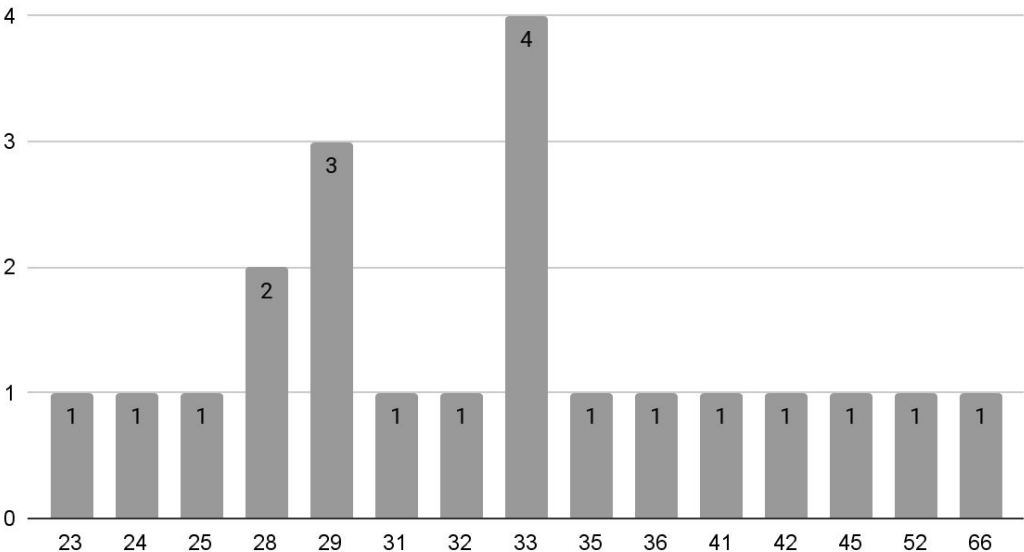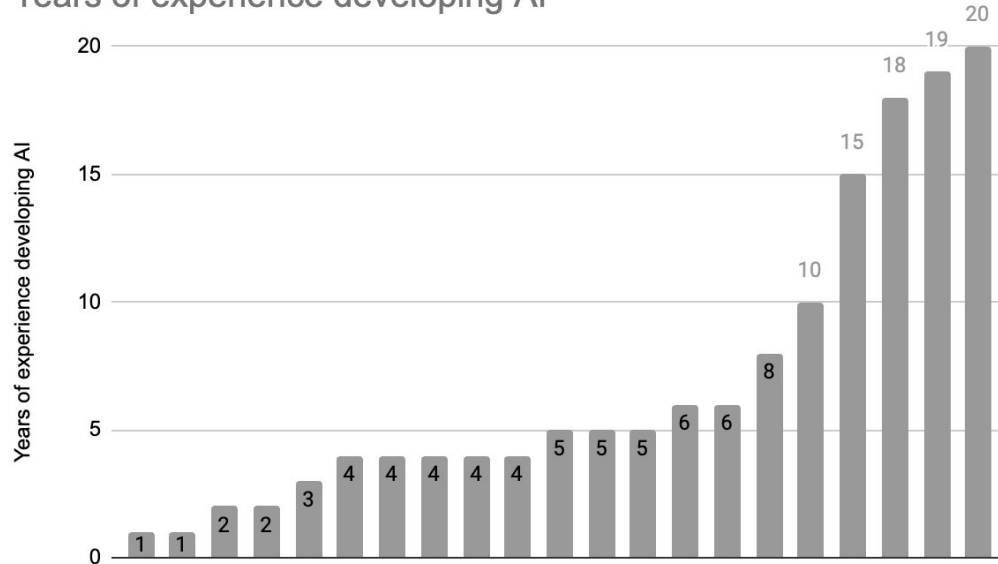# Aggregated Results for Questionnaire Answers

1.1 How old are you?
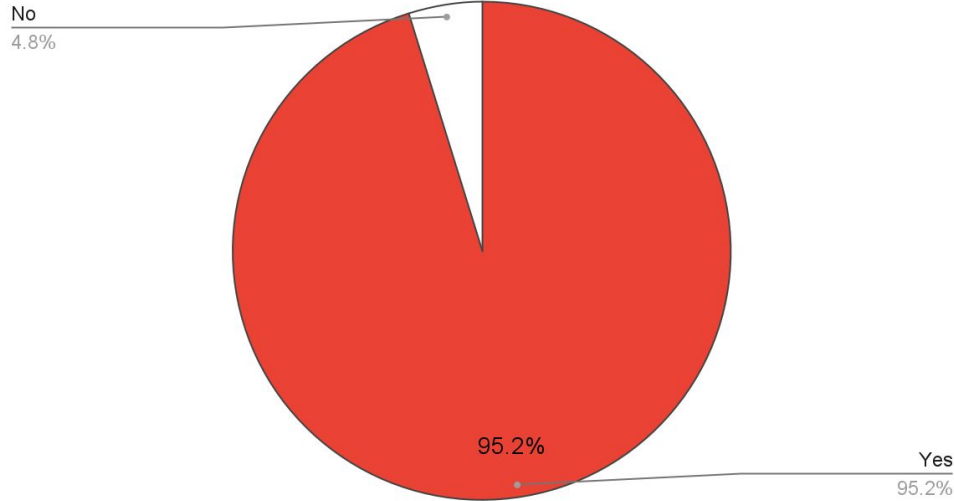
Count of ages of interviewees

1.2 How many years of experience do you have in developing AI systems?

Years of experience developing AI

1.3 Do any of your AI leverage Deep learning (i.e. neural networks)?

Does your AI use deep learning?

No
4.8%

95.2%

Yes
95.2%

1.4 Does your AI - or part of it - qualify as "high-risk" (as proposed by the EU)?

Yes
9.5%

9.5%

I don't know
47.6%

47.6%

No
42.9%

42.9%
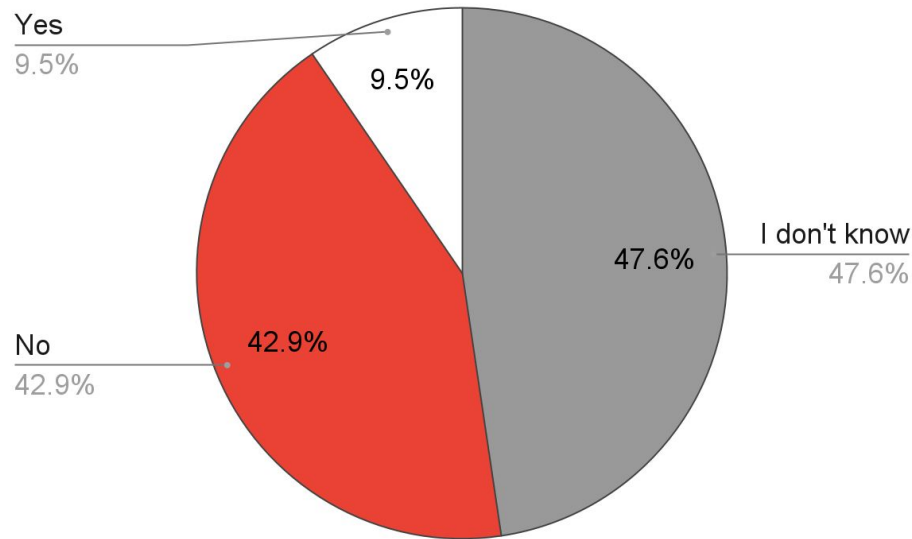
2.1 Is the data you use for the development / improvement / use of your AI stored within Europe, or do you store it elsewhere?

