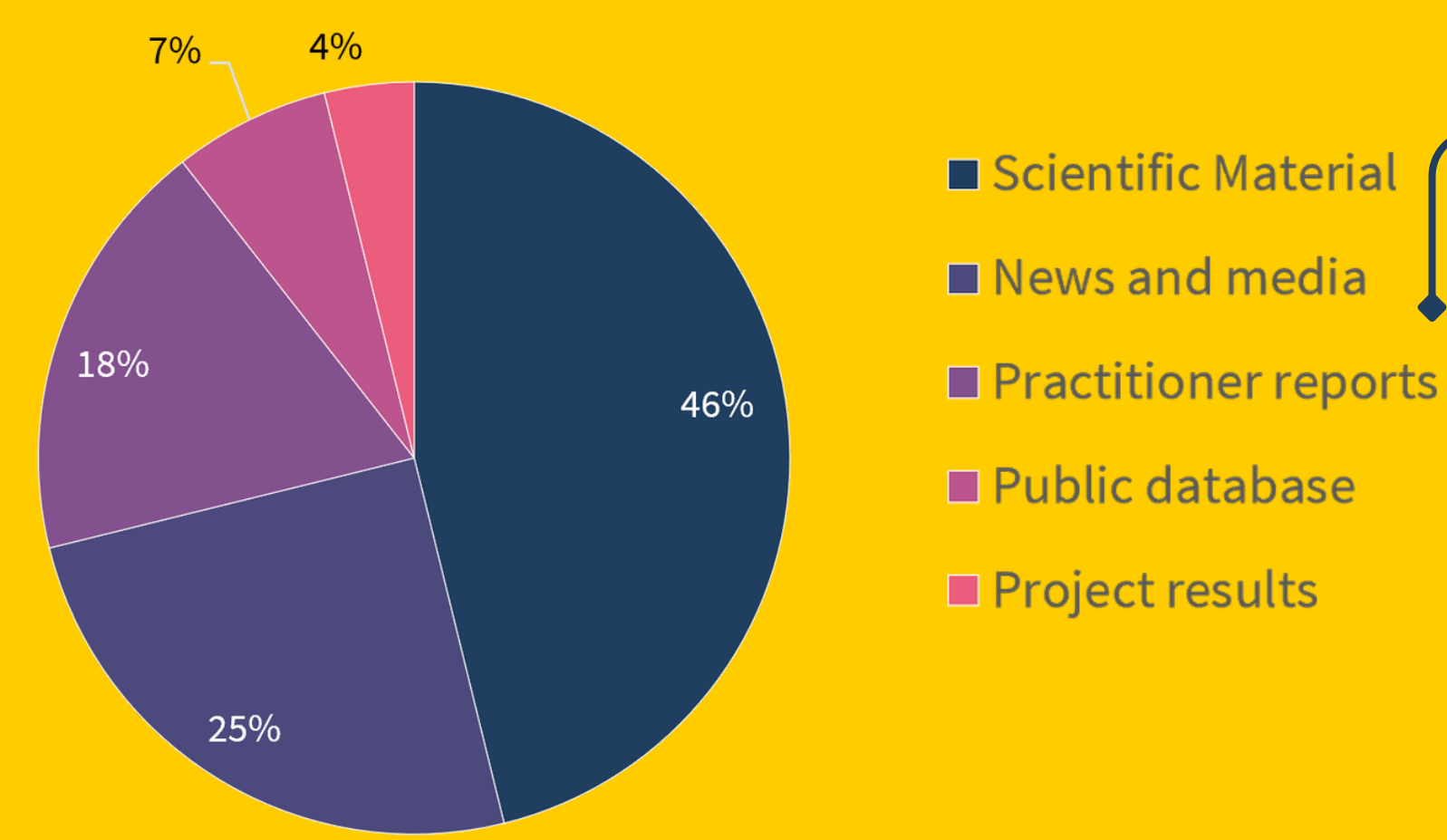


Market and Standards Observatory

The Market and Standards Observatory monitors the scope of the demand and supply, funding and standardization opportunities in the FCT area.

