Alignment Experiment 8 - Plan

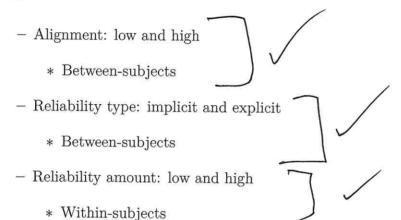
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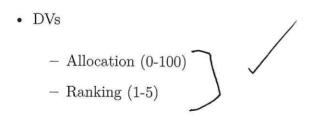
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Summary

- Experiment 8 (previously called Experiment 4 in the context of the article, but it is the 8th alignment experiment of the thesis) investigates the effects of alignment, reliability type, NPV amount, and reliability amount on allocations.
- IVs



- - * Within-display
 - * Slightly different between each display



Hypotheses

Omnibus

- Alignment \times reliability amount \times reliability type \times NPV amount interaction
- See Figure 1.

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Specifically

- Explicit reliability, high alignment: NPV amount × reliability amount interaction.
 - Participants will rely on NPV when told it is reliable, but will rely on intrinsic features when told NPV is unreliable.
- Explicit reliability, low alignment: main effect of NPV amount.
 - Participants will rely on NPV regardless of stated reliability.
- Implicit reliability: no effects.
 - Participants will allocate equally across projects.

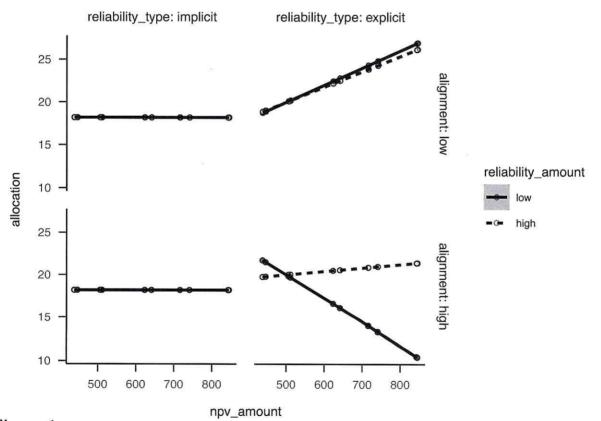


Figure 1

Alignment Experiment 8 predicted data

Power analysis

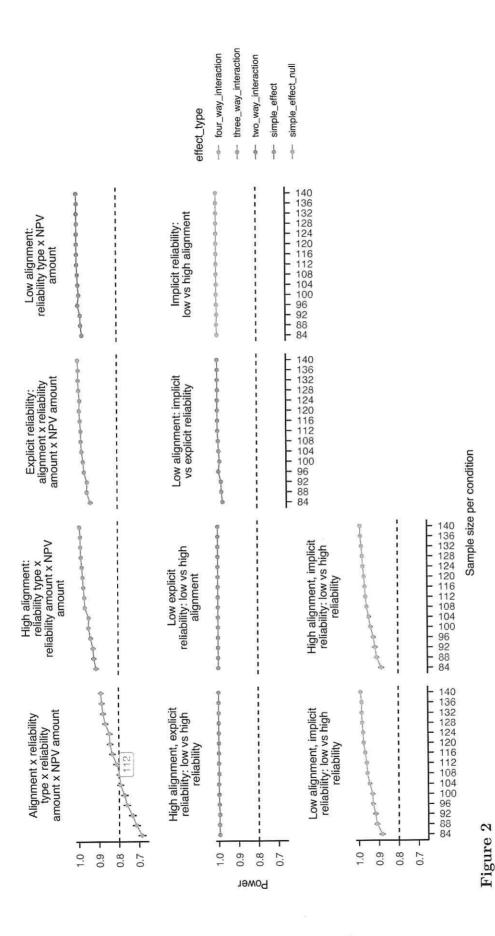
- I conducted a power analysis through simulation of the effects listed above (and the simple effects implied by them)
 - I simulated data with the same regression coefficients as Experiment 2 for the explicit condition, no effects for the implicit condition (as shown in Figure 1), and the intercept and residual variance of Experiment 2.
 - The null effects are analysed using the two one-sided tests (TOST) procedure, or equivalence testing (Lakens et al., 2018), and setting the smallest effect size of interest to the smallest difference that leads to a significant equivalence between low and high implicit reliability for low alignment in Experiment 7.

