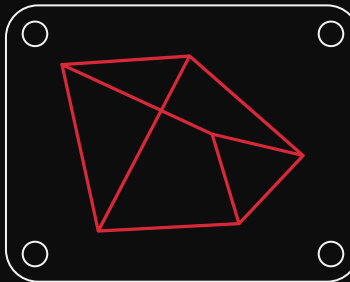
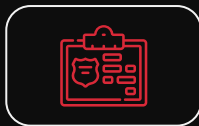
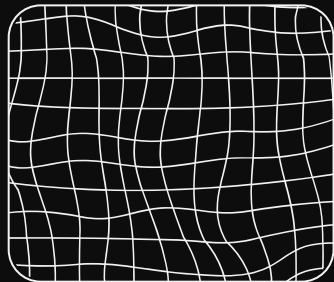


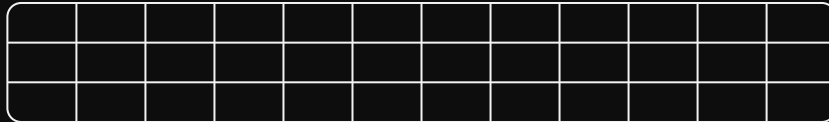
WHEN TERROR FAILS

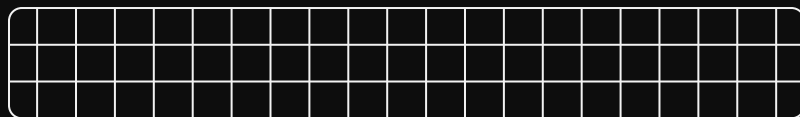
Predicting terror attack success





89%
SUCCESS





WESTERN
EUROPE

73%

UNITED
STATES

87%



ATTACK SUCCESS RATE



Since 2005

THE DATA



01

GLOBAL TERROR DATABASE

Hundreds of thousands of attacks since 1970



02

TARGET

Success or failure of an **executed** attack



03

TERRORISM

Matches 2 out of 3 criteria



04

138 FEATURES

Date, location, attack type, perpetrators, etc.

CLASSIFICATION MODELS



LOGISTIC REGRESSION

Not good at detecting failures



85%

Successful attacks caught



29%

Failed attacks caught

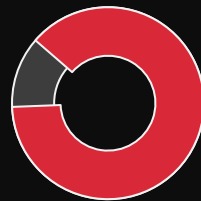
XGBOOST

Winning model



98%

Successful attacks caught



86%

Failed attacks caught

SURPRISINGLY UNHELPFUL



GROUP

The group responsible for the attempt



OF POLICE

Helpful to a point, but U.S. is beyond the threshold



CITY

Helpful globally, but not in U.S.



TOP FEATURES FOR U.S.



PROPERTY

Did the attack include property damage?



LONGITUDE

One of many location features



NATIONALITY

The nationality of the victim(s)





NATIONALITY

Of the victim(s)



VICTIM NATIONALITY

■ 69%

NON-U.S.

More secure
targets?

■ 83%

U.S.

