
                          filling_since_seed_days
                                                       min
                                                                            28
## 1595
                                                                    1.00
              filling_sk_Maximum_temperature..31
                                                       min
## 1596
            filling_sk_Precipitation_amount..0.1
                                                                    1.00
                                                                            61
                                                       min
                                                                st
## 1597
             filling_sk_Precipitation_amount..40
                                                       min
                                                                    1.00
                                                                            61
## 1598
                         filling_sk_Snow_depth..1
                                                       min
                                                                    1.00
                                                                            23
## 1599
                                                                    1.00
                                                                             7
                               filling_total_prec
                                                       min
## 1600
                                                                    1.00
                                                                            13
                              generative_avg_temp
                                                       min
                                                                st
   1601
           generative_fq_Maximum_temperature..31
                                                                    1.00
                                                                            18
                                                       min
        generative_fq_Precipitation_amount..0.1
                                                                    1.00
##
  1602
                                                       min
                                                                            61
  1603
         generative_fq_Precipitation_amount..40
                                                       min
                                                                    1.00
## 1604
                     generative_fq_Snow_depth..1
                                                                    1.00
                                                                            61
                                                       min
                                                                st.
## 1605
                           generative_length_days
                                                                    1.00
                                                       min
## 1606
                                                                    1.00
                                                                            61
                     generative_since_nyear_days
                                                       min
## 1607
                                                                    1.00
                      generative since seed days
                                                       min
                                                                            61
  1608
           generative_sk_Maximum_temperature..31
                                                                    1.00
                                                                            27
##
                                                       min
                                                                    1.00
   1609
        generative sk Precipitation amount..0.1
                                                       min
                                                                            24
                                                                    1.00
   1610
         generative_sk_Precipitation_amount..40
                                                       min
                                                                            31
## 1611
                                                                    1.00
                     generative_sk_Snow_depth..1
                                                       min
                                                                st
                                                                            61
## 1612
                                                                    1.00
                            generative_total_prec
                                                       min
                                                                            11
                                       NA_avg_temp
## 1613
                                                       min
                                                                    1.00
                                                                             2
## 1614
                                                                    1.00
                   NA_fq_Maximum_temperature..31
                                                       min
                                                                            32
## 1615
                  NA_fq_Minimum_temperature...15
                                                       min
                                                                    1.00
                                                                            61
                                                                st
## 1616
                 NA_fq_Precipitation_amount..0.1
                                                                    1.00
                                                                             4
                                                       min
## 1617
                                                                    1.00
                                                                            61
                  NA_fq_Precipitation_amount..40
                                                       min
## 1618
                              NA_fq_Snow_depth..1
                                                       min
                                                                    1.00
                                                                            17
## 1619
                              NA_fq_Snow_depth..4
                                                                    1.00
                                                                            61
                                                       min
                                                                st
## 1620
                                    NA length days
                                                                    1.00
                                                       min
```

```
## 1621
                   NA sk Maximum temperature..31
                                                                     1.00
                                                                            16
                                                       min
## 1622
                                                                     1.00
                                                                            61
                  NA_sk_Minimum_temperature...15
                                                       min
## 1623
                 NA sk Precipitation amount..0.1
                                                       min
                                                                     1.00
                                                                            12
## 1624
                                                                     1.00
                  NA_sk_Precipitation_amount..40
                                                       min
                                                                            61
##
  1625
                              NA_sk_Snow_depth..1
                                                       min
                                                                     1.00
                                                                            14
## 1626
                                                                     1.00
                              NA sk Snow depth..4
                                                       min
                                                                            29
## 1627
                                                                    1.00
                                     NA total prec
                                                       min
                                                                st
                                                                            10
## 1628
                              vegetative_avg_temp
                                                       min
                                                                st.
