Digital Supply Chain Institute Survey 2018

Survey Report

DSCI
DIGITAL·SUPPLY·CHAIN·INSTITUTE

Four areas were surveyed

Algorithm Council

- The secret to unlocking the power of the organization to manage demand and supply is to create an empowered cross-functional team to ask the right questions, collect the right data and build the right algorithms to make the right data-driven decisions. We call this team the “Algorithm Council.”
- The Digital Supply Chain Institute is undertaking research to establish the right organizational structure, membership, skills, and technologies to make the Algorithm Council possible.

Digital Supply Chain that Drives Revenue

- A Digital Supply Chain that drives Revenue will identify programs that can drive the demand stack - Demand stimulation, demand matching, demand management, and demand sensing - through DSC actions.

Digital Supply Chain Accelerator

- Digital Supply Chain Accelerator program is designed to identify actions to accelerate a company’s transformation to a Digital Supply Chain.

Blockchain

- Digital Supply Chain Institute is focused on doing “Proof-of-Value” in the area of Blockchain and alsoprovide specific education and recommendations to companies on integrating blockchain technology to manage cross-enterprise Digital Supply Chain workflow

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Algorithm Council

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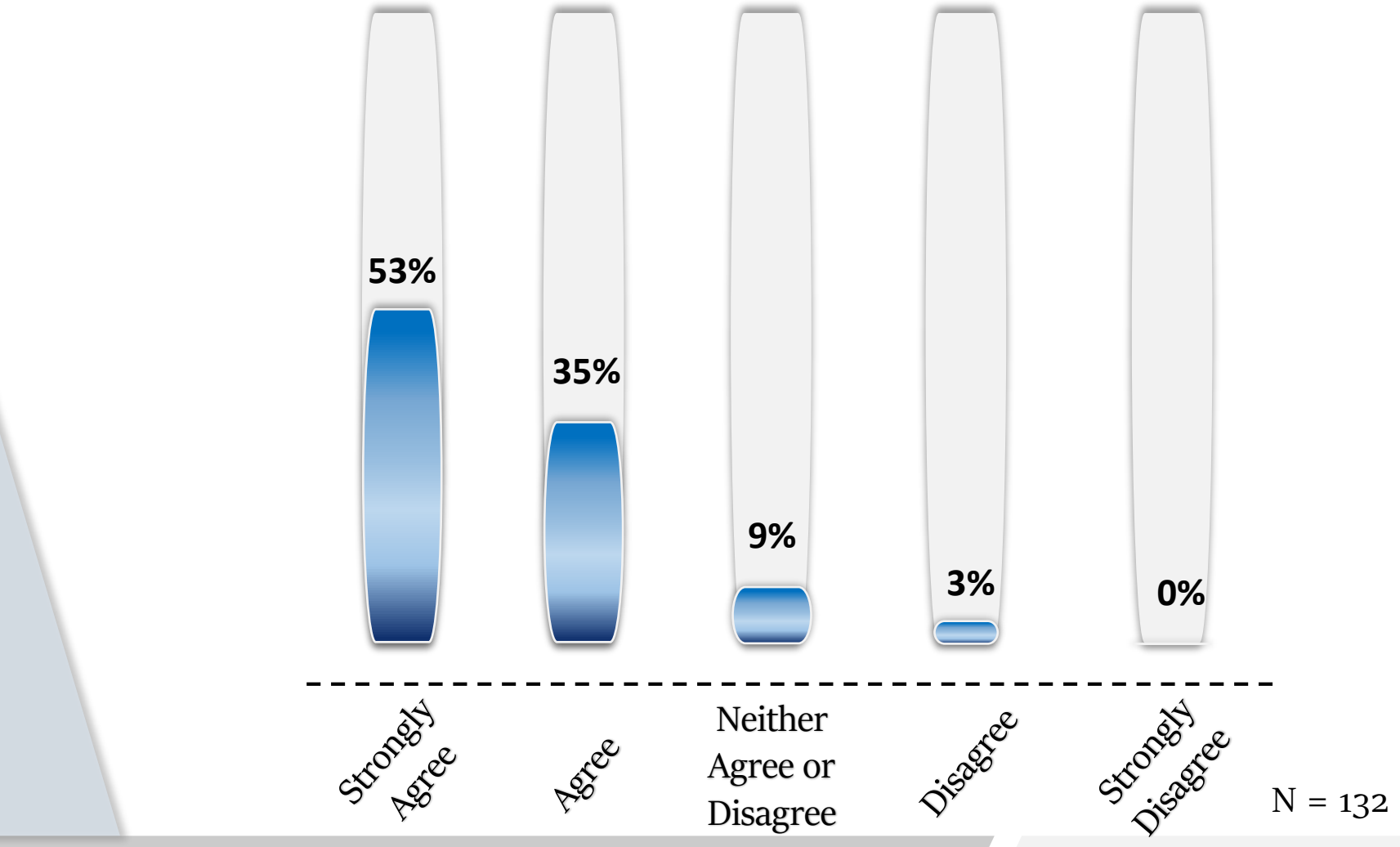
Q. We must dramatically improve our ability to generate algorithms that predict and influence demand.



88% of the respondents strongly agree or agree that they should dramatically improve their ability to use algorithm to predict and influence demand.

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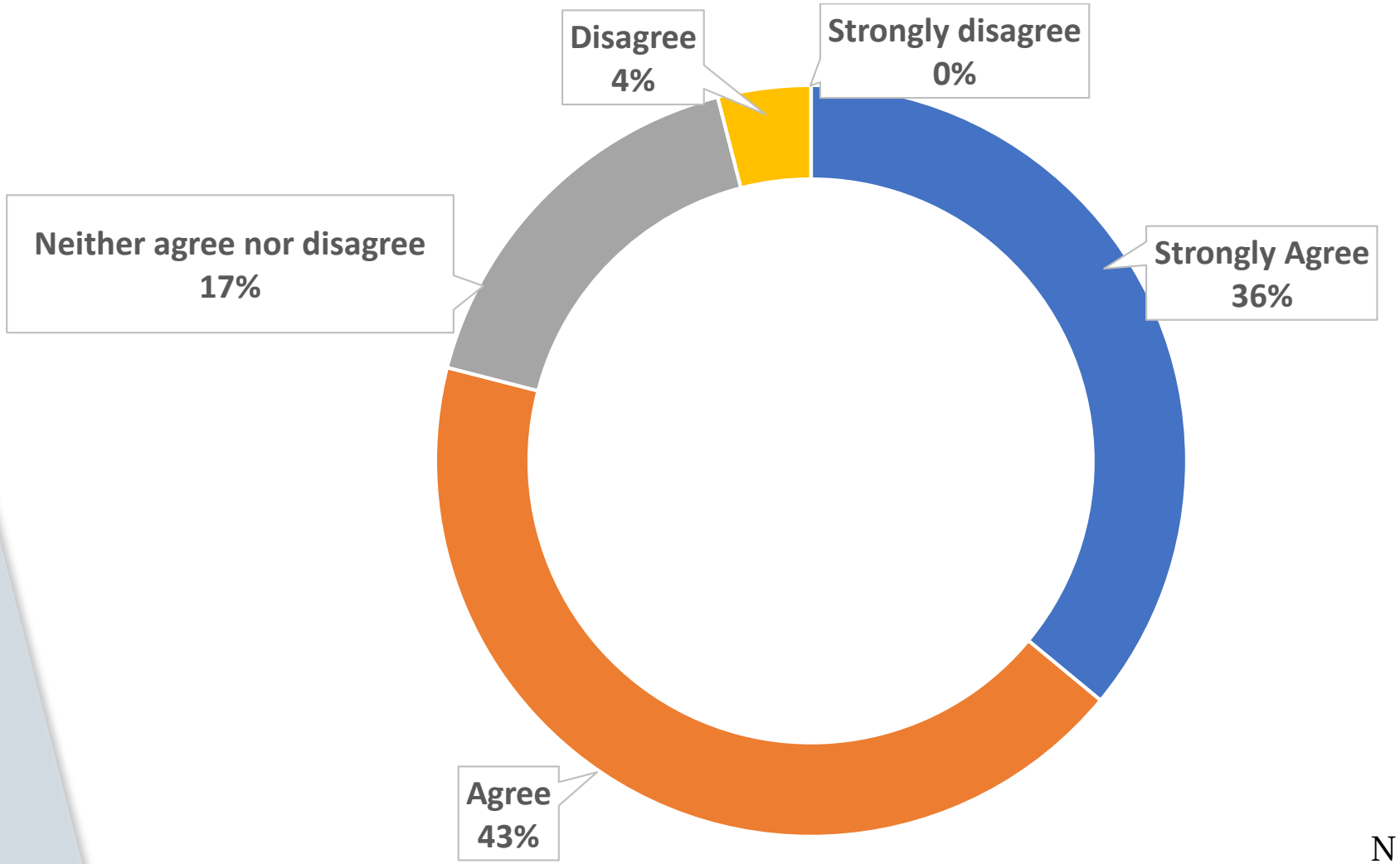
Q. The idea of creating a cross-functional algorithm council is appealing to me.