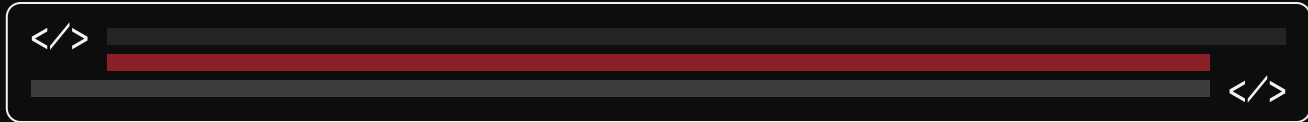
Most attacks



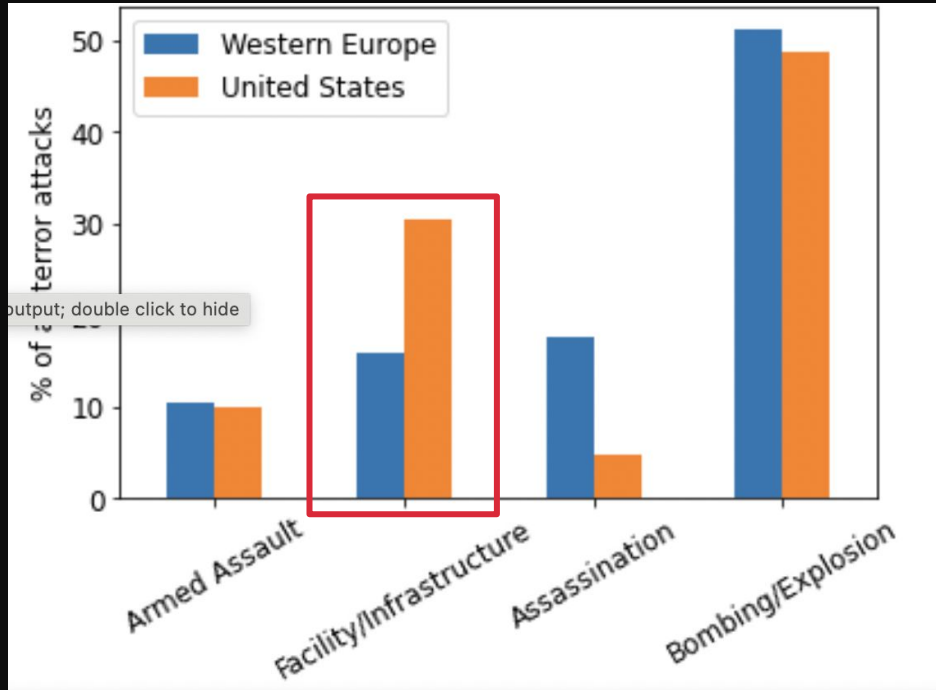


PROPERTY

Did the attack have property damage?





