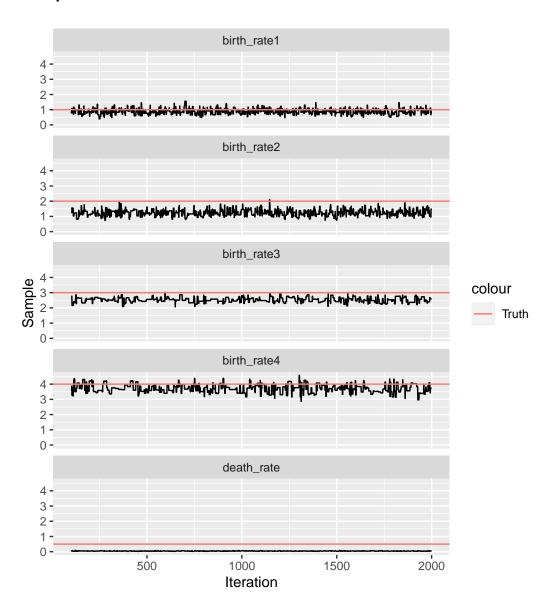
## **Traceplots**



## **Summaries**

| Parameter      | n    | ESS | Acceptance | Q 25% | Median | Q 75% | Truth | Relative error | Coverage |
|----------------|------|-----|------------|-------|--------|-------|-------|----------------|----------|
| birth_rate1    | 2001 | 313 | 0.44       | 0.57  | 0.87   | 1.27  | 1.0   | 0.13           | TRUE     |
| $birth\_rate2$ | 2001 | 445 | 0.38       | 0.88  | 1.23   | 1.70  | 2.0   | 0.38           | FALSE    |
| $birth\_rate3$ | 2001 | 238 | 0.16       | 2.22  | 2.52   | 2.87  | 3.0   | 0.16           | FALSE    |
| $birth\_rate4$ | 2001 | 209 | 0.19       | 3.19  | 3.68   | 4.23  | 4.0   | 0.08           | TRUE     |
| $death\_rate$  | 2001 | 430 | 0.56       | 0.02  | 0.04   | 0.07  | 0.5   | 0.92           | FALSE    |

## Densities