• See Figure 2.

• The analysis suggests a total sample size of 448 (112 \times 4)

- This means a total cost of approximately \$1,325.99 AUD (£730.24).

LOI RXXV



Alignment Experiment 8 power curve. Labels indicate lowest sample size above 80% power.

Materials

• Instructions

- One version for each reliability type condition.
- Includes a test of basic NPV understanding.
 - * Also acts as a sort of attention check as, though it is required to answer, the response should only be one of two letters.
- Each participant will see two project displays.

like to see

- One for each reliability amount condition.
- Each display will have one of two sets of five projects (10 individual projects total).
- Each display has a table describing the projects in the set, with ranking and allocation inputs.
- Before each display, participants will see an "interstitial" page, whose role is 1. to introduce the next display, and 2. an attention check (not required to answer, so can be skipped if the interstitial text isn't read).

• The following are counterbalanced:

- The association of reliability amount and project set (two variations).
- The association of business name with NPV (five latin square variations).
- Project variation (five variations per alignment condition).
 - * For high alignment this means the project type.
 - * For low alignment this means the intrinsic feature variant for the relevant project type.

• The following are randomised:

- Table column order.

- Project display order.
- The below figures show a sample of the possible project displays participants will see.
 - For the low alignment displays, only one "variation" is shown here.
 - \ast Across the two reliability amount conditions this shows all 10 possible project types.
 - * Both reliability type conditions are shown.
 - $\cdot\,$ All that differs here is the way the NPV is described.
 - For the high alignment displays, all five "variations" are shown.
 - * For both reliability amount conditions.

Screenshots

Imagine that you are a CEO of a large company composed of many individual businesses.

You will be shown information about a number of projects that your company is considering to invest in. Some specific information about the project itself is provided. In addition to those numbers, you will find each project's net present value (NPV), which is the company's estimation of the future returns of the project. An NPV that is greater than 0 (zero) indicates that there is an expectation of profit. The higher the NPV, the better the expectations for each project.

For each project, you will see a range of possible NPVs alongside a 'midpoint'. The range literally represents the range of plausible outcomes, but the midpoint is the best guess, and hence is the same as a single NPV.

Your task is to rank the projects in order of investment priority and decide how to allocate the available budget (as a percentage) between them.

Test yourself on the above instructions. If Project A has an NPV of \$100, and Project B has an NPV of \$200, write in the following text box the name of the project that has a greater

expectation of profit: Project

Continue

Figure 3

Instructions, reliability type: implicit.

The projects
Are not
(religible) smaller runge neurs lower

Imagine that you are a CEO of a large company composed of many individual businesses.

You will be shown information about a number of projects that your company is considering to invest in. Some specific information about the project itself is provided. In addition to those numbers, you will find each project's net present value (NPV), which is the company's estimation of the future returns of the project. An NPV that is greater than 0 (zero) indicates that there is an expectation of profit. The higher the NPV, the better the expectations for each project.

For each project, you will see an NPV, alongside a statement of whether NPV is considered to be a reliable (or an unreliable) metric for that project. There are usually a range of plausible NPV outcomes, so when NPV is considered to be "reliable" this means that the range of possible values is relatively narrow (indicating high confidence in the estimate). Conversely, when NPV is considered to be "unreliable", this means that the range of possible values is relatively wider (indicating low confidence in the estimate).

Your task is to rank the projects in order of investment priority and decide how to allocate the available budget (as a percentage) between them.

