

# **SIDELINED**

**ALICIA ROTTKE FITZPATRICK**

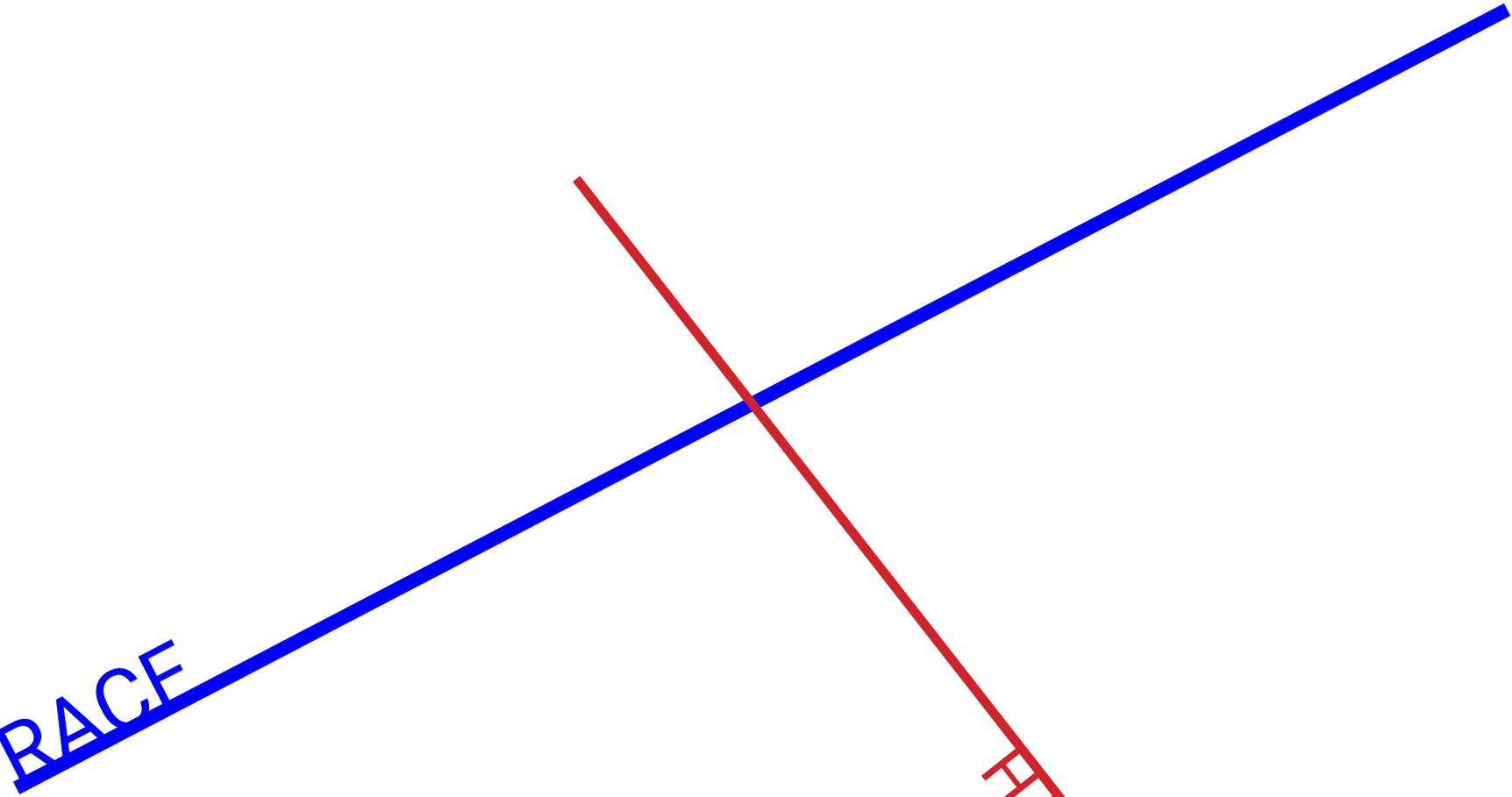
ALGORITHMIX

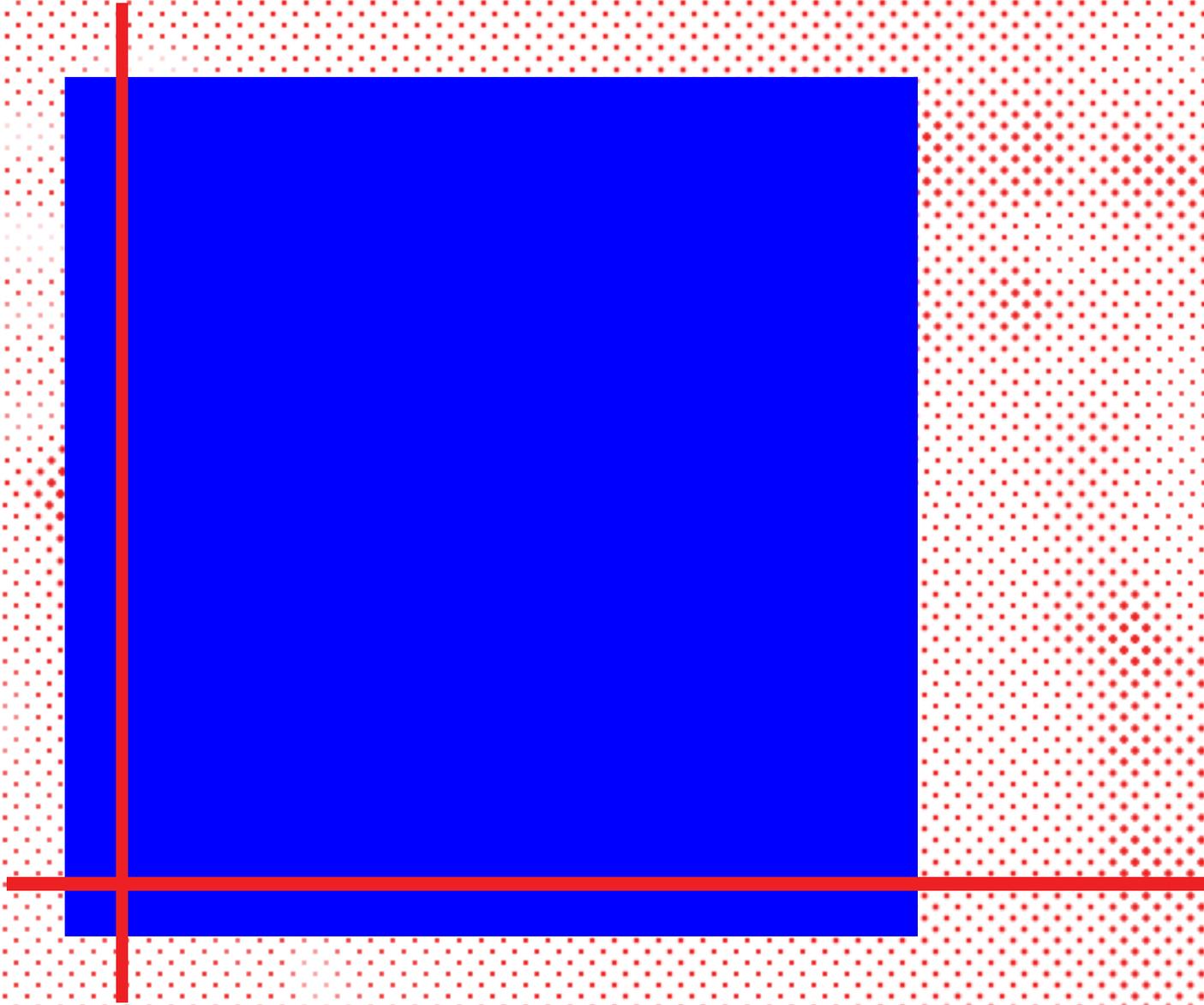
# RACISM

The screenshot shows a Chrome browser window with the URL `scientificamerican.com/article/racial-bias-found-in-a-major-health-care-risk-algorithm/`. The page features a navigation bar with categories like CORONAVIRUS, THE SCIENCES, MIND, HEALTH, TECH, SUSTAINABILITY, VIDEO, PODCASTS, OPINION, and PUBLICATIONS. A banner below the navigation bar reads "Celebrating 175 Years of Discovery" with a "Learn More" button. The main content area is titled "COMPUTING" and features the article title "Racial Bias Found in a Major Health Care Risk Algorithm" in a large, bold serif font. Below the title is the subtitle "Black patients lose out on critical care when systems equate health needs with costs" and the byline "By Starre Vartan on October 24, 2019". At the bottom of the article preview, there are social media sharing icons (Facebook, Twitter, LinkedIn) and a "READ THIS NEXT" section with a "MATH" category label. The browser's taskbar at the bottom shows various application icons including Chrome, Firefox, and Adobe Creative Cloud.