                                                                    1.00
                                                                            61
## 1629
           vegetative_fq_Maximum_temperature..31
                                                       min
                                                                     1.00
                                                                            26
## 1630
        vegetative_fq_Precipitation_amount..0.1
                                                       min
                                                                st
                                                                     1.00
                                                                            20
  1631
         vegetative_fq_Precipitation_amount..40
                                                       min
                                                                     1.00
                                                                            30
                                                                st
  1632
                                                                     1.00
##
                     vegetative_fq_Snow_depth..1
                                                       min
                                                                            61
##
  1633
                     vegetative_fq_Snow_depth..4
                                                                     1.00
                                                       min
                                                                            61
## 1634
                                                                     1.00
                           vegetative_length_days
                                                       min
                                                                            61
## 1635
                                                                     1.00
                                                                             8
                     vegetative_since_nyear_days
                                                       min
                                                                st
## 1636
           vegetative_sk_Maximum_temperature..31
                                                                     1.00
                                                                            33
                                                       min
                                                                     1.00
##
  1637
        vegetative_sk_Precipitation_amount..0.1
                                                                             9
                                                       min
   1638
         vegetative_sk_Precipitation_amount..40
                                                                     1.00
                                                                            34
                                                       min
  1639
                                                                     1.00
##
                     vegetative_sk_Snow_depth..1
                                                                            61
                                                       min
                                                                st
##
   1640
                     vegetative sk Snow depth..4
                                                       min
                                                                     1.00
## 1641
                            vegetative_total_prec
                                                       min
                                                                     1.00
                                                                            19
## 1642
                                   critical events
                                                                     1.00
                                                       min
                                                                st.
## 1643
                                                                    1.00
                                                                            25
                                           filling
                                                       min
                                                                st
## 1644
                                                                     1.00
                                                                            61
                                        generative
                                                       min
## 1645
                                                NA.
                                                       min
                                                                st.
                                                                     1.00
                                                                             6
## 1646
                                        vegetative
                                                       min
                                                                st
                                                                     1.00
                                                                            61
## 1647
                                                                     1.00
                                               area
                                                       min
                                                                st
                                                                             1
  1648
##
                                 filling_avg_temp
                                                       1se
                                                              coef
                                                                     1.00
                                                                            61
## 1649
                                                                     1.00
              filling_fq_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                            61
                                                              coef
## 1650
           filling_fq_Precipitation_amount..0.1
                                                                     1.00
                                                                            61
                                                       1se
## 1651
             filling_fq_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                     1.00
                                                                            61
## 1652
                         filling_fq_Snow_depth..1
                                                       1se
                                                              coef
                                                                     1.00
                                                                            61
## 1653
                                                                     1.00
                              filling_length_days
                                                       1se
                                                              coef
                                                                            61
## 1654
                                                              coef
                                                                     1.00
                         filling_since_nyear_days
                                                       1se
                                                                            61
                          filling_since_seed_days
  1655
                                                       1se
                                                              coef
                                                                     1.00
                                                                            61
## 1656
                                                                     1.00
              filling_sk_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                            61
## 1657
            filling sk Precipitation amount..0.1
                                                       1se
                                                              coef
                                                                     1.00
## 1658
             filling_sk_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                     1.00
                                                                            61
## 1659
                         filling_sk_Snow_depth..1
                                                              coef
                                                                     1.00
                                                       1se
## 1660
                                                                     1.00
                                                                            61
                               filling_total_prec
                                                       1se
                                                              coef
## 1661
                                                                    1.00
                                                                             3
                              generative_avg_temp
                                                       1se
                                                              coef
  1662
           generative_fq_Maximum_temperature..31
                                                              coef
                                                                    1.00
                                                                            61
##
                                                       1se
   1663
        generative_fq_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                     1.00
                                                                            61
##
   1664
         generative_fq_Precipitation_amount..40
                                                       1se
                                                                     1.00
                                                                            61
                                                              coef
## 1665
                                                                     1.00
                     generative_fq_Snow_depth..1
                                                       1se
                                                              coef
                                                                            61
                                                                     1.00
## 1666
                           generative_length_days
                                                                            61
                                                       1se
                                                              coef
## 1667
                     generative_since_nyear_days
                                                       1se
                                                              coef
                                                                     1.00
                                                                            61
## 1668
                                                                     1.00
                      generative_since_seed_days
