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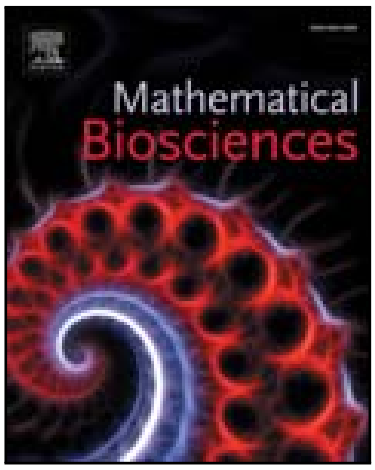

Competition Between Low and High Pathogenicity Avian Influenza in a Two-Patch System

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Highlights

- A model containing low and high pathogenic avian influenza with two patches and migration is proposed to study the competition between the strains.
- In general, migration increases the abundance of poultry infected with HPAI strain.
- Migration affects the region of coexistence in both patches.

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