RACE

~~WEALTH~~

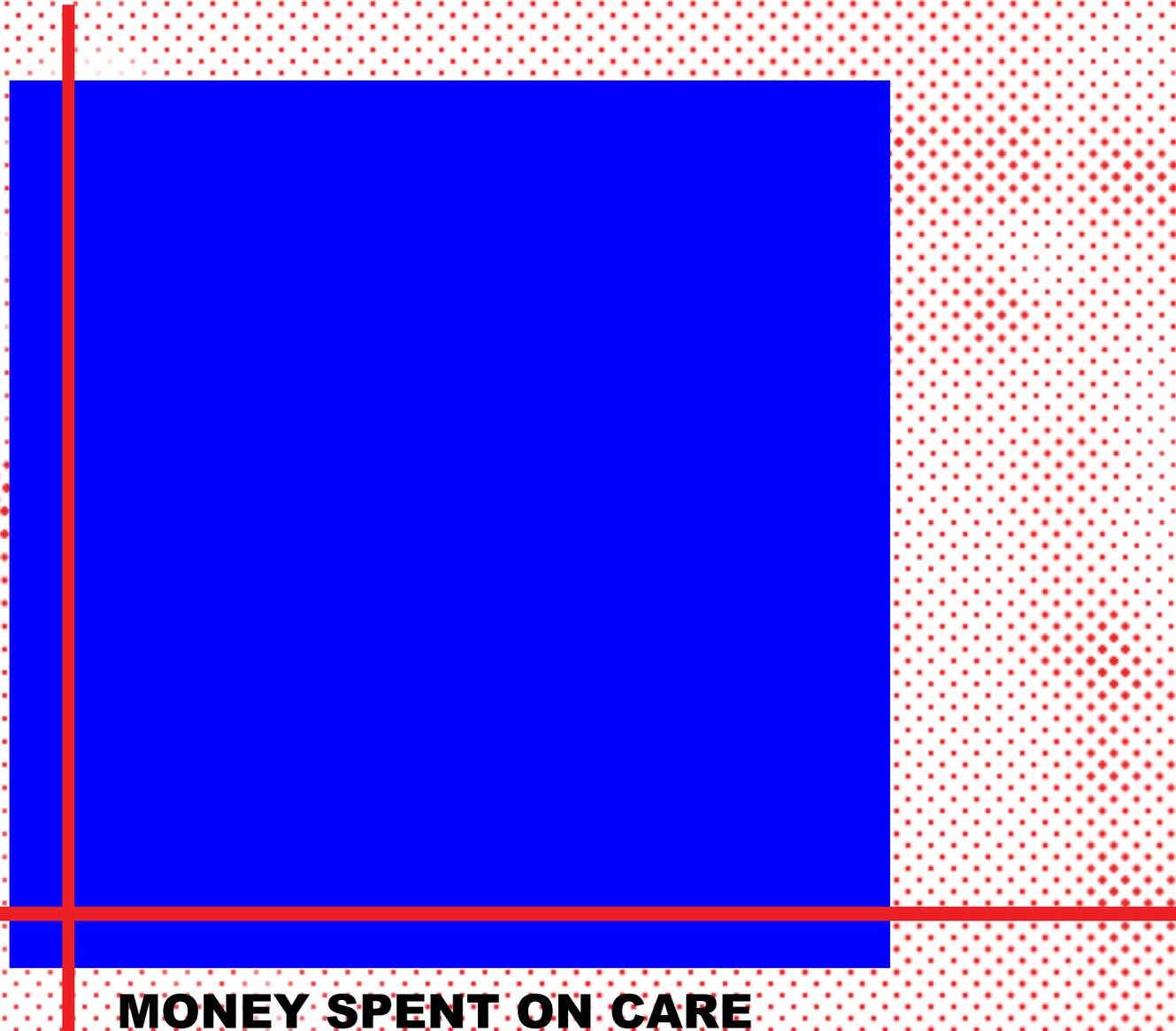




**THERE WAS AN ALGORITHM DEVELOPED :**

**TO HELP FIGURE OUT WHAT PATIENTS IN US HOSPITALS  
WERE AT A HIGHER RISK OF BEING VERY SICK.**