Is the data you use for the development / improvement / use of your AI stored within Europe, or do you store it elsewhere?

Elsewhere
14.3%

Both
4.8%

14.3%

4.8%

81.0%

Europe
81.0%
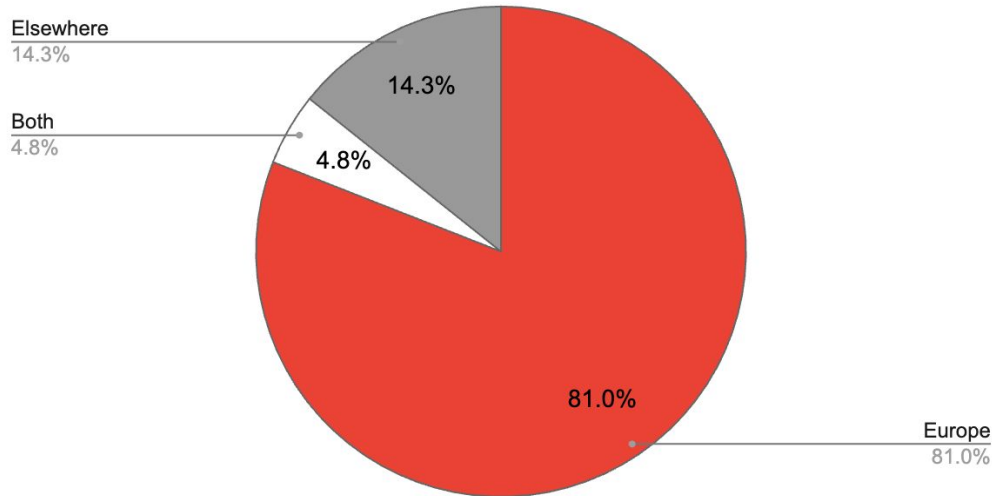
2.2 Which, if any, cloud provider do you use for AI development? (I grouped the answers based on the different answers I received, but this was an open question)

Which, if any, cloud provider do you use? (count of providers used, multiple options possible per company)

| Provider	Count
AWS	12
Google Cloud	9
Microsoft Azure	4
Others	3
No cloud	2
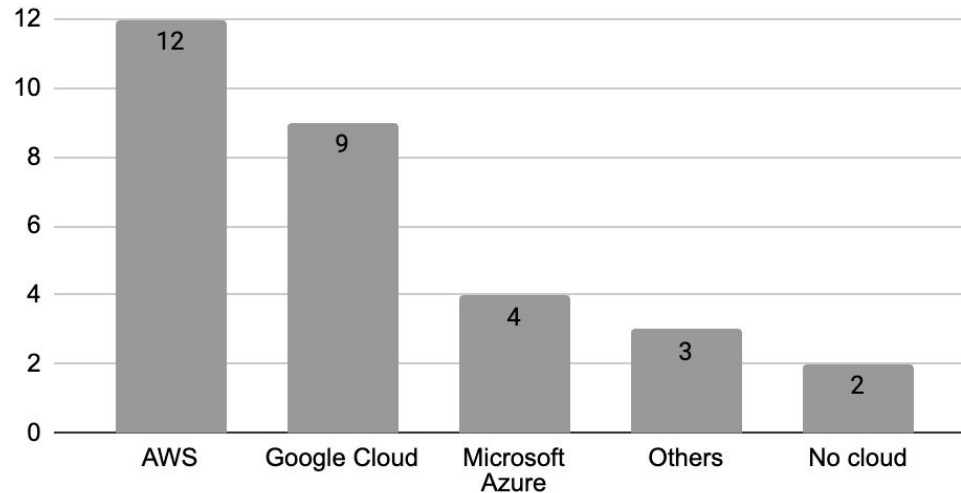
2.3 Do you think that some countries outside of Europe have a regulation landscape that would make your business more profitable or favourable (e.g. USA, China)?


Yes
33.3%

33.3%

66.7%

No
66.7%
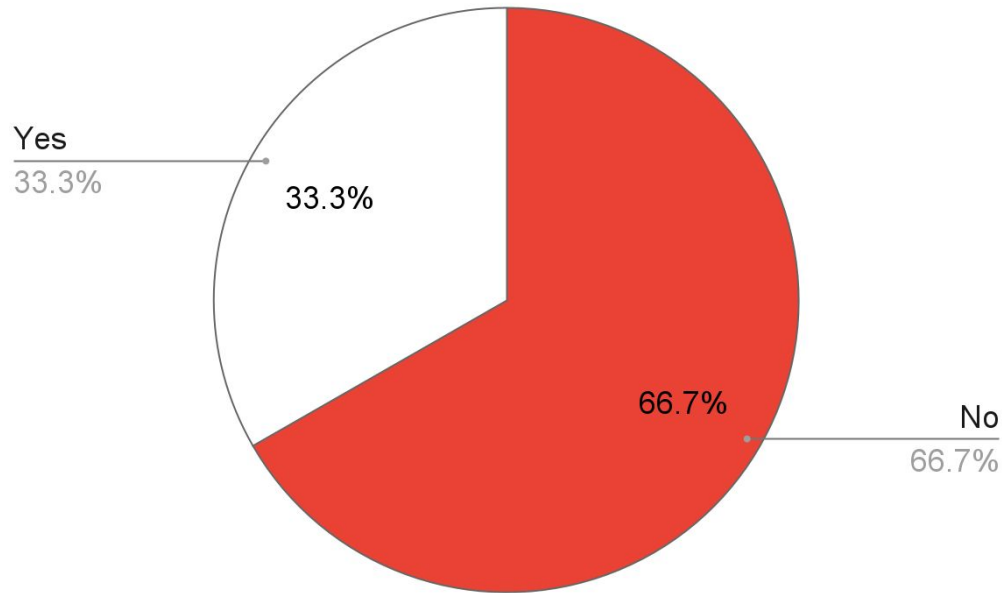
2.4 If your data is currently stored outside of the EU, how difficult would it be for you to relocate your data to a local data storage (within Europe)?

