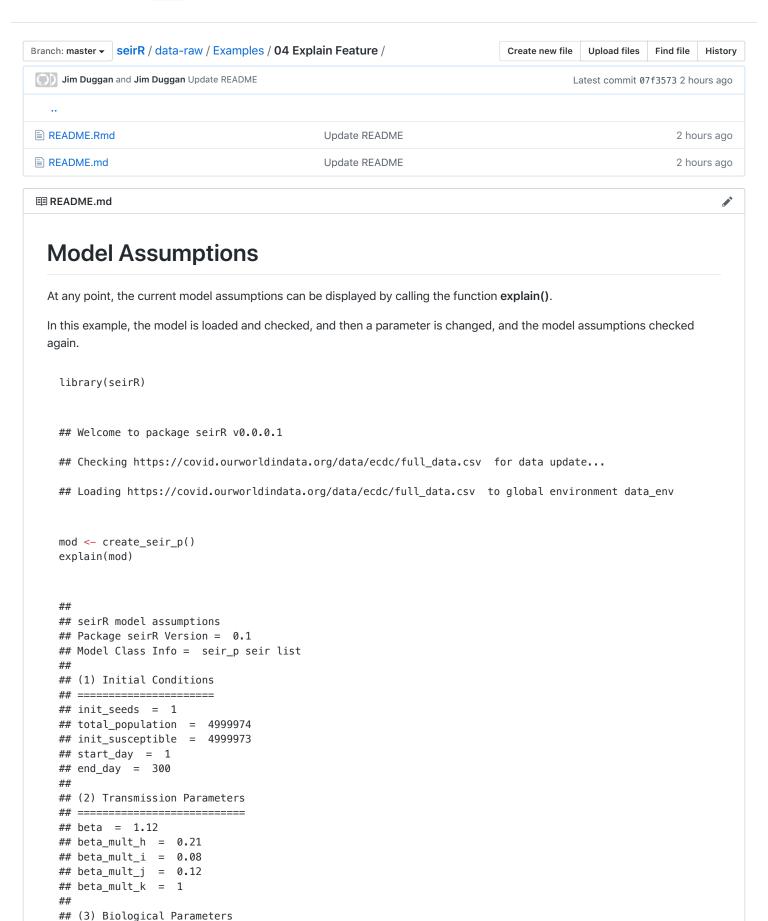
↑ JimDuggan / seirR Private



```
## incubation_period = 5.19
## latent_period = 3.55
## infectious_period = 4.13
## (4) Pathway Flow Parameters
## ==========
## prop_asymptomatic = 0.25
## prop_tested = 0.88
## prop_quarantined = 0.05
## prop_hospital = 0
## fraction_hosp_severe = 0
## fraction_risk_group = 0
##
## (5) Physcial Distancing Parameters
## ===========
## distancing_flag = 0
## pd_percentage_reduction = 0.6
## pd_start_time = 20
## pd_end_time = 300
## pd_start_delay = 1
## (6) Health System Parameters
## avr HLOS = 15
## avr_results_wait = 2
## icu_residency = 10
## icu_capacity = 250
```

Change a parameter and call explain() again (see parameter distancing_flag has changed)

```
mod <- set_param(mod,"distancing_flag",1)</pre>
explain(mod)
## seirR model assumptions
## Package seirR Version = 0.1
## Model Class Info = seir_p seir list
## (1) Initial Conditions
## =========
## init_seeds = 1
## total_population = 4999974
## init_susceptible = 4999973
## start_day = 1
## end_day = 300
##
## (2) Transmission Parameters
## =========
## beta = 1.12
## beta mult h = 0.21
## beta_mult_i = 0.08
## beta mult j = 0.12
## beta mult k = 1
## (3) Biological Parameters
## ==========
## incubation_period = 5.19
## latent_period = 3.55
## infectious_period = 4.13
##
## (4) Pathway Flow Parameters
## =========
## prop_asymptomatic = 0.25
```

```
## prop_tested = 0.88
## prop_quarantined = 0.05
## prop_hospital = 0
## fraction_hosp_severe = 0
## fraction_risk_group = 0
## (5) Physcial Distancing Parameters
## ============
## distancing_flag = 1
## pd_percentage_reduction = 0.6
## pd_start_time = 20
## pd_end_time = 300
## pd_start_delay = 1
##
## (6) Health System Parameters
## avr_HLOS = 15
## avr_results_wait = 2
## icu_residency = 10
## icu_capacity = 250
```