

Security white paper consultation (1)

GÉANT Security Whitepaper 2018 - 2022

Security Baseline

Standards, Frameworks, best practices, benchmarking

(Managed) Security Products & Services

DDOS mitigation, certificate services, crypto technologies

Legal Compliance

GDPR, NIS guideline, eIDAS, best practices

Management of Risk

Risk analysis, threat assessments, threat intelligence sharing

Training and Awareness

Develop new training materials, share best practices

Incident response, Business continuity and crisis management

Security baseline

- CMM levels
- (Periodic) benchmark against ISO, etc
- Model for comparing baseline with management goals
- Nist 8xx-xx
- Upcoming European standards competing with ISO

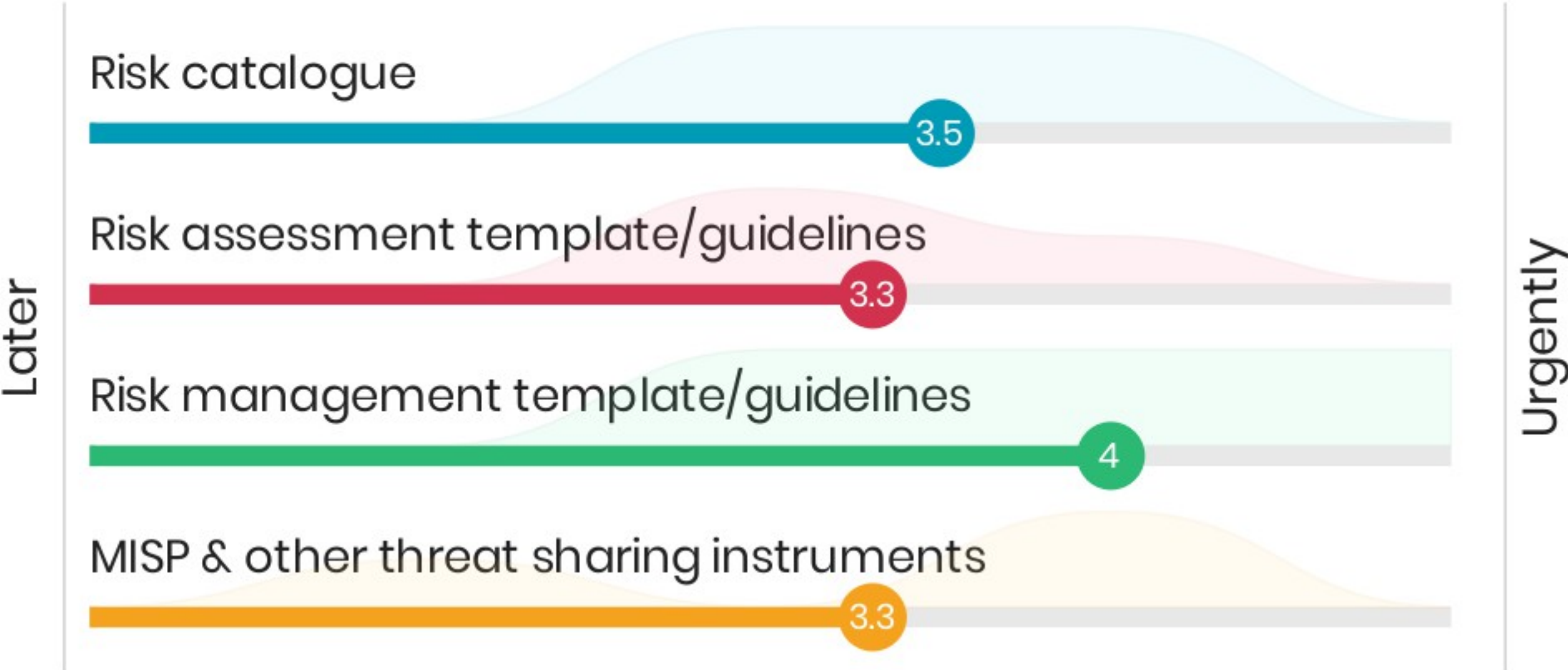
Security Baseline



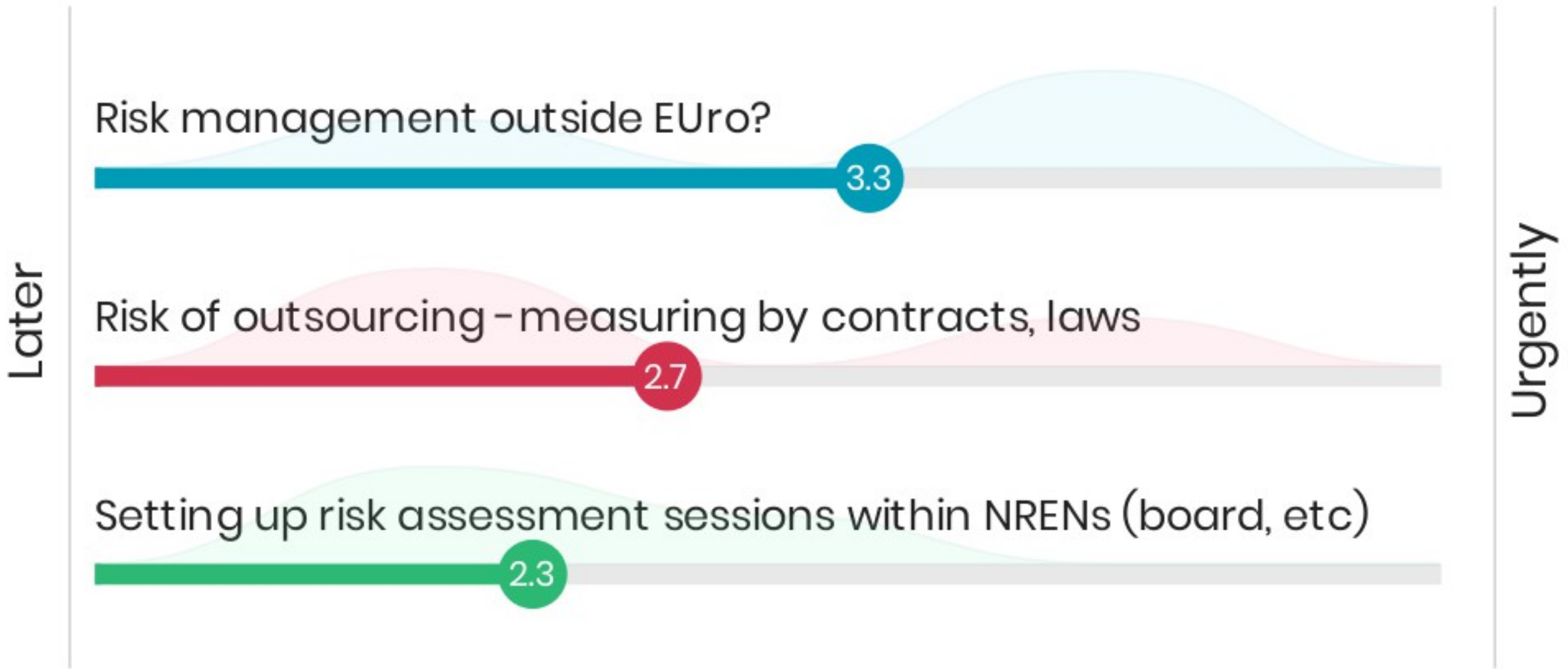
Management of Risk

- Risk catalogue
- Risk assessment template/guidelines
- Risk management template/guidelines
- MISP & other threat sharing instruments
- Risk management outside Europe
- Risk of outsourcing - measuring by contracts, laws
- Setting up risk assessment sessions within NRENs (board, etc)