If your data is currently stored outside of the EU, how difficult would it be for you to relocate your data to a local data storage (within Europe)?
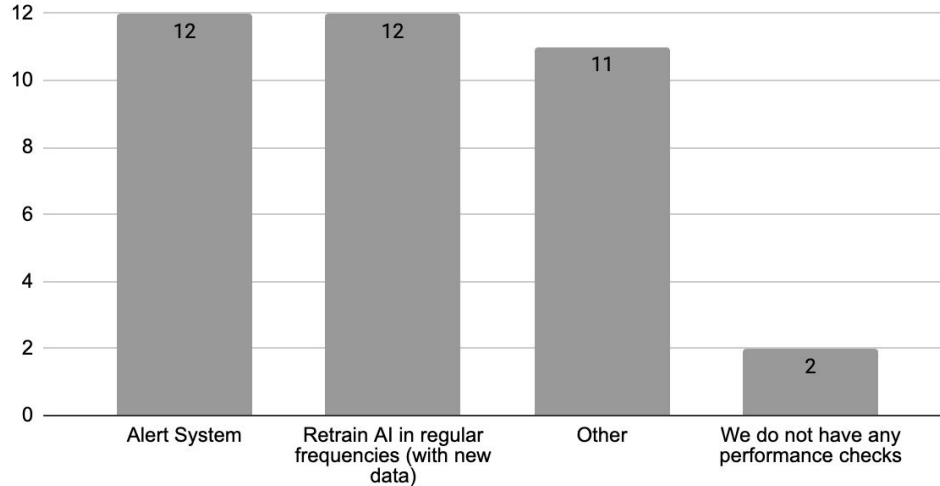

1 = very easy, 10 = very difficult

9
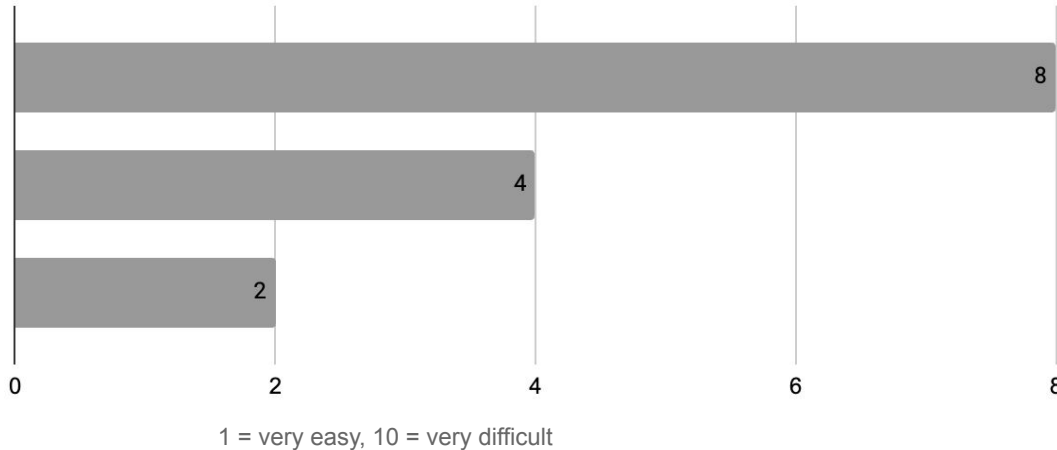
3.1 How often do you assess the performance of your AI?

How often do you assess the performance of your AI?
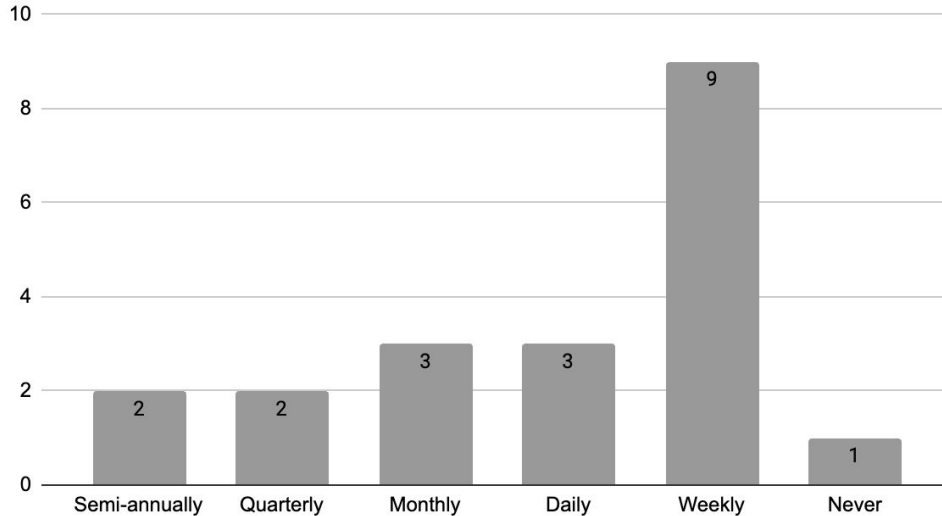
3.2 How do you ensure that the AI system will maintain an adequate level of performance over-time?

How do you ensure that the AI system will maintain an adequate level of performance over-time? (multiple answers possible)

# 3.3 Accountability in AI is becoming increasingly important. Do you already have systems in place that oversee accountability?

Accountability in AI is becoming increasingly important. Do you already have systems in place that oversee accountability?

No, but plan to do so soon
23.8%

23.8%

No
19.0%

19.0%

57.1%

Yes
57.1%
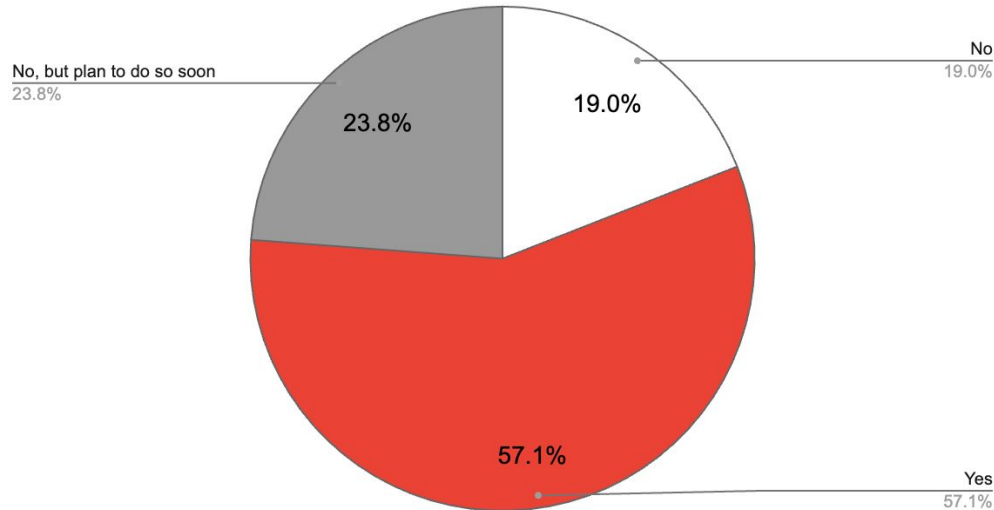
3.4 What do you consider more important: The explainability or the accuracy of your AI?
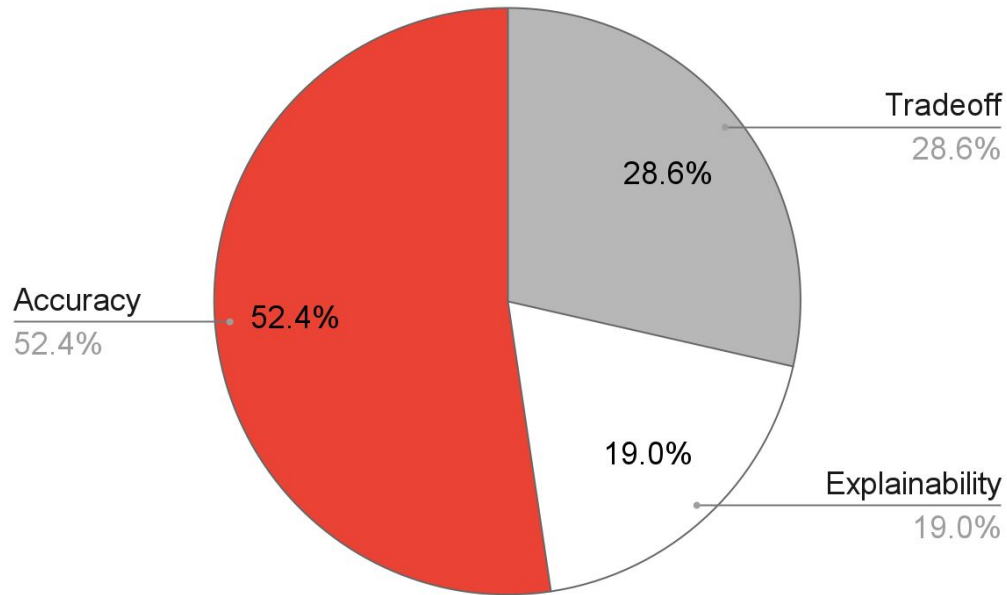
3.5 Bias in AI can occur in many different ways (imbalanced data collection, wrongly labelled samples, biased engineers, etc) and prevents the AI from working correctly. Have you thought of measures on how to mitigate bias?