N = 132

79% of the respondents strongly agree or agree that cross-functional algorithm council is an appealing idea.

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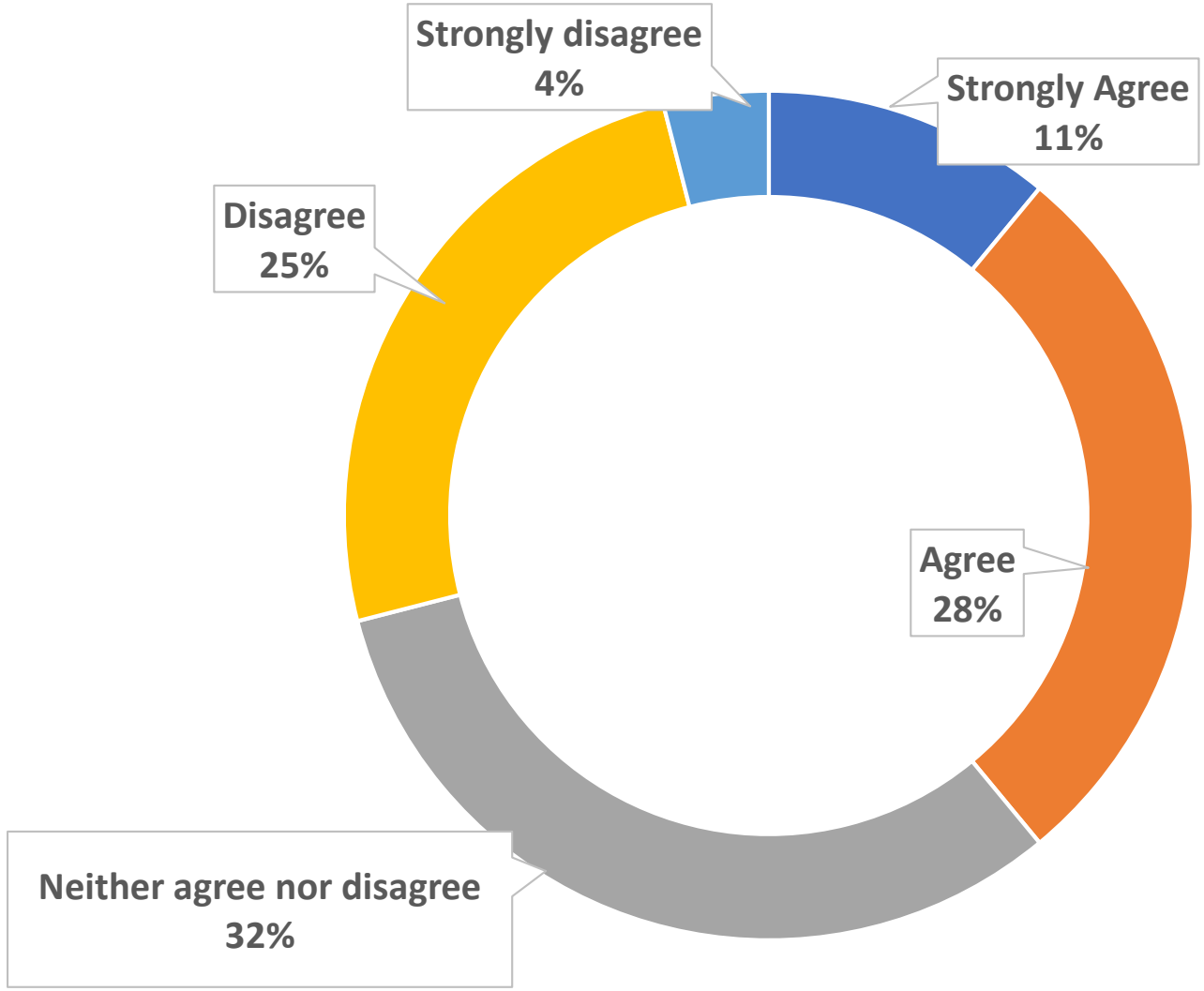
Q. I have the people onboard who can generate and manage algorithms.



N = 132

Only 39% of the respondents agreed or strongly agreed that they have people on-board who can generate and manage algorithms.

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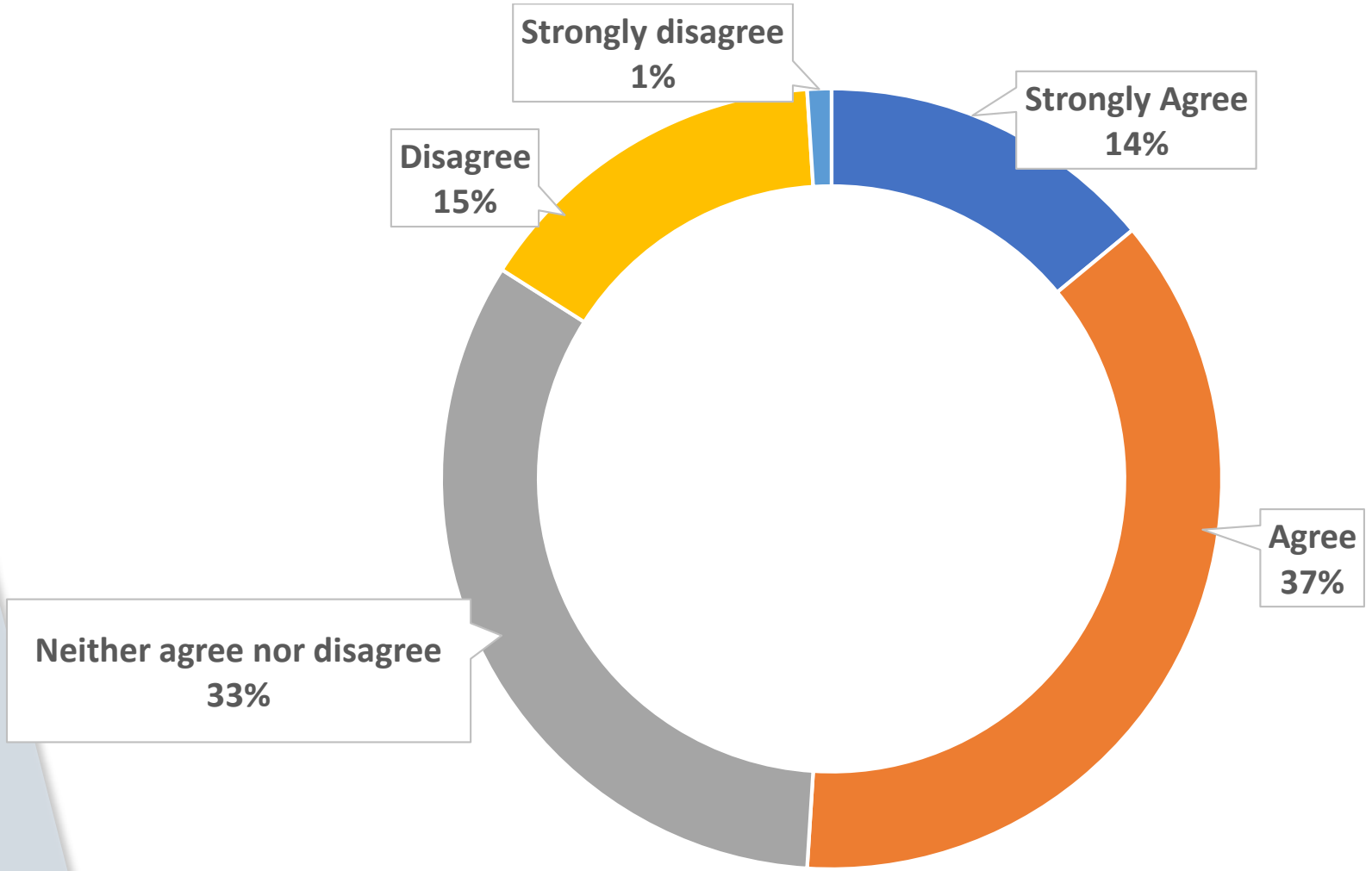
Digital Supply Chain That Drives Revenue

Q. Currently, our supply chain helps us grow revenue as well as match demand.



N = 132

51% of the respondents agree or strongly agree that their supply chain can help grow revenue as well as match demand currently.

