

Explainable POMCP report generated at: 2021-07-08 16:09:43

Rule: 1

Rule action: fast

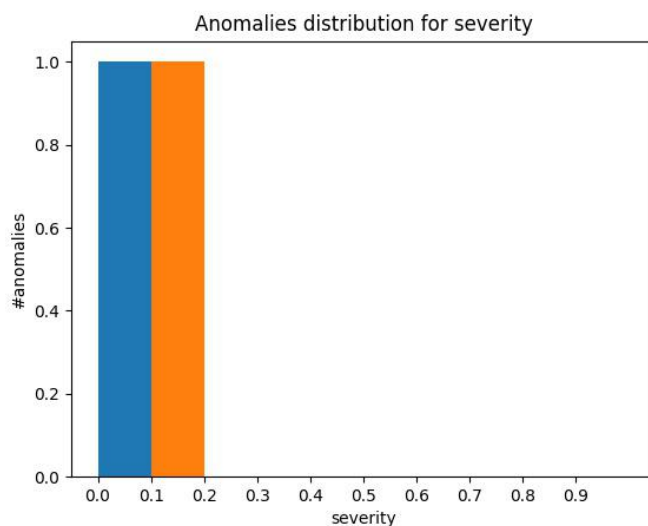
Rule template:

1. easy $\geq x1$
2. difficult $\leq x2$

Rule synthesized:

1. easy ≥ 0.8
2. difficult ≤ 0.04

Figure 1 represents the distribution of Hellinger Distance among anomalies



In table 1, all the anomalies whose action choosen by the agent is equal to the one analyzed in the rule are shown.

#	Run	Step	Action	Beliefs	Severity
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1	run 14	3	fast	easy: 0.59 intermediate: 0.27 difficult: 0.14	0.14
2	run 13	2	fast	easy: 0.73 intermediate: 0.19 difficult: 0.08	0.06

Table 1.

In table 2, all the anomalies whose action chosen by the agent is different to the one analyzed in the rule are shown.

#	Run	Step	Action	Beliefs
1	run 2	9	slow	easy: 0.81 intermediate: 0.13 difficult: 0.06
2	run 2	13	medium	easy: 0.83 intermediate: 0.12 difficult: 0.05
3	run 14	1	medium	easy: 0.83 intermediate: 0.12 difficult: 0.05
4	run 14	25	medium	easy: 0.93 intermediate: 0.06 difficult: 0.01
5	run 16	25	medium	easy: 0.95 intermediate: 0.05 difficult: 0.0
6	run 25	25	slow	easy: 0.8 intermediate: 0.17 difficult: 0.03
7	run 26	23	medium	easy: 0.65 intermediate: 0.31 difficult: 0.04
8	run 27	9	medium	easy: 0.81 intermediate: 0.14 difficult: 0.05

Table 2.