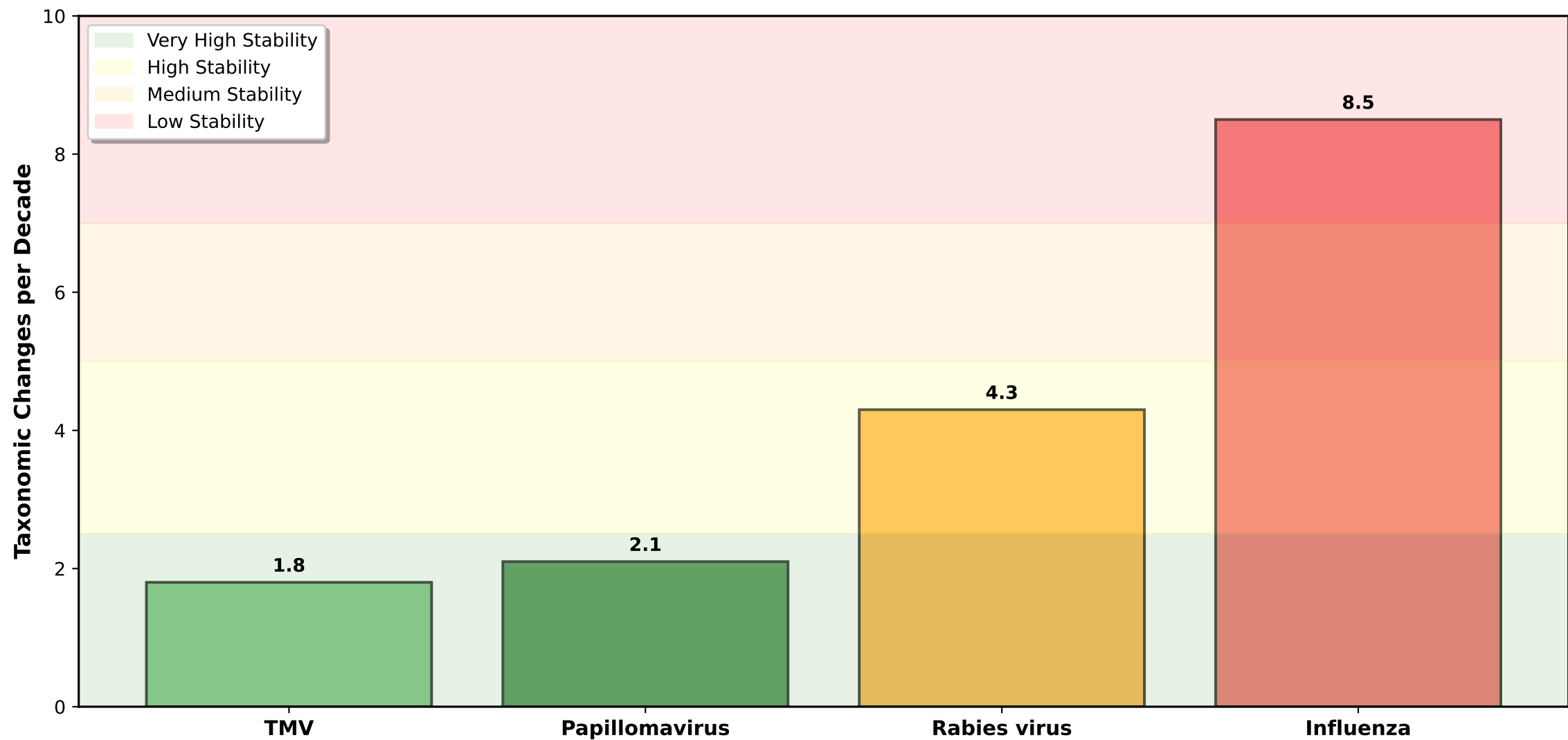


Case Study: Taxonomic Stability Varies with Host Range

Real Examples from ICTV Data



TMV
Solanaceae plants
(specialist)

Papillomavirus
Host-specific (coevolved)
(ultra-specialist)

Rabies virus
All mammals
(intermediate)

Influenza
Multiple animal species
(generalist)

Viruses are ordered from most stable (left) to least stable (right)
Color indicates host range category: Green = Specialist, Red = Generalist