## Two challenges from neuroscience

## 1 The brain *does* cause behavior

- 1. Punishment is justified only if those who are punished are the causes of the behavior that is punished.
- 2. If the brain causes behavior, then the person does not.
- 3. Neuroscience will show that all behavior is caused by the brain.
- 4. Therefore, neuroscience will show that punishment is never justified.

## 2 Beliefs do not cause behavior

- 1. Punishment is justified only if those who are punished are rational.
- 2. People are rational only if (a) they can have accurate beliefs about the law and their behavior and (b) they are capable of acting on those beliefs.
- 3. Neuroscience will show that beliefs play no role in causing behavior.
- 4. Therefore, neuroscience will show that punishment is never justified.