Bias in AI can occur in many different ways (imbalanced data collection, wrongly labelled samples, biased engineers, etc) and prevents the AI from working correctly. Have you thought of measures on how to mitigate bias?
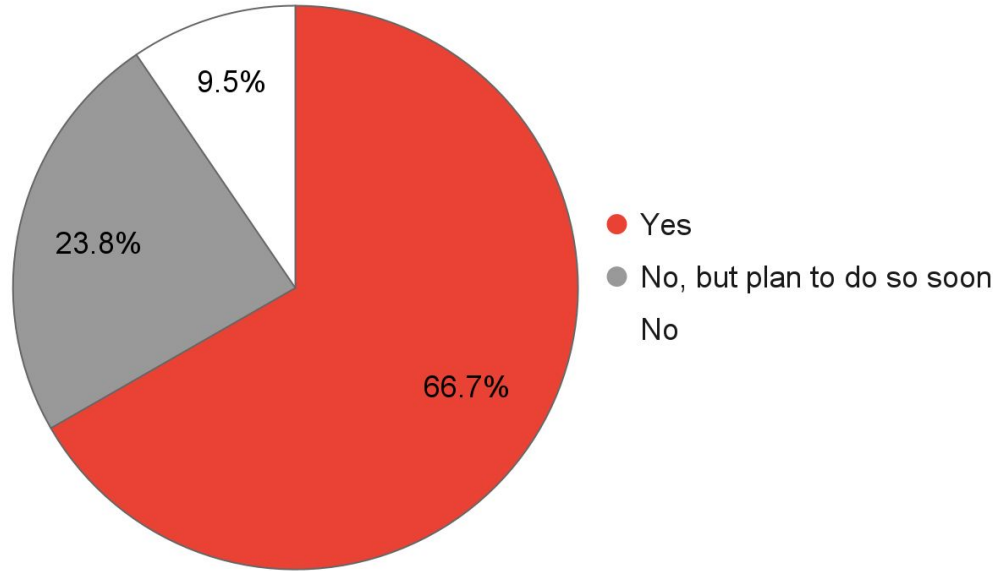
No
9.5%

9.5%

No, but plan to do so
9.5%

9.5%

81.0%

Yes
81.0%
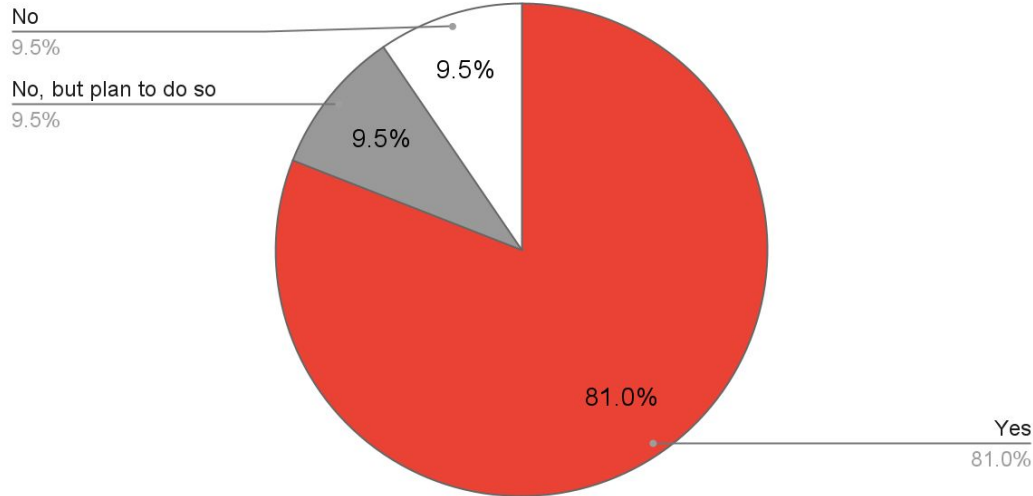
3.6 If yes to 3.5, what have you implemented? (This was an open question: the bins reflect the authors' interpretation of the answers)
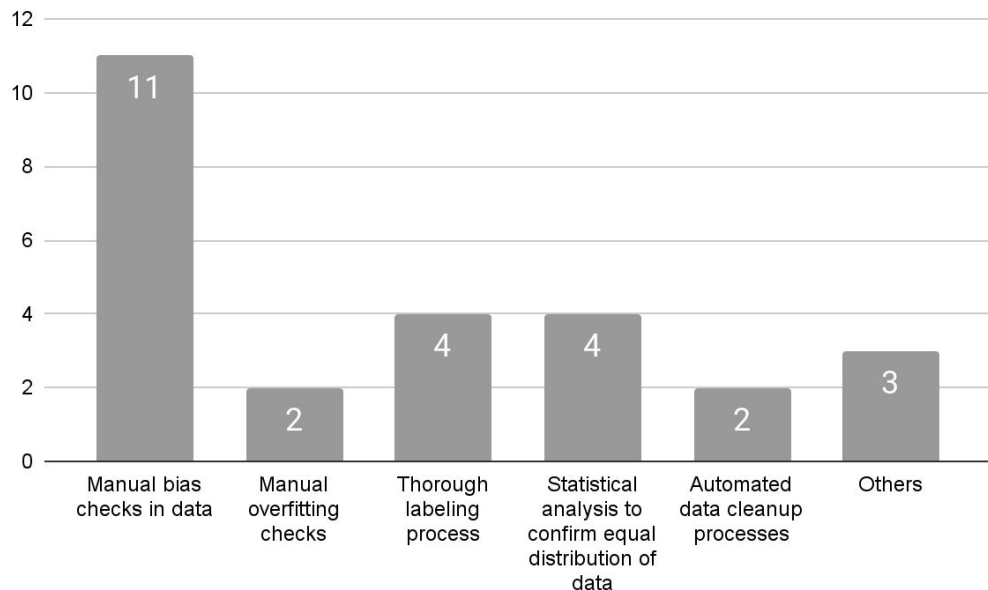
4.1 Do you consider security-by-design principles when developing your AI?

