SPECIAL SECTION

Prediction

INTRODUCTION
468 Prediction and its limits

NEWS
470 The pulse of the people
By J. Bohannon

ESSAYS
474 Predicting armed conflict: Time to adjust our expectations?
L.-E. Cederman and N. B. Weidmann

477 Data-driven predictions in the science of science
A. Clauset et al.

481 Bringing probability judgments into policy debates via forecasting tournaments
P. E. Tetlock et al.

483 Beyond prediction: Using big data for policy problems
S. Athey

486 Prediction and explanation in social systems J. M. Hofman et al.

489 Predicting human behavior: The next frontiers
V. S. Subrahmanian and S. Kumar

SEE ALSO
▶ REPORT P. 515 ▶ PODCAST

ON THE COVER
A crystal ball is surrounded by a visual representation of the application of a predictive algorithm's results. Decision-makers at all levels would love to know about the future effects of current decisions. This special issue focuses on what we currently can (and cannot) predict using the emerging conjunction of machine learning, big data, and human understanding. See page 468. Illustration: C. Bickel/Science; Data visualization: Mauro Martino/IBM Research and Northeastern University

NEWS

IN BRIEF
436 News at a glance

IN DEPTH
439 IMMIGRATION ORDER THREATENS OVERSEAS TALENT
Trump's rule barring U.S. entry from seven countries hits scientists—and science—hard
By R. Stone and M. Wadman

440 MEXICAN SCIENTISTS FEEL THE TRUMP EFFECT
Economic crisis, border wall threaten collaborations
By L. Wade

444 MARS ROVER STEPS UP HUNT FOR MOLECULAR SIGNS OF LIFE
Balky drill could hamper Curiosity's "wet" chemistry test
By P. Voosen

FEATURE
446 ON MESSAGE
Moderna Therapeutics has raised nearly $2 billion to turn RNA into a new kind of drug. Can it live up to the hype? By K. Servick

INSIGHTS

POLICY FORUM
452 AN ECOSYSTEM-BASED DEEP-OCEAN STRATEGY
Monitoring and assessment must underpin development of a new international agreement
By R. Danovaro et al.

PERSPECTIVES
455 RESTORING TROPICAL FORESTS FROM THE BOTTOM UP
How can ambitious forest restoration targets be implemented on the ground?
By K. D. Holl

457 SYNAPTIC SCALING IN SLEEP
The structure of synapses changes during sleep
By L. Acsády and K. D. Harris
▶ REPORTS PP. 507 & 511
Science 355 (6324), 435-542.