Test yourself on the above instructions. If Project A has an NPV of \$100, and Project B has an NPV of \$200, write in the following text box the name of the project that has a greater expectation of profit. Design

expectati	on of profit: Project
Figure 4	Continue
Instructions, reliability type: explicit.	
You will now see the first project disp through the task carefully. Click the fo	lay. It is important that you pay attention and read bllowing checkbox before continuing on to the next
	page:
D:	Continue

Figure 5

Interstitial 1.

100) of the total budget in the relevant "Project Allocation" row input.						
Relevant information	Project 1	Project 2	Project 3	Project 4	Project 5	
Project ranking	Ranking:	Ranking:	Ranking:	Ranking:	Ranking:	
Project allocation (%)	Allocation:	Allocation:	Allocation:	Allocation:	Allocation:	
Business name	Vital Records	Microxy	Dinerly	Refinera	Logivia	
Project type	record label	microchip	restaurant chain	oil well	shipping logistics	
Predicted project features	Record projects completed: 8 a year Radio listenership nationally: 2 million Relevant network connections: 13	 Microchips produced: 4000 an hour Usable semiconductor yield after testing: 60% Compatible PCs in the market: 80% 	 Restaurants established: 9 a year Number of reservations on a Saturday night: 100 Positive reviews: 40 a month 	Oil extracted: 2000L an hour Time the machinery lasts before requiring maintenance: 7 years Probability of finding oil: 90%	Packages shipped: 800 a week Number of packages that do not spend time in a bottleneck: 400 a day Average accuracy of shipments: 94%	
NPV (\$)	516 million. (In this industry, NPV is a reliable predictor of a project's profits.)	735 million. (In this industry, NPV is a reliable predictor of a project's profits.)	407 million. (In this industry, NPV is a reliable predictor of a project's profits.)	636 million. (In this industry, NPV is a reliable predictor of a project's profits.)	836 million. (In this industry, NPV is a reliable predictor of a project's profits.)	

Figure 6

Interstitial 2.

Do we want a limit on 100% Allowation per project?

100) of the total budget in the relevant "Project Allocation" i

100) of the total budget in the relevant "Project Allocation" row input.						
Relevant information	Project 1	Project 2	Project 3	Project 4	Project 5	
Project ranking	Ranking:	Ranking:	Ranking:	Ranking:	Ranking:	
Project allocation (%)	Allocation:	Allocation:	Allocation:	Allocation:	Allocation:	
Business name	Logivia	Refinera	Vital Records	Microxy	Dinerly	
Project type	shipping logistics	<u>oil well</u>	record label	microchip	restaurant chain	
Predicted project features	 Packages shipped: 800 a week Number of packages that do not spend time in a bottleneck: 400 a day Average accuracy of shipments: 94% 	Oil extracted: 2000L an hour Time the machinery lasts before requiring maintenance: 7 years Probability of finding oil: 90%	Record projects completed: 8 a year Radio listenership nationally: 2 million Relevant network connections: 13	Microchips produced: 4000 an hour Usable semiconductor yield after testing: 60% Compatible PCs in the market: 80%	 Restaurants established: 9 a year Number of reservations on a Saturday night: 100 Positive reviews: 40 a month 	
NPV (\$)	836 million. (In this industry, NPV is a reliable predictor of a project's profits.)	636 million. (In this industry, NPV is a reliable predictor of a project's profits.)	516 million. (In this industry, NPV is a reliable predictor of a project's profits.)	735 million. (In this industry, NPV is a reliable predictor of a project's profits.)	407 million. (In this industry, NPV is a reliable predictor of a project's profits.)	

Figure 7

Project allocation - alignment: low, reliability type: explicit, reliability amount: high, variation: 1.