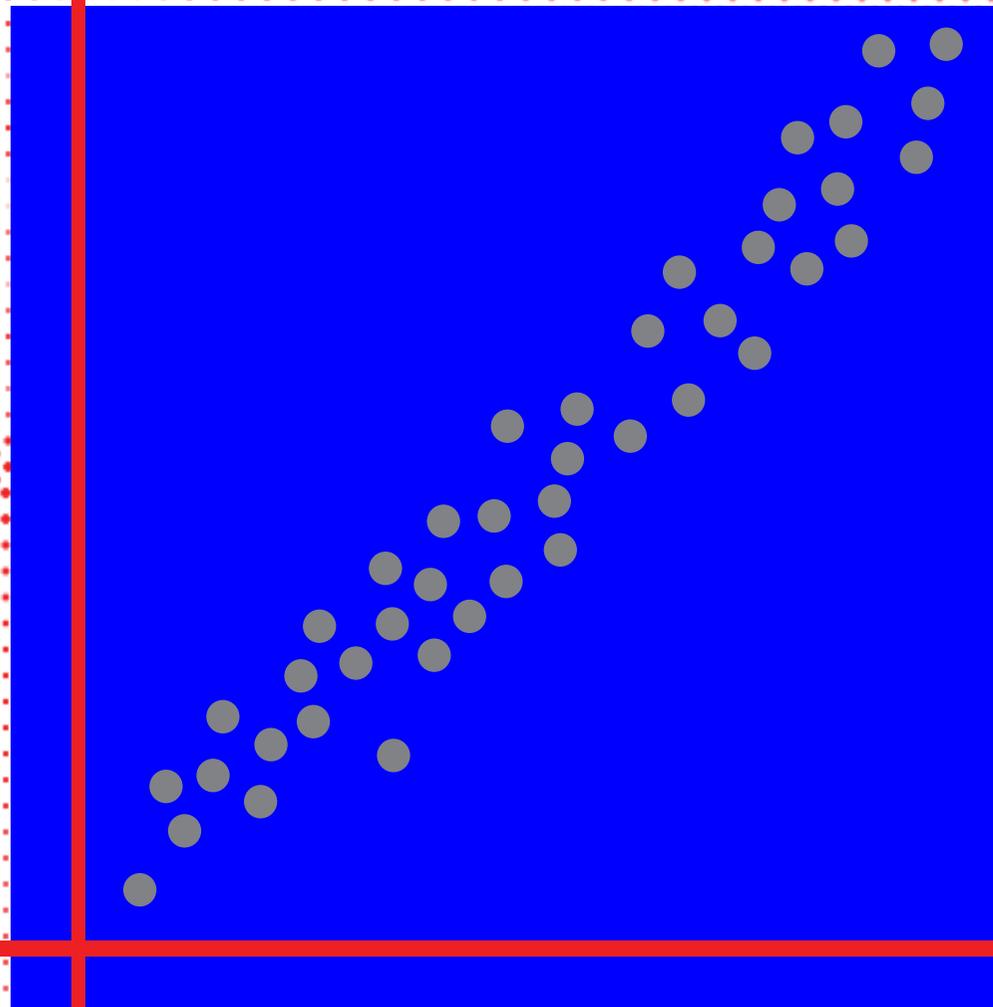
**RISK LEVEL GIVEN :: BETTER CARE**



**MONEY SPENT ON CARE**

**THE ALGORITHM LOOKED AT HOW MUCH A PERSON SPENT ON CARE IN THE PAST,  
AND FROM THAT DETERMINED AT WHAT RISK LEVEL THEY WERE OF.**