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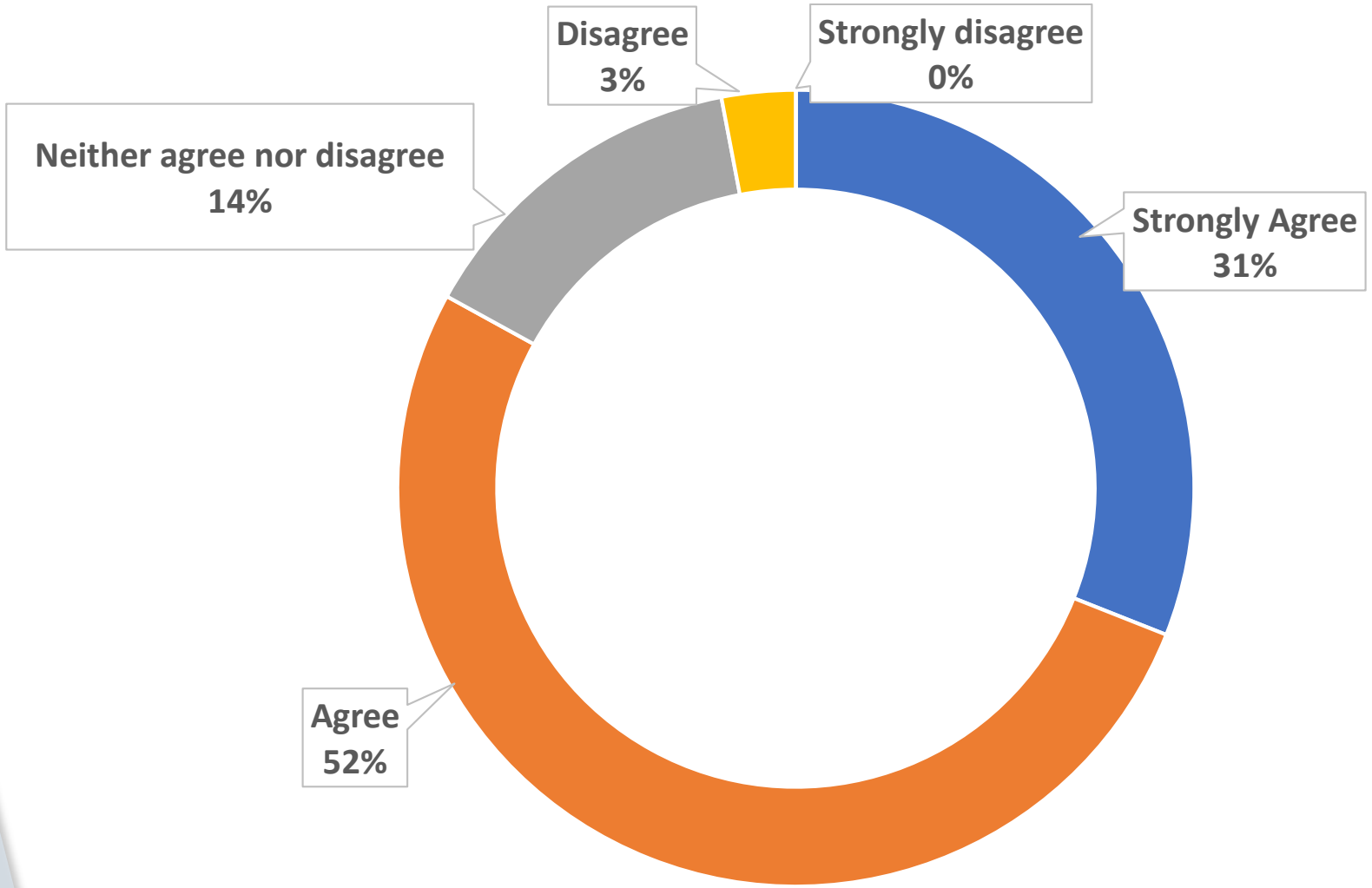
Q. Within the next five years, our supply chain will stimulate revenue growth.



N = 132

83% of the respondents agree or strongly agree that supply chain will stimulate revenue growth in next five years.

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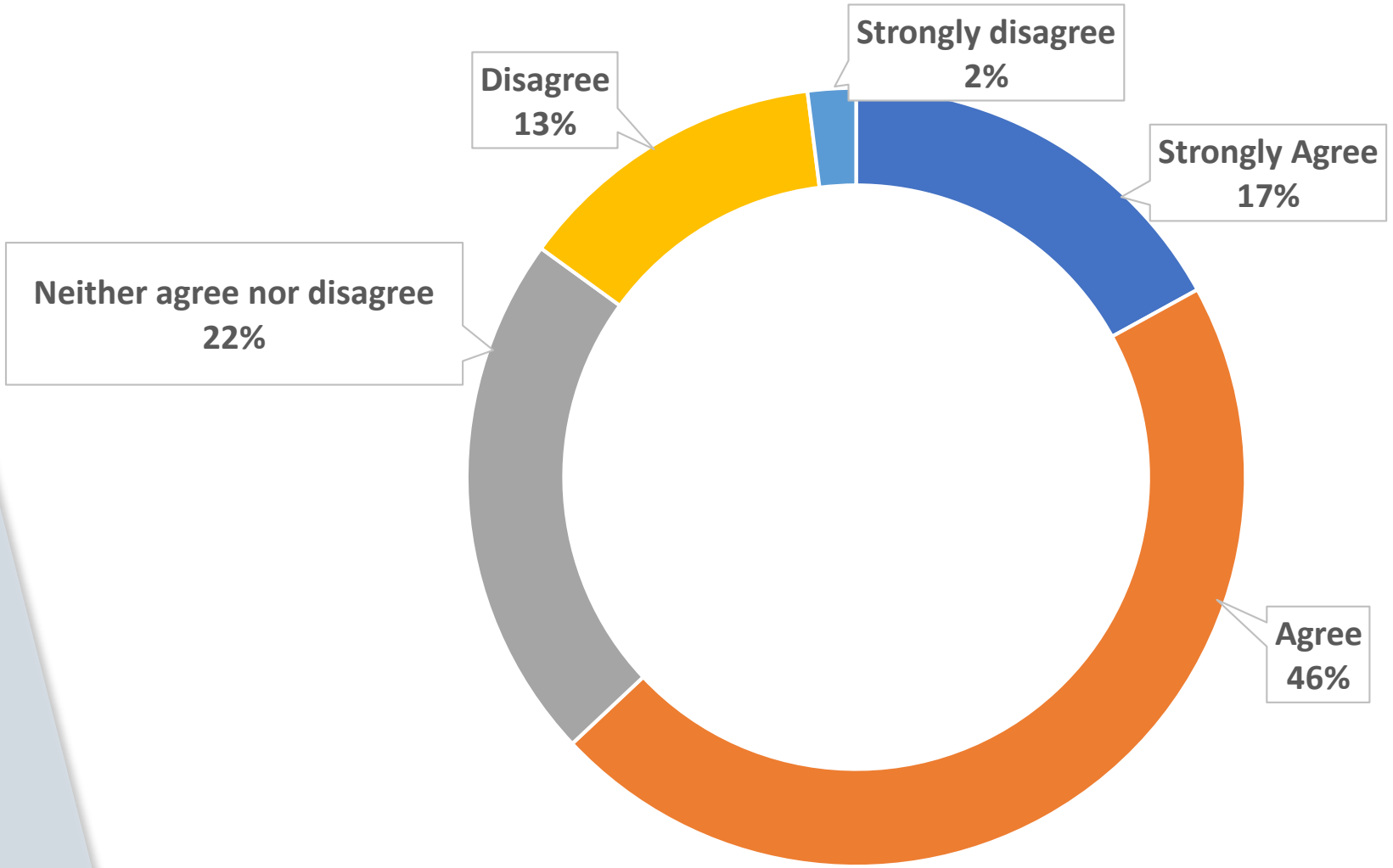
Q. Our supply chain is a competitive advantage over companies with whom we compete.



N = 132

63% of the respondents agree or strongly agree that their supply chain is a competitive advantage over competitive companies.