Management of Risk



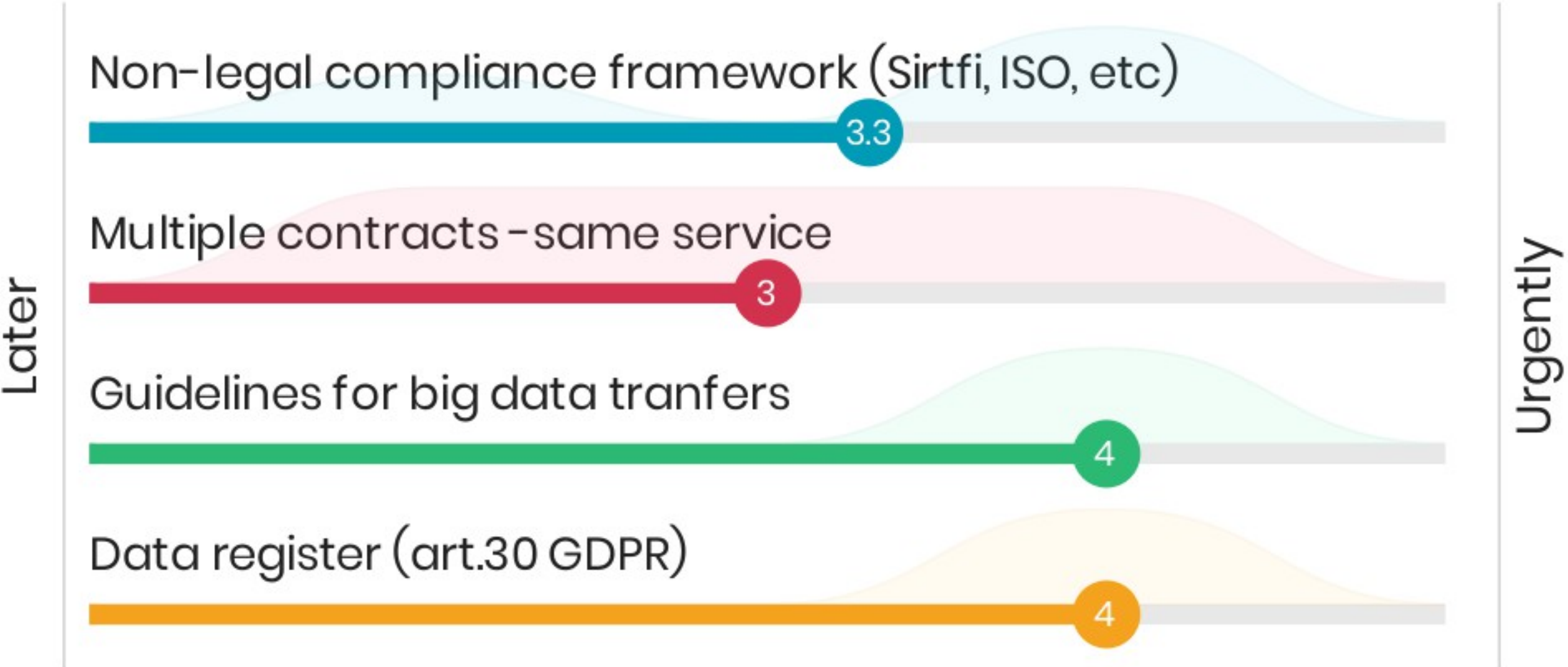
Management of Risk



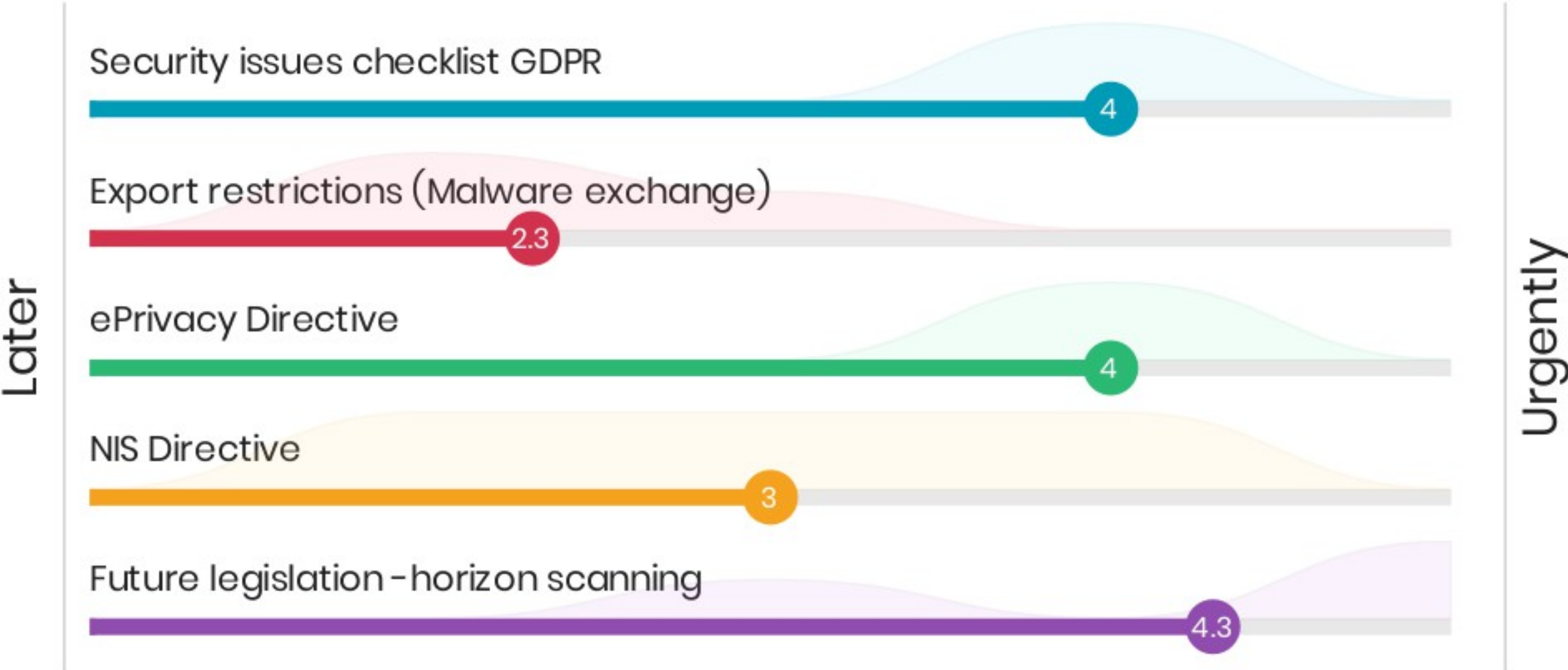
Legal compliance

- Non-legal compliance framework (Sirtfi, ISO, etc)
- Multiple contracts – same service
- Guidelines for big data transfers
- Data register (art.30 GDPR)
- Security issues checklist GDPR
- Export restrictions (Malware exchange)
- ePrivacy Directive
- NIS Directive
- Future legislation – horizon scanning