**RISK LEVEL GIVEN :: BETTER CARE**



**MONEY SPENT ON CARE**

**THE HIGHER THE RISK RATING YOU GET  
THE MORE CARE PROGRAMS AND SERVICES  
ARE OFFERED TO YOU.**

**THE MORE MONEY YOU SPENT ON CARE IN THE PAST MEANT THE HIGHER THE RISK LEVEL YOU  
WERE GIVEN.**

**BUT ...**

**PEOPLE OF COLOUR // SPENT LEST \$\$\$**

**THAN WHITE PEOPLE //**

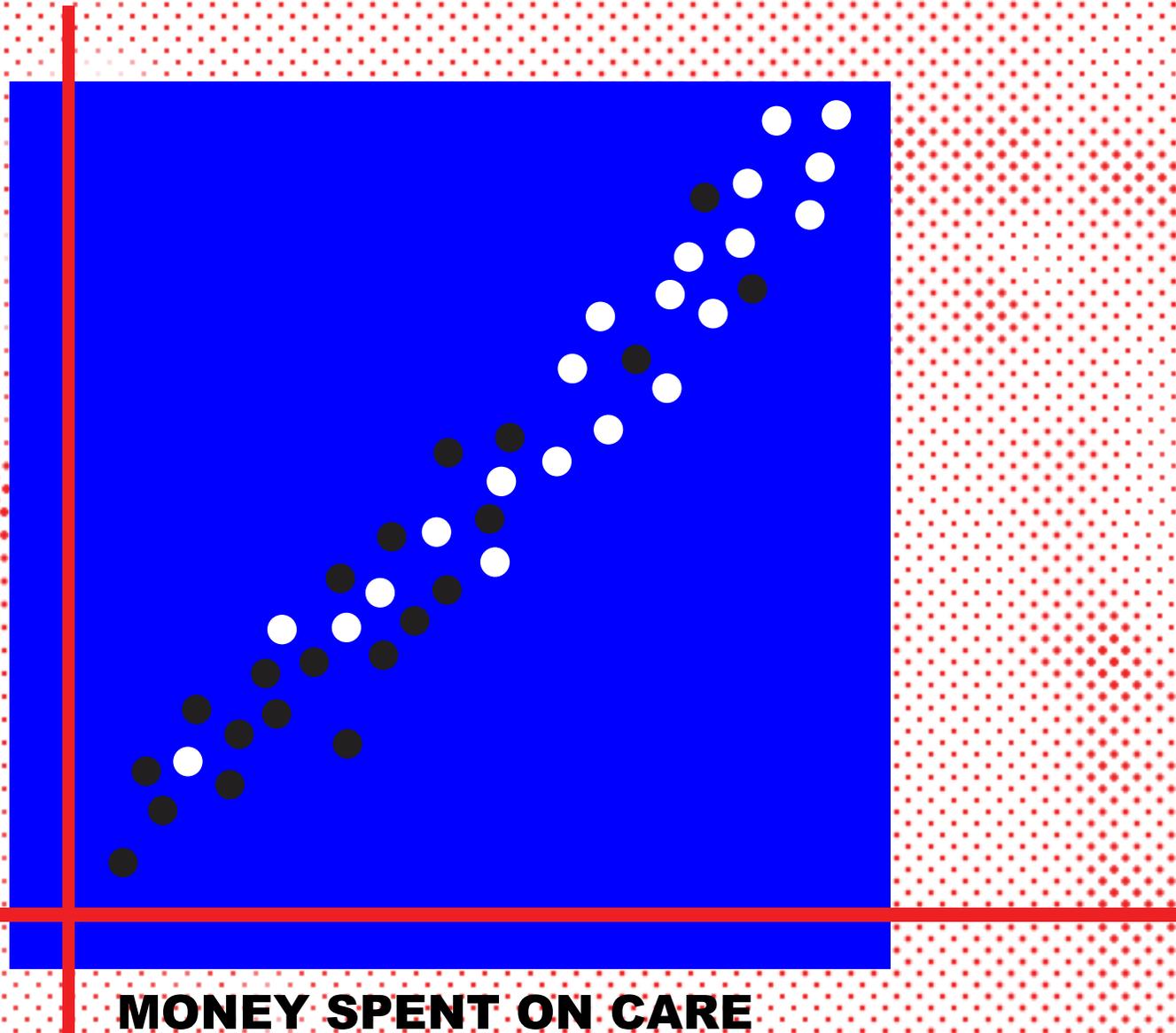
**AS THEY COULD NOT AFFORD SOME PROCEDURES**