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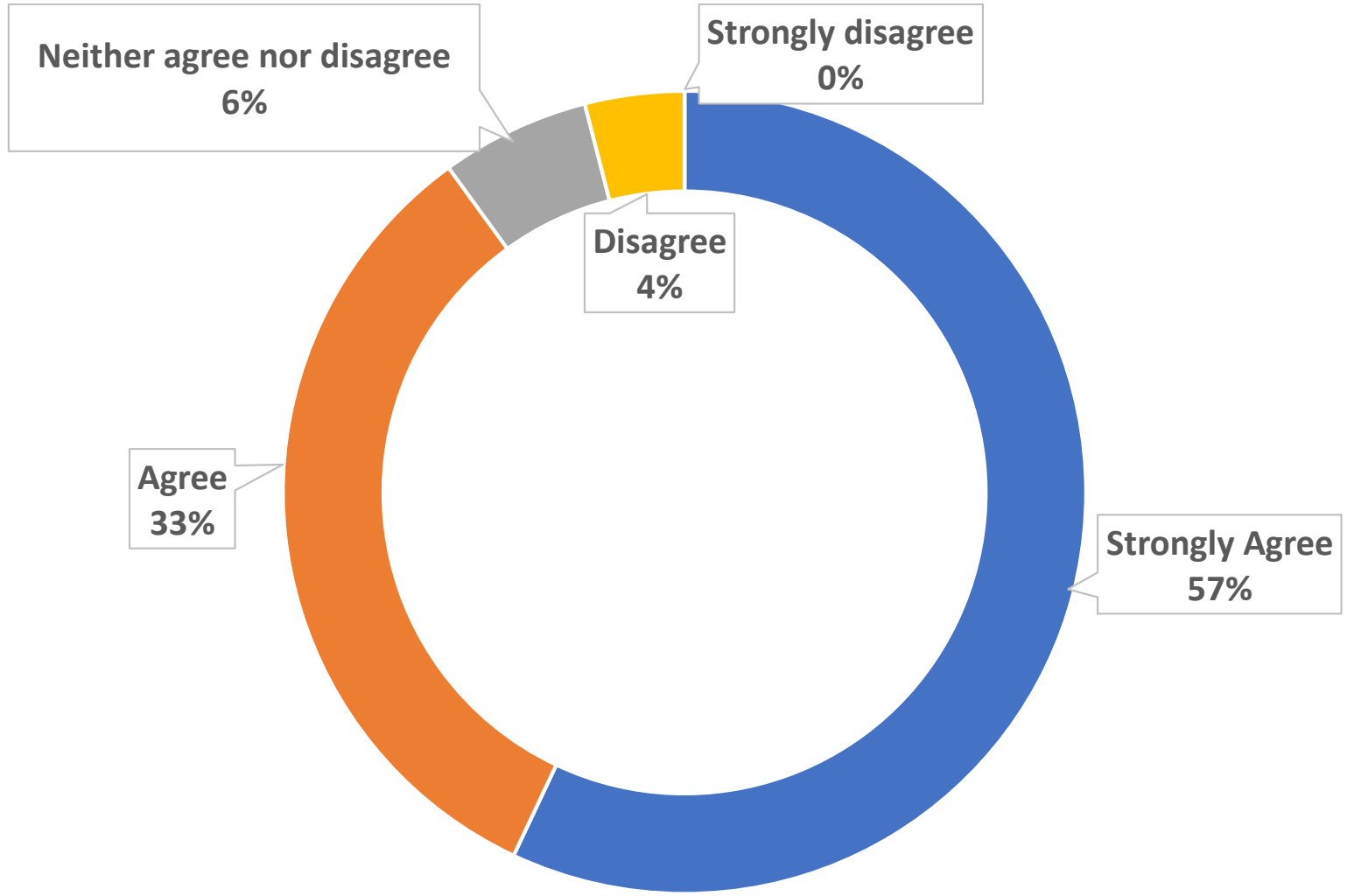
Q. We have to get better at collecting and analyzing new forms of data such as sensor-based, IoT, social media, etc.



N = 132

90% of the respondents agree or strongly agree that they have to get better at collecting and analyzing new forms of data such as sensor-based, IoT, social media, etc..

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Digital Supply Chain Accelerator

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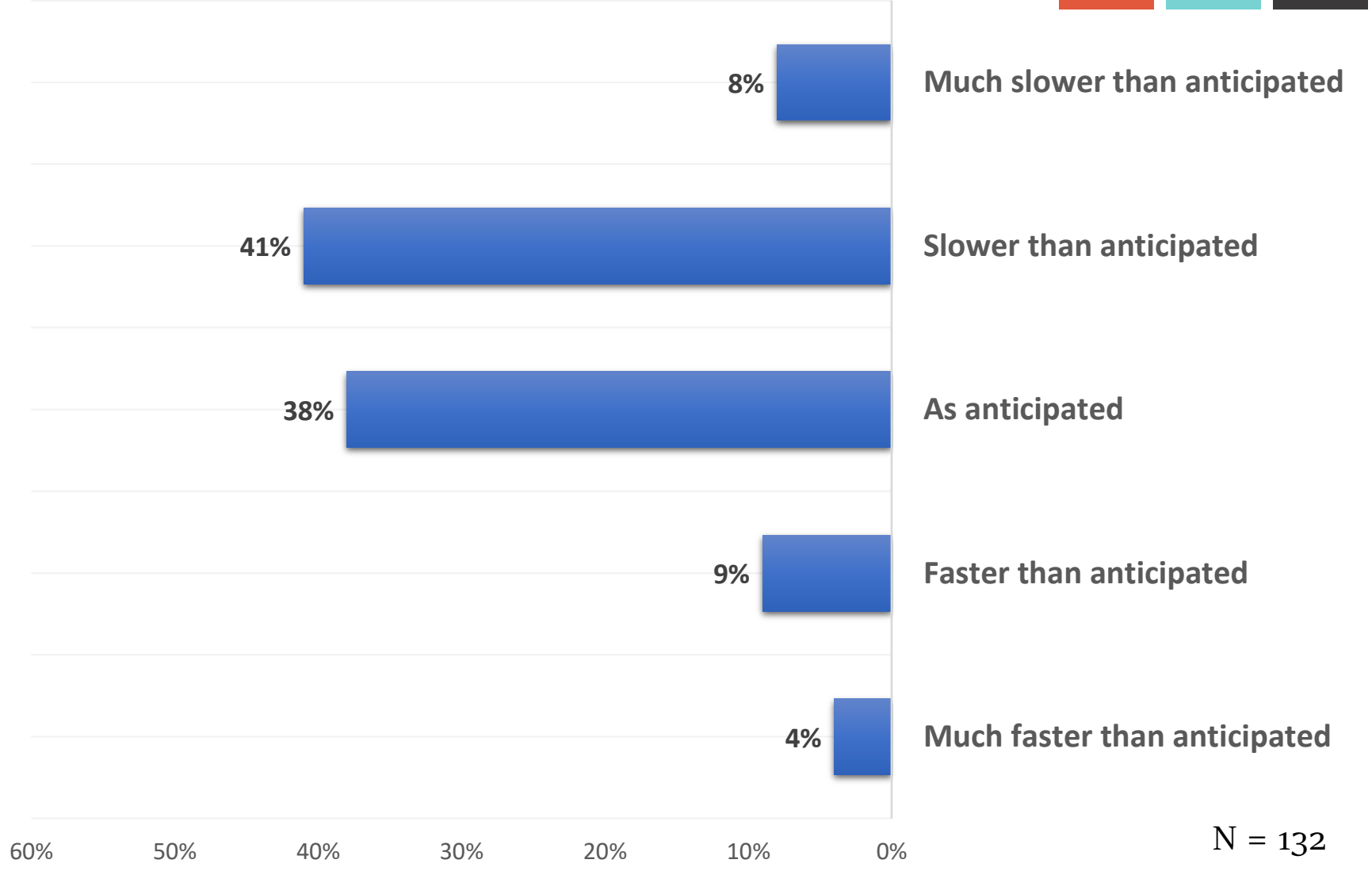
Q. Overall, how is your transformation to a DSC going?



N = 132

49% of the respondents think that their DSC transformation is going slower or much slower than anticipated.

