B.3.2 Rationale EU AI Act

Cell	Rationale Coverage	Rationale Depth
P10	**very strong coverage:** consistent performance for intended purpose	**very strong depth:** "Testing shall ensure that high-risk AI systems perform consistently for their intended purpose..."
BX11	**strong coverage:** accuracy in relation to intended use	**weak depth:** "High-risk AI systems shall be designed and developed in such a way that they achieve an appropriate level of accuracy..."
CD11	**moderate coverage:** quality management for development and assurance	**weak depth:** "techniques, procedures and systematic actions to be used for the development, quality control and quality assurance of the high-risk AI system;"
P15	**strong coverage:** consistent fault-free operation through testing of high-risk AI systems under intended purpose	**very strong depth:** "Testing shall ensure that high-risk AI systems perform consistently for their intended purpose and that they are in compliance with the requirements..."
BZ15	**moderate coverage:** general resilience	**moderate depth:** "High-risk AI systems shall be as resilient as possible regarding errors, faults or inconsistencies..."
J17	**weak coverage:** limited scope of risk management to what can be mitigated by design or information	**moderate depth:** "This process should ensure that the provider identifies risks or adverse impacts and implements mitigation measures for the known and reasonably foreseeable risks of AI systems to the health, safety and fundamental rights..." (Recital 65 (4))
BZ17	**strong coverage:** continued operation despite faults via redundancy and fail-safe mechanisms	**strong depth:** "The robustness of high-risk AI systems may be achieved through technical redundancy solutions, which may include backup or fail-safe plans."
BZ18	**weak coverage:** indirect reference to mitigation and feedback loop handling	**weak depth:** "...backup or fail-safe plans." (Recital 75 (4))
BX19	**very strong coverage:** 'robustness' as central performance criterion across lifecycle	**strong depth:** "They should be resilient in relation to harmful or otherwise undesirable behaviour that may result from limitations within the systems or the environment in which the systems operate..." (Recital 75 (2))
BZ19	**very strong coverage:** robustness explicitly addressed as central requirement with technical and organisational measures	**very strong depth:** "Technical robustness is a key requirement for high-risk AI systems." (Recital 75 (1))
BL33	**strong coverage:** operability through human-machine interface	**strong depth:** "High-risk AI systems shall be designed and developed in such a way, including with appropriate human-machine interface tools, that they can be effectively overseen by natural persons..."

Cell	Rationale Coverage	Rationale Depth
BM34	**strong coverage:** prevention and minimisation of misuse risks through human oversight	**moderate depth:** "Human oversight shall aim to prevent or minimise the risks to health, safety or fundamental rights... under conditions of reasonably foreseeable misuse..."
BQ35	**weak coverage:** oversight assignment	**moderate depth:** "...natural persons to whom human oversight is assigned have the necessary competence, training and authority to carry out that role..." (Recital 73 (3))
BU36	**very strong coverage:** user control to intervene or disregard AI system functioning	**strong depth:** ". . . not to use the high-risk AI system or to otherwise disregard, override or reverse the output of the high-risk AI system. . ."
BV36	**very strong coverage:** human external agent intervention in system functioning with direct stop mechanism	**very strong depth:** "to intervene in the operation of the high-risk AI system or interrupt the system through a 'stop' button or a similar procedure that allows the system to come to a halt in a safe state"
AY37	**very strong coverage:** comprehensive user instructions ensuring clarity of functionalities to intended users	**very strong depth:** "High-risk AI systems should be designed in a manner to enable deployers to understand how the AI system works, evaluate its functionality, and comprehend its strengths and limitations..." (Recital 72 (2))
BS37	**moderate coverage:** user clarity regarding automation bias and system output reliance	**strong depth:** "natural persons to whom human oversight is assigned are enabled, as appropriate and proportionate, (b) to remain aware of the possible tendency of automatically relying or over-relying on the output..."
CV37	**strong coverage:** obligation to inform users about system deployment	**strong depth:** " Deployers ... should...inform the natural persons that they are subject to the use of the high-risk AI system." (Recital 93 (4)).
CW37	**strong coverage:** obligation for deployers to inform natural persons of AI system use	**strong depth:** "Deployers of high-risk AI systems ... shall inform the natural persons that they are subject to the use of the high-risk AI system" (Recital 93 (4)(5)(6)).
CX37	**very strong coverage:** obligation for informing users about AI interaction	**very strong depth:** "Providers shall ensure that AI systems intended to interact directly with natural persons are designed and developed in such a way that the natural persons concerned are informed that they are interacting with an AI system..."
CZ37	**strong coverage:** provision and updating of information and documentation	**moderate depth:** "Providers of general-purpose AI models shall: draw up, keep up-to-date and make available information and documentation to providers of AI systems..."