Legal Compliance



Legal compliance



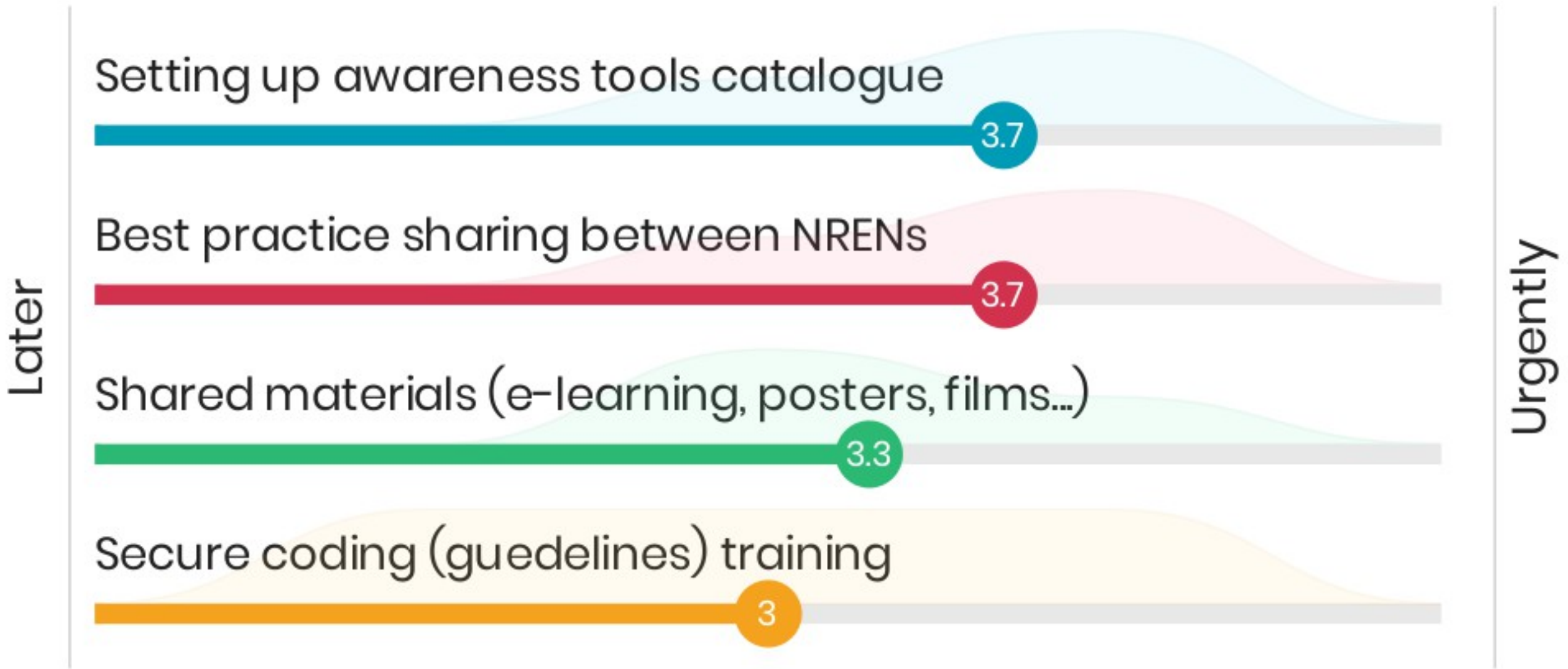
Training and awareness

- Platform shared: awareness phishing
- Protecting personal data workshop
- Crisis management training/workshop
- Management/board training
- Setting up awareness tools catalogue
- Best practice sharing between NRENs
- Shared materials (e-learning, posters, films...)
- Secure coding (guidelines) training