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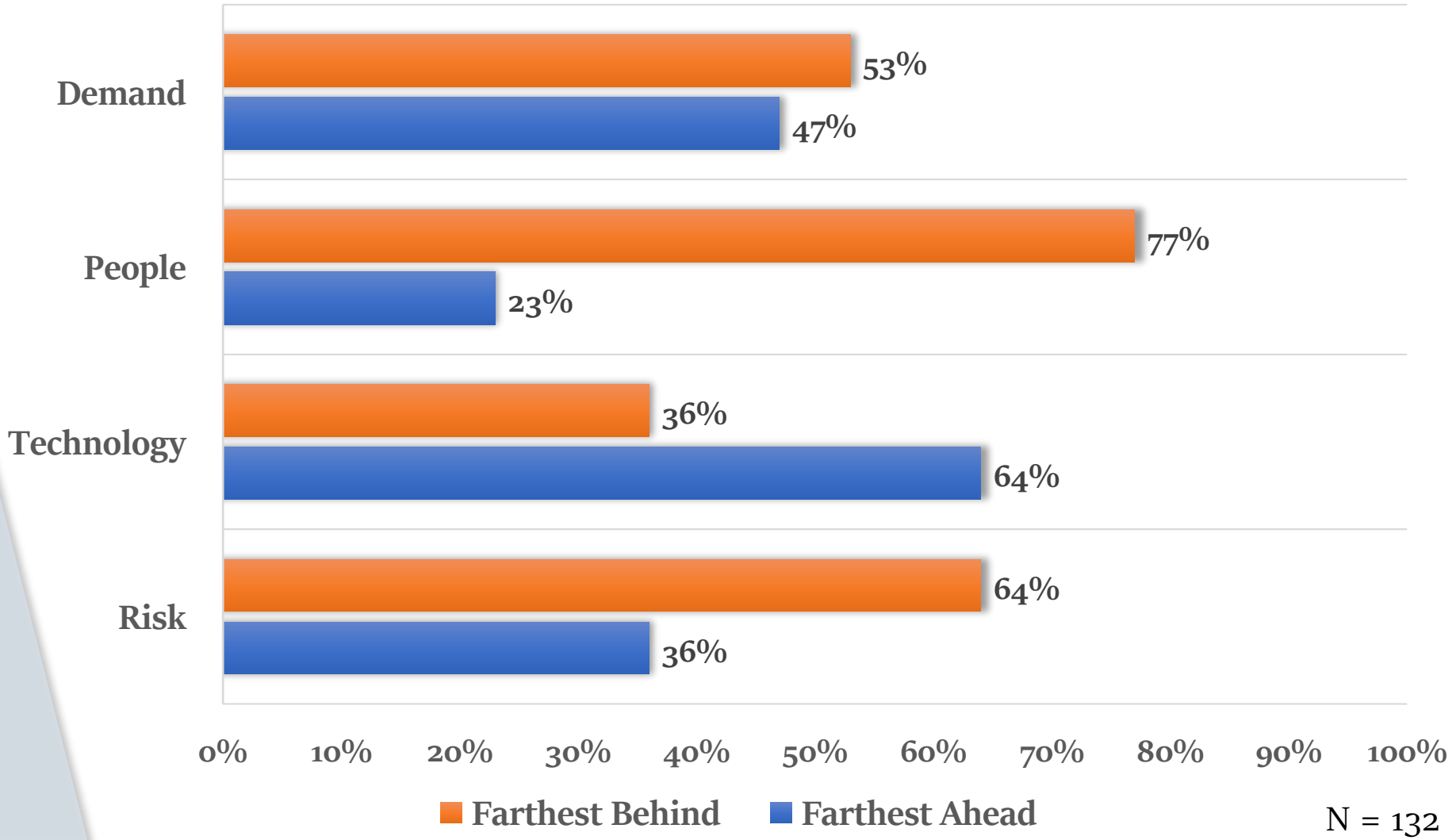
Q. Looking at Demand, People, Technology, and Risk – where is the transformation farthest ahead and behind?



N = 132

People and Risk are the two areas where more than 60% of the respondents thinks that they are farthest behind while 64% of the respondents think that they are farthest ahead in Technology.

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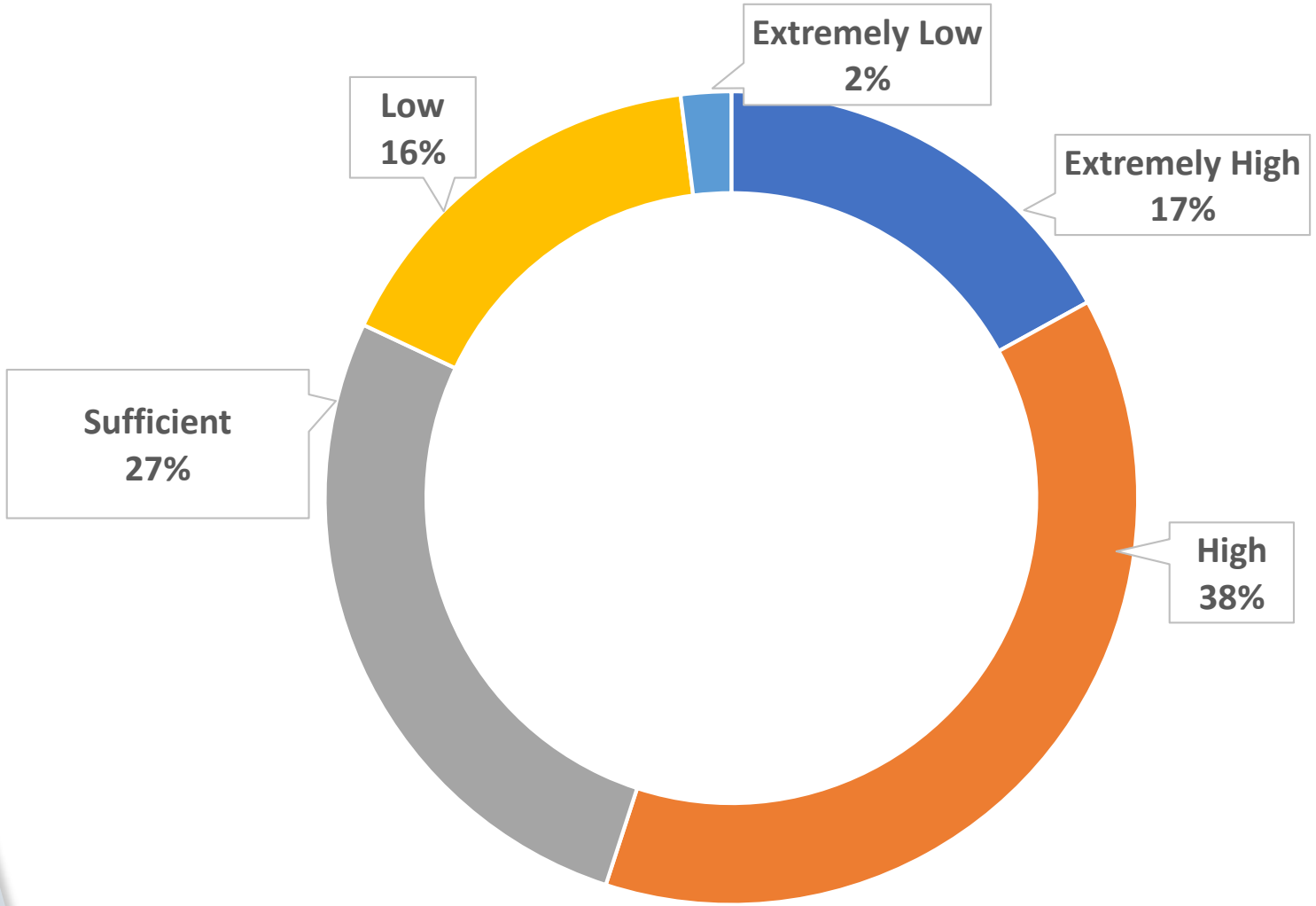
Q. The following best describes senior management's level of support to drive the transformation to a DSC?



N = 132

Only 55% of the respondents think that they have high or extremely high senior management's support to drive DSC transformation.