Cell	Rationale Coverage	Rationale Depth
E38	**very strong coverage:** establishment, implementation, documentation and maintenance of risk management system	**very strong depth:** "This process should ensure that the provider identifies risks or adverse impacts and implements mitigation measures... as well as justification and documentation of any significant decisions and actions taken..." (Recital 65 (4))
AN38	**very strong coverage:** complete, coherent, and up-to-date documentation	**very strong depth:** "Having comprehensible information on how high-risk AI systems have been developed and how they perform throughout their lifetime is essential to enable traceability..." (Recital 71 (1))
AO38	**very strong coverage:** comprehensive technical documentation ensuring coherence and traceability	**very strong depth:** "Having comprehensible information on how high-risk AI systems have been developed and how they perform throughout their lifetime is essential to enable traceability..." (Recital 71 (1))
AY38	**strong coverage:** comprehensive, transparent, and comprehensible instructions	**moderate depth:** "High-risk AI systems should be accompanied by appropriate information in the form of instructions of use..." (Recital 72 (3))
BQ38	**moderate coverage:** comprehensibility through enabling oversight	**strong depth:** "...mechanisms to guide and inform a natural person to whom human oversight has been assigned to make informed decisions..." (Recital 73 (4))
BY38	**strong coverage:** comprehensible declaration of accuracy metrics	**strong depth:** "The levels of accuracy and the relevant accuracy metrics of high-risk AI systems shall be declared in the accompanying instructions of use."
CA38	**strong coverage:** documentation requirement ensures transparency and comprehensibility	**very strong depth:** "That system shall be documented in a systematic and orderly manner in the form of written policies, procedures and instructions..."
CK38	**very strong coverage:** systematic, orderly documentation through policies, procedures, instruction	**strong depth:** "systems and procedures for record-keeping of all relevant documentation and information"
CY38	**very strong coverage:** technical documentation ensures comprehensibility	**very strong depth:** 'draw up and keep up-to-date the technical documentation of the model ..."
DB38	**very strong coverage:** documentation for GPAI	**strong depth:** "...documentation ... contain, at a minimum, the elements set out in Annex XII"
DG38	**strong coverage:** demands 'complete and detailed description'	**strong depth:** "a complete and detailed description of the process and rationale behind the training, testing and validation..."
DJ38	**strong coverage:** documentation of monitoring system	**strong depth:** "Providers shall establish and document a post-market monitoring system ..."

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DN38	**strong coverage:** integration of monitoring plan into technical documentation	**very strong depth:** "The post-market monitoring plan shall be part of the technical documentation referred to in Annex IV."
H43	**strong coverage:** systematic review and continuous evaluation of risks across lifecycle	**strong depth:** "the evaluation of other risks possibly arising, based on the analysis of data gathered from the post-market monitoring system..."
CC43	**strong coverage:** documentation and design verification	**moderate depth:** "techniques, procedures and systematic actions to be used for the design, design control and design verification of the high-risk AI system"
CD43	**strong coverage:** documentation and structured procedures enable effective assessment	**moderate depth:** "techniques, procedures and systematic actions to be used for the development, quality control and quality assurance of the high-risk AI system"
CR43	**weak coverage:** investigation and collaboration allow partial assessment	**weak depth:**
DC43	**strong coverage:** evaluation protocols and adversarial testing	**moderate depth:** "...perform model evaluation in accordance with standardised protocols and tools reflecting the state of the art, including conducting and documenting adversarial testing of the model..."
DK43	**strong coverage:** collection, documentation, and analysis of performance data	**strong depth:** "The post-market monitoring system shall actively and systematically collect, document and analyse relevant data..."
L45	**moderate coverage:** acceptability of residual risk	**moderate depth:** "The risk-management system should consist of a continuous, iterative process that is planned and run throughout the entire lifecycle of a high-risk AI system..." (Recital 65 (1))
P45	**very strong coverage:** testing of high-risk AI systems to ensure consistent performance and compliance	**very strong depth:** "High-risk AI systems shall be tested for the purpose of identifying the most appropriate and targeted risk management measures" (Recital 65 (1)
Q45	**moderate coverage:** testing in real-world conditions	**moderate depth:** "Testing procedures may include testing in real-world conditions in accordance with Article 60" (Recital 65 (4)
R45	**very strong coverage:** continuous and purpose-oriented testing with metrics and thresholds	**very strong depth:** "The testing of high-risk AI systems shall be performed...prior defined metrics and probabilistic thresholds..."
CE45	**strong coverage:** examination, test and validation procedures	**strong depth:** "examination, test and validation procedures to be carried out before, during and after the development of the high-risk AI system, and the frequency with which they have to be carried out"