Continue

100) of the total budget in the relevant "Project Allocation" row input

	100) of the total budget in the relevant "Project Allocation" row input.						
Relevant information	Project 1	Project 2	Project 3	Project 4	Project 5		
Project ranking	Ranking:	Ranking:	Ranking:	Ranking:	Ranking:		
Project allocation (%)	Allocation:	Allocation: 표	Allocation:	Allocation:	Allocation:		
Business name	Vital Records	Logivia	Microxy	Refinera	Dinerly		
Project type	record label	shipping logistics	microchip	oil well	restaurant chain		
Predicted project features	Record projects completed: 8 a year Radio listenership nationally: 2 million Relevant network connections: 13	Packages shipped: 800 a week Number of packages that do not spend time in a bottleneck: 400 a day Average accuracy of shipments: 94%	Microchips produced: 4000 an hour Usable semiconductor yield after testing: 60% Compatible PCs in the market: 80%	Oil extracted: 2000L an hour Time the machinery lasts before requiring maintenance: 7 years Probability of finding oil: 90%	 Restaurants established: 9 year Number of reservations of a Saturday night: 100 Positive reviews: 40 a month 		
NPV (\$)	516 million. (In this industry, NPV is a reliable predictor of a project's profits.)	836 million. (In this industry, NPV is a reliable predictor of a project's profits.)	735 million. (In this industry, NPV is a reliable predictor of a project's profits.)	636 million. (In this industry, NPV is a reliable predictor of a project's profits.)	407 million. (In this industry, NP\ is a reliable predictor of a project's profits.)		

Continue

Figure 8

Project allocation - alignment: low reliability type: explicit, reliability amount: low, variation: 1.

100) of the total budget in the relevant "Project Allocation" row input.

Relevant information	Project 1	Project 2	Project 3	Project 4	Project 5
Project ranking	Ranking:	Ranking:	Ranking:	Ranking:	Ranking:
Project allocation (%)	Allocation:	Allocation:	Allocation:	Allocation:	Allocation:
Business name	Vital Records	Dinerly	Logivia	Refinera	Microxy
Project type	record label	restaurant chain	shipping logistics	oil well	microchip
Predicted project features	Record projects completed: 8 a year Radio listenership nationally: 2 million Relevant network connections: 13	 Restaurants established: 9 a year Number of reservations on a Saturday night: 100 Positive reviews: 40 a month 	Packages shipped: 800 a week Number of packages that do not spend time in a bottleneck: 400 a day Average accuracy of shipments: 94%	Oil extracted: 2000L an hour Time the machinery lasts before requiring maintenance: 7 years Probability of finding oil: 90%	Microchips produced: 4000 an hour Usable semiconductor yield after testing: 60% Compatible PCs in the market: 80%
NPV (\$)	490-542 million. (Midpoint: 516.)	387-427 million. (Midpoint: 407.)	794-878 million. (Midpoint: 836.)	604-668 million. (Midpoint: 636.)	698-772 million. (Midpoint: 735.)

Figure 9

Project allocation - alignment: low, reliability type: implicit, reliability amount: high, variation: 1.

Continue

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Relevant	Project 1	Project 2	Project 3	Project 4	Project 5
Information Project ranking	Ranking:	Ranking: 호	Ranking:	Ranking:	Ranking:
Project allocation (%)	Allocation:	Allocation: 호텔	Allocation:	Allocation:	Allocation:
Business name	Vital Records	Logivia	Dinerly	Microxy	Refinera
Project type	record label	shipping logistics	restaurant chain	microchip	oil well
Predicted project features	Record projects completed: 8 a year Radio listenership nationally: 2 million Relevant network connections: 13	Packages shipped: 800 a week Number of packages that do not spend time in a bottleneck: 400 a day Average accuracy of shipments: 94%	 Restaurants established: 9 a year Number of reservations on a Saturday night: 100 Positive reviews: 40 a month 	 Microchips produced: 4000 an hour Usable semiconductor yield after testing: 60% Compatible PCs in the market: 80% 	Oil extracted: 2000L an hour Time the machinery lasts before requiring maintenance: 7 years Probability of finding oil: 90%
NPV (\$)	490-542 million. (Midpoint: 516.)	794-878 million. (Midpoint: 836.)	387-427 million. (Midpoint: 407.)	698-772 million. (Midpoint: 735.)	604-668 million. (Midpoint: 636.)

Figure 10

Project allocation - alignment low, reliability type: implicit, reliability amount: low, variation: 1.