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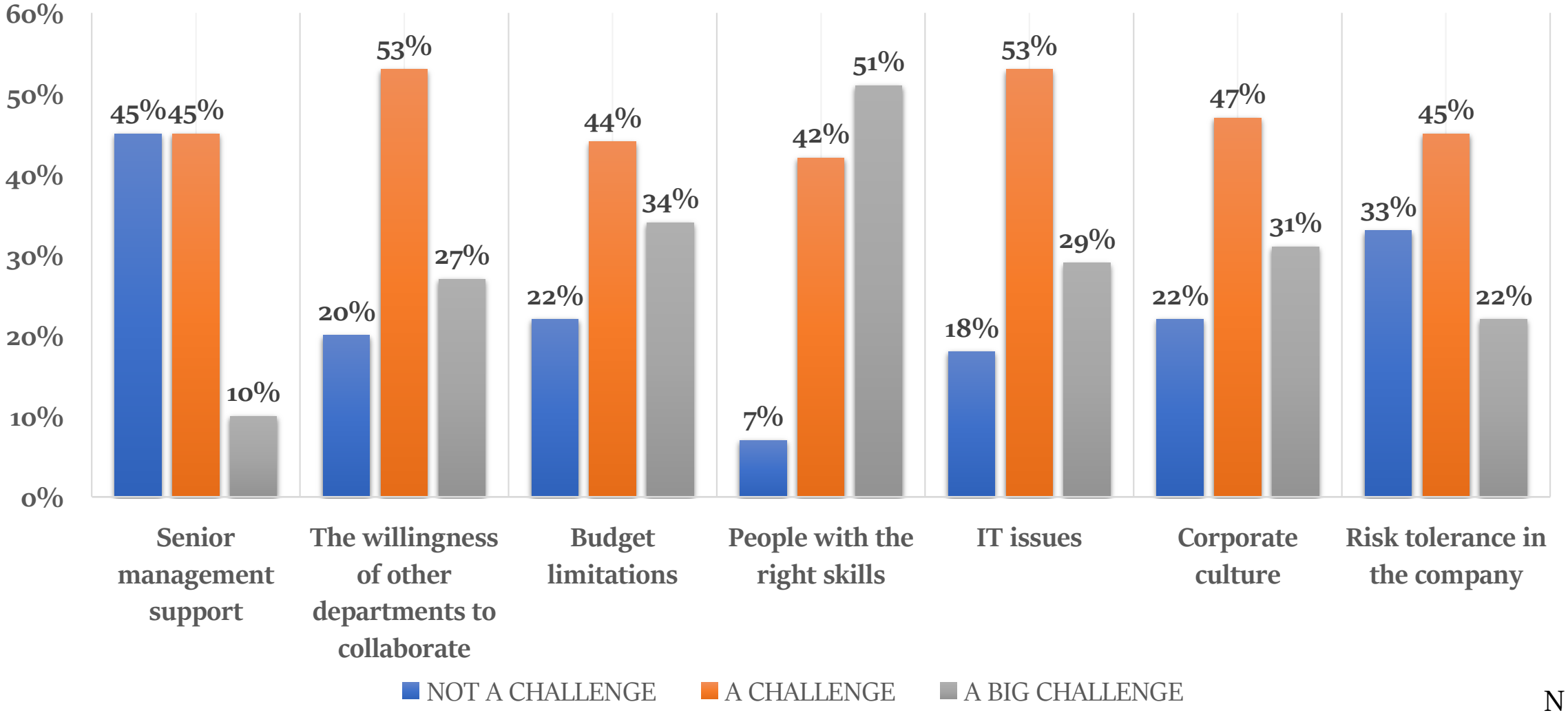

N = 132

Q. For each item in the list, rate whether the item is a challenge in speeding up the DSC transformation?

People with right skills and IT issues are the top two challenges in speeding up the DSC transformation, according to more than 80% of the respondents.

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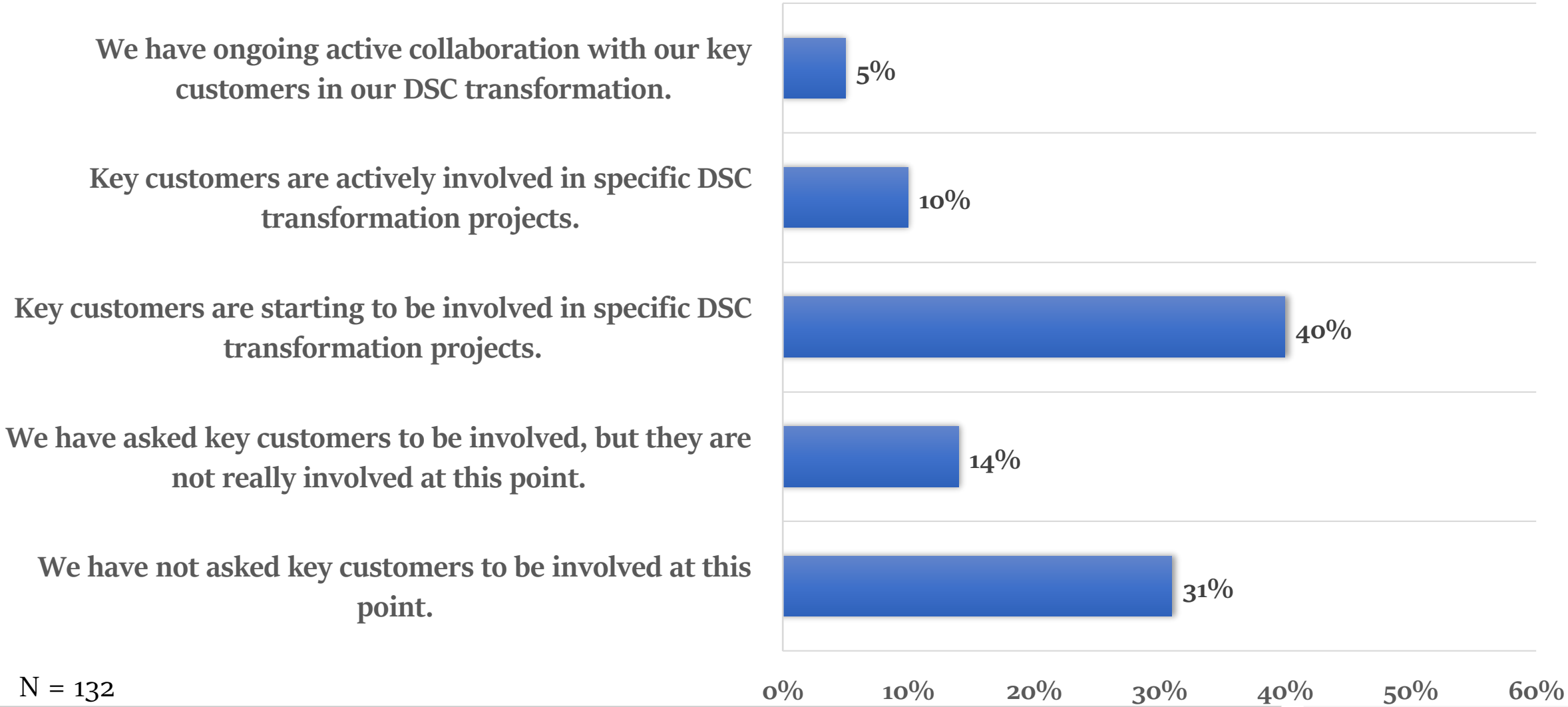

N = 132

Q. The following statement best describes the level of engagement our key customers have in our DSC transformation.

Only 5% of the respondents think that they have ongoing active collaboration with customers in their DSC transformation.

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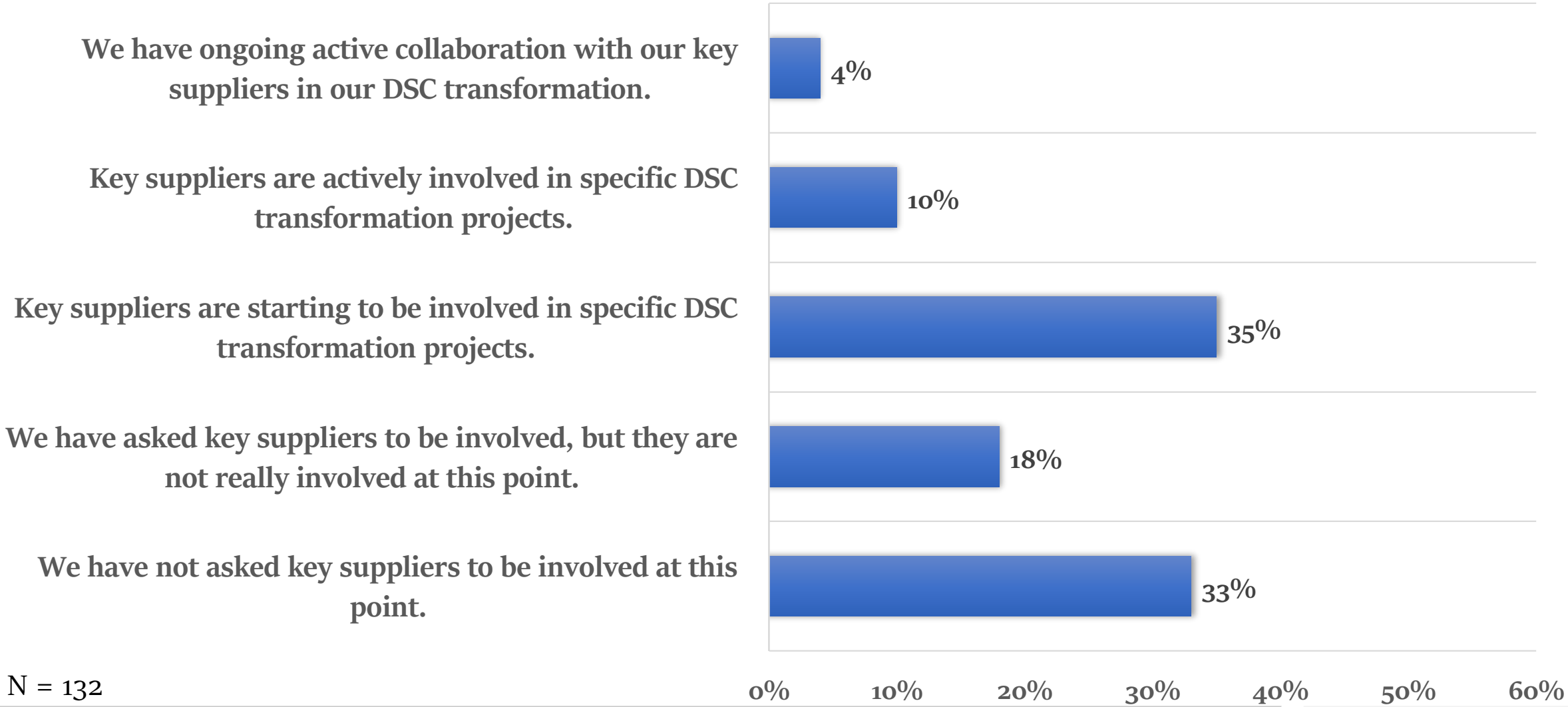