Training and Awareness



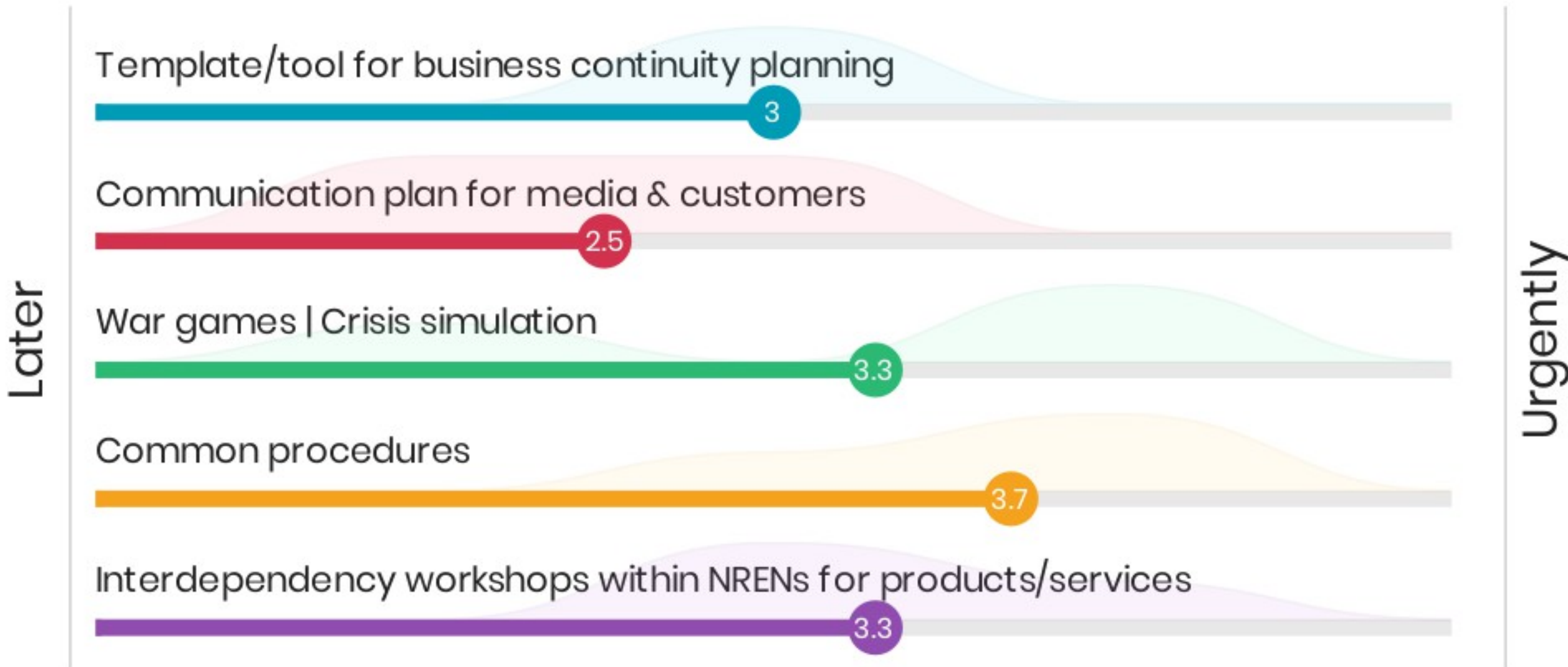
Training and Awareness



Incident response, business continuity, crisis management

- Template/tool for business continuity planning**
- Communication plan for media & customers**
- War games | Crisis simulation**
- Common procedures**
- Interdependency workshops within NRENs for products/services**