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I54	**strong coverage:** continuous adoption of targeted measures to constrain operation within safe parameters under identified risks	**strong depth:** "This process should ensure that the provider identifies risks or adverse impacts and implements mitigation measures for the known and reasonably foreseeable risks..." (Recital 65 (4))
J54	**moderate coverage:** only risks that can be mitigated through design or technical information	**strong depth:** "...the provider should cover uses of AI systems which, while not directly covered by the intended purpose... may nevertheless be reasonably expected to result from readily predictable human behaviour..." (Recital 65 (7))
M54	**strong coverage:** system operation constraints to acceptable residual risk thresholds	**strong depth:** "The risk-management system should consist of a continuous, iterative process that is planned and run throughout the entire lifecycle of a high-risk AI system... aimed at identifying and mitigating the relevant risks of AI systems on health, safety and fundamental rights" (Recital 65 (1)(2))
N54	**very strong coverage:** system operation constraints through mandatory mitigation and control of residual risks	**very strong depth:** "implementation of adequate mitigation and control measures addressing risks that cannot be eliminated"
AC54	**moderate coverage:** constrains system operation indirectly through governance of training, validation and testing data	**strong depth:** " appropriate measures to detect, prevent and mitigate possible biases..."
DD54	**weak coverage:** systemic risk mitigation at Union level	**weak depth:** "...assess and mitigate possible systemic risks at Union level, including their sources..."
DF54	**weak coverage:** systemic risk focus	**moderate depth:** "...the measures, procedures and modalities for the assessment and management of the systemic risks ... shall be proportionate to the risks..."
DP54	**strong coverage:** investigation, transparency of reporting, and comprehensive risk assessment	**moderate depth:** "...This shall include a risk assessment of the incident, and corrective action."
F55	**very strong coverage:**	continuous identification and analysis of known and foreseeable risks **very strong depth:** "the identification and analysis of the known and the reasonably foreseeable risks that the high-risk AI system can pose to health, safety or fundamental rights..."
G55	**very strong coverage:** continuous iterative risk process with explicit estimation and evaluation of emerging risks and foreseeable misuse	**very strong depth:** "the estimation and evaluation of the risks that may emerge when the high-risk AI system is used in accordance with its intended purpose, and under conditions of reasonably foreseeable misuse"

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K55	**very strong coverage:** identification of combined effects and interactions to minimise unacceptable risks	**very strong depth:** "the provider identifies risks or adverse impacts and implements mitigation measures for the known and reasonably foreseeable risks of AI systems..." (Recital 65 (4))
S55	**moderate coverage:** risk management linked to vulnerable groups	**strong depth:** "That process should be aimed at identifying and mitigating the relevant risks of AI systems on health, safety and fundamental rights" (Recital 65 (2)
AQ55	**very strong coverage:** logging capabilities enabling identification of risk situations	**very strong depth:** "high-risk AI systems should technically allow for the automatic recording of events, by means of logs, over the duration of the lifetime of the system" (Recital 71 (5))
CH55	**strong coverage:** general requirement for implementing a quality management system including risk management	**weak depth:** "the risk management system referred to in Article 9"
DC55	**very strong coverage:** focus on identifying and mitigating systemic risks	**moderate depth:** "...with a view to identifying and mitigating systemic risks..."
DE55	**strong coverage:** systemic risk identification at Union level	**strong depth:** "the identification of the type and nature of the systemic risks at Union level, including their sources, where appropriate"
N56	**moderate coverage:** mitigation and control measures for residual risk	**strong depth:** "the risk-management system should adopt the most appropriate risk-management measures in light of the state of the art in AI" (Recital 65 (5))
CJ57	**strong coverage:** serious incident communication	**weak depth:** "procedures related to the reporting of a serious incident in accordance with Article 73"
CQ57	**moderate coverage:** regulatory compliance action linked to risk warning	**strong depth:** "...shall immediately take the necessary corrective actions to bring that system into conformity, to withdraw it, to disable it, or to recall it..."
CR57	**very weak coverage:** authority notification and corrective action	**weak depth:** "...inform the market surveillance authorities competent for the high-risk AI system concerned..."
CU57	**weak coverage:** focus on reporting and suspension duties	**very weak depth:** "Where deployers have identified a serious incident, they shall also immediately inform first the provider..."
CZ58	**moderate coverage:** focus on information exchange	**moderate depth:** "...to providers of AI systems who intend to integrate the general-purpose AI model into their AI systems..."

