

MAPPING OF NON-TAILORED/NON-SYSTEMATIC ASSESSMENT/EVALUATION CRITERIA (LR7) TO RE METHOD GOALS (MGs) (IN1, IN2)

Legal quality	
applicability	[Peixoto et al., 2024], [Dickhaut et al., 2024], [Peixoto et al., 2023], [Lioudakis et al., 2021]
usefulness	[Peixoto et al., 2024], [Peixoto et al., 2023], [Alhirabi et al., 2023], [Ayala-Rivera and Pasquale, 2018], [Serrado et al., 2020], [Kempe et al., 2024], [Lioudakis et al., 2021]
appropriateness	[Piras et al., 2020], [Piras et al., 2021], [Ayala-Rivera and Pasquale, 2018]
utility	[Guamán et al., 2021], [Olukoya, 2022]
(job) relevance	[Piras et al., 2020], [Piras et al., 2021]
enforcement	[Klein et al., 2023]
compliance	[McConkey and Olukoya, 2023], [Rahat et al., 2022]
lawfulness	[Dickhaut et al., 2024]
robustness	[Klein et al., 2023]
transparency	[Novotna and Libal, 2022]
comprehensibility	[Novotna and Libal, 2022]
Application (automated or manual)	
accuracy	[Liu et al., 2022], [Li et al., 2020]
performance	[Ayala-Rivera et al., 2024], [Klein et al., 2023], [Shezan et al., 2023], [Chhetri et al., 2022]
feasibility	[Klein et al., 2023]
effectiveness	[McConkey and Olukoya, 2023], [Alhirabi et al., 2023], [Ahmadian et al., 2018]
efficiency	[Guamán et al., 2021], [Elluri et al., 2021], [Li et al., 2020]
coverage	[Peixoto et al., 2024], [Peixoto et al., 2023], [Ruiz et al., 2023]
completeness	[Azeem and Abualhaija, 2024], [McConkey and Olukoya, 2023], [Amaral et al., 2021], [Olukoya, 2022], [Liu et al., 2022], [Torre et al., 2020]
correctness	[Cortina et al., 2021], [Mousavi Nejad et al., 2018], [Ayala-Rivera and Pasquale, 2018], [Serrado et al., 2020], [Novotna and Libal, 2022], [Simeri and Tagarelli, 2023], [Herwanto et al., 2024b]
overhead	[Ayala-Rivera et al., 2024], [Barati et al., 2021]
changes to existing processes	[Tolsdorf and Iacono, 2023]
Usability	
usability	[Alhirabi et al., 2023], [Tolsdorf and Iacono, 2023], [Muravyeva et al., 2020], [Tolsdorf et al., 2022], [Raschke et al., 2018]
effort perception	[Peixoto et al., 2023]
intention to use	[Peixoto et al., 2023]
method structuredness	[Piras et al., 2020], [Piras et al., 2021]
scalability	[Peixoto et al., 2024], [Barati et al., 2021]
impact on time	[Zieni et al., 2021], [Ayala-Rivera et al., 2024]
impact on effort	[Zieni et al., 2021]
Requirements quality	
requirements quality	[Peixoto et al., 2023]
specification quality	[Peixoto et al., 2024]
consistency	[Olukoya, 2022]
readability	[Liu et al., 2022]
Technical criteria	
number of requests per second	[Ferreira et al., 2023]
throughput	[Zhou et al., 2023]
latency	[Zhou et al., 2023], [Ferreira et al., 2023]
execution time	[Azeem and Abualhaija, 2024], [Leicht et al., 2022], [Ansar et al., 2024]
resource consumption	[Zhou et al., 2023], [Ferreira et al., 2023]
scalability	[Zhou et al., 2023]
modularity	[Zhou et al., 2023]
costs	[Zhou et al., 2023]
overhead	[Ferreira et al., 2023], [Chhetri et al., 2022]
NLP	
accuracy	[Azeem and Abualhaija, 2024], [Hassani et al., 2024], [Cejas et al., 2023], [Liga and Robaldo, 2023], [McConkey and Olukoya, 2023], [Shezan et al., 2023], [Amaral et al., 2021], [Rahat et al., 2022], [Ahmad et al., 2022], [Elluri et al., 2021], [Torre et al., 2020], [Herwanto et al., 2024a], [Luitel et al., 2024], [Xiang et al., 2023], [Sleimi et al., 2019]
precision	[Azeem and Abualhaija, 2024], [Hassani et al., 2024], [Herwanto et al., 2024b], [Cejas et al., 2023], [Amaral et al., 2021], [Rahat et al., 2022], [Ahmad et al., 2022], [Hamdani et al., 2021], [Elluri et al., 2021], [Xiang et al., 2023], [Simeri and Tagarelli, 2023], [Sleimi et al., 2019]
recall	[Azeem and Abualhaija, 2024], [Hassani et al., 2024], [Herwanto et al., 2024b], [Cejas et al., 2023], [Amaral et al., 2021], [Rahat et al., 2022], [Ahmad et al., 2022], [Hamdani et al., 2021], [Elluri et al., 2021], [Xiang et al., 2023], [Simeri and Tagarelli, 2023], [Sleimi et al., 2019]
F measures	[Hassani et al., 2024], [Herwanto et al., 2024b], [Cejas et al., 2023], [Liga and Robaldo, 2023], [Amaral et al., 2021], [Rahat et al., 2022], [Hamdani et al., 2021], [Elluri et al., 2021], [Xiang et al., 2023], [Simeri and Tagarelli, 2023], [Azeem and Abualhaija, 2024], [Herwanto et al., 2024a], [Kounoudes et al., 2024]
exact match ratio	[Kounoudes et al., 2024]
Hamming Loss	[Kounoudes et al., 2024]
Binary Cross Entropy (BCE)	[Abualhaija et al., 2022]
Normalized Discounted Cumulative Gain (TF-IDF)	[Abualhaija et al., 2022]
NDCG	[Herwanto et al., 2024a]

