

STOP TASK

3017031-05-Expt01
version A - session 0

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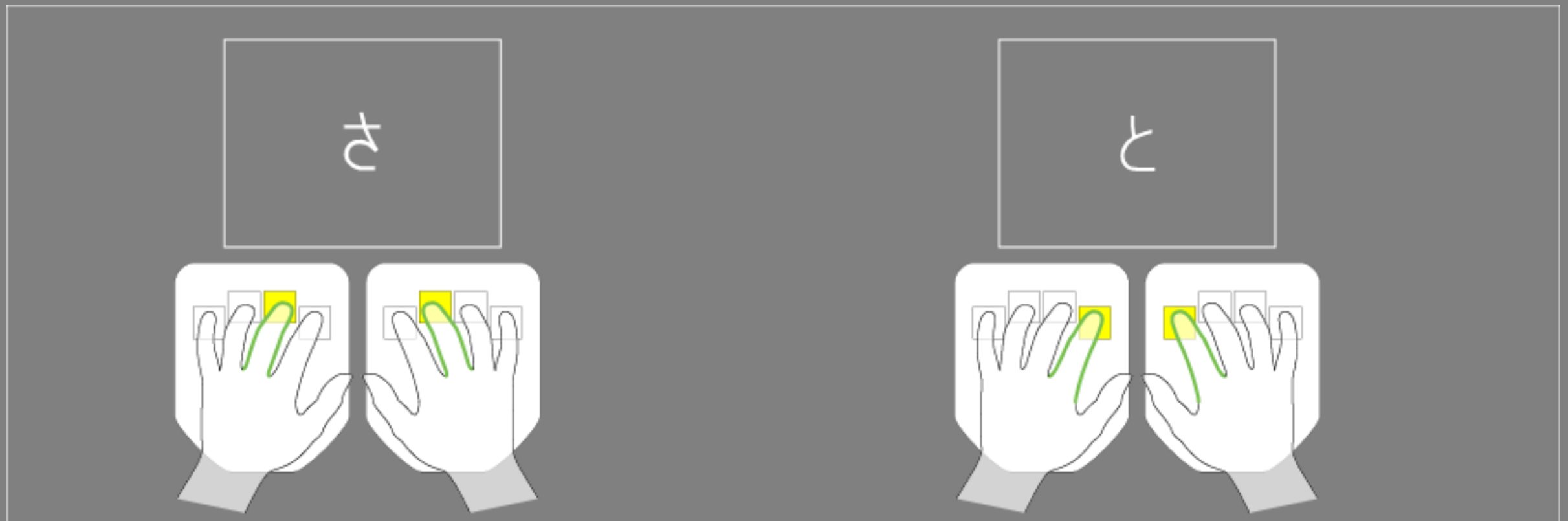
Bram Zandbelt (bramzandbelt@gmail.com)
Donders Institute, Radboud University

INSTRUCTIONS - PRACTICE - STAGE 1

Throughout the experiment, you will be presented with Japanese characters that will appear at the center of the screen. Your task is to respond to these characters as follows:

When you see ち, press the two upper buttons with your left and right middle fingers

When you see と, press the two lower buttons with your left and right index fingers



It is important that you respond as accurate, fast, and synchronous as possible.

Before the character appears, you will see a + for a short duration. Do not respond to this. After the character disappears, you will see feedback (for example: 'correct').

Do you have any questions? If not, press a button to continue.

INSTRUCTIONS - PRACTICE - STAGE 1

You will practice the task shortly. At the end of a practice round, you will receive feedback on your performance. An example screen is shown below. You will be evaluated on accuracy, speed, and synchrony of your responses.

middle finger	accuracy: 100% correct	Well done!
index finger	accuracy: 96% correct	Well done!
middle finger	speed: 522 ms	Well done!
index finger	speed: 549 ms	Well done!
middle finger	synchrony: 117 ms difference	Remember to make synchronous responses
index finger	synchrony: 124 ms difference	Remember to make synchronous responses

In the event that your performance does not meet all preset requirements, the right column of the feedback provides specific instructions on how you should try to improve performance.

If you have not met all requirements, you will have to repeat a practice stage. If you have not met all requirements after four repetitions, we will have to terminate the experiment.

Once you have met all requirements, try to maintain performance throughout the experiment.

Do you have any questions? If not, press a button to continue.

INSTRUCTIONS - PRACTICE - STAGE 1

You will practice the task for about 2 minutes.

Your main task is to respond to Japanese characters that appear on the screen.

- When you see れ, press the two upper buttons with your left and right middle fingers
- When you see と, press the two lower buttons with your left and right index fingers

Remember:

- You should respond as accurate, fast, and synchronous as possible

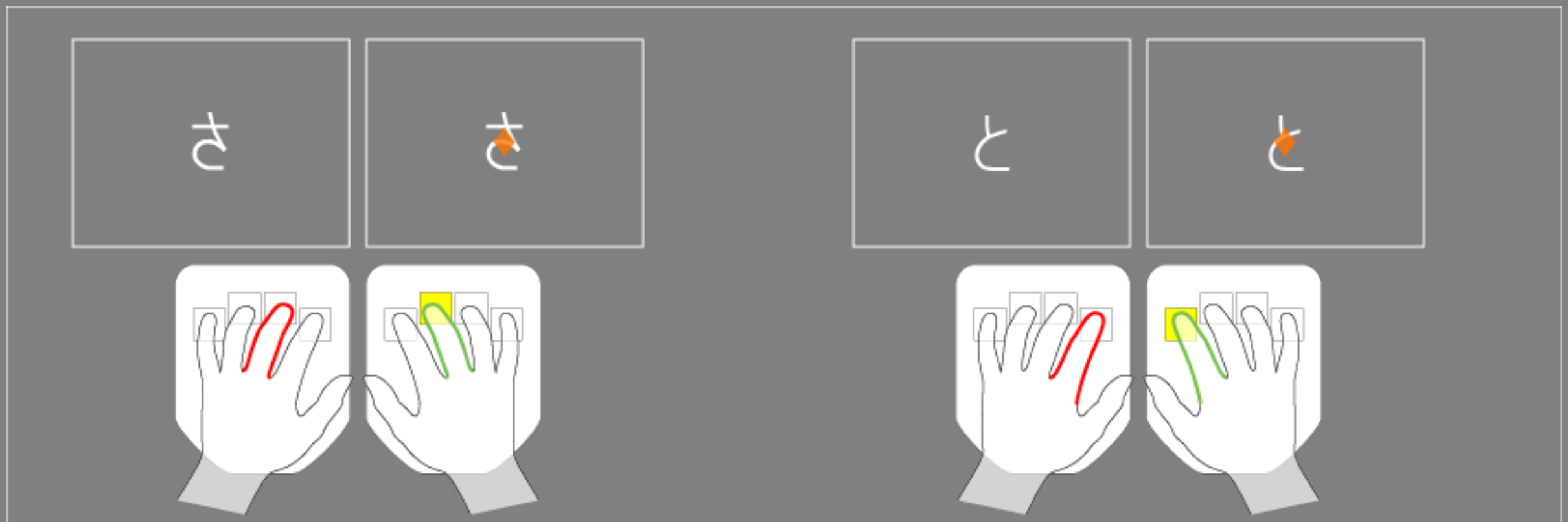
Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In one version of the task, called STOP-LEFT/STOP-RIGHT, the instructions are as follows:

When you see ♦ stop ONLY your left finger



Do you have any questions? If not, press a button to continue

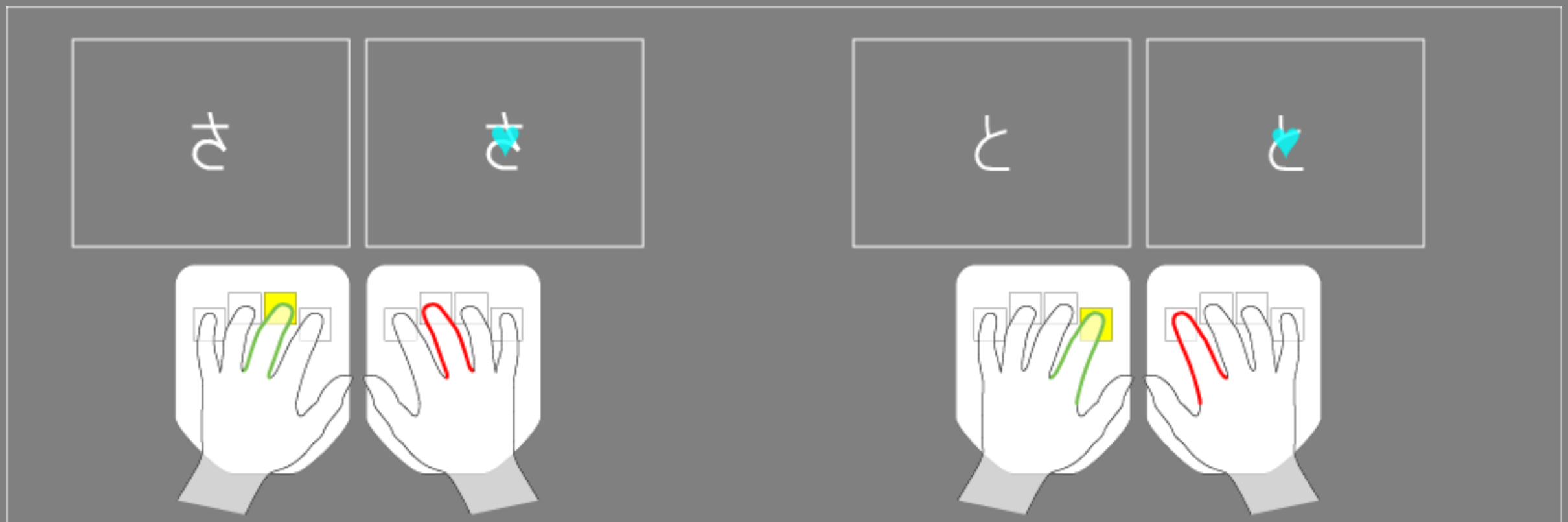
INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In one version of the task, called STOP-LEFT/STOP-RIGHT, the instructions are as follows:

When you see ♦ stop ONLY your left finger

When you see ♥ stop ONLY your right finger



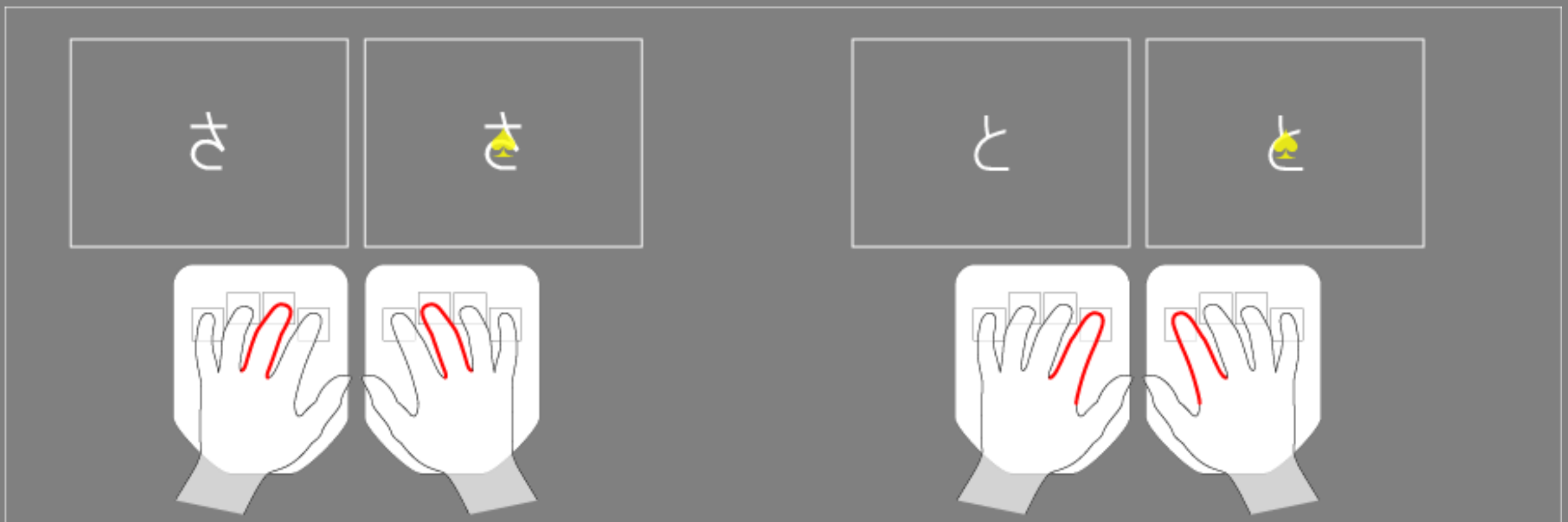
Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In another version of the task, called STOP-BOTH/IGNORE, the instructions are as follows:

When you see ♠ stop BOTH your left and right finger



Do you have any questions? If not, press a button to continue

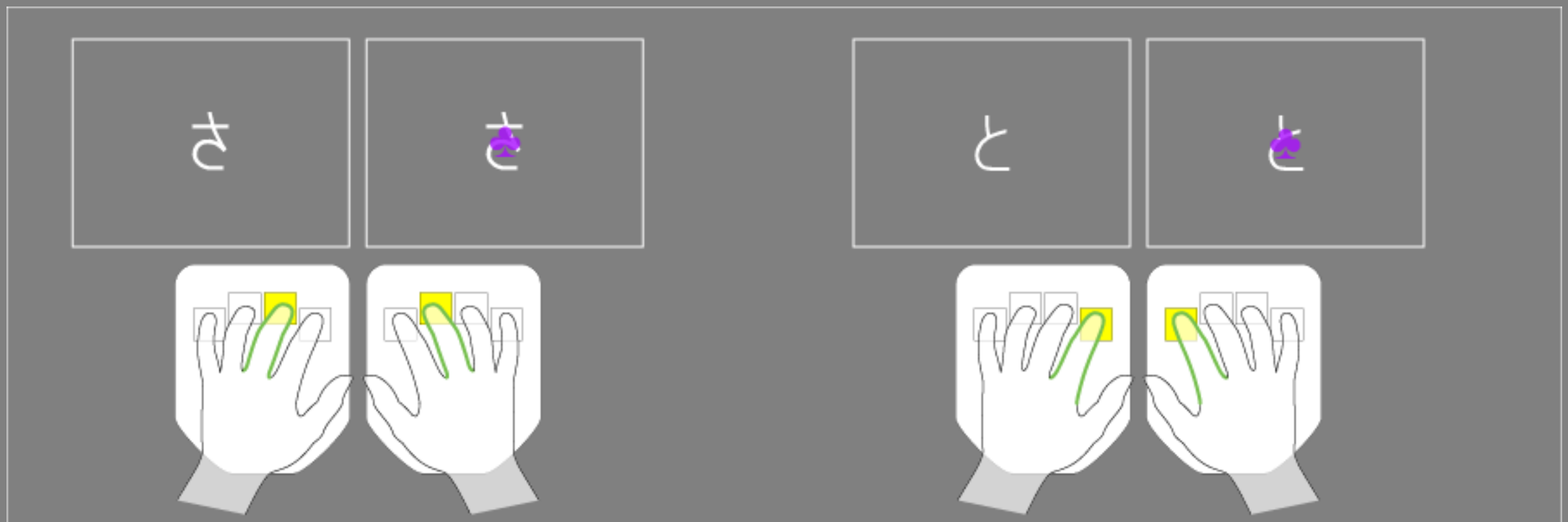
INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In another version of the task, called STOP-BOTH/IGNORE, the instructions are as follows:

When you see ♠ stop BOTH your left and right finger

When you see ♣ ignore it and do *NOT* stop your left and right finger



Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STAGE 2

In both blocks, the presentation of these signals is random: they will not occur in a predictable order. You may not always be able to change your response to the signal. That is ok. It is very important that you **do not wait for the signal** to appear.

Do you have any questions? If not, press a button to continue

PRACTICE - STAGE 2 - INSTRUCTIONS

You will practice the task again shortly. Now, the Japanese characters will occasionally be followed by a signal.



At the end of a practice round, you will receive **feedback** on your performance. You will be evaluated on accuracy, speed, and synchrony of your responses. **You will also be evaluated on accuracy of your response to the signals** (see example below).

middle finger	accuracy: 100% correct	Well done!
index finger	accuracy: 100% correct	Well done!
middle finger	speed: 508 ms	Well done!
index finger	speed: 532 ms	Well done!
middle finger	synchrony: 14 ms difference	Well done!
index finger	synchrony: 21 ms difference	Well done!
stop left	accuracy: 0% correct	Remember to stop left when you see ♦
stop right	accuracy: 30% correct	Well done!