                                                       1se
                                                              coef
                                                                            61
  1669
           generative_sk_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                     1.00
                                                                            61
   1670
        generative_sk_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                     1.00
                                                                            61
   1671
                                                                     1.00
##
         generative_sk_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                            61
## 1672
                     generative sk Snow depth..1
                                                       1se
                                                              coef
                                                                     1.00
                                                                            61
## 1673
                            generative_total_prec
                                                       1se
                                                              coef
                                                                    1.00
                                                                            61
## 1674
                                       NA_avg_temp
                                                       1se
                                                              coef
                                                                    1.00
                                                                             2
```

```
## 1675
                   NA_fq_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                    1.00
                                                                            61
## 1676
                                                                    1.00
                                                                            61
                  NA_fq_Minimum_temperature...15
                                                       1se
                                                              coef
## 1677
                 NA fq Precipitation amount..0.1
                                                       1se
                                                              coef
                                                                    1.00
                                                                             6
## 1678
                                                                    1.00
                  NA_fq_Precipitation_amount..40
                                                       1se
                                                                            61
                                                              coef
  1679
                              NA_fq_Snow_depth..1
                                                       1se
                                                              coef
                                                                    1.00
## 1680
                                                                    1.00
                              NA fq Snow depth..4
                                                       1se
                                                              coef
                                                                             5
## 1681
                                                                    1.00
                                   NA length days
                                                       1se
                                                              coef
                                                                            61
## 1682
                                                                    1.00
                   NA sk Maximum temperature..31
                                                       1se
                                                              coef
                                                                            61
## 1683
                  NA sk Minimum temperature...15
                                                       1se
                                                              coef
                                                                    1.00
                                                                            61
## 1684
                                                                    1.00
                                                                            61
                 NA_sk_Precipitation_amount..0.1
                                                       1se
                                                              coef
## 1685
                  NA_sk_Precipitation_amount..40
                                                       1se
                                                              coef
                                                                    1.00
                                                                            61
## 1686
                                                                    1.00
                                                                            61
                              NA_sk_Snow_depth..1
                                                       1se
                                                              coef
## 1687
                              NA_sk_Snow_depth..4
                                                       1se
                                                              coef
                                                                    1.00
                                                                            61
## 1688
                                                                    1.00
                                     NA_total_prec
                                                       1se
                                                              coef
## 1689
                                                                    1.00
                                                                            61
                              vegetative_avg_temp
                                                       1se
                                                              coef
## 1690
           vegetative_fq_Maximum_temperature..31
                                                       1se
                                                              coef
                                                                    1.00
                                                                            61
                                                                    1.00
## 1691
        vegetative_fq_Precipitation_amount..0.1
                                                       1se
                                                              coef
                                                                            61
                                                                    1.00
   1692
         vegetative_fq_Precipitation_amount..40
                                                       1se
                                                              coef
## 1693
                                                                    1.00
                     vegetative_fq_Snow_depth..1
                                                       1se
                                                              coef
                                                                            61
## 1694
                     vegetative_fq_Snow_depth..4
                                                       1se
                                                              coef
                                                                    1.00
## 1695
                           vegetative_length_days
                                                       1se
                                                              coef
                                                                    1.00
                                                                            61
## 1696
                                                       1se
                                                              coef
                                                                    1.00
                     vegetative_since_nyear_days
## 1697
                                                                    1.00
                                                                            61
           vegetative_sk_Maximum_temperature..31
                                                       1se
                                                              coef
## 1698
        vegetative sk Precipitation amount..0.1
                                                              coef
                                                                    1.00
                                                       1se
                                                                            61
## 1699
                                                                    1.00
                                                                            61
         vegetative_sk_Precipitation_amount..40
                                                       1se
                                                              coef
## 1700
                     vegetative_sk_Snow_depth..1
                                                       1se
                                                              coef
                                                                    1.00
                                                                            61
## 1701
                     vegetative_sk_Snow_depth..4
                                                       1se
                                                              coef
                                                                    1.00
                                                                            61
## 1702
                                                                    1.00
                            vegetative_total_prec
                                                       1se
                                                              coef
                                                                            61
## 1703
                                                                    1.00
                                                       1se
                                                                            61
                                  critical_events
                                                              coef
## 1704
                                                                    1.00
                                           filling
                                                       1se
                                                              coef
                                                                            61
## 1705
                                        generative
                                                       1se
                                                              coef
                                                                    1.00
                                                                            61
## 1706
                                                NA.
