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{"irModel": {
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  "stateVariables": [{"name": "P", "label": "P", "type": "float", "initial_value":
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  "events": [],
  "constants": [],
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  "rateRewards": [],
  "impulseRewards": [],
  "composedRewards": []
}}

```

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{"irModel": {
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  "constants": [],
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  "impulseRewards": [],
  "composedRewards": []
}}

```

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{"irModel": {
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  "expressions": [],
  "rateRewards": [],
  "impulseRewards": [],
  "composedRewards": []
}}

```

```

{"irModel": {
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    {"name": "I", "label": "I", "type": "float", "initial_value":
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  "events": [{"name": "infect", "label": "infect", "rate": "beta*S*I/(total_pop)",
    "input_predicate": "", "output_predicate": ""}],
  "constants": [{"name": "beta", "value": "1/3 * 1.24"}],
  "expressions": [{"name": "total_pop", "value": "S_P + I_P + R_P"}],
  "rateRewards": [],
  "impulseRewards": [],
  "composedRewards": []
}}

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{"irModel": {
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"0"}]},
  "events": [{ "name": "cure", "label": "cure", "rate": "gamma*I",
               "input_predicate": "", "output_predicate": ""}],
  "constants": [{ "name": "gamma", "value": "1/3"}],
  "expressions": [],
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  "impulseRewards": [],
  "composedRewards": []
}}

```

```

{"irModel": {
  "irModelName": "SIRRewards",
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  "events": [],
  "constants": [],
  "expressions": [],
  "rateRewards": [{ "name": "rvI", "variable": "I_P", "temporalType": "instantoftime",
                    "samplingpoints": [{ "time": "0.0"}, {"time": "5.0"}, {"time":
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                                { "time": "15.0"}, {"time": "20.0"}, {"time":
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                                { "time": "60.0"}, {"time": "65.0"}, {"time":
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"100.0"}]}]},
  "impulseRewards": [],
  "composedRewards": []
}}

```