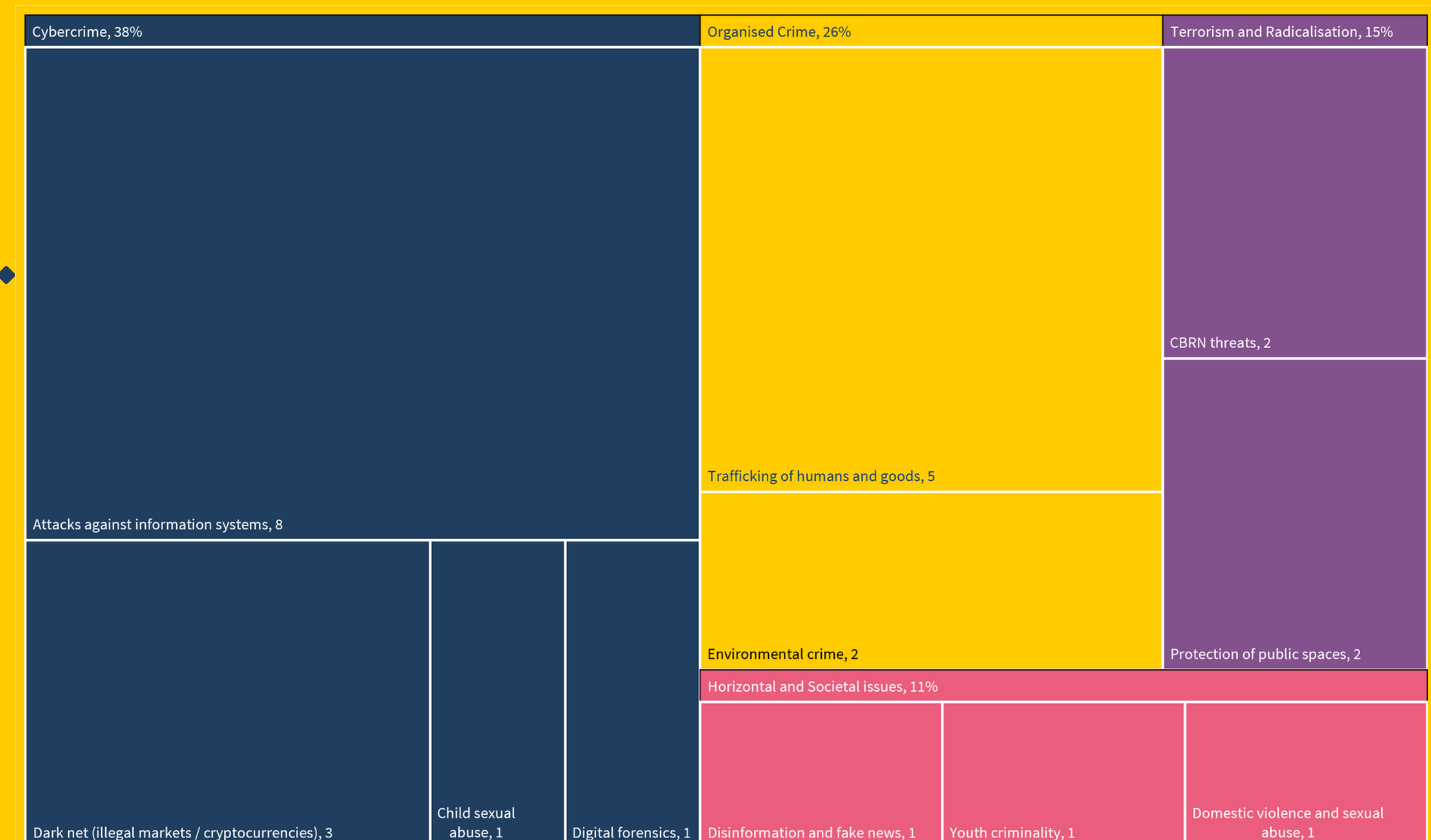
Distribution of sources of observations with **high-relevance** to the markets and standards observatory.



