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When zombies attack! Mathematical modelling of an outbreak of zombie infection

An outbreak of zombification wreaked havoc recently in Canada and the rest of the world. Mathematical models were created to establish the speed of zombie infection and evaluate potential scenarios for intervention, mainly because mathematicians don't have anything better to do with their time. Anecdotal evidence suggests that zombies can be defeated by guns, the army, eventual starvation or Dire Straits records. Should we be unable to contain the outbreak, we face the extreme possibility of a world whose population is made up entirely of mathematicians and zombies. One of these groups spends all its time lurking in the darkness, with wild eyes, hair askew and brains that don't work like those of normal humans. And the other group is the zombies.