Continue

Relevant information	Project 1	Project 2	Project 3	Project 4	Project 5
Project ranking	Ranking:	Ranking: 프	Ranking:	Ranking:	Ranking:
Project allocation (%)	Allocation:	Allocation:	Allocation:	Allocation: 글	Allocation: 물
Business name	Oilpier	Petroyield	Enfuel	Liquid Pipeline	Refinera
Project type	oil well	oil well	oil well	oil well	<u>oil well</u>
Predicted project features	Oil extracted: 3054L an hour Time the machinery lasts before requiring maintenance: 10 years Probability of finding oil: 94%	Oil extracted: 4108L an hour Time the machinery lasts before requiring maintenance: 14 years Probability of finding oil: 99%	Oil extracted: 2000L an hour Time the machinery lasts before requiring maintenance: 7 years Probability of finding oil: 90%	Oil extracted: 3581L an hour Time the machinery lasts before requiring maintenance: 12 years Probability of finding oil: 96%	Oil extracted: 2527L an hour Time the machinery lasts before requiring maintenance: 8 years Probability of finding oil: 92%
NPV (\$)	604-668 million. (Midpoint: 636.)	387-427 million. (Midpoint: 407.)	794-878 million. (Midpoint: 836.)	490-542 million. (Midpoint: 516.)	698-772 million. (Midpoint: 735.)

Figure 11

NOV & Raye Project allocation - alignment: high, reliability type: implicit, reliability amount: high, vari-

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	100) of the total budget in the relevant. Project Anocation Fow input.						
Relevant information	Project 1	Project 2	Project 3	Project 4	Project 5		
Project ranking	Ranking:	Ranking: 当	Ranking:	Ranking: 主	Ranking:		
Project allocation (%)	Allocation:	Allocation:	Allocation:	Allocation:	Allocation:		
Business name	Altchip	Microxy	GridCircuit	Plextronics	Wired Board		
Project type	microchip	microchip	microchip	<u>microchip</u>	microchip		
Predicted project features	Microchips produced: 7162 an hour Usable semiconductor yield after testing: 69% Compatible PCs in the market: 86%	Microchips produced: 4000 an hour Usable semiconductor yield after testing: 60% Compatible PCs in the market: 80%	Microchips produced: 8216 an hour Usable semiconductor yield after testing: 72% Compatible PCs in the market: 88%	Microchips produced: 6108 an hour Usable semiconductor yield after testing: 66% Compatible PCs in the market: 84%	Microchips produced: 5054 an hour Usable semiconductor yield after testing: 63% Compatible PCs in the market: 82%		
NPV (\$)	490-542 million. (Midpoint: 516.)	794-878 million. (Midpoint: 836.)	387-427 million. (Midpoint: 407.)	604-668 million. (Midpoint: 636.)	698-772 million. (Midpoint: 735.)		

Figure 12

Project allocation - alignment: high, reliability type: implicit, reliability amount: high, variation: 2.

Continue

how different from previous? What does each subject see

Relevant information	Project 1	Project 2	Project 3	Project 4	Project 5
Project ranking	Ranking: 코	Ranking:	Ranking:	Ranking:	Ranking:
Project allocation (%)	Allocation:	Allocation:	Allocation:	Allocation:	Allocation:
Business name	Direct Vector	Solgistics	Logivia	Tough Haul	Cargo Ace
Project type	shipping logistics	shipping logistics	shipping logistics	shipping logistics	shipping logistics
Predicted project features	 Packages shipped: 1010 a week Number of packages that do not spend time in a bottleneck: 505 a day Average accuracy of shipments: 95% 	 Packages shipped: 1432 a week Number of packages that do not spend time in a bottleneck: 716 a day Average accuracy of shipments: 97% 	 Packages shipped: 800 a week Number of packages that do not spend time in a bottleneck: 400 a day Average accuracy of shipments: 94% 	 Packages shipped: 1643 a week Number of packages that do not spend time in a bottleneck: 821 a day Average accuracy of shipments: 98% 	 Packages shipped: 1221 a week Number of packages that do not spend time in a bottleneck: 610 a day Average accuracy of shipments: 96%
NPV (\$)	698-772 million. (Midpoint: 735.)	490-542 million. (Midpoint: 516.)	794-878 million. (Midpoint: 836.)	387-427 million. (Midpoint: 407.)	604-668 million. (Midpoint: 636.)