Legend:
- Yes
- No, but plan to do so soon
- No

Pie chart values: 66.7%, 23.8%, 9.5%

# 4.2 Are you aware that the intellectual property of your AI might be at risk? (somebody stealing your AI)

Are you aware that the intellectual property of your AI might be at risk? (somebody stealing your AI)

No
14.3%

14.3%

85.7%

Yes
85.7%
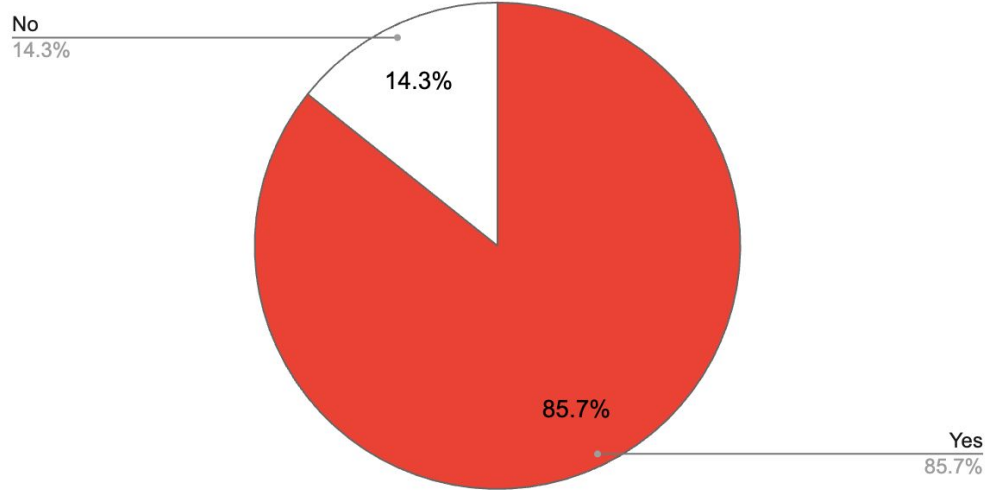
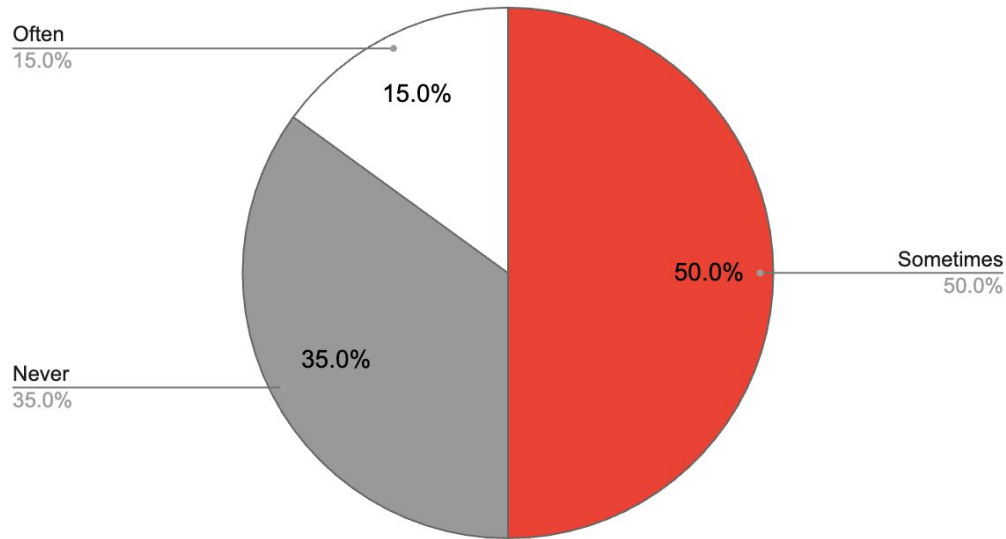# 4.3 How well protected is the intellectual property of your AI?

How well protected is the intellectual property of your AI?

1 = not protected at all, 10 = Extremely well protected
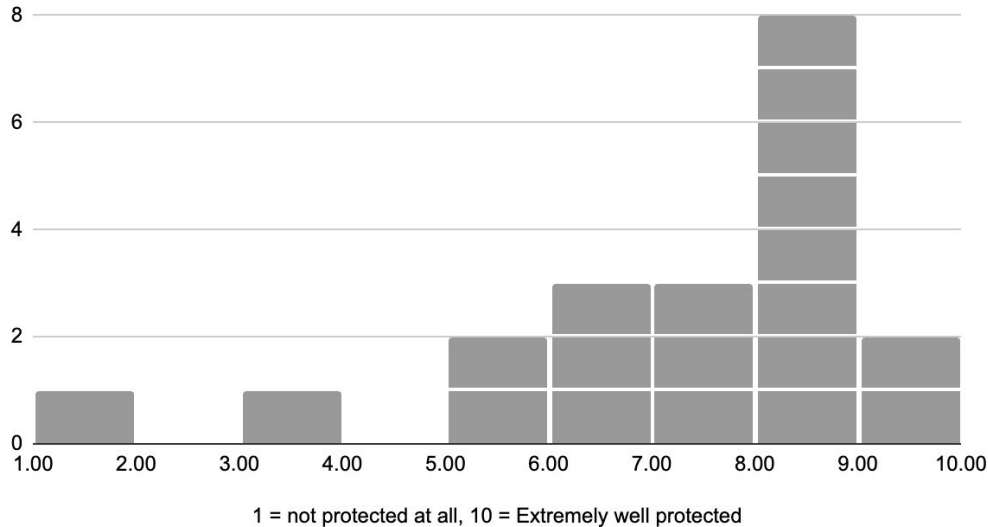
5.1 How often do you encounter legal issues with your AI?

How often do you encounter legal issues with your AI?

Often
15.0%

15.0%

Sometimes
50.0%

50.0%

Never
35.0%

35.0%

5.2 There are calls for more policies and regulations to clarify what is allowed and what isn't in the field of AI. Would you prefer more 'fine-grained' regulations or more general ones?
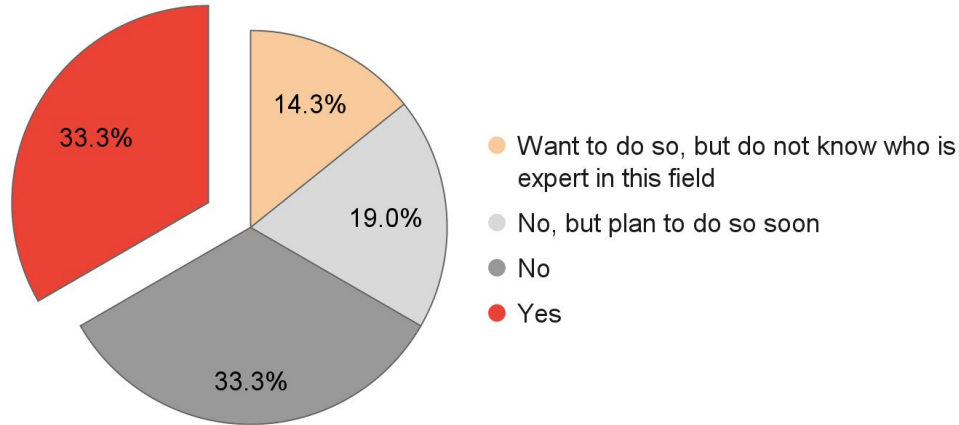
There are calls for more policies and regulations to clarify what is allowed and what isn't in the field of AI. Would you prefer more 'fine-grained' regulations or more general ones?

