

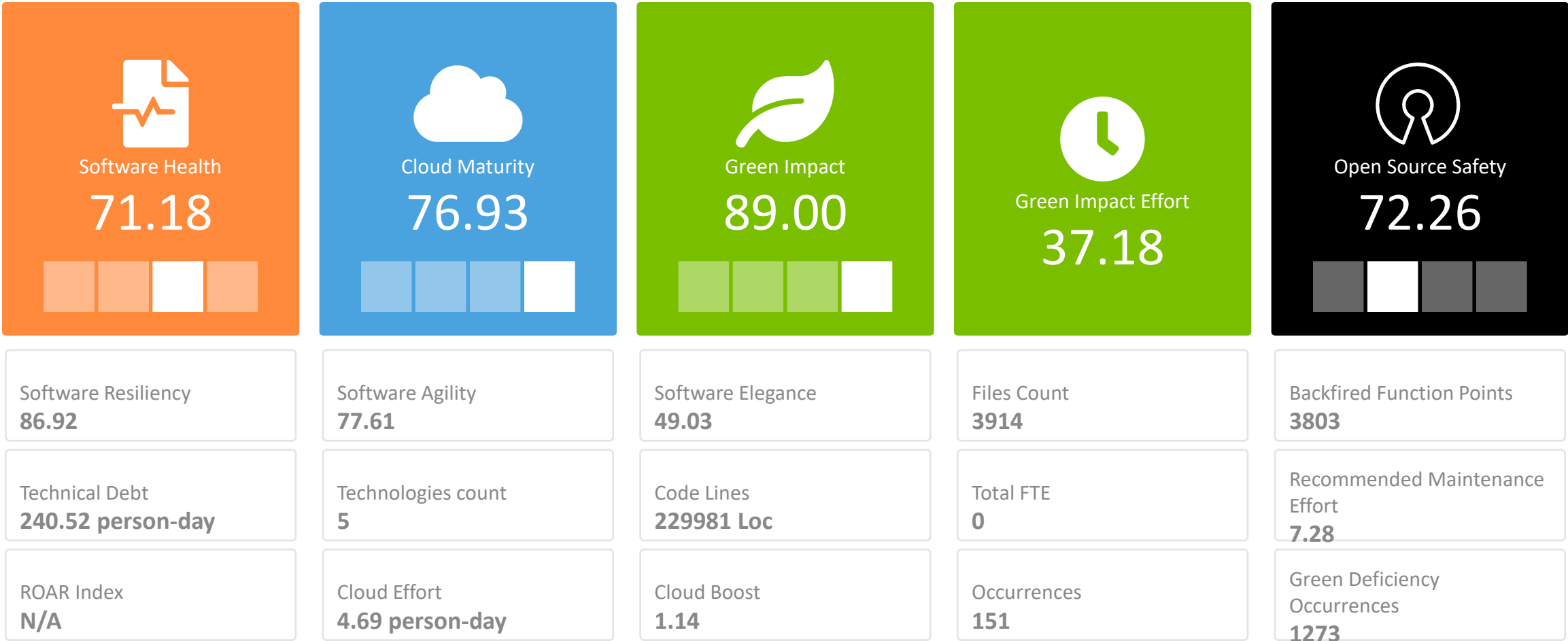
CNSA

SI Evaluation PH (sievaluation-ph.cnsa.fr)

01/28/2026

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Third-party

CAST Consolidates one of the largest databases on software components, with billions of signatures (fingerprints) computed for each version of open source and third-party components. Based on this unique database Highlight compares your application files fingerprint and aggregates component, version, license, release date information at both portfolio and application levels.