Continue

Figure 13

Project allocation - alignment: high, reliability type: implicit, reliability amount: high, variation: 3.

- very complex
should we use 3th options instead of

100) of the total budget in the relevant "Project Allocation" row input.

Relevant information	Project 1	Project 2	Project 3	Project 4	Project 5
Project ranking	Ranking:	Ranking:	Ranking:	Ranking:	Ranking:
Project allocation (%)	Allocation:	Allocation: 글	Allocation: 호텔	Allocation:	Allocation:
Business name	Farmhouse Chef	Dinerly	Savoro	Third Cook	LunchLover
Project type	restaurant chain	restaurant chain	restaurant chain	restaurant chain	restaurant chain
Predicted project features	Restaurants established: 11 a year Number of reservations on a Saturday night: 126 Positive reviews: 50 a month	 Restaurants established: 18 a year Number of reservations on a Saturday night: 205 Positive reviews: 82 a month 	 Restaurants established: 13 a year Number of reservations on a Saturday night: 152 Positive reviews: 61 a month 	Restaurants established: 9 a year Number of reservations on a Saturday night: 100 Positive reviews: 40 a month	Restaurants established: 16 a year Number of reservations on a Saturday night: 179 Positive reviews: 71 a month
NPV (\$)	698-772 million. (Midpoint: 735.)	387-427 million. (Midpoint: 407.)	604-668 million. (Midpoint: 636.)	794-878 million. (Midpoint: 836.)	490-542 million. (Midpoint: 516.)

Figure 14

Continue

Project allocation - alignment: high, reliability type: implicit, reliability amount: high, variation: 4.

100) of the total budget in the relevant "Project Allocation" row input.						
Relevant information	Project 1	Project 2	Project 3	Project 4	Project 5	
Project ranking	Ranking:	Ranking:	Ranking:	Ranking:	Ranking:	
Project allocation (%)	Allocation:	Allocation:	Allocation:	Allocation:	Allocation:	
Business name	Vital Records	Poppin	Dotsonic	Extasy	NextRecord	
Project type	record label	record label	record label	record label	record label	
Predicted project features	Record projects completed: 16 a year Radio listenership nationally: 4 million Relevant network connections: 26	Record projects completed: 12 a year Radio listenership nationally: 3 million Relevant network connections: 19	Record projects completed: 8 a year Radio listenership nationally: 2 million Relevant network connections: 13	Record projects completed: 10 a year Radio listenership nationally: 2 million Relevant network connections: 16	Record project completed: 14 a year Radio listenership nationally: 3 million Relevant network connections: 2:	
NPV (\$)	387-427 million. (Midpoint: 407.)	604-668 million. (Midpoint: 636.)	794-878 million. (Midpoint: 836.)	698-772 million. (Midpoint: 735.)	490-542 million. (Midpoint: 516.)	

Figure 15

Project allocation - alignment: high, reliability type: implicit, reliability amount: high, variation: 5.

Continue

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Relevant information	Project 1	Project 2	Project 3	Project 4	Project 5
Project ranking	Ranking:	Ranking: 호	Ranking:	Ranking:	Ranking:
Project allocation (%)	Allocation:	Allocation: 글	Allocation:	Allocation:	Allocation: 물
Business name	Petroyield	Oilpier	Refinera	Enfuel	Liquid Pipeline
Project type	oil well	oil well	oil well	oil well	oil well
Predicted project features	Oil extracted: 4108L an hour Time the machinery lasts before requiring maintenance: 14 years Probability of finding oil: 99%	Oil extracted: 3054L an hour Time the machinery lasts before requiring maintenance: 10 years Probability of finding oil: 94%	Oil extracted: 2527L an hour Time the machinery lasts before requiring maintenance: 8 years Probability of finding oil: 92%	Oil extracted: 2000L an hour Time the machinery lasts before requiring maintenance: 7 years Probability of finding oil: 90%	Oil extracted: 3581L an hour Time the machinery lasts before requiring maintenance: 12 years Probability of finding oil: 96%
NPV (\$)	387-427 million. (Midpoint: 407.)	604-668 million. (Midpoint: 636.)	698-772 million. (Midpoint: 735.)	794-878 million. (Midpoint: 836.)	490-542 million. (Midpoint: 516.)