In the event that your performance does not meet all preset requirements, the right column of the feedback provides specific instructions on how you should try to improve performance. You will have to repeat a practice stage until all requirements are met. If you have not met all requirements after four repetitions, we will have to terminate the experiment.

Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STOP-LEFT/STOP-RIGHT

You will practice the STOP-LEFT/STOP-RIGHT version of the task for about 4 minutes. The Japanese characters will occasionally be followed by one of the following signals:  or 

Your main task is to respond to Japanese characters that appear on the screen.

- When you see ㇏, press the two upper buttons with your left and right middle fingers
- When you see ㇏, press the two lower buttons with your left and right index fingers

Occasionally, these Japanese characters will be followed by a signal (playing card symbol):

- When you see  stop ONLY your left finger
- When you see  stop ONLY your right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - PRACTICE - STOP-BOTH/IGNORE

You will practice the STOP-BOTH/IGNORE version of the task for about 4 minutes. The Japanese characters will occasionally be followed by one of the following signals: ♠ or ♣

Your main task is to respond to Japanese characters that appear on the screen.

- When you see ㇏, press the two upper buttons with your left and right middle fingers
- When you see ㇏, press the two lower buttons with your left and right index fingers

Occasionally, these Japanese characters will be followed by a signal (playing card symbol):

- When you see ♠ stop BOTH your left and right finger
- When you see ♣ ignore it and do NOT stop your left and right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment



Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - EXPERIMENT

You will perform 12 blocks of the task, each lasting approximately 4 minutes. You will perform 6 STOP-LEFT/STOP-RIGHT blocks and 6 STOP-BOTH/IGNORE blocks, in alternating order. At the beginning of each block, you will be reminded of the task instructions. At the end of each block you will receive feedback and you can take a short break.

Press a button to start the experiment

STOP-LEFT/STOP-RIGHT BLOCK



- When you see $\hat{\zeta}$, press the two upper buttons with your left and right middle fingers
- When you see ζ , press the two lower buttons with your left and right index fingers
- When you see  stop ONLY your left finger
- When you see  stop ONLY your right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Press a button to start the next block

STOP-BOTH/IGNORE BLOCK

- When you see $\hat{\tau}$, press the two upper buttons with your left and right middle fingers
- When you see $\hat{\tau}$, press the two lower buttons with your left and right index fingers
- When you see  stop BOTH your left and right finger
- When you see  ignore it and do NOT stop your left and right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Press a button to start the next block

STOP TASK

3017031-05-Expt01
version A - session 1

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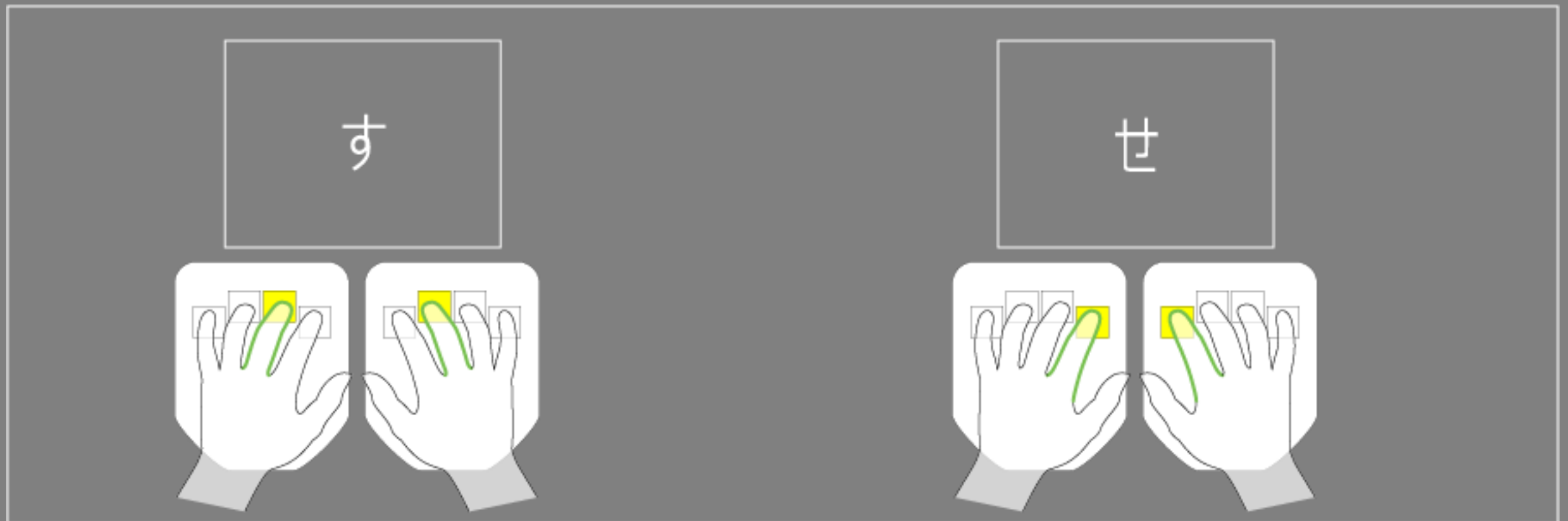
Bram Zandbelt (bramzandbelt@gmail.com)
Donders Institute, Radboud University

INSTRUCTIONS - PRACTICE - STAGE 1

Throughout the experiment, you will be presented with Japanese characters that will appear at the center of the screen. Your task is to respond to these characters as follows:

When you see す, press the two upper buttons with your left and right middle fingers

When you see せ, press the two lower buttons with your left and right index fingers



It is important that you respond as accurate, fast, and synchronous as possible.

Before the character appears, you will see a + for a short duration. Do not respond to this. After the character disappears, you will see feedback (for example: 'correct').

Do you have any questions? If not, press a button to continue.

INSTRUCTIONS - PRACTICE - STAGE 1

You will practice the task shortly. At the end of a practice round, you will receive feedback on your performance. An example screen is shown below. You will be evaluated on accuracy, speed, and synchrony of your responses.

middle finger	accuracy: 100% correct	Well done!
index finger	accuracy: 96% correct	Well done!
middle finger	speed: 522 ms	Well done!
index finger	speed: 549 ms	Well done!
middle finger	synchrony: 117 ms difference	Remember to make synchronous responses
index finger	synchrony: 124 ms difference	Remember to make synchronous responses

In the event that your performance does not meet all preset requirements, the right column of the feedback provides specific instructions on how you should try to improve performance.

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INSTRUCTIONS - PRACTICE - STAGE 1

You will practice the task for about 2 minutes.

Your main task is to respond to Japanese characters that appear on the screen.

- When you see ㇏, press the two upper buttons with your left and right middle fingers
- When you see ㇏, press the two lower buttons with your left and right index fingers

Remember:

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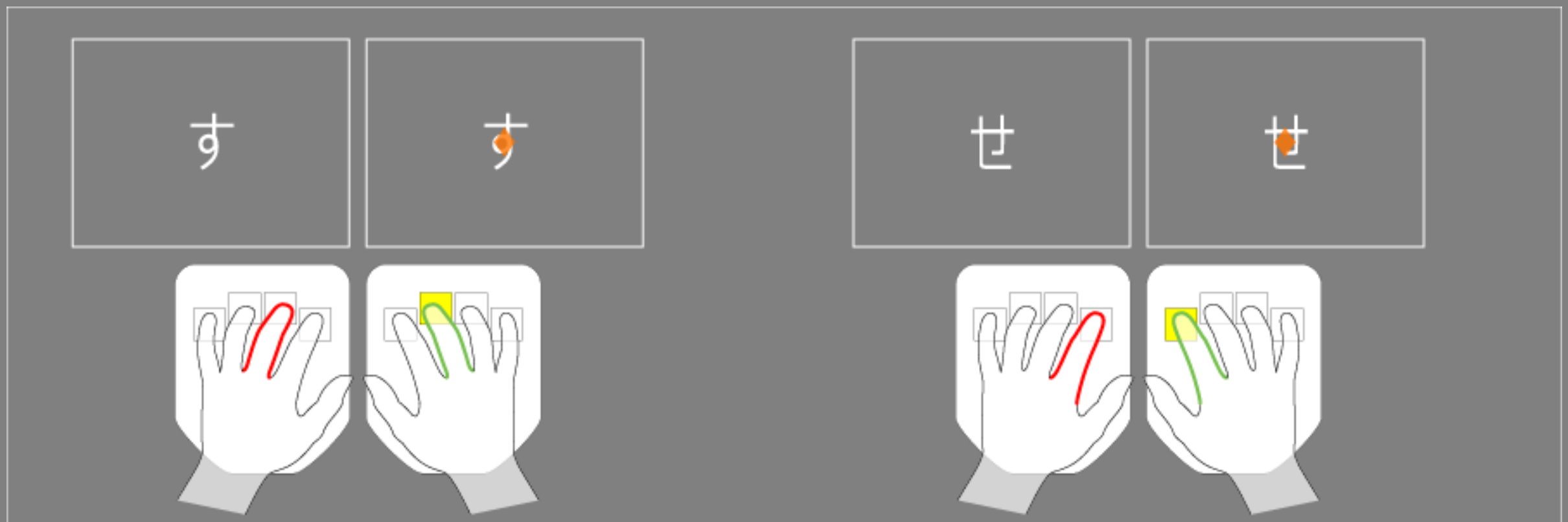
Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In one version of the task, called STOP-LEFT/STOP-RIGHT, the instructions are as follows:

When you see ♦ stop ONLY your left finger



Do you have any questions? If not, press a button to continue

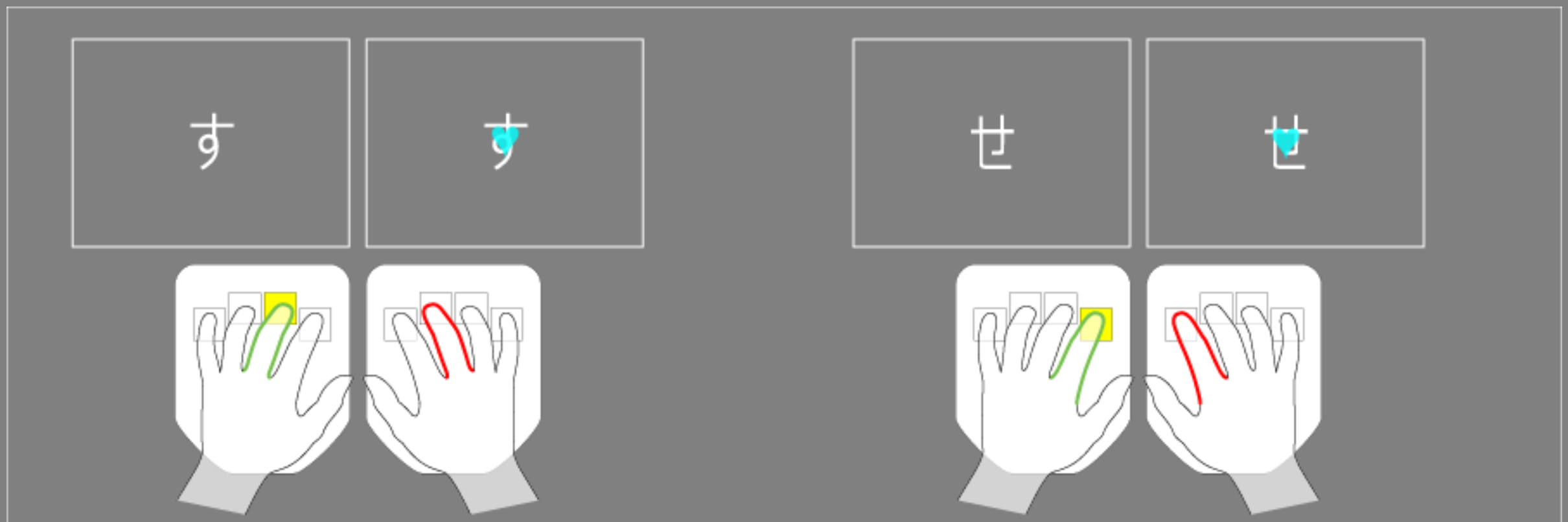
INSTRUCTIONS - PRACTICE - STAGE 2

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In one version of the task, called STOP-LEFT/STOP-RIGHT, the instructions are as follows:

When you see ♦ stop ONLY your left finger

When you see ♥ stop ONLY your right finger



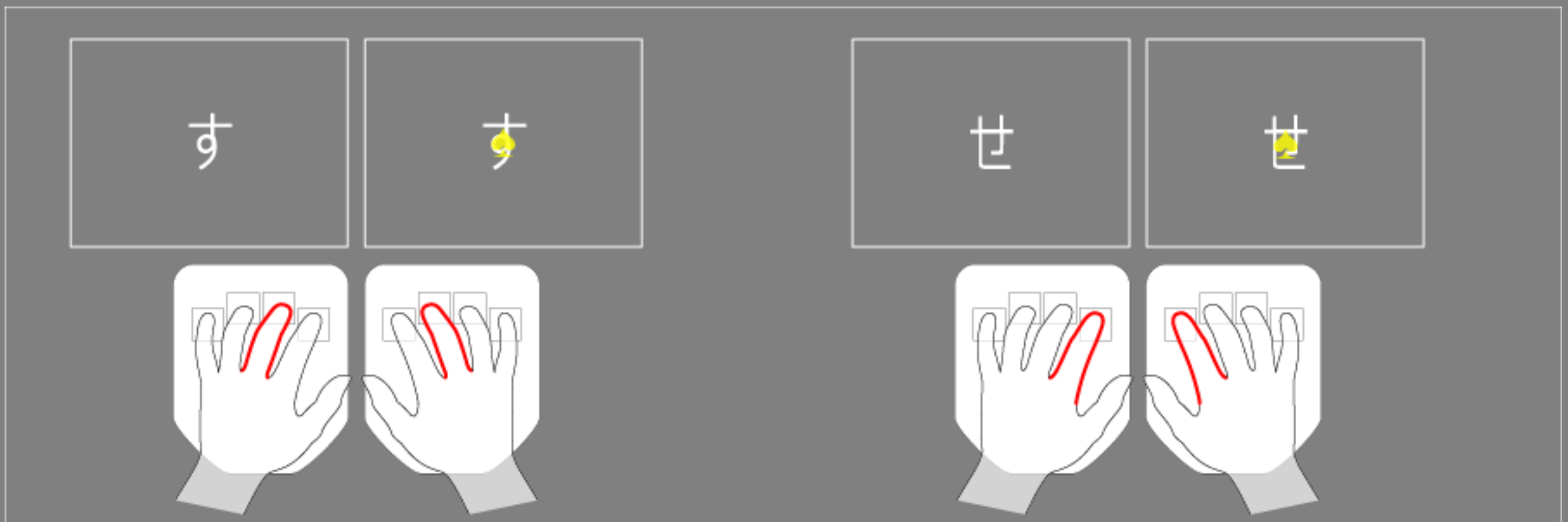
Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In another version of the task, called STOP-BOTH/IGNORE, the instructions are as follows:

When you see ♠ stop BOTH your left and right finger



Do you have any questions? If not, press a button to continue

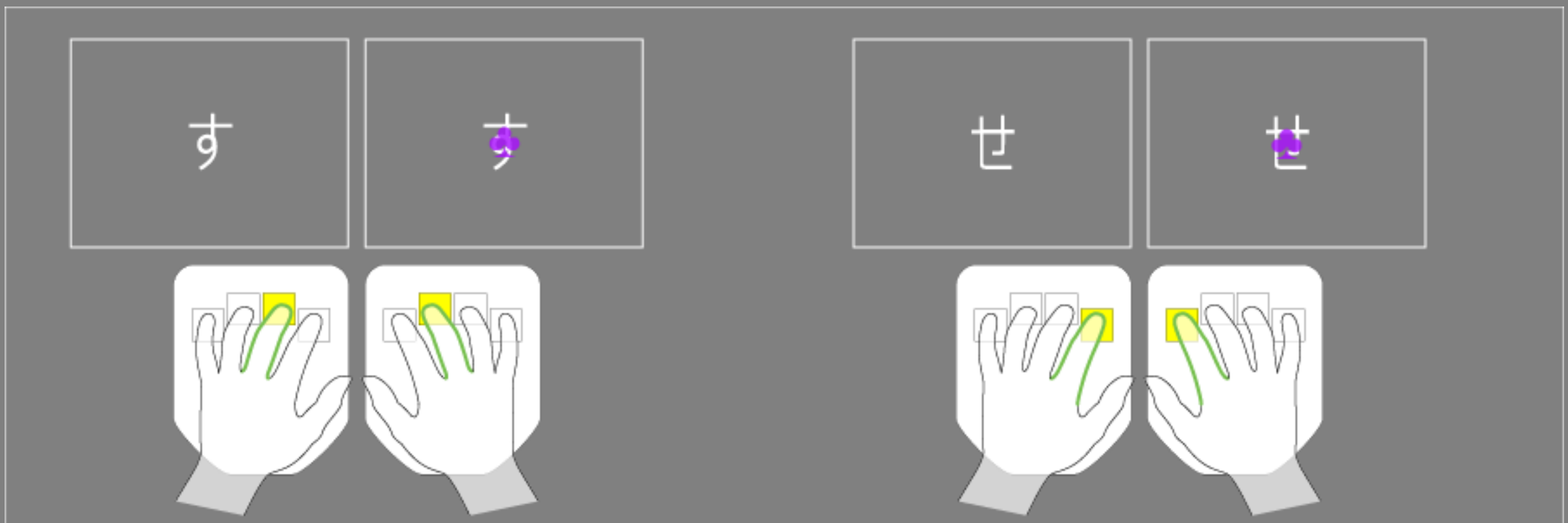
INSTRUCTIONS - PRACTICE - STAGE 2

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In another version of the task, called STOP-BOTH/IGNORE, the instructions are as follows:

When you see ♠ stop BOTH your left and right finger

When you see ♣ ignore it and do *NOT* stop your left and right finger



Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STAGE 2

In both blocks, the presentation of these signals is random: they will not occur in a predictable order. You may not always be able to change your response to the signal. That is ok. It is very important that you **do not wait for the signal** to appear.

Do you have any questions? If not, press a button to continue

PRACTICE - STAGE 2 - INSTRUCTIONS

You will practice the task again shortly. Now, the Japanese characters will occasionally be followed by a signal.



At the end of a practice round, you will receive **feedback** on your performance. You will be evaluated on accuracy, speed, and synchrony of your responses. **You will also be evaluated on accuracy of your response to the signals** (see example below).

middle finger	accuracy: 100% correct	Well done!
index finger	accuracy: 100% correct	Well done!
middle finger	speed: 508 ms	Well done!
index finger	speed: 532 ms	Well done!
middle finger	synchrony: 14 ms difference	Well done!
index finger	synchrony: 21 ms difference	Well done!
stop left	accuracy: 0% correct	Remember to stop left when you see ♦
stop right	accuracy: 30% correct	Well done!

In the event that your performance does not meet all preset requirements, the right column of the feedback provides specific instructions on how you should try to improve performance. You will have to repeat a practice stage until all requirements are met. If you have not met all requirements after four repetitions, we will have to terminate the experiment.

Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STOP-LEFT/STOP-RIGHT

You will practice the STOP-LEFT/STOP-RIGHT version of the task for about 4 minutes. The Japanese characters will occasionally be followed by one of the following signals:  or 

Your main task is to respond to Japanese characters that appear on the screen.

- When you see ㇰ, press the two upper buttons with your left and right middle fingers
- When you see ㇱ, press the two lower buttons with your left and right index fingers

Occasionally, these Japanese characters will be followed by a signal (playing card symbol):

- When you see  stop ONLY your left finger
- When you see  stop ONLY your right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - PRACTICE - STOP-BOTH/IGNORE

You will practice the STOP-BOTH/IGNORE version of the task for about 4 minutes. The Japanese characters will occasionally be followed by one of the following signals: ♠ or ♣

Your main task is to respond to Japanese characters that appear on the screen.

- When you see ㇿ, press the two upper buttons with your left and right middle fingers
- When you see ㇾ, press the two lower buttons with your left and right index fingers

Occasionally, these Japanese characters will be followed by a signal (playing card symbol):

- When you see ♠ stop BOTH your left and right finger
- When you see ♣ ignore it and do NOT stop your left and right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - EXPERIMENT

You will perform 12 blocks of the task, each lasting approximately 4 minutes. You will perform 6 STOP-LEFT/STOP-RIGHT blocks and 6 STOP-BOTH/IGNORE blocks, in alternating order. At the beginning of each block, you will be reminded of the task instructions. At the end of each block you will receive feedback and you can take a short break.

Press a button to start the experiment

STOP-LEFT/STOP-RIGHT BLOCK

- When you see す, press the two upper buttons with your left and right middle fingers
- When you see ㇿ, press the two lower buttons with your left and right index fingers
- When you see ♦ stop ONLY your left finger
- When you see ♥ stop ONLY your right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Press a button to start the next block

STOP-BOTH/IGNORE BLOCK

- When you see す, press the two upper buttons with your left and right middle fingers
- When you see ㇿ, press the two lower buttons with your left and right index fingers
- When you see ♠ stop BOTH your left and right finger
- When you see ♣ ignore it and do NOT stop your left and right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Press a button to start the next block

STOP TASK

3017031-05-Expt01
version A - session 2

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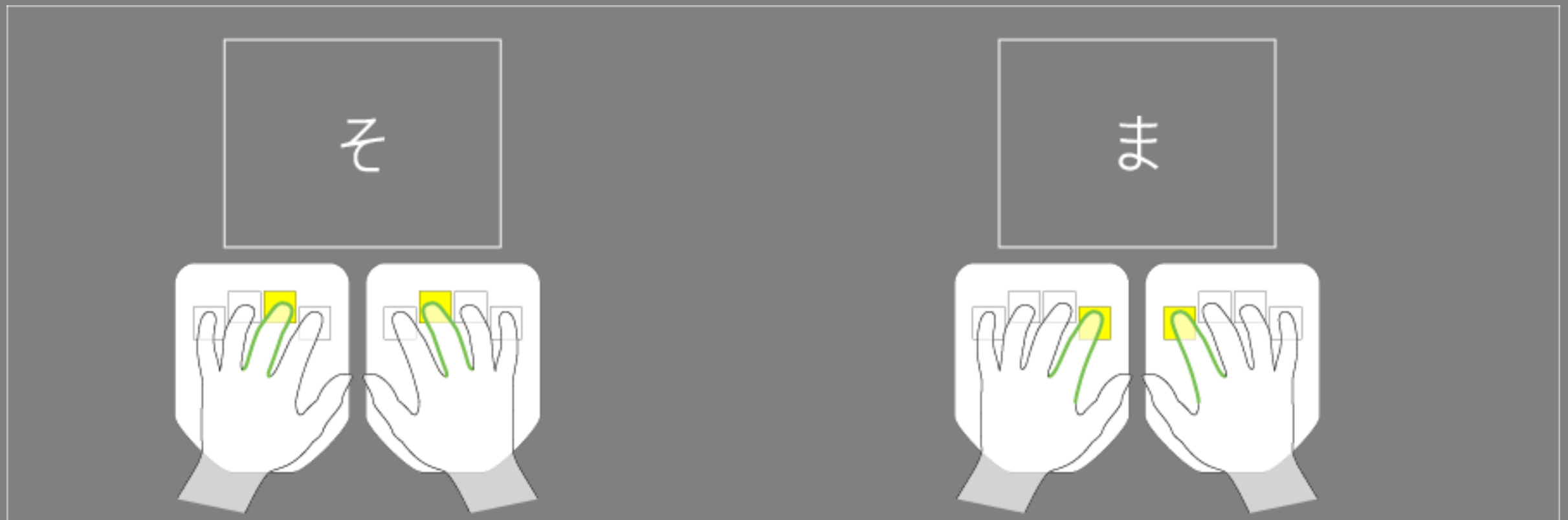
Bram Zandbelt (bramzandbelt@gmail.com)
Donders Institute, Radboud University

INSTRUCTIONS - PRACTICE - STAGE 1

Throughout the experiment, you will be presented with Japanese characters that will appear at the center of the screen. Your task is to respond to these characters as follows:

When you see れ, press the two upper buttons with your left and right middle fingers

When you see ま, press the two lower buttons with your left and right index fingers



It is important that you respond as accurate, fast, and synchronous as possible.

Before the character appears, you will see a + for a short duration. Do not respond to this. After the character disappears, you will see feedback (for example: 'correct').

Do you have any questions? If not, press a button to continue.

INSTRUCTIONS - PRACTICE - STAGE 1

You will practice the task shortly. At the end of a practice round, you will receive feedback on your performance. An example screen is shown below. You will be evaluated on accuracy, speed, and synchrony of your responses.

middle finger	accuracy: 100% correct	Well done!
index finger	accuracy: 96% correct	Well done!
middle finger	speed: 522 ms	Well done!
index finger	speed: 549 ms	Well done!
middle finger	synchrony: 117 ms difference	Remember to make synchronous responses
index finger	synchrony: 124 ms difference	Remember to make synchronous responses

In the event that your performance does not meet all preset requirements, the right column of the feedback provides specific instructions on how you should try to improve performance.