N = 132

Q. The following statement best describes the level of engagement our key suppliers have in our DSC transformation.

Only 4% of the respondents think that they have ongoing active collaboration with suppliers in their DSC transformation.

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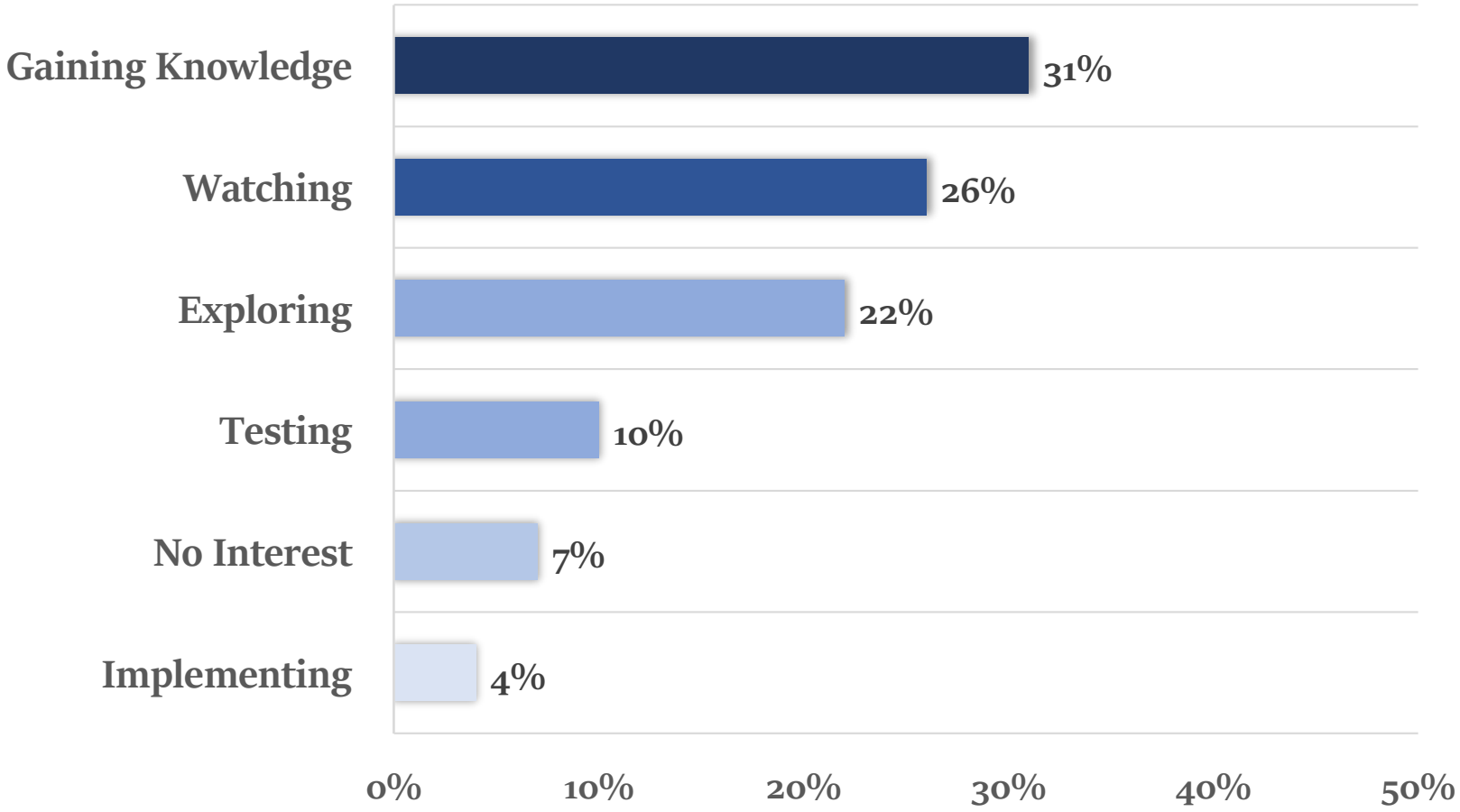
Blockchain



Q. How is your company thinking about blockchain?

N = 132

Only 4% of the respondents are implementing blockchain in their organizations.

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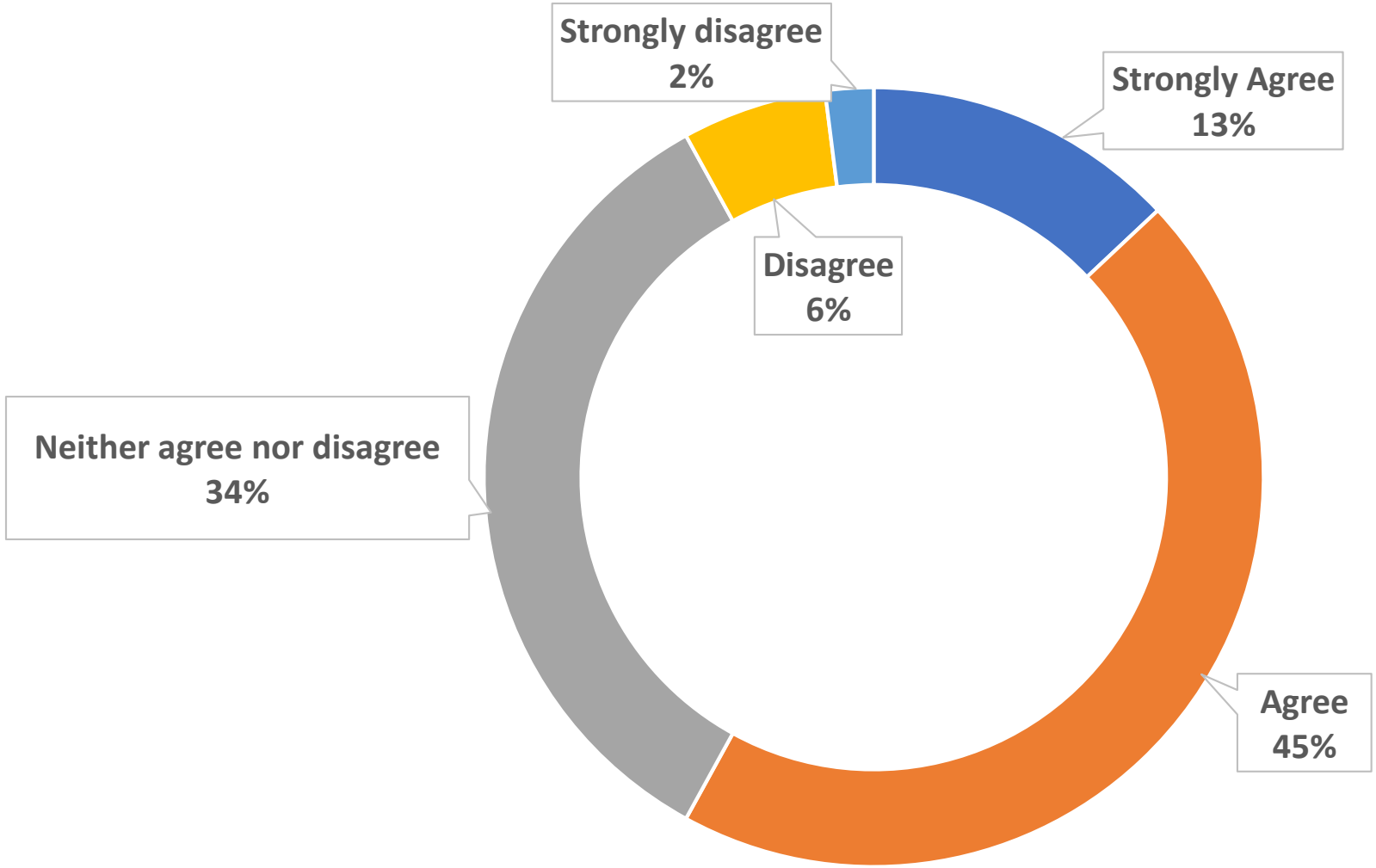

Q. Blockchain technology will transform our supply chain.

N = 132

58% of the respondents thinks that Blockchain technology will transform their organizations.