Figure 16

 $Project\ allocation\ -\ alignment:\ high,\ reliability\ type:\ implicit,\ reliability\ amount:\ low,\ varia-linear project allocation\ -\ alignment:\ high,\ reliability\ type:\ implicit,\ reliability\ amount:\ low,\ varia-linear project\ allocation\ -\ alignment:\ high,\ reliability\ type:\ implicit,\ reliability\ amount:\ low,\ varia-linear project\ allocation\ -\ alignment:\ high,\ reliability\ type:\ implicit,\ reliability\ amount:\ low,\ varia-linear project\ allocation\ -\ alignment:\ high,\ reliability\ type:\ implicit,\ reliability\ amount:\ low,\ varia-linear project\ allocation\ -\ alignment:\ high,\ reliability\ type:\ low,\ varia-linear project\ allocation\ -\ alignment:\ high,\ reliability\ type:\ low,\ varia-linear project\ allocation\ -\ alignment:\ high,\ reliability\ type:\ low,\ varia-linear project\ allocation\ -\ alignment:\ high,\ reliability\ type:\ low,\ varia-linear project\ allocation\ -\ alignment:\ high,\ reliability\ type:\ low,\ reliabi$

Continue

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roof or the total budget in the	relevant "Prole	ct Allocation" row input

Relevant information	Project 1	Project 2	Project 3	Project 4	Project 5
Project ranking	Ranking:	Ranking:	Ranking: 글	Ranking:	Ranking:
Project allocation (%)	Allocation:	Allocation:	Allocation:	Allocation:	Allocation:
Business name	Altchip	Microxy	GridCircuit	Wired Board	Plextronics
Project type	microchip	microchip	microchip	microchip	microchip
Predicted project features	 Microchips produced: 7162 an hour Usable semiconductor yield after testing: 69% Compatible PCs in the market: 86% 	Microchips produced: 4000 an hour Usable semiconductor yield after testing: 60% Compatible PCs in the market: 80%	Microchips produced: 8216 an hour Usable semiconductor yield after testing: 72% Compatible PCs in the market: 88%	 Microchips produced: 5054 an hour Usable semiconductor yield after testing: 63% Compatible PCs in the market: 82% 	Microchips produced: 6108 an hour Usable semiconductor yield after testing: 66% Compatible PCs in the market: 84%
NPV (\$)	490-542 million. (Midpoint: 516.)	794-878 million. (Midpoint: 836.)	387-427 million. (Midpoint: 407.)	698-772 million. (Midpoint: 735.)	604-668 million. (Midpoint: 636.)

Figure 17

Project allocation - alignment: high, reliability type: implicit, reliability amount: low, variawhat's different tion: 2.

Continue

100) of the total budget in the relevant "Project Allocation" row input.