Incident response, business continuity, crisis management



Products and Services

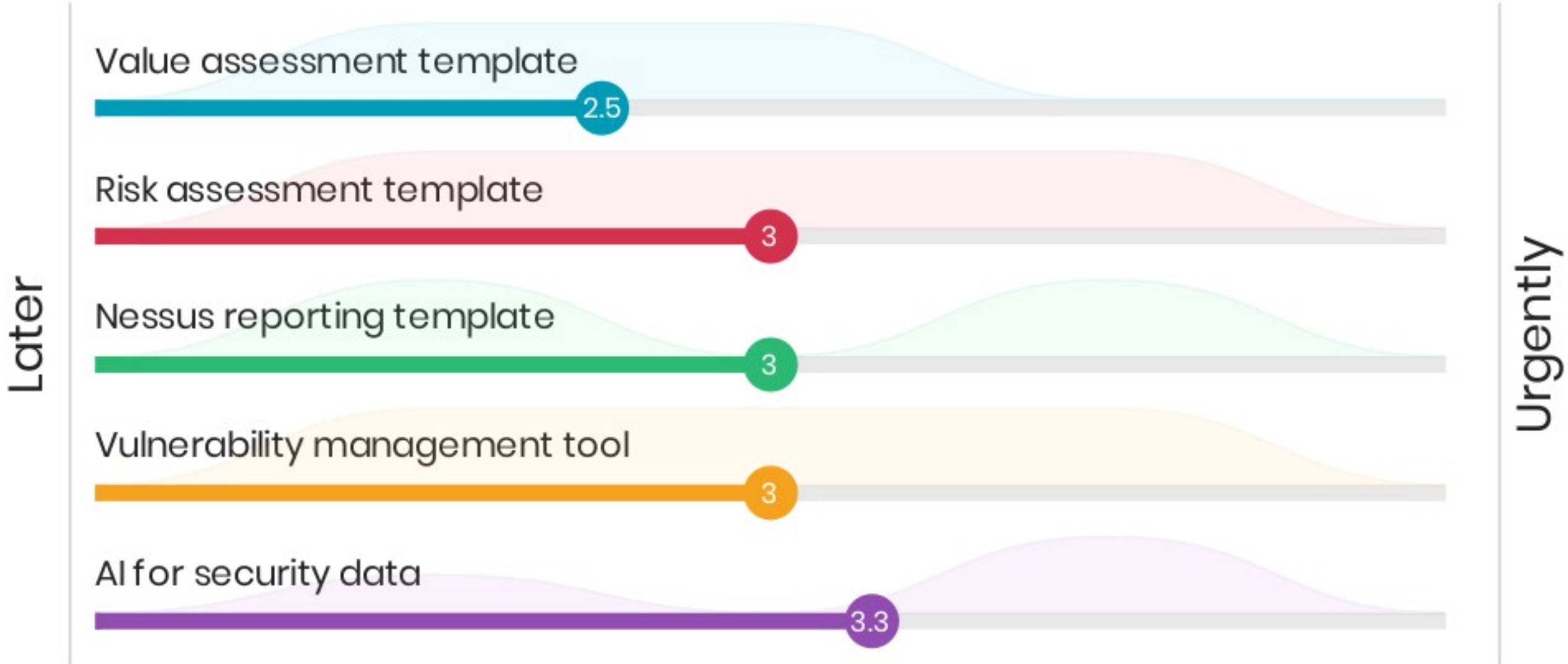
- Value assessment template
- Risk assessment template
- Nessus reporting template
- Vulnerability management tool
- AI for security data
- Shared/managed (community) SOC
- Blockchain