More general
19.0%

19.0%

No preference
19.0%

19.0%

61.9%

More fine-grained
61.9%
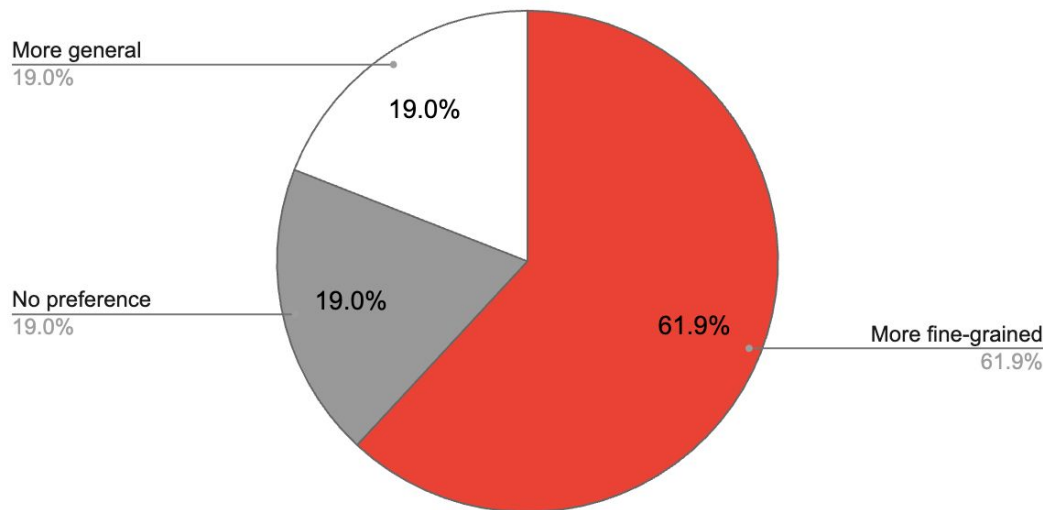
5.3 Do you regularly consult with an expert/lawyer about the current regulations affecting the use of AI?

14.3% — Want to do so, but do not know who is expert in this field

19.0% — No, but plan to do so soon

33.3% — No

33.3% — Yes

5.4 Some existing regulations state that businesses must remove potentially a large amount of data due to privacy protection reasons. Additionally, users could renounce businesses the right to use their data for certain purposes. Do you have fine-grained access to your training data to remove one specific sample?

Some existing regulations state that businesses must remove potentially a large amount of data due to privacy protection reasons. Additionally, users could renounce businesses the right to use their data for certain purposes. Do you have fine-grained access to your

No, but soon
5.0%

5.0%

No
20.0%

20.0%

Yes
75.0%

75.0%
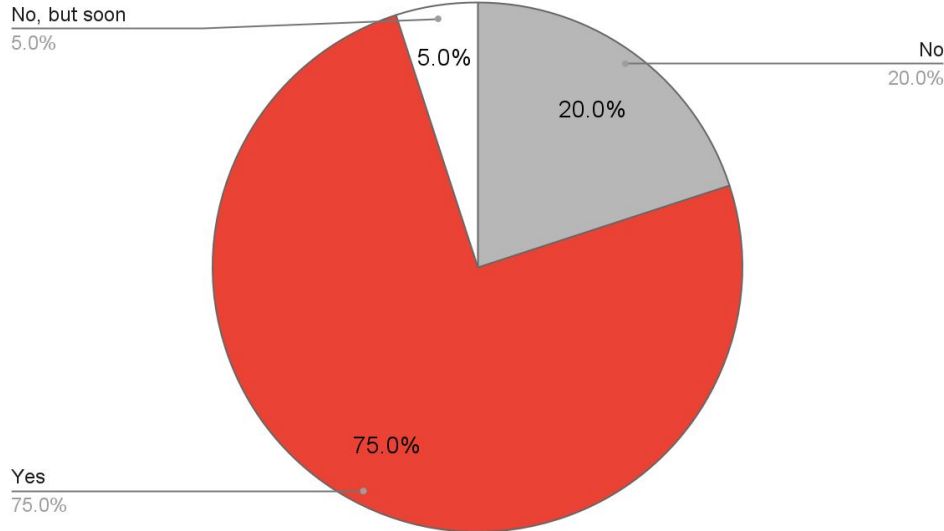
5.5 How well equipped is your business to react to many (e.g. all of a sudden 50 a day) unforeseen requests to remove samples?

How well equipped is your business to react to many (e.g. all of a sudden 50 a day) unforeseen requests to remove samples?

1 = Not equipped yet, 10 = Very well equipped
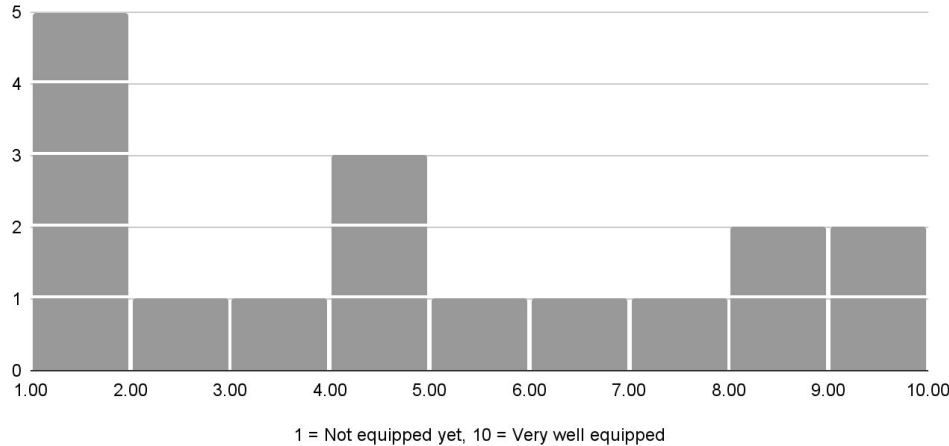
5.6 Do you think that, when asked about disclosing documentation by legal authorities, you must disclose more information than what you currently have available?

Do you think that, when asked about disclosing documentation by legal authorities, you must disclose more information than what you currently have available?

28.6%

38.1%

33.3%
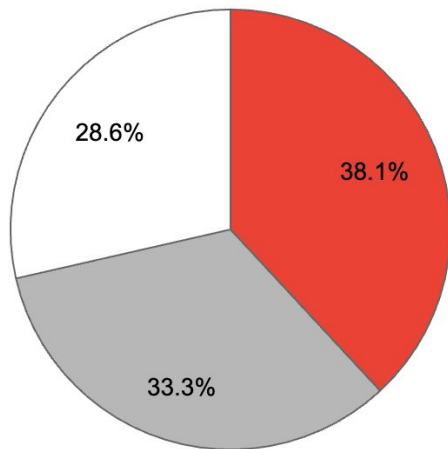
- ● We will need to disclose more information than we currently have available
- ● We have enough documentation available   We have not thought about this yet