MAPPING OF NON-TAILORED/NON-SYSTEMATIC ASSESSMENT/EVALUATION TASKS (LR7) TO RE METHOD GOALS (MGs) (IN1, IN2)

generation of data flow filters and selection of Priv&Sec controls	[Ayala-Rivera et al., 2024]	MG11: Facilitate Risk&Security Management
configuration of Priv&Sec controls	[Ayala-Rivera et al., 2024]	MG11: Facilitate Risk&Security Management
injection of Priv&Sec controls	[Ayala-Rivera et al., 2024]	MG11: Facilitate Risk&Security Management
easily translated to an engineering process	[Ruiz et al., 2023]	MG8: Achieving Effective Communication
justified confidence	[Ruiz et al., 2023]	MG2: Achieving Understandability of GDPR
best practices	[Ruiz et al., 2023]	MG2: Achieving Understandability of GDPR G1
mapping GDPR to standards	[Ruiz et al., 2023]	MG2: Achieving Understandability of GDPR
specify more privacy requirements	[Peixoto et al., 2023]	NA
GDPR/PbD principles-to-solution mapping	[Mashaly et al., 2022]	MG2: Achieving Understandability of GDPR
map security and privacy requirements	[Alkubaisy et al., 2021b]	MG11: Facilitate Risk&Security Management
identify conflicts between requirements and conflict decisions	[Alkubaisy et al., 2021b], [Alkubaisy et al., 2021a]	MG3: Enabling Decision-making
develop conflict resolution pattern	[Alkubaisy et al., 2021b]	MG3: Enabling Decision-making
cross-border transfer intention classification	[Guamán et al., 2021]	MG2: Achieving Understandability of GDPR
integration into agile development	[Zieni et al., 2021]	MG1: Facilitating Implementation throughout SDLC
informing users about data concerns	[Zieni et al., 2021]	MG7: Verifiability&Validity of Compliance
GDPR compliance violation identification	[Fan et al., 2020]	MG5: Facilitating Compliance Governance
auditing	[Chhetri et al., 2022]	MG9: Facilitating GDPR Compliance-related Procedures
compliance verification	[Chhetri et al., 2022]	MG7: Verifiability&Validity of Compliance
consent creation	[Chhetri et al., 2022]	MG7: Verifiability&Validity of Compliance
modeling of ambiguities in regulations	[Kempe et al., 2024]	MG2: Achieving Understandability of GDPR
both human and machine-readable and manageable	[Schäfermeier et al., 2022]	MG2: Achieving Understandability of GDPR
traceability to enable automatic version control	[Schäfermeier et al., 2022]	MG4: Documenting the Required Information
authoring tools to support the development work	[Schäfermeier et al., 2022]	MG1: Facilitating Implementation throughout SDLC
interoperability, and support open standard query languages	[Schäfermeier et al., 2022]	MG1: Facilitating Implementation throughout SDLC

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