Products and Services

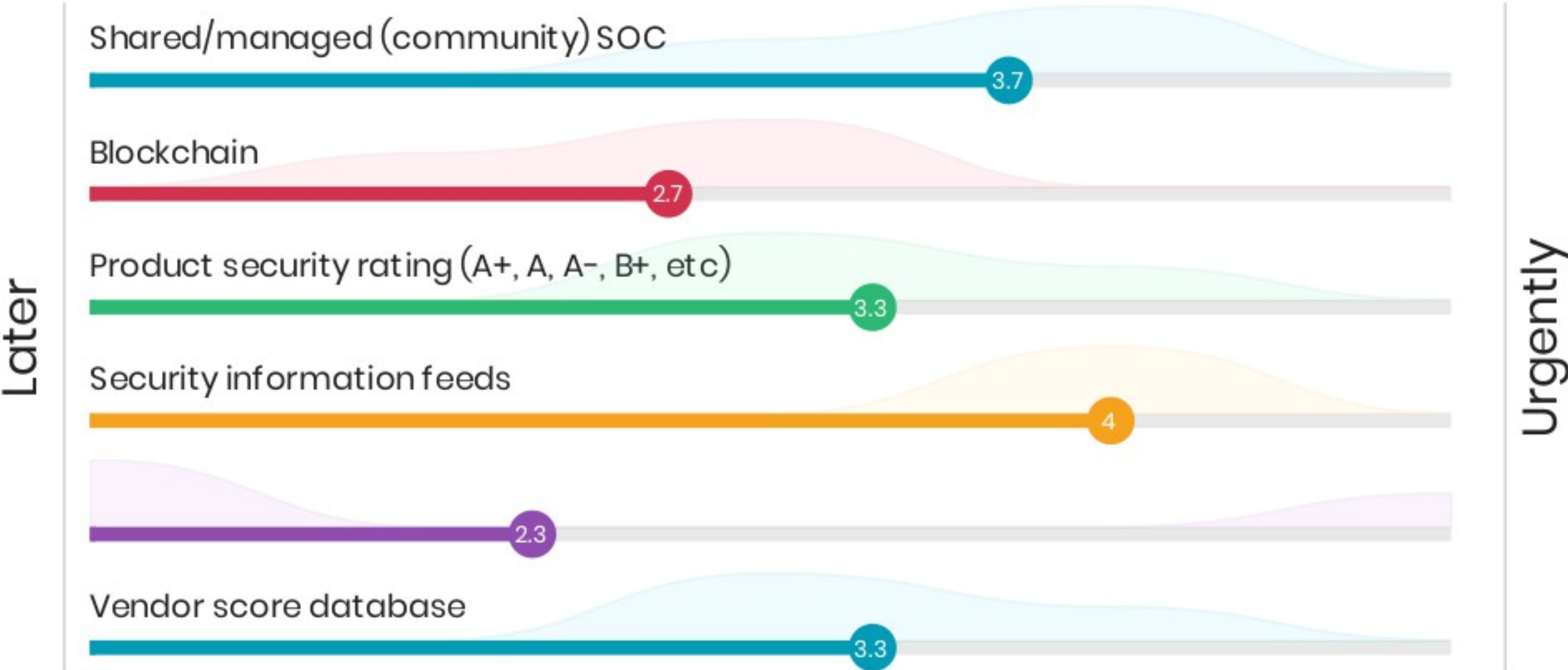
- Product security rating (A+, A, A–, B+, etc)
- Security information feeds
- Vendor score database
- Standards for procuring (networking) equipment
- European NRENs threat overview
- Network automation, SDN, virtualisation



Products and Services



Products and Services



Products and Services