                                                       1se
                                                              coef
                                                                    1.00
                                                                            61
## 1707
                                                                    1.00
                                        vegetative
                                                       1se
                                                              coef
                                                                            61
## 1708
                                                                    1.00
                                                       1se
                                                              coef
                                                                             1
                                              area
## 1709
                                                       1se
                                                                    1.00
                                                                            61
                                 filling_avg_temp
## 1710
                                                                    1.00
              filling_fq_Maximum_temperature..31
                                                       1se
                                                                s1
                                                                            61
## 1711
            filling fq Precipitation amount..0.1
                                                       1se
                                                                    1.00
## 1712
             filling_fq_Precipitation_amount..40
                                                                    1.00
                                                                            61
                                                       1se
                                                                s1
## 1713
                         filling_fq_Snow_depth..1
                                                                    1.00
                                                       1se
## 1714
                                                                    1.00
                                                                            61
                              filling_length_days
                                                       1se
                                                                s1
## 1715
                                                                    1.00
                         filling since nyear days
                                                       1se
                                                                            61
## 1716
                          filling_since_seed_days
                                                                    1.00
                                                                            61
                                                       1se
                                                                s1
## 1717
              filling_sk_Maximum_temperature..31
                                                       1se
                                                                    1.00
                                                                            61
## 1718
            filling_sk_Precipitation_amount..0.1
                                                                    1.00
                                                       1se
## 1719
                                                                    1.00
             filling_sk_Precipitation_amount..40
                                                       1se
                                                                s1
                                                                            61
## 1720
                                                                    1.00
                         filling_sk_Snow_depth..1
                                                                            61
                                                       1se
                                                                s1
## 1721
                               filling_total_prec
                                                       1se
                                                                    1.00
                                                                            61
## 1722
                                                                    1.00
                                                                             4
                              generative_avg_temp
                                                       1se
## 1723
           generative_fq_Maximum_temperature..31
                                                       1se
                                                                s1
                                                                    1.00
                                                                            61
## 1724
        generative_fq_Precipitation_amount..0.1
                                                       1se
                                                                    1.00
## 1725
                                                                    1.00
         generative_fq_Precipitation_amount..40
                                                       1se
                                                                            61
## 1726
                     generative fq Snow depth..1
                                                       1se
                                                                    1.00
                                                                             8
## 1727
                           generative_length_days
                                                                    1.00
                                                                            61
                                                       1se
                                                                s1
## 1728
                     generative since nyear days
                                                       1se
                                                                s1
                                                                    1.00
```

```
## 1729
                      generative_since_seed_days
                                                       1se
                                                                    1.00
                                                                            61
## 1730
                                                                    1.00
                                                                            61
          generative_sk_Maximum_temperature..31
                                                       1se
                                                                s1
## 1731 generative sk Precipitation amount..0.1
                                                       1se
                                                                    1.00
                                                                            61
                                                                    1.00
  1732
         generative_sk_Precipitation_amount..40
                                                       1se
                                                                s1
                                                                            61
  1733
                     generative_sk_Snow_depth..1
                                                       1se
                                                                    1.00
                                                                            61
## 1734
                                                                    1.00
                            generative total prec
                                                       1se
                                                                             7
## 1735
                                                                    1.00
                                                                             2
                                       NA_avg_temp
                                                       1se
                                                                s1
                                                                    1.00
## 1736
                   NA_fq_Maximum_temperature..31
                                                       1se
                                                                s1
                                                                            61
## 1737
                  NA_fq_Minimum_temperature...15
                                                       1se
                                                                    1.00
                                                                            61
                                                                    1.00
## 1738
                 NA_fq_Precipitation_amount..0.1
                                                       1se
                                                                             3
## 1739
                  NA_fq_Precipitation_amount..40
                                                       1se
                                                                    1.00
                                                                            61
                                                                s1
## 1740
                                                                    1.00
                              NA_fq_Snow_depth..1
                                                       1se
                                                                s1
                                                                            61
                              NA_fq_Snow_depth..4
## 1741
                                                                    1.00
                                                                             6
                                                       1se
## 1742
                                   NA_length_days
                                                                    1.00
                                                       1se
                                                                            61
## 1743
                                                                    1.00
                   NA_sk_Maximum_temperature..31
                                                       1se
                                                                s1
                                                                            61
## 1744
                  NA_sk_Minimum_temperature...15
                                                       1se
                                                                    1.00
                                                                            61
## 1745
                                                                    1.00
                 NA_sk_Precipitation_amount..0.1
                                                                            61
                                                       1se
## 1746
                  NA_sk_Precipitation_amount..40
                                                                    1.00
                                                       1se
## 1747
                                                                    1.00
                              NA_sk_Snow_depth..1
                                                                            61
                                                       1se
                                                                s1
## 1748
                              NA_sk_Snow_depth..4
                                                       1se