Relevant information	Project 1	Project 2	Project 3	Project 4	Project 5
Project ranking	Ranking:	Ranking:	Ranking:	Ranking:	Ranking:
Project allocation (%)	Allocation:	Allocation:	Allocation:	Allocation:	Allocation:
Business name	Logivia	Direct Vector	Tough Haul	Solgistics	Cargo Ace
Project type	shipping logistics	shipping logistics	shipping logistics	shipping logistics	shipping logistics
Predicted project features	 Packages shipped: 800 a week Number of packages that do not spend time in a bottleneck: 400 a day Average accuracy of shipments: 94% 	 Packages shipped: 1010 a week Number of packages that do not spend time in a bottleneck: 505 a day Average accuracy of shipments: 95% 	 Packages shipped: 1643 a week Number of packages that do not spend time in a bottleneck: 821 a day Average accuracy of shipments: 98% 	Packages shipped: 1432 a week Number of packages that do not spend time in a bottleneck: 716 a day Average accuracy of shipments: 97%	Packages shipped: 1221 a week Number of packages that do not spend time in a bottleneck: 610 a day Average accuracy of shipments: 96%
NPV (\$)	794-878 million. (Midpoint: 836.)	698-772 million. (Midpoint: 735.)	387-427 million. (Midpoint: 407.)	490-542 million. (Midpoint: 516.)	604-668 million. (Midpoint: 636.)

Continue

Figure 18

Project allocation - alignment: high, reliability type: implicit, reliability amount: low, variation: 3.

whats different

- need to randomize

what's seen the order

for each subject

- like to have example

of complete questions

for each rubject

100) of the total budget in the relevant "Project Allocation" row input.

Relevant information	Project 1	Project 2	Project 3	Project 4	Project 5
Project ranking	Ranking: 글	Ranking: 主	Ranking:	Ranking:	Ranking:
Project allocation (%)	Allocation:	Allocation:	Allocation:	Allocation:	Allocation:
Business name	Farmhouse Chef	Third Cook	LunchLover	Savoro	Dinerly
Project type	restaurant chain	restaurant chain	restaurant chain	restaurant chain	restaurant chain
Predicted project features	 Restaurants established: 11 a year Number of reservations on a Saturday night: 126 Positive reviews: 50 a month 	 Restaurants established: 9 a year Number of reservations on a Saturday night: 100 Positive reviews: 40 a month 	 Restaurants established: 16 a year Number of reservations on a Saturday night: 179 Positive reviews: 71 a month 	Restaurants established: 13 a year Number of reservations on a Saturday night: 152 Positive reviews: 61 a month	 Restaurants established: 18 a year Number of reservations on a Saturday night: 205 Positive reviews: 82 a month
NPV (\$)	698-772 million. (Midpoint: 735.)	794-878 million. (Midpoint: 836.)	490-542 million. (Midpoint: 516.)	604-668 million. (Midpoint: 636.)	387-427 million. (Midpoint: 407.)

Continue

Figure 19

Project allocation - alignment: high, reliability type: implicit, reliability amount: low, variation: 4.

what's different

Relevant information	Project 1	Project 2	Project 3	Project 4	Project 5
Project ranking	Ranking:	Ranking:	Ranking:	Ranking: 포	Ranking:
Project allocation (%)	Allocation:	Allocation;	Allocation:	Allocation:	Allocation:
Business name	Poppin	Dotsonic	Vital Records	NextRecord	Extasy
Project type	record label	record label	record label	record label	record label
Predicted project features	Record projects completed: 12 a year Radio listenership nationally: 3 million Relevant network connections: 19	Record projects completed: 8 a year Radio listenership nationally: 2 million Relevant network connections: 13	Record projects completed: 16 a year Radio listenership nationally: 4 million Relevant network connections: 26	Record projects completed: 14 a year Radio listenership nationally: 3 million Relevant network connections: 23	Record project completed: 10 a year Radio listenership nationally: 2 million Relevant network connections: 16
IPV (\$)	604-668 million. (Midpoint: 636.)	794-878 million. (Midpoint: 836.)	387-427 million. (Midpoint: 407.)	490-542 million. (Midpoint: 516.)	698-772 million. (Midpoint: 735.)

Figure 20

Project allocation - alignment: high, reliability type: implicit, reliability amount: low, variation: 5.

what is the right decision on

References

Lakens, D., Scheel, A. M., & Isager, P. M. (2018). Equivalence Testing for Psychological Research: A Tutorial. Advances in Methods and Practices in Psychological Science, 1(2), 259–269. https://doi.org/10.1177/2515245918770963