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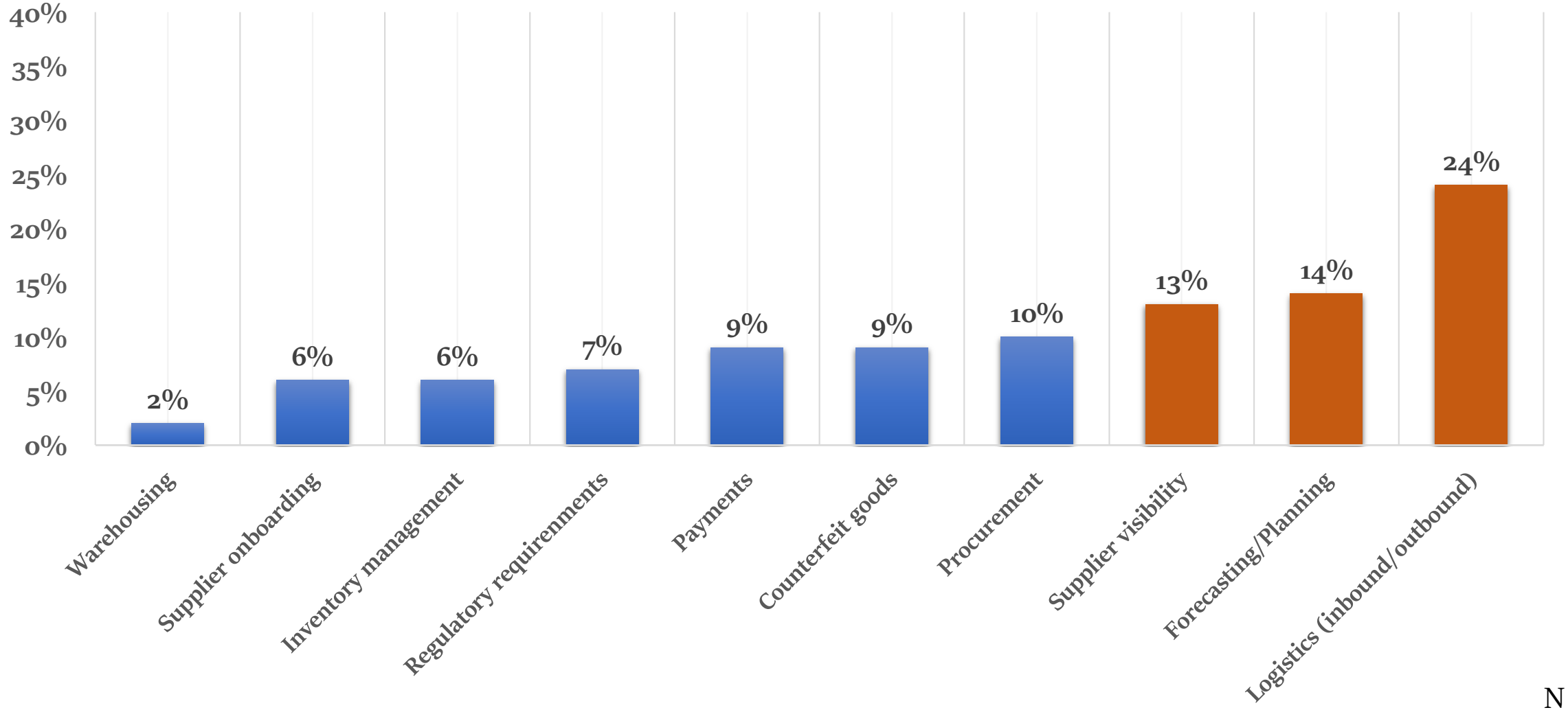

N = 132

Q. Which area of your supply chain do you see benefitting most from Blockchain?

Logistics, Forecasting/Planning, and Supplier visibilities are the top 3 areas, where respondents think that they see most benefit from Blockchain

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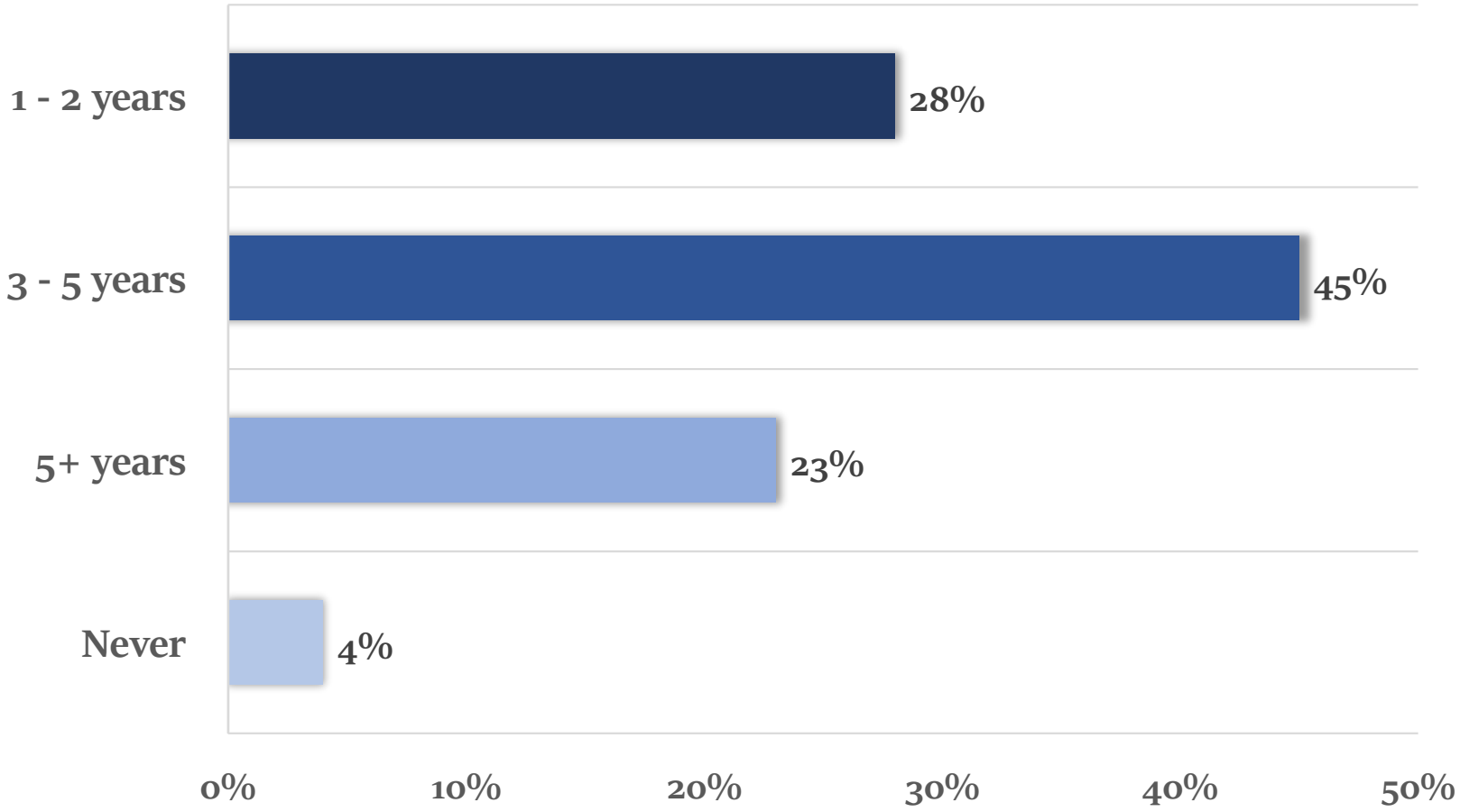

Q. In what timeframe do you see Blockchain being adopted by your company?

N = 132

68% of the respondents thinks that Blockchain is at least 3 years out before being adopted by their companies.

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Interest in Pilots

Field work/ Pilots are an important way for DSCI to work with some companies

33% are interested or very interested in a pilot for their company.

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