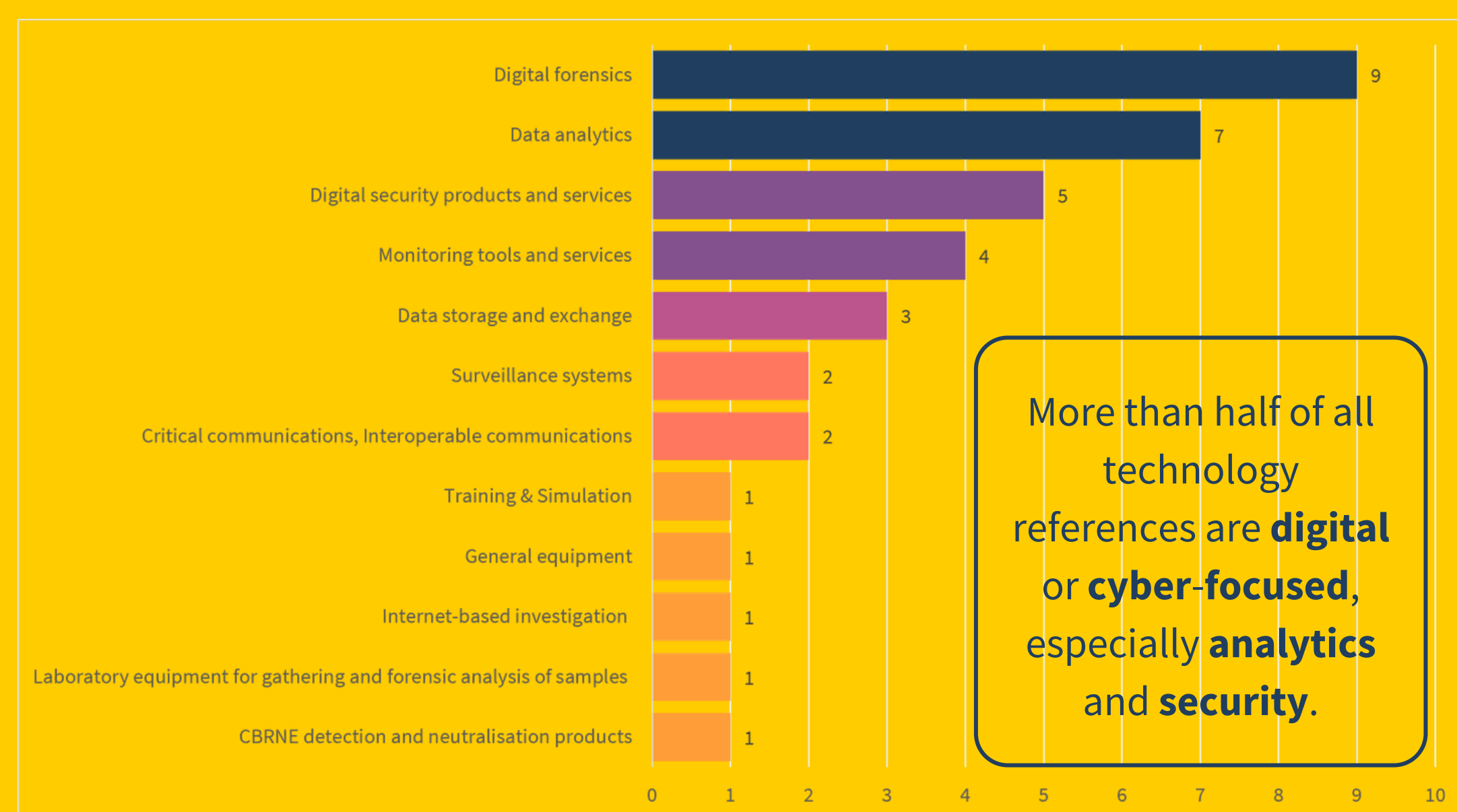
89%
of observations
from scientific
material, news
and media and
practitioner
reports

64%
observations
related to
organised crime
or cybercrime
policy areas

Distribution of observations according to the EUCS Taxonomy **Policy Areas** in FCT