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Once you have met all requirements, try to maintain performance throughout the experiment.

Do you have any questions? If not, press a button to continue.

INSTRUCTIONS - PRACTICE - STAGE 1

You will practice the task for about 2 minutes.

Your main task is to respond to Japanese characters that appear on the screen.

- When you see ゼ, press the two upper buttons with your left and right middle fingers
- When you see ズ, press the two lower buttons with your left and right index fingers

Remember:

- You should respond as accurate, fast, and synchronous as possible

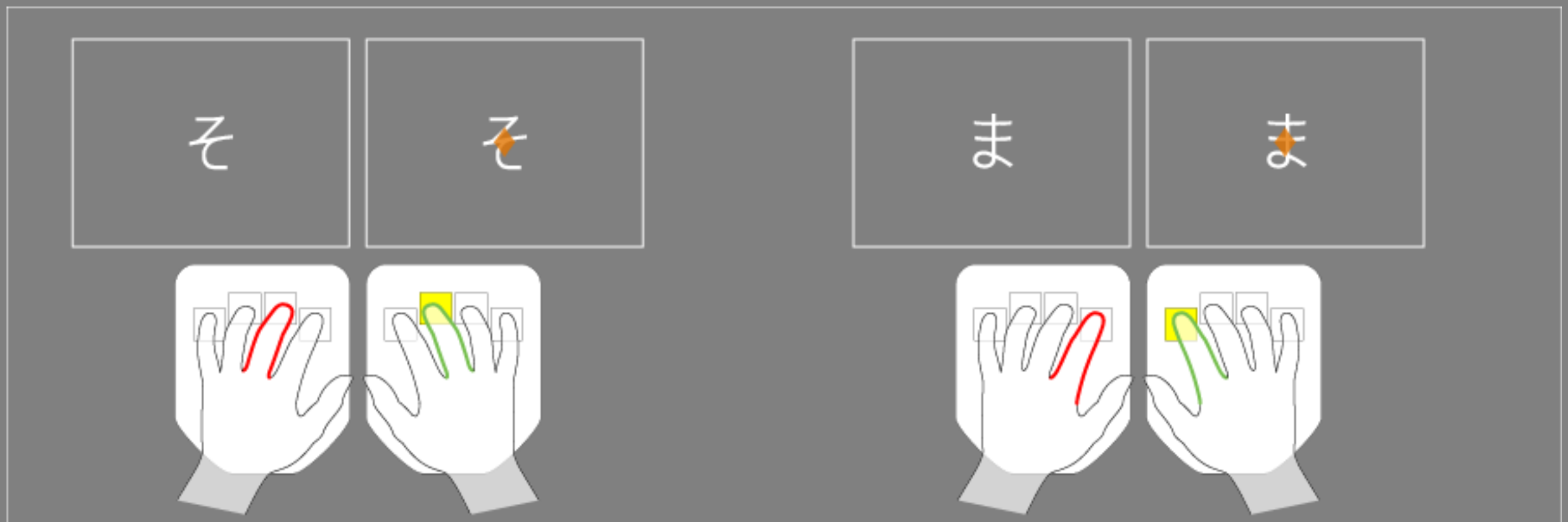
Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In one version of the task, called STOP-LEFT/STOP-RIGHT, the instructions are as follows:

When you see ♦ stop ONLY your left finger



Do you have any questions? If not, press a button to continue

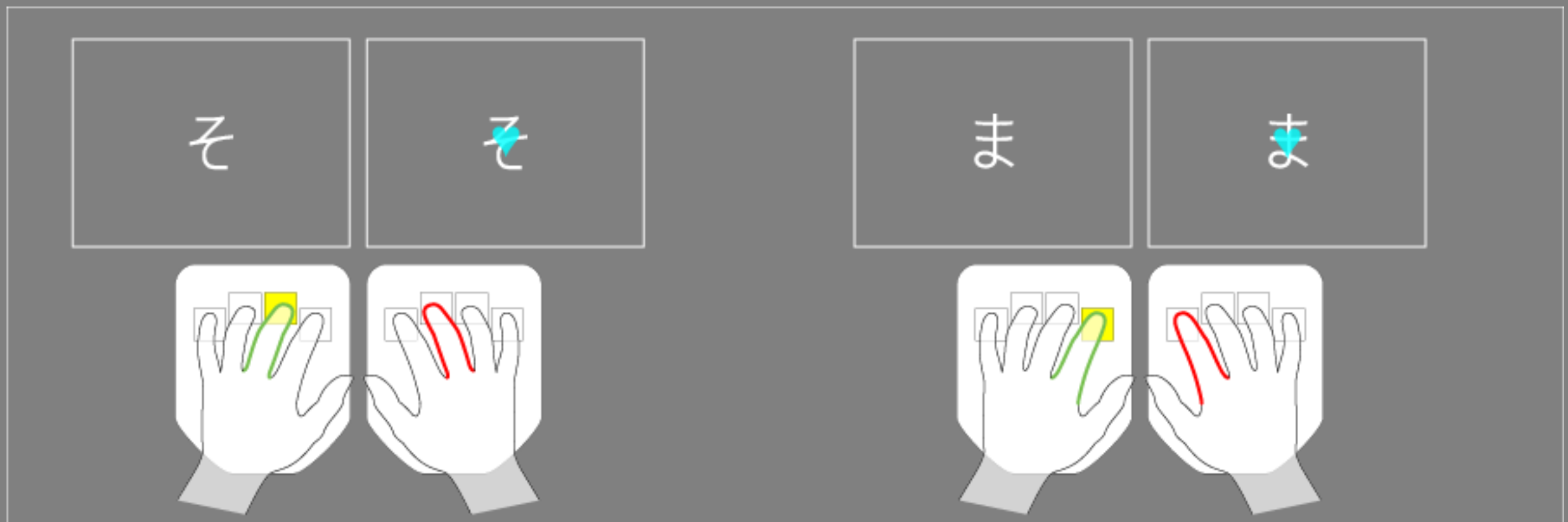
INSTRUCTIONS - PRACTICE - STAGE 2

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In one version of the task, called STOP-LEFT/STOP-RIGHT, the instructions are as follows:

When you see ♦ stop ONLY your left finger

When you see ♥ stop ONLY your right finger



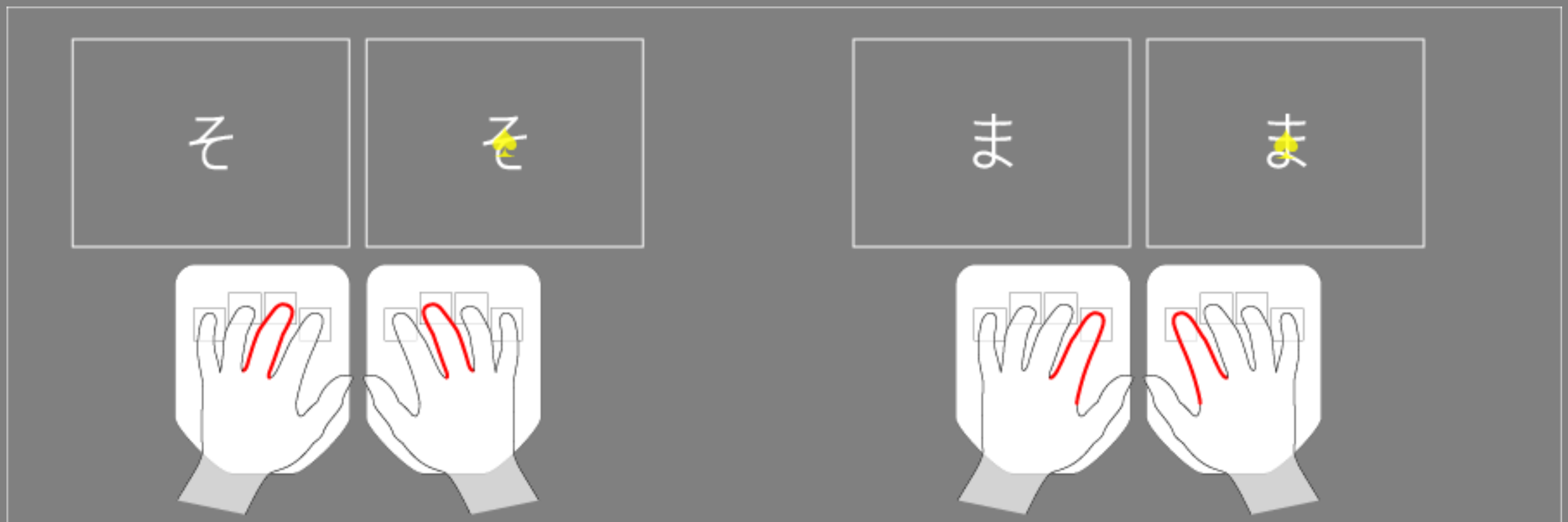
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INSTRUCTIONS - PRACTICE - STAGE 2