Third-Party License Risk



Possible Vulnerabilities



Software Health

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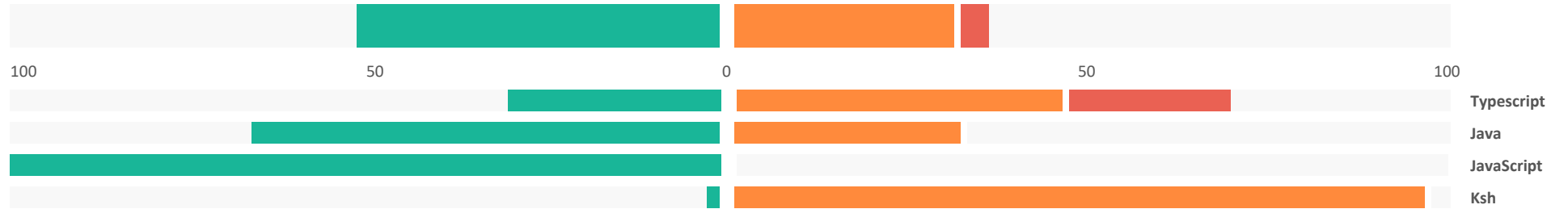
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Risk Distribution

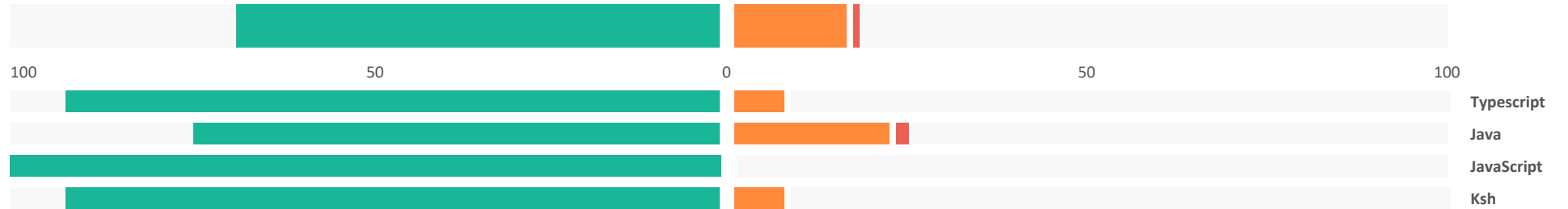
Software Resiliency

86.9



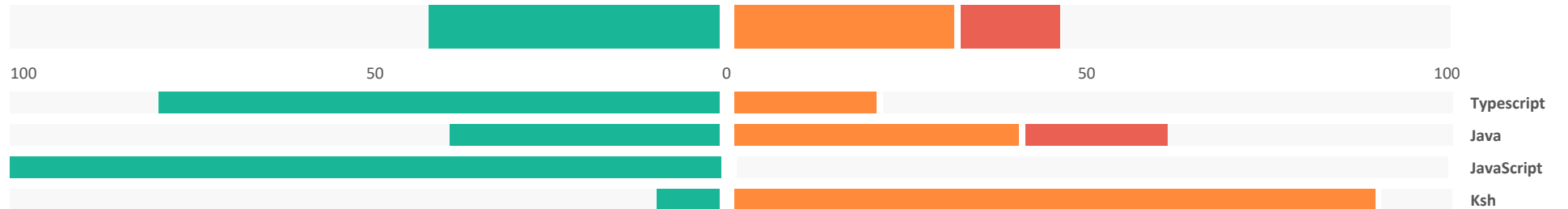
Software Agility

77.6



Software Elegance

49



Green Readiness SI Evaluation PH

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Green Blockers

 Green Pattern	Technology	 Occurrences	Effort (person-day)
<u>Avoid Programs not using explicitly OPEN and CLOSE for files or streams</u>	Java	5	0.1
<u>Avoid String concatenation in loops</u>	Java	679	14.15
<u>Avoid calling a function in a loop condition</u>	Typescript	8	0.5
<u>Avoid calling a function in a loop condition</u>	Java	212	13.25
<u>Avoid empty catch blocks</u>	Java	1	0.02
<u>Avoid instantiations inside loops</u>	Typescript	22	0.46
<u>Avoid instantiations inside loops</u>	Java	167	3.48
<u>Avoid nested loops</u>	Typescript	3	0.19
<u>Avoid nested loops</u>	Java	47	2.94
<u>Prefer comparison-to-0 in loop conditions</u>	Typescript	5	0.05
<u>Prefer comparison-to-0 in loop conditions</u>	Java	92	0.96



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Green Blockers

 Green Pattern	Technology	 Occurrences	Effort (person-day)
<u>Prefer literal initialization</u>	Java	8	0.08
<u>Use a virtualized environment where possible</u>	Typescript	1	0.04
<u>Use a virtualized environment where possible</u>	Java	23	0.96