5.7 Future regulation might require AI businesses to disclose to users that they are currently interacting with an AI. Do you already disclose that information to the end-users of your product?
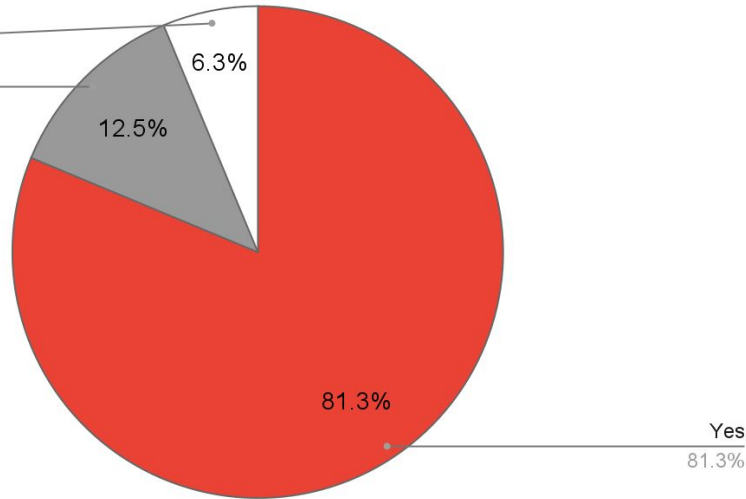
Future regulation might require AI businesses to disclose to users that they are
currently interacting with an AI. Do you already disclose that information to the
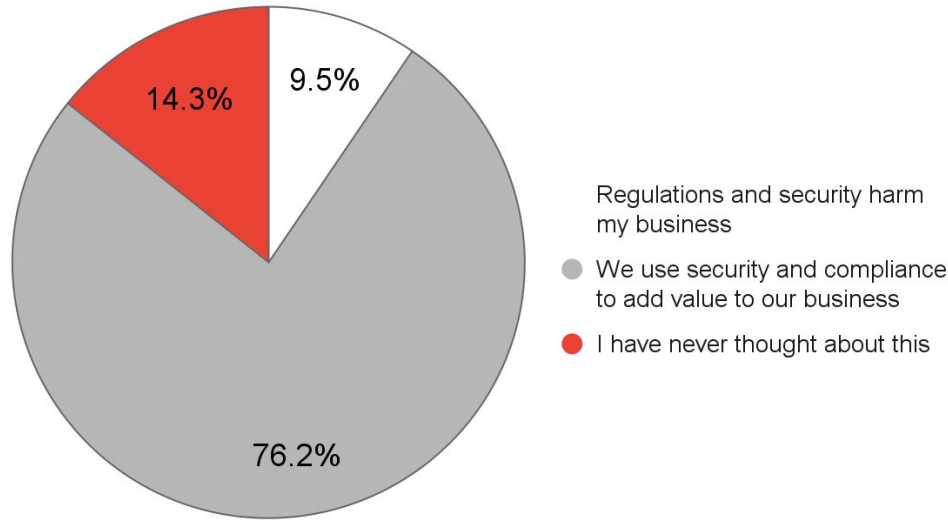
No, but plan to do so
6.3%

No
12.5%

6.3%

12.5%

81.3%

Yes
81.3%

5.8 Do you think that regulations compliance and cyber security measures only harm your AI business or have you thought about using it as an opportunity?

Regulations and security harm my business

We use security and compliance to add value to our business

I have never thought about this

14.3%

9.5%

76.2%

5.9 What do you think should be done to improve the current regulations landscape? (This was an open question: the bins are reflect the authors' interpretation of the answers)
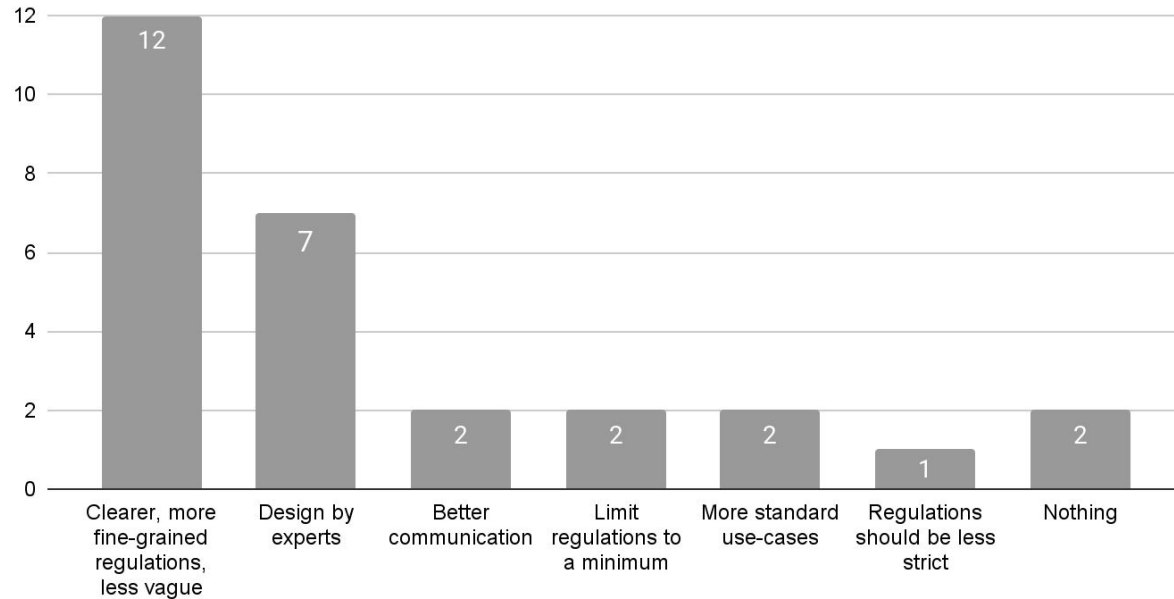
6.1 Research found that most people consuming AI products are incapable of understanding what it is and what it does. Do you think informing your clients about the general architecture of your AI improves trustworthiness?

Research found that most people consuming AI products are incapable of understanding what it is and what it does. Do you think informing your clients about the general architecture of your AI improves trustworthiness?

No
23.8%

23.8%

76.2%

Yes
76.2%
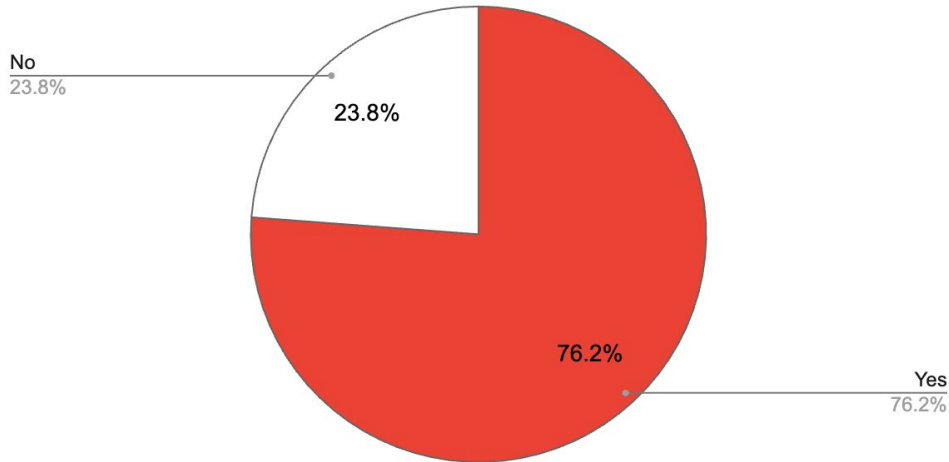
6.2 If yes, how feasible would it be in your case to explain what your AI does (its architecture and how it works)?