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In another version of the task, called STOP-BOTH/IGNORE, the instructions are as follows:

When you see ♠ stop BOTH your left and right finger



Do you have any questions? If not, press a button to continue

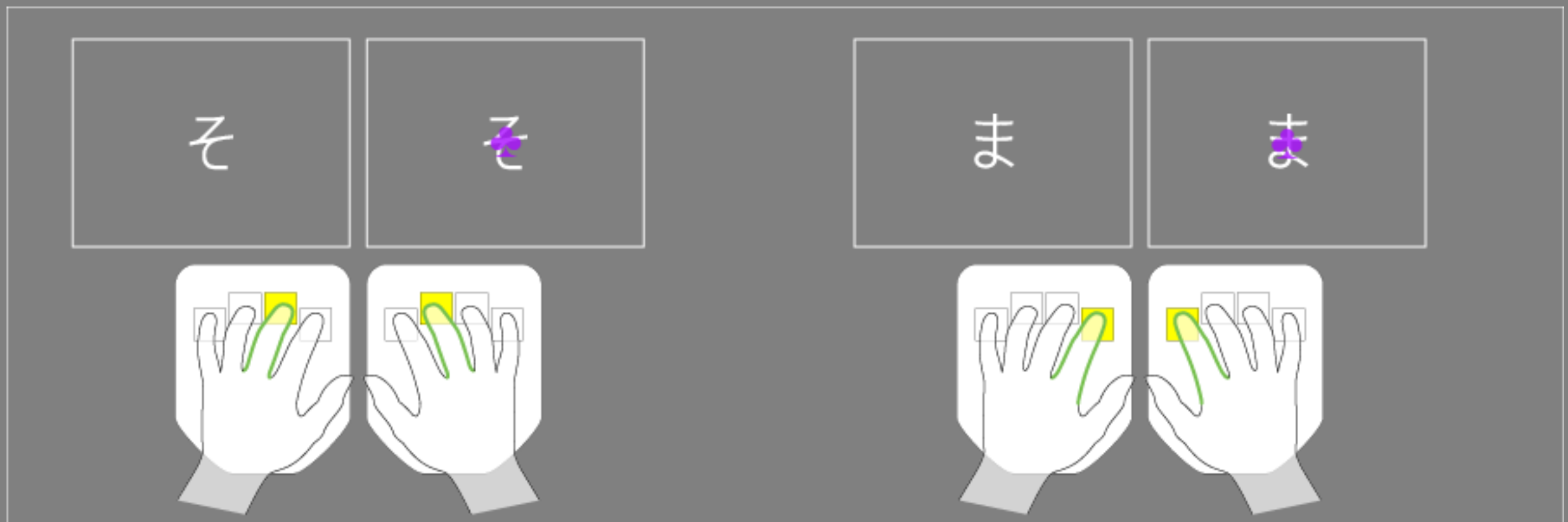
INSTRUCTIONS - PRACTICE - STAGE 2

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In another version of the task, called STOP-BOTH/IGNORE, the instructions are as follows:

When you see ♠ stop BOTH your left and right finger

When you see ♣ ignore it and do *NOT* stop your left and right finger



Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STAGE 2A

In both blocks, the presentation of these signals is random: they will not occur in a predictable order. You may not always be able to change your response to the signal. That is ok. It is very important that you **do not wait for the signal** to appear.

Do you have any questions? If not, press a button to continue

PRACTICE - STAGE 2 - INSTRUCTIONS

You will practice the task again shortly. Now, the Japanese characters will occasionally be followed by a signal.



At the end of a practice round, you will receive **feedback** on your performance. You will be evaluated on accuracy, speed, and synchrony of your responses. **You will also be evaluated on accuracy of your response to the signals** (see example below).

middle finger	accuracy: 100% correct	Well done!
index finger	accuracy: 100% correct	Well done!
middle finger	speed: 508 ms	Well done!
index finger	speed: 532 ms	Well done!
middle finger	synchrony: 14 ms difference	Well done!
index finger	synchrony: 21 ms difference	Well done!
stop left	accuracy: 0% correct	Remember to stop left when you see ♦
stop right	accuracy: 30% correct	Well done!

In the event that your performance does not meet all preset requirements, the right column of the feedback provides specific instructions on how you should try to improve performance. You will have to repeat a practice stage until all requirements are met. If you have not met all requirements after four repetitions, we will have to terminate the experiment.

Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STOP-LEFT/STOP-RIGHT

You will practice the STOP-LEFT/STOP-RIGHT version of the task for about 4 minutes. The Japanese characters will occasionally be followed by one of the following signals:  or 

Your main task is to respond to Japanese characters that appear on the screen.

- When you see ㇏, press the two upper buttons with your left and right middle fingers
- When you see ㇏, press the two lower buttons with your left and right index fingers

Occasionally, these Japanese characters will be followed by a signal (playing card symbol):

- When you see  stop ONLY your left finger
- When you see  stop ONLY your right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - PRACTICE - STOP-BOTH/IGNORE

You will practice the STOP-BOTH/IGNORE version of the task for about 4 minutes. The Japanese characters will occasionally be followed by one of the following signals: ♠ or ♣

Your main task is to respond to Japanese characters that appear on the screen.

- When you see ズ, press the two upper buttons with your left and right middle fingers
- When you see ァ, press the two lower buttons with your left and right index fingers

Occasionally, these Japanese characters will be followed by a signal (playing card symbol):

- When you see ♠ stop BOTH your left and right finger
- When you see ♣ ignore it and do NOT stop your left and right finger

Remember:

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Press a button to start the experiment

STOP-LEFT/STOP-RIGHT BLOCK



- When you see \mathcal{Z} , press the two upper buttons with your left and right middle fingers
- When you see \mathcal{F} , press the two lower buttons with your left and right index fingers
- When you see  stop ONLY your left finger
- When you see  stop ONLY your right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Press a button to start the next block

STOP-BOTH/IGNORE BLOCK

- When you see \mathbb{Z} , press the two upper buttons with your left and right middle fingers
- When you see \mathbb{A} , press the two lower buttons with your left and right index fingers
- When you see  stop BOTH your left and right finger
- When you see  ignore it and do NOT stop your left and right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Press a button to start the next block

STOP TASK

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version A - session 3

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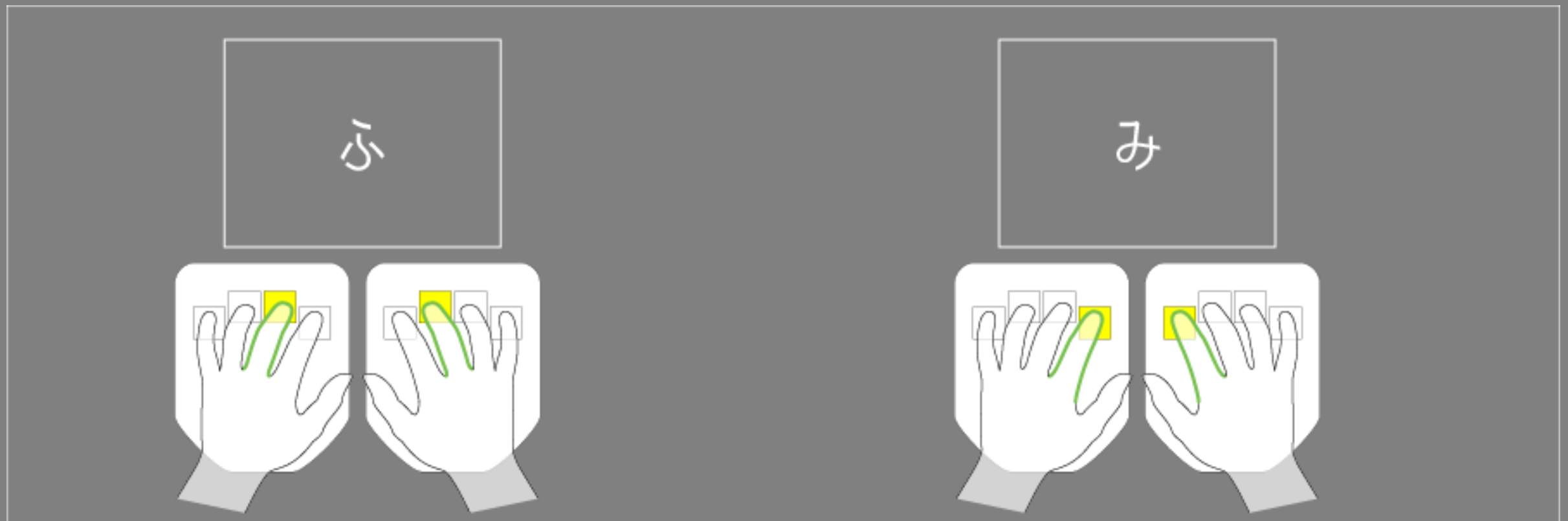
Bram Zandbelt (bramzandbelt@gmail.com)
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INSTRUCTIONS - PRACTICE - STAGE 1