Cell	Rationale Coverage	Rationale Depth
Y61	**strong coverage:** complete data preparation processes for training, validation and testing	**very strong depth:** "Data sets for training, validation and testing, including the labels, should be relevant, sufficiently representative, and to the best extent possible free of errors and complete in view of the intended purpose of the system" (Recital 67 (3)
AA61	**moderate coverage:** completeness of data sets through governance and management practices	**moderate depth:** " an assessment of the availability, quantity and suitability of the data sets..."
AD61	**very strong coverage:** identification and addressing of data gaps	**very strong depth:** "the identification of relevant data gaps or shortcomings that prevent compliance with this Regulation, and how those gaps and shortcomings can be addressed."
AE61	**very strong coverage:** relevance, representativeness, completeness, and error-freeness of data sets	**very strong depth:** " Training, validation and testing data sets shall be relevant, sufficiently representative, and to the best extent possible, free of errors and complete in view of the intended purpose..."
CG61	**strong coverage:** multiple phases of data lifecycle	**moderate depth:** "systems and procedures for data management, including data acquisition, data collection, data analysis, data labelling, data storage, data filtration, data mining, data aggregation, data retention..."
Y63	**strong coverage:** coherence and error-free processing of training, validation, and testing datasets	**very strong depth:** "Data sets for training, validation and testing, including the labels, should be relevant, sufficiently representative, and to the best extent possible free of errors and complete..." (Recital 67 (3))
Z64	**moderate coverage:** link between assumptions and representation	**moderate depth:** "the formulation of assumptions, in particular with respect to the information that the data are supposed to measure and represent;"
AE64	**very strong coverage:** accuracy by demanding relevance, representativeness, error-free and complete data with statistical adequacy	**strong depth:** "... data sets shall be relevant, sufficiently representative, and to the best extent possible, free of errors and complete in view of the intended purpose. They shall have the appropriate statistical properties..."
AG64	**weak coverage:** bias detection and correction via special category data	**strong depth:** "the bias detection and correction cannot be effectively fulfilled by processing other data, including synthetic or anonymised data"
X66	**moderate coverage:** credibility of data through governance and management practices on collection and origin	**moderate depth:** "High-quality data sets for training, validation and testing require the implementation of appropriate data governance and management practices..." (Recital 67 (2)