If yes, how feasible would it be in your case to explain what your AI does (its architecture and how it works)?
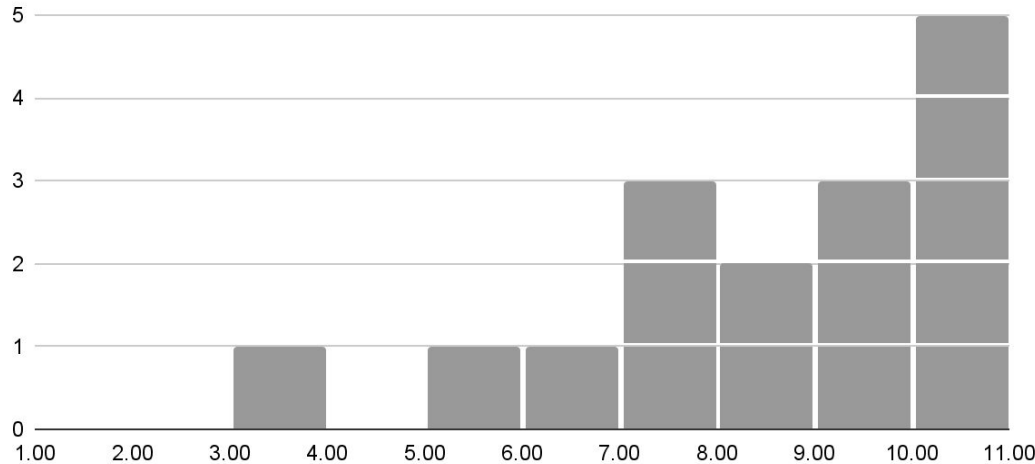
1 = Not feasible, too compliacted, 10 = Feasible, can explain

6.3 From 1 to 10, how much would your company benefit if the general population had a better understanding of AI?

From 1 to 10, how much would your company benefit if the general population had a better understanding of AI?
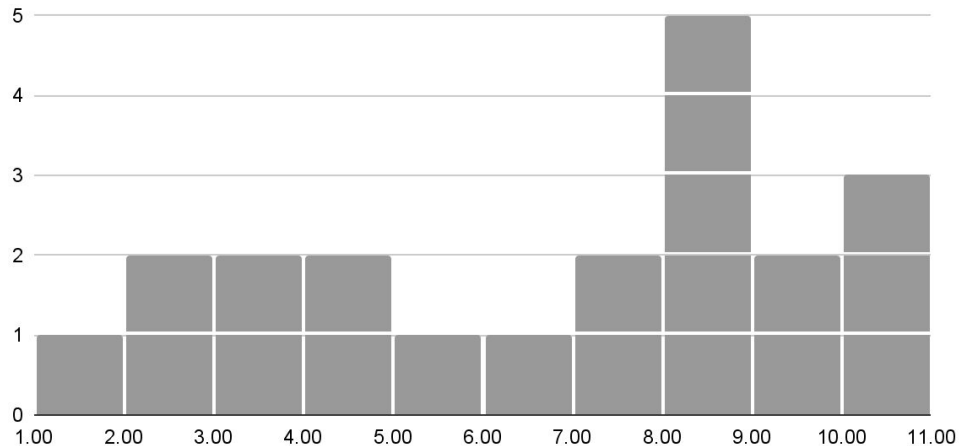
1 = Not benefit at all, 10 = Benefit a lot

6.4 The Assessment List for Trustworthy Artificial Intelligence (ALTAI) is a checklist created in 2020 by a high-level expert group on artificial intelligence appointed by the European Commission. Have you heard about it?

The Assessment List for Trustworthy Artificial Intelligence (ALTAI) is a checklist created in 2020 by a high-level expert group on artificial intelligence appointed by the European Commission. Have you heard about it?

Yes
10.0%

90.0%

No
90.0%
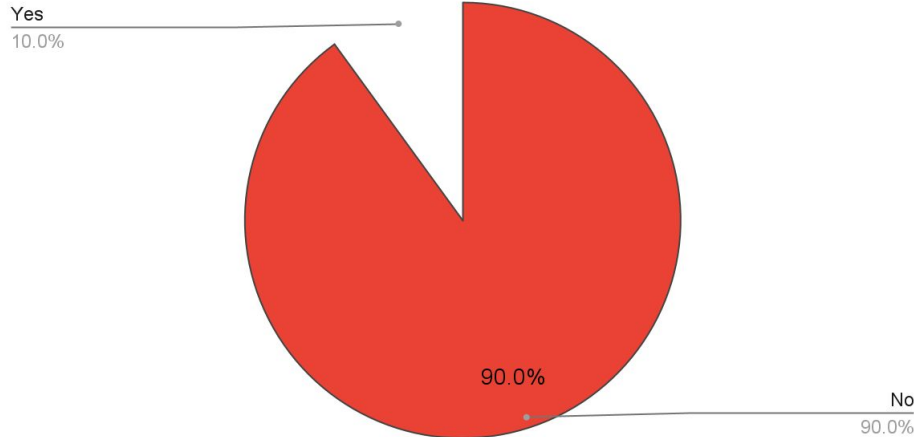
6.5 The expert group has created 7 areas of AI where businesses can ensure the trustworthiness of their AI. Which of the following KPI's are you already implementing?

The expert group has created 7 areas of AI where businesses can ensure the trustworthiness of their AI.
Which of the following KPI's are you already implementing?
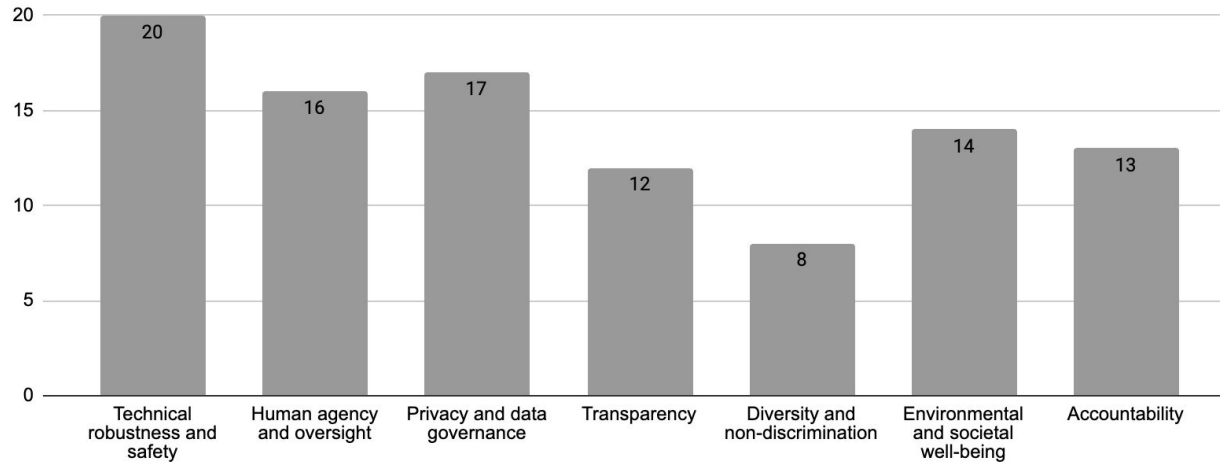
6.6 If you haven't already applied measures, would this checklist help you in making your AI more trustworthy in the future?

If you haven't already applied measures, would this checklist help you in making your AI more trustworthy in the future?

No
9.5%

9.5%

Not sure
14.3%

14.3%

76.2%

Yes
76.2%