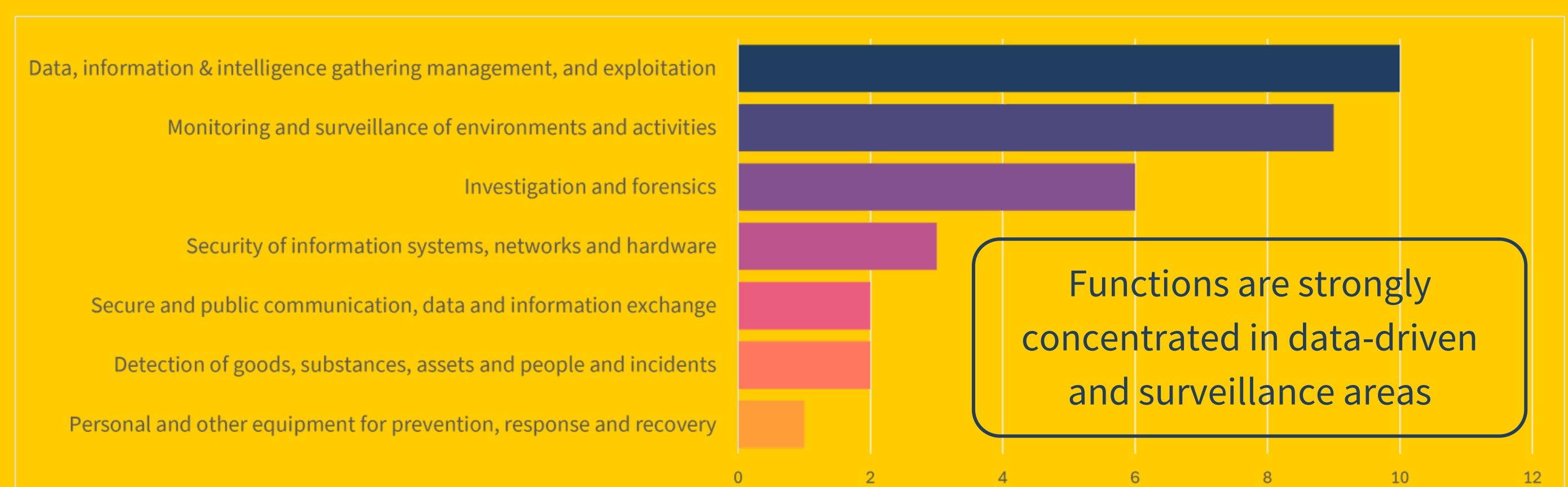


Distribution of observations according to the EUCS Taxonomy **Technology Areas** in FCT



More than half of all
technology
references are **digital**
or **cyber-focused**,
especially **analytics**
and **security**.

Distribution of observations according to the EUCS Taxonomy **Functions Areas** in FCT



Functions are strongly
concentrated in data-driven
and surveillance areas

Trends in the Markets and Standards Observatory

News

News coverage skews toward **AI governance** and **cyber threat resilience**, with the enforcement of the EU AI Act and new EU Cybersecurity & AI Action Plans dominating headlines.

The main recurring themes are **regulatory compliance**, mitigation of automated **cyberattacks**, and **international cooperation**

Technology

Tech observations are led by **Agentic AI**, **Post-Quantum Cryptography**, and **Zero-Trust Cybersecurity** frameworks.

The recurring theme is **advanced connectivity**, **cyber resilience**, and **secure AI adoption**, with strong industry focus on securing **supply chains** and **critical infrastructure**.

Science

Research focuses on **AI-driven vulnerability discovery**, **quantum-resistant encryption**, and **counter-surveillance** technologies.

Key research strands include **synthetic content detection (deepfakes)** and **privacy-preserving data analytics**, with recurring applications in **digital forensics** and **trade security**.

Market & Standards Evolution

In the security market, competitiveness relies on **technical novelty**, **resilience**, **trustworthy operation**, and **readiness for regulations and standards**.

Suppliers seeking to move innovations from research settings into **procurement and operational deployment** need to consider all market barriers and enablers.