                                                                    1.00
## 1749
                                     NA_total_prec
                                                       1se
                                                                    1.00
                                                                            61
## 1750
                                                                    1.00
                              vegetative_avg_temp
                                                       1se
## 1751
                                                                    1.00
           vegetative_fq_Maximum_temperature..31
                                                                s1
                                                                            61
                                                       1se
## 1752
        vegetative_fq_Precipitation_amount..0.1
                                                                    1.00
                                                       1se
                                                                            61
                                                                s1
                                                                    1.00
                                                                            61
## 1753
         vegetative_fq_Precipitation_amount..40
                                                       1se
## 1754
                     vegetative_fq_Snow_depth..1
                                                       1se
                                                                s1
                                                                    1.00
                                                                            61
## 1755
                                                                    1.00
                                                                            61
                     vegetative_fq_Snow_depth..4
                                                       1se
                                                                s1
## 1756
                                                                    1.00
                           vegetative_length_days
                                                       1se
                                                                            61
## 1757
                                                                    1.00
                                                                             5
                     vegetative_since_nyear_days
                                                       1se
## 1758
           vegetative_sk_Maximum_temperature..31
                                                                    1.00
                                                                            61
                                                       1se
                                                                s1
## 1759
        vegetative_sk_Precipitation_amount..0.1
                                                       1se
                                                                    1.00
                                                                            61
  1760
         vegetative_sk_Precipitation_amount..40
                                                       1se
                                                                    1.00
                                                                            61
## 1761
                     vegetative_sk_Snow_depth..1
                                                       1se
                                                                    1.00
## 1762
                                                                    1.00
                     vegetative_sk_Snow_depth..4
                                                                            61
                                                       1se
                                                                s1
                            vegetative_total_prec
## 1763
                                                                    1.00
                                                       1se
## 1764
                                                                    1.00
                                  critical_events
                                                       1se
                                                                            61
## 1765
                                           filling
                                                       1se
                                                                    1.00
## 1766
                                                                    1.00
                                                                            61
                                        generative
                                                       1se
                                                                s1
## 1767
                                                                    1.00
                                               NA.
                                                       1se
## 1768
                                                                    1.00
                                                                            61
                                        vegetative
                                                       1se
                                                                s1
## 1769
                                                                    1.00
                                              area
                                                       1se
                                                                             1
## 1770
                                                                    1.00
                                                                            61
                                 filling_avg_temp
                                                       1se
## 1771
              filling_fq_Maximum_temperature..31
                                                       1se
                                                                    1.00
                                                                            61
                                                                    1.00
## 1772
            filling_fq_Precipitation_amount..0.1
                                                                            61
                                                       1se
## 1773
                                                                    1.00
             filling_fq_Precipitation_amount..40
                                                       1se
                                                                st
                                                                            61
## 1774
                                                                    1.00
                                                                            61
                         filling_fq_Snow_depth..1
                                                       1se
## 1775
                              filling_length_days
                                                       1se
                                                                    1.00
                                                                            61
## 1776
                                                                    1.00
                         filling_since_nyear_days
                                                       1se
                                                                            61
## 1777
                          filling_since_seed_days
                                                       1se
                                                                    1.00
                                                                            61
                                                                st.
## 1778
              filling_sk_Maximum_temperature..31
                                                       1se
                                                                    1.00
                                                                            61
## 1779
                                                                    1.00
           filling_sk_Precipitation_amount..0.1
                                                                            61
                                                       1se
## 1780
             filling_sk_Precipitation_amount..40
                                                       1se
                                                                    1.00
                                                                            61
## 1781
                         filling_sk_Snow_depth..1
                                                                    1.00
                                                                            61
                                                       1se
                                                                st
## 1782
                               filling total prec
                                                       1se
                                                                    1.00
                                                                            61
```

```
## 1783
                                                                    1.00
                                                                            6
                              generative_avg_temp
                                                       1se
                                                                    1.00
## 1784
          generative_fq_Maximum_temperature..31
                                                                           61
                                                       1se
        generative fq Precipitation amount..0.1
## 1785
                                                       1se
                                                                    1.00
                                                                            61
## 1786
         generative_fq_Precipitation_amount..40
                                                                    1.00
                                                       1se
                                                                            61
## 1787
                     generative_fq_Snow_depth..1
                                                       1se
                                                                    1.00
                                                                            8
## 1788
                           generative_length_days
                                                                    1.00
                                                                           61
                                                       1se
## 1789
                     generative since nyear days
                                                       1se
                                                                    1.00
                                                                            61
                                                                st
## 1790
                      generative_since_seed_days
                                                       1se
                                                                st
                                                                    1.00
                                                                            61
## 1791
          generative_sk_Maximum_temperature..31
                                                                    1.00
                                                                            61
                                                       1se
                                                                st.