**MONEY SPENT ON CARE**

RISK LEVEL GIVEN :: BETTER CARE

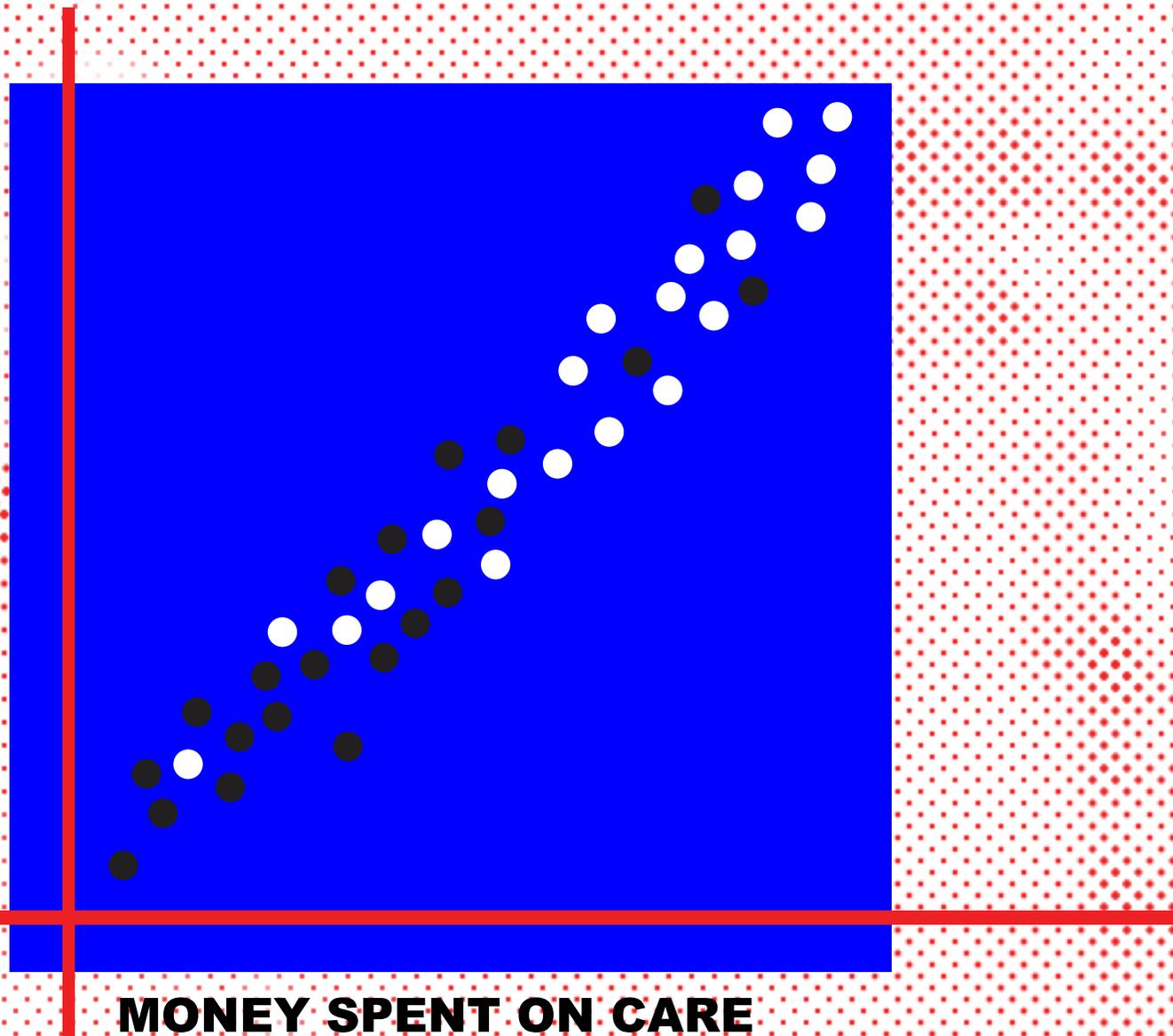


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**THIS MEANT THAT PEOPLE OF COLOUR WERE GIVEN A LOWER RISK LEVEL THEN WHITE PEOPLE.  
EVEN THOUGH STATISTICALLY THEY WERE IN MORE NEED OF SERVICES.**

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**A RESEARCH TEAM AT UC BERKLEY DISCOVERED THIS, AND WORKED ALONG SIDE THE COMPANY THAT DEVELOPED THE ALGORITHM TO PUT A LARGER VARIETY OF INUTS INTO THE ALGORITHM TO DETERMIN HEALTH RISK LEVEL.  
( THEY SAY IT IS NOW 84% ACCURATE )**

**BUT FOR MANY YEARS :**

**200  
MILLION  
AMERICAN'S**

**LOST OUT ON HEALTH SERVICES  
BECAUSE OF THEIR WEALTH AND  
RACE.**

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MONEY SPENT ON CARE