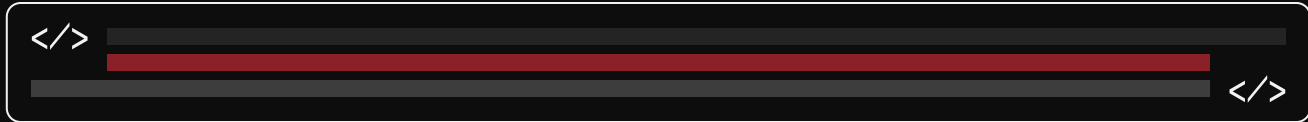


The U.S. has
twice the
percentage of
infrastructure
attacks





LONGITUDE



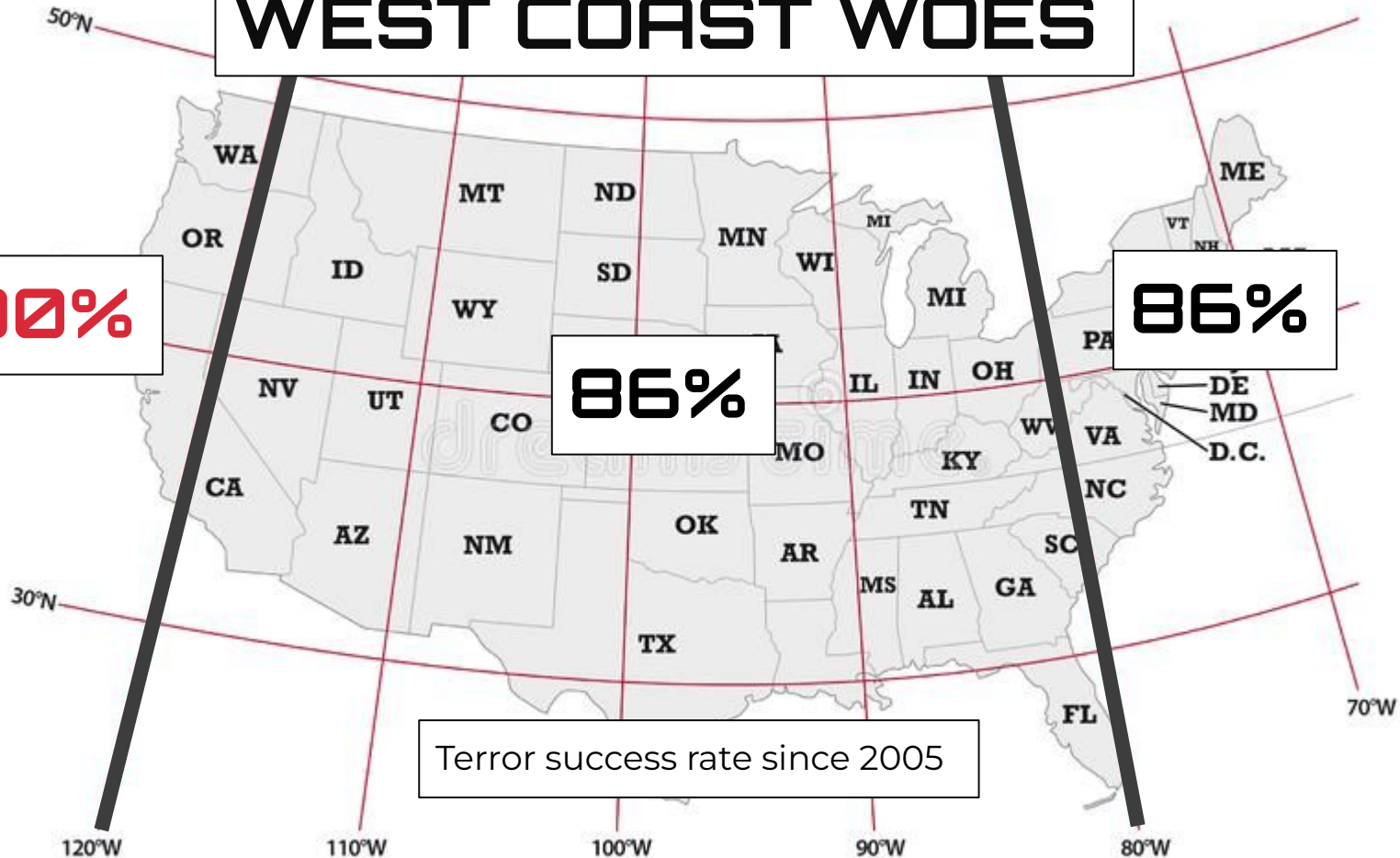
WEST COAST WOES

100%

86%

86%

Terror success rate since 2005



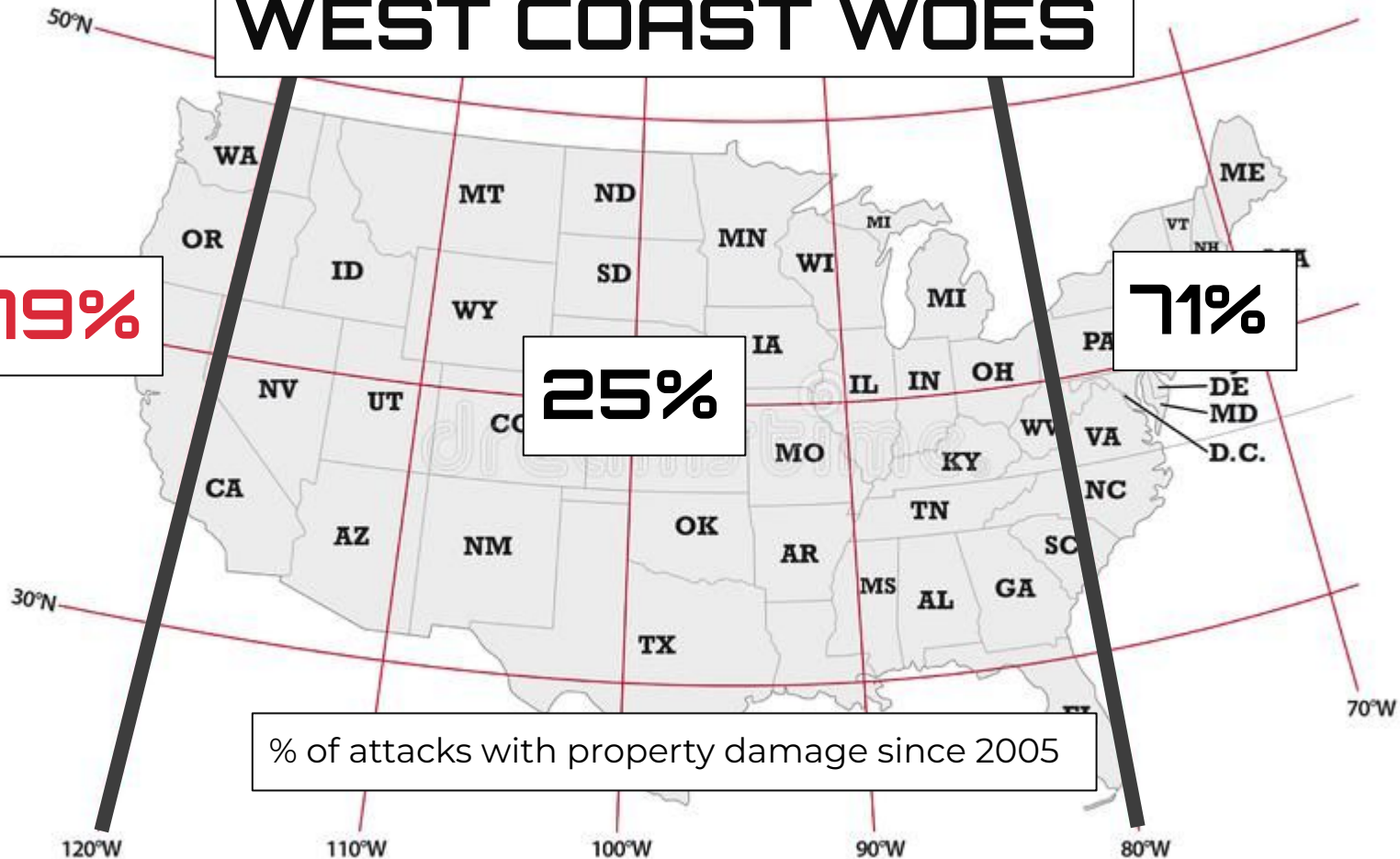
WEST COAST WOES

79%

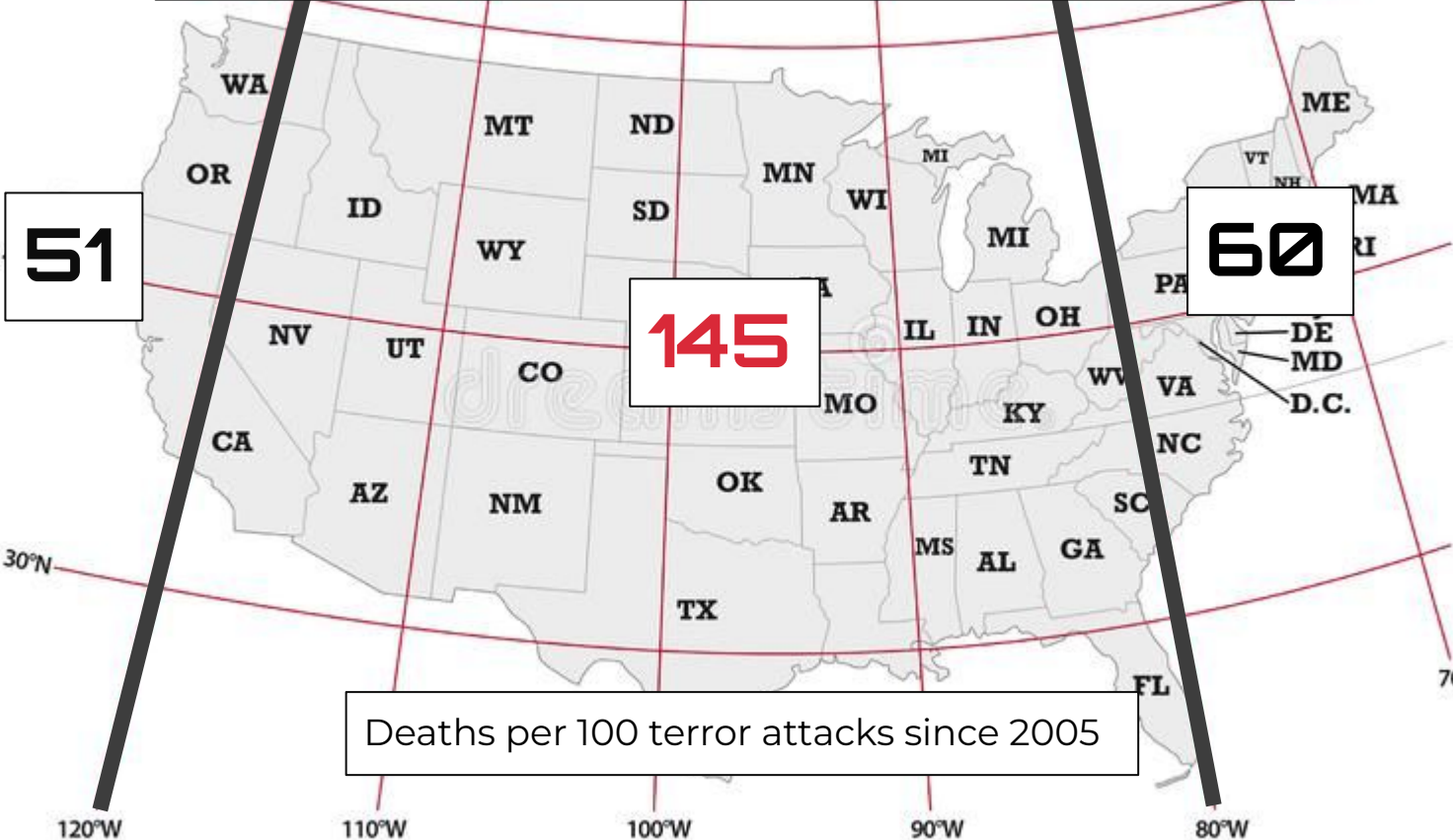
25%

71%

% of attacks with property damage since 2005



MURDER IN THE MIDDLE





RECOMMENDATIONS



DOING IT RIGHT



We're good at recognizing and disabling **explosives**



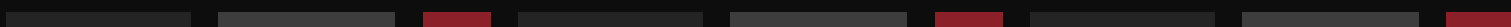
We have **sufficient police**



We're good at stopping attacks on **non-U.S.** targets



We're already better than **global average**



PRIORITIES



Improve strategies for **firebombs**, especially on **West Coast**



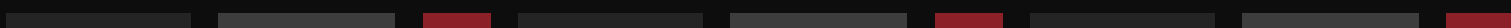
Prevent infrastructure attacks



Bring down death counts in **middle U.S.**



Protect **places of worship** and **Planned Parenthood**





THANKS!

CREDITS: This presentation template was created by **Slidesgo**, including icons by **Flaticon**, and infographics & images by **Freepik**