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V67	**strong coverage:** link of data governance and management practices to standards, conventions, and regulations	**strong depth:** "Training, validation and testing data sets shall be subject to data governance and management practices ..."
W67	**moderate coverage:** alignment of data attributes with standards and governance conventions	**weak depth:** "...the relevant design choices"
AL67	**very strong coverage:** adherence to data protection regulations and standards in bias detection context	**very strong depth:** "the records of processing activities pursuant to Regulations (EU) 2016/679 and (EU) 2018/1725 and Directive (EU) 2016/680 include the reasons why the processing of special categories of personal data was strictly necessary..."
CF67	**weak coverage:** alignment with standards and regulatory conventions	**weak depth:** "...standards, to be applied ... ensure that the high-risk AI system complies with those requirements"
AH68	**strong coverage:** limitation, technical safeguards, and state-of-the-art privacy-preserving measures	**very strong depth:** "the special categories of personal data are subject to technical limitations on the re-use of the personal data, and state-of-the-art security and privacy-preserving measures..."
AI68	**very strong coverage:** strict access control, safeguards, and confidentiality obligations	**very strong depth:** "the special categories of personal data are subject to measures to ensure that the personal data processed are secured, protected, subject to suitable safeguards, including strict controls and documentation of the access..."
AJ68	**very strong coverage:** restricts access, transfer, and transmission of special categories of personal data	**very strong depth:** "the special categories of personal data are not to be transmitted, transferred or otherwise accessed by other parties"
X71	**very strong coverage:** governance and management practices for training, validation and testing data enabling audit trail	**very strong depth:** "data collection processes and the origin of data, and in the case of personal data, the original purpose of the data collection"
AL71	**very strong coverage:** recording of processing reasons for sensitive data enabling audit trail	**very strong depth:** "the records of processing activities... include the reasons why the processing of special categories of personal data was strictly necessary to detect and correct biases..."
CG71	**moderate coverage:** documentation and auditability of processes through quality management	**weak depth:** "...documented in a systematic and orderly manner in the form of written policies, procedures and instructions..."
Y72	**strong coverage:** governance and management of training, validation and testing data including annotation and labelling	**very strong depth:** "Data sets for training, validation and testing, including the labels, should be relevant, sufficiently representative, and to the best extent possible free of errors and complete..." (Recital 67 (3)

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AA73	**very strong coverage:** assessment of availability of training, validation, and testing datasets	**very strong depth:** "an assessment of the availability, quantity and suitability of the data sets that are needed"
AA76	**strong coverage:** representativeness by mandating assessment of availability, quantity and suitability of training, validation and testing data sets	**very strong depth:** "Data sets for training, validation and testing... should be relevant, sufficiently representative, and to the best extent possible free of errors and complete..." (Recital 67 (3))
AB76	**very strong coverage:** data distribution corresponds to environment (free of biases)	**very strong depth:** "Data sets for training, validation and testing, including the labels, should be relevant, sufficiently representative..." (Recital 67 (3))
AE76	**very strong coverage:** data representativeness and bias freedom linked to environment and intended users	**very strong depth:** "Data sets for training, validation and testing... should be relevant, sufficiently representative, and to the best extent possible free of errors ..." (Recital 67 (3))
AF76	**very strong coverage:** representativeness of data distribution in relation to geographical, contextual, behavioural, and functional environment	**very strong depth:** "Data sets for training, validation and testing... should be relevant, sufficiently representative, and to the best extent possible free of errors and complete in view of the intended purpose of the system..." (Recital 67 (3))
AG76	**moderate coverage:** obligation to process personal data only when bias detection and correction cannot be	**moderate depth:** "the bias detection and correction cannot be effectively fulfilled by processing other data, including synthetic or anonymised data"
CT76	**strong coverage:** relevance and sufficient representativeness of input data	**moderate depth:** "...deployer shall ensure that input data is relevant and sufficiently representative in view of the intended purpose of the high-risk AI system."
DE77	**strong coverage:** independence assurance through 'functionally separate, isolated and protected environment'	**strong depth:** "any personal data to be processed ... are in a functionally separate, isolated and protected data processing environment..."
U77	**strong coverage:** quality criteria for training, validation and testing datasets to prevent leakage and ensure independence	**very strong depth:** "High-quality data sets for training, validation and testing require the implementation of appropriate data governance and management practices... Data sets for training, validation and testing, including the labels, should be relevant, sufficiently representative, and to the best extent possible free of errors and complete..." (Recital 67 (2)(3))
AM77	**weak coverage:** restricts applicability only to testing datasets	**weak depth:** "...paragraphs 2 to 5 apply only to the testing data sets..."
AK79	**moderate coverage:** temporality linked to data lifecycle by mandating deletion upon correction of bias or end of retention period	**strong depth:** "the special categories of personal data are deleted once the bias has been corrected or the personal data has reached the end of its retention period...'

