

Turkey Movement:

- 14 movements per day, 365 days Walking
 - Foraging-Loafing
 - Walking
 - Distance: 241 m/hr
 - Turn Angle: 46°
- Foraging-Loafing

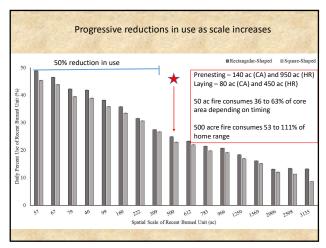
 Distance: 76 m/hr
 Turn Angle: 103°
Used 153 females and their individual behaviors to "teach" model

"All science, measured against reality, is primitive and child-like – and yet it is the most precious thing we have" – Albert Einstein



"One of the most insidious and nefarious properties of scientific models is their tendency to take over, and sometimes supplant, reality" -**Erwin Chargaff**

25



26

The Take Home?

- Turkeys maintain defined home ranges, don't leave ranges under stress or disturbance
- Allometrically scaled can only use so much space
- Basics of range use supports model results
- · Does a "sweet spot" exist for fires? Unlikely...
- Do we understand indirect effects of fire? Not yet...

