GUIDING THE MITIGATION OF EPIDEMICS WITH REINFORCEMENT LEARNING

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Why the Global Recession Could Last a Long Time
EPIDEMIOLOGICAL MODELS
REINFORCEMENT LEARNING (RL)

Environment

Action

Agent

State/Reward
DEEP REINFORCEMENT LEARNING
DEEP RL FOR EPIDEMIC CONTROL

Environment

Action

Agent

State/Reward

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DEEP RL FOR EPIDEMIC CONTROL

![Diagram of Agent, Environment, Action, State/Reward relationship]

- **Agent** interacts with the **Environment** through an **Action**.
- The environment provides a **State/Reward** to the agent.

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**Map of Countries:**
- England
- Wales
- Scotland
REFERENCES

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THANK YOU! ANY QUESTIONS?

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