## 1792
        generative_sk_Precipitation_amount..0.1
                                                       1se
                                                                    1.00
                                                                            61
## 1793
         generative_sk_Precipitation_amount..40
                                                                    1.00
                                                                            61
                                                       1se
                                                                st
## 1794
                                                                    1.00
                     generative_sk_Snow_depth..1
                                                       1se
                                                                            61
## 1795
                            generative_total_prec
                                                                    1.00
                                                                            7
                                                       1se
## 1796
                                                                            2
                                      NA_avg_temp
                                                       1se
                                                                    1.00
## 1797
                                                                    1.00
                   NA_fq_Maximum_temperature..31
                                                       1se
                                                                st
                                                                            61
## 1798
                  NA_fq_Minimum_temperature...15
                                                                    1.00
                                                       1se
                                                                            5
## 1799
                 NA_fq_Precipitation_amount..0.1
                                                                    1.00
                                                       1se
## 1800
                  NA_fq_Precipitation_amount..40
                                                                    1.00
                                                       1se
                                                                            61
## 1801
                                                                    1.00
                              NA_fq_Snow_depth..1
                                                                            61
                                                       1se
                                                                st
## 1802
                              NA_fq_Snow_depth..4
                                                       1se
                                                                    1.00
                                                                            4
## 1803
                                   NA_length_days
                                                       1se
                                                                    1.00
                                                                           61
## 1804
                                                                    1.00
                   NA_sk_Maximum_temperature..31
                                                       1se
                                                                st
                                                                            61
                                                                    1.00
## 1805
                  NA_sk_Minimum_temperature...15
                                                                            61
                                                       1se
                                                                st
                                                                    1.00
## 1806
                 NA sk Precipitation amount..0.1
                                                       1se
                                                                            61
                  NA_sk_Precipitation_amount..40
## 1807
                                                       1se
                                                                st.
                                                                    1.00
                                                                            61
## 1808
                              NA_sk_Snow_depth..1
                                                       1se
                                                                st.
                                                                    1.00
                                                                            61
## 1809
                                                                    1.00
                              NA_sk_Snow_depth..4
                                                       1se
                                                                            61
## 1810
                                    NA_total_prec
                                                       1se
                                                                    1.00
                                                                            61
## 1811
                                                                    1.00
                              vegetative_avg_temp
                                                       1se
                                                                            61
## 1812
                                                                    1.00
          vegetative_fq_Maximum_temperature..31
                                                       1se
                                                                st
                                                                            61
## 1813
        vegetative_fq_Precipitation_amount..0.1
                                                       1se
                                                                    1.00
## 1814
         vegetative_fq_Precipitation_amount..40
                                                                    1.00
                                                                            61
                                                       1se
                                                                st.
## 1815
                     vegetative_fq_Snow_depth..1
                                                                    1.00
                                                                            61
                                                       1se
## 1816
                                                                    1.00
                     vegetative_fq_Snow_depth..4
                                                                            61
                                                       1se
                                                                st
## 1817
                           vegetative_length_days
                                                                    1.00
                                                       1se
                                                                            61
## 1818
                                                                    1.00
                     vegetative_since_nyear_days
                                                       1se
                                                                            3
## 1819
          vegetative sk Maximum temperature..31
                                                       1se
                                                                    1.00
## 1820
        vegetative_sk_Precipitation_amount..0.1
                                                                    1.00
                                                                            61
                                                       1se
                                                                st
         vegetative_sk_Precipitation_amount..40
                                                                    1.00
## 1821
                                                       1se
                                                                st.
                                                                            61
## 1822
                                                                    1.00
                     vegetative_sk_Snow_depth..1
                                                                            61
                                                       1se
                                                                st
## 1823
                                                                    1.00
                     vegetative_sk_Snow_depth..4
                                                       1se
                                                                st
                                                                            61
## 1824
                            vegetative_total_prec
                                                                    1.00
                                                       1se
                                                                            61
## 1825
                                  critical_events
                                                       1se
                                                                    1.00
                                                                            61
## 1826
                                                                    1.00
                                           filling
                                                       1se
                                                                st
                                                                            61
## 1827
                                        generative
                                                       1se
                                                                    1.00
                                                                            61
                                                                st
## 1828
                                                                    1.00
                                               NA.
                                                       1se
                                                                st
                                                                            61
## 1829
                                        vegetative
                                                       1se
                                                                    1.00
                                                                            61
## 1830
                                              area
                                                       1se
                                                                    1.00
                                                                             1
```

Visualization of variance along alpha path, with ranks estimation based on S1,ST and COEF.

