

## Triggers and Blockers as Domain Edges

Phonological processes are commonly described in terms of triggers, targets, and blockers. The trigger spreads its feature to targets; if a blocker intervenes, spreading terminates. The categories remain discrete and the division of labor is clear.

More recently documented patterns, however, do not fit so neatly. *Sour Grapes* (Padgett 1995; Wilson 2003), *Use It or Lose It* (Mullin & Pater 2015), and *Icy Targets* (Jurgec 2011) place contradictory demands on the traditional categories. In *Sour Grapes*, the presence of a blocker causes spreading to fail entirely, even to licit targets that could otherwise undergo the process. In *Use It or Lose It*, a segment spreads a feature value yet surfaces as the recessive value when spreading fails. In *Icy Targets*, a segment receives the spreading feature yet halts further propagation, simultaneously acting as a target and blocker.

I propose that triggers and blockers are better understood as domain edges, segments that mark the boundaries of a subdomain within which phonological changes occur.

The typological variation then reduces to a single parameter: whether a given edge segment falls inside or outside its own domain. When inside, the segment participates in harmony; when outside, it does not. Full harmony, partial harmony, *Use It or Lose It*, *Icy Targets*, and *Sour Grapes* all reduce to different configurations of edge placement. I illustrate this analysis through a Substance-Free Logical Phonology (*e.g.*, Bale et al. 2014; Dabbous et al. 2024; Gorman and Reiss 2025a,b) implementation across diverse ATR harmony systems.

## References

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