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DF79	**weak coverage:** focus on data deletion event	**weak depth:** "...deleted once the participation in the sandbox has terminated or the personal data has reached the end of its retention period..."
BU82	**strong coverage:** timely prevention of harm	**strong depth:** "... to decide, in any particular situation, not to use the high-risk AI system or to otherwise disregard, override or reverse the output of the high-risk AI system..."
BV82	**very strong coverage:** operator intervention in timely manner for prevention of harm or hazard	**very strong depth:** "to intervene in the operation of the high-risk AI system or interrupt the system through a 'stop' button or a similar procedure that allows the system to come to a halt in a safe state"
DI82	**strong coverage:** operator ability to reverse and disregard AI outputs (timely prevention of harm)	**strong depth:** "the predictions, recommendations or decisions of the AI system can be effectively reversed and disregarded"
AW83	**strong coverage:** unique traceability of human actions through mandatory logging	**strong depth:** "the identification of the natural persons involved in the verification of the results..."
AZ83	**moderate coverage:** traceability of human actors via identity and contact information	**moderate depth:** "The instructions for use shall contain at least the following information: (a) the identity and the contact details of the provider..."
BW83	**moderate coverage:** focus on human traceability	**strong depth:** "no action or decision is taken by the deployer ... unless that identification has been separately verified and confirmed by at least two natural persons with the necessary competence, training and authority"
CM83	**strong coverage:** 'accountability framework' ensuring traceability	**strong depth:** "...an accountability framework setting out the responsibilities of the management and other staff..."
AR84	**moderate coverage:** observation of system functioning through mandatory logging	**moderate depth:** "Having comprehensible information on how high-risk AI systems have been developed and how they perform throughout their lifetime is essential..." (Recital 71)
AS84	**very strong coverage:** logging capabilities for monitoring indicators	**very strong depth:** "Having comprehensible information on how high-risk AI systems have been developed and how they perform throughout their lifetime is essential... as well as monitoring of their operations and post market monitoring" (Recital 71 (1))
BN84	**moderate coverage:** risk-commensurate oversight linking indirectly to continuous monitoring	**weak depth:** "High-risk AI systems should be designed and developed in such a way that natural persons can oversee their functioning, ensure that they are used as intended..." (Recital 73 (1))

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BO84	**strong coverage:** linkage of oversight measures to risk, autonomy, and operational context	**moderate depth:** "High-risk AI systems should be designed and developed in such a way that natural persons can oversee their functioning, ensure that they are used as intended and that their impacts are addressed over the system's lifecycle." (Recital 73 (1))
BP84	**strong coverage:** link between oversight measures, risk context, and integration of monitoring into operation	**strong depth:** "...natural persons can oversee their functioning, ensure that they are used as intended and that their impacts are addressed over the system's lifecycle." (Recital 73 (1))
BR84	**strong coverage:** human oversight enablement and monitoring capacity	**strong depth:** "...be able to duly monitor its operation, including in view of detecting and addressing anomalies, dysfunctions and unexpected performance..."
BW84	**strong coverage:** continuous oversight through mandatory human verification and monitoring	**very strong depth:** "...no action or decision may be taken by the deployer on the basis of the identification ... unless this has been separately verified and confirmed by at least two natural persons..." (Recital 73 (5))
CI84	**strong coverage:** post-market monitoring system ensuring systematic observation	**moderate depth:** "the setting-up, implementation and maintenance of a post-market monitoring system, in accordance with Article 72"
CU84	**very strong coverage:** continuous monitoring of operation	**strong depth:** "Deployers shall monitor the operation of the high-risk AI system ..."
DH84	**moderate coverage:** oversight by qualified personnel	**weak depth:** "the testing in real world conditions is effectively overseen by the provider or prospective provider..."
AX87	**very strong coverage:** ransparency of system operation to enable interpretation of outputs	**very strong depth:** "High-risk AI systems shall be designed and developed in such a way as to ensure that their operation is sufficiently transparent to enable deployers to interpret a system's output and use it appropriately..."
BF87	**strong coverage:** input data specifications linked to understanding of system behavior	**moderate depth:** "...specifications for the input data, or any other relevant information in terms of the training, validation and testing data sets used..."
BG87	**moderate coverage:** information that enables deployers to interpret outputs	**strong depth:** "where applicable, information to enable deployers to interpret the output of the high-risk AI system and use it appropriately;"
BI87	**strong coverage:** human oversight measures and technical support for understanding outputs	**strong depth:** "...including the measures to facilitate the interpretation of the outputs of the AI system by the deployers" (Recital 72 (5))

