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Brazil's resolutions to regulate the sale of antibiotics: Impact on consumption and *Escherichia coli* resistance rates

Brazil's resolutions for antibiotic consumption

(Short running title)

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Highlights

- In 2010 and 2011, two resolutions to regulate antibiotic sales were issued in Brazil
- From 2008 to 2011, sales of all antibiotics examined increased, except nitrofurans
- Antibiotic sales decreased between 11.1% and 19.4% in 2012
- Resistance rates increased for almost all the antibiotic classes tested
- Bacterial resistance does not seem to be influenced by the resolutions

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