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BJ87	**weak coverage:** operational resources and maintenance indirectly linked to analyzing behaviour	**moderate depth:** "High-risk AI systems should be designed in a manner to enable deployers to understand how the AI system works, evaluate its functionality, and comprehend its strengths and limitations" (Recital 72 (2))
BK87	**moderate coverage:** interpretability only via mechanisms for log collection, storage, and interpretation	**strong depth:** "a description of the mechanisms included within the high-risk AI system that allows deployers to properly collect, store and interpret the logs..."
BT87	**strong coverage:** enablement of humans to correctly interpret AI output	**weak depth:** "to correctly interpret the high-risk AI system's output, taking into account, for example, the interpretation tools and methods available;"
AO88	**very strong coverage:** unified technical documentation ensuring consistent recording and linking of system artifacts across lifecycle stages	**very strong depth:** "Having comprehensible information on how high-risk AI systems have been developed and how they perform throughout their lifetime is essential to enable traceability of those systems..." (Recital 71 (1))
AP88	**very strong coverage:** comprehensive recording of system decisions and lifetime events	**very strong depth:** "High-risk AI systems shall technically allow for the automatic recording of events (logs) over the lifetime of the system" (Recital 71 (5))
AT88	**very strong coverage:** recording of system use periods	**very strong depth:** "Having comprehensible information on how high-risk AI systems have been developed and how they perform throughout their lifetime is essential to enable traceability..." (Recital 71 (1))
AU88	**very strong coverage:** recording of input validation against reference database	**very strong depth:** "Having comprehensible information on how high-risk AI systems have been developed and how they perform throughout their lifetime is essential to enable traceability of those systems..." (Recital 71 (1))
AV88	**moderate coverage:** partial traceability limited to logging of input data	**moderate depth:** "Having comprehensible information on how high-risk AI systems have been developed and how they perform throughout their lifetime is essential to enable traceability..." (Recital 71 (1))
BB88	**strong coverage:** linking system performance, accuracy and robustness to traceability	**strong depth:** "Transparency should be required for high-risk AI systems... accompanied by appropriate information in the form of instructions of use" (Recital 72 (1)(3))
BE88	**moderate coverage:** recording of performance characteristics including group-specific applicability	**moderate depth:** "Such information should include the characteristics, capabilities and limitations of performance of the AI system..." (Recital 72 (4))

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BH88	**moderate coverage:** only pre-determined changes at initial conformity assessment	**strong depth:** "...on the changes that have been pre-determined and assessed for conformity by the provider..." (Recital 72 (5))
DM88	**moderate coverage:**	linking of data, decisions, and artifacts **strong depth:** "The extent to which there exists data and processes that can record the system's decisions and link artifacts at different stages"
BA89	**strong coverage:** provision of system characteristics, capabilities, and limitations in human understandable form	**strong depth:** "High-risk AI systems should be accompanied by appropriate information in the form of instructions of use...Such information should include the characteristics, capabilities and limitations of performance of the AI system" (Recital 72 (3)(4))
BB89	**strong coverage:** disclosure of performance characteristics ensuring human-understandable factors	**strong depth:** 'High-risk AI systems should be designed in a manner to enable deployers to understand how the AI system works, evaluate its functionality, and comprehend its strengths and limitations" (Recital 72 (2))
BC89	**very strong coverage:** disclosure of system characteristics, capabilities and limitations to ensure human understanding	**very strong depth:** "High-risk AI systems should be designed in a manner to enable deployers to understand how the AI system works, evaluate its functionality, and comprehend its strengths and limitations" (Recital 72 (2))
BD89	**moderate coverage:** provision of technical characteristics	**moderate depth:** "High-risk AI systems should be designed in a manner to enable deployers to understand how the AI system works, evaluate its functionality, and comprehend its strengths and limitations" (Recital 72 (2))
BL89	**moderate coverage:** possibility of human oversight	**strong depth:** "High-risk AI systems shall be designed and developed in such a way...that they can be effectively overseen by natural persons..."
BS89	**moderate coverage:** focus on human oversight awareness	**moderate depth:** "to remain aware of the possible tendency of automatically relying or over-relying on the output produced by a high-risk AI system (automation bias)..."
DA89	**strong coverage:** documentation and information obligations enable human-understandable insight	**moderate depth:** "...the information and documentation shall (i) enable providers of AI systems to have a good understanding of the capabilities and limitations of the general-purpose AI model..."