Throughout the experiment, you will be presented with Japanese characters that will appear at the center of the screen. Your task is to respond to these characters as follows:

When you see ふ, press the two upper buttons with your left and right middle fingers

When you see み, press the two lower buttons with your left and right index fingers



It is important that you respond as accurate, fast, and synchronous as possible.

Before the character appears, you will see a + for a short duration. Do not respond to this. After the character disappears, you will see feedback (for example: 'correct').

Do you have any questions? If not, press a button to continue.

INSTRUCTIONS - PRACTICE - STAGE 1

You will practice the task shortly. At the end of a practice round, you will receive feedback on your performance. An example screen is shown below. You will be evaluated on accuracy, speed, and synchrony of your responses.

middle finger	accuracy: 100% correct	Well done!
index finger	accuracy: 96% correct	Well done!
middle finger	speed: 522 ms	Well done!
index finger	speed: 549 ms	Well done!
middle finger	synchrony: 117 ms difference	Remember to make synchronous responses
index finger	synchrony: 124 ms difference	Remember to make synchronous responses

In the event that your performance does not meet all preset requirements, the right column of the feedback provides specific instructions on how you should try to improve performance.

If you have not met all requirements, you will have to repeat a practice stage. If you have not met all requirements after four repetitions, we will have to terminate the experiment.

Once you have met all requirements, try to maintain performance throughout the experiment.

Do you have any questions? If not, press a button to continue.

INSTRUCTIONS - PRACTICE - STAGE 1

You will practice the task for about 2 minutes.

Your main task is to respond to Japanese characters that appear on the screen.

- When you see ふ, press the two upper buttons with your left and right middle fingers
- When you see み, press the two lower buttons with your left and right index fingers

Remember:

- You should respond as accurate, fast, and synchronous as possible

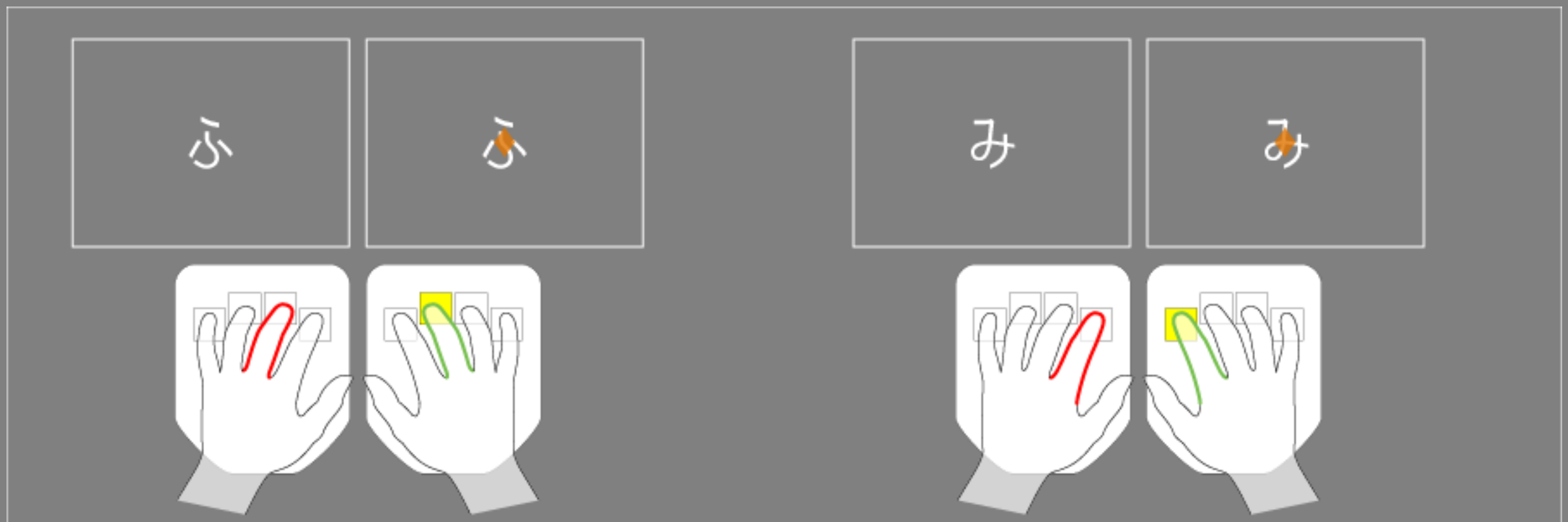
Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In one version of the task, called STOP-LEFT/STOP-RIGHT, the instructions are as follows:

When you see ♦ stop ONLY your left finger



Do you have any questions? If not, press a button to continue

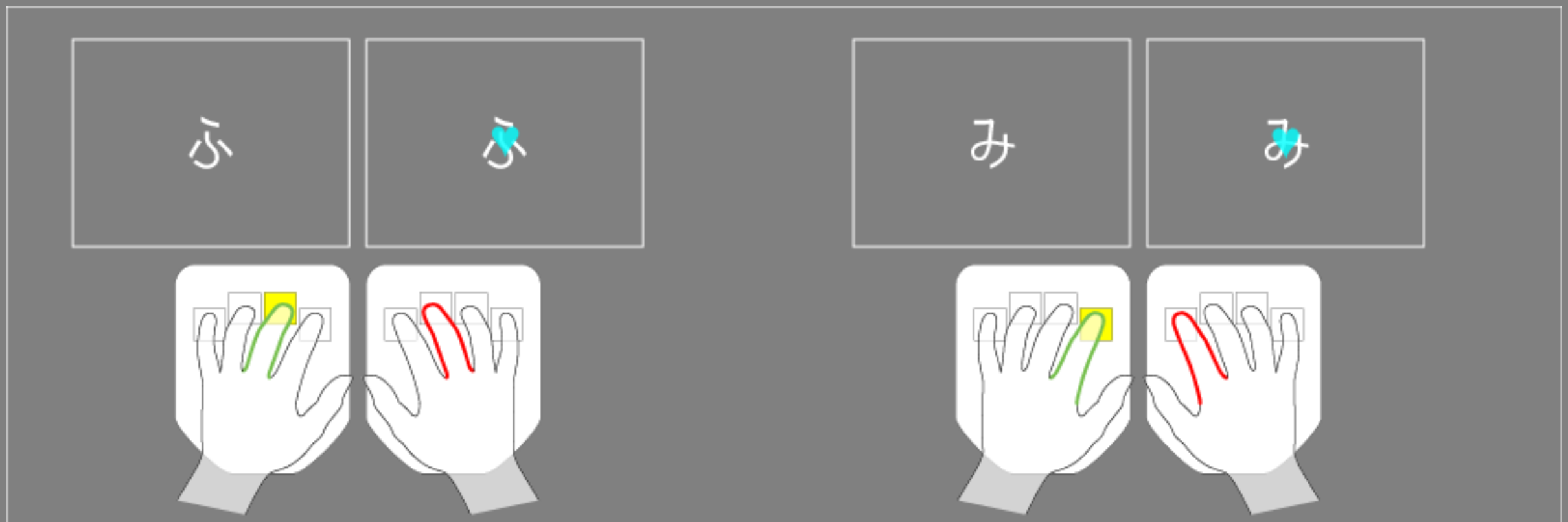
INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In one version of the task, called STOP-LEFT/STOP-RIGHT, the instructions are as follows:

When you see ♦ stop ONLY your left finger

When you see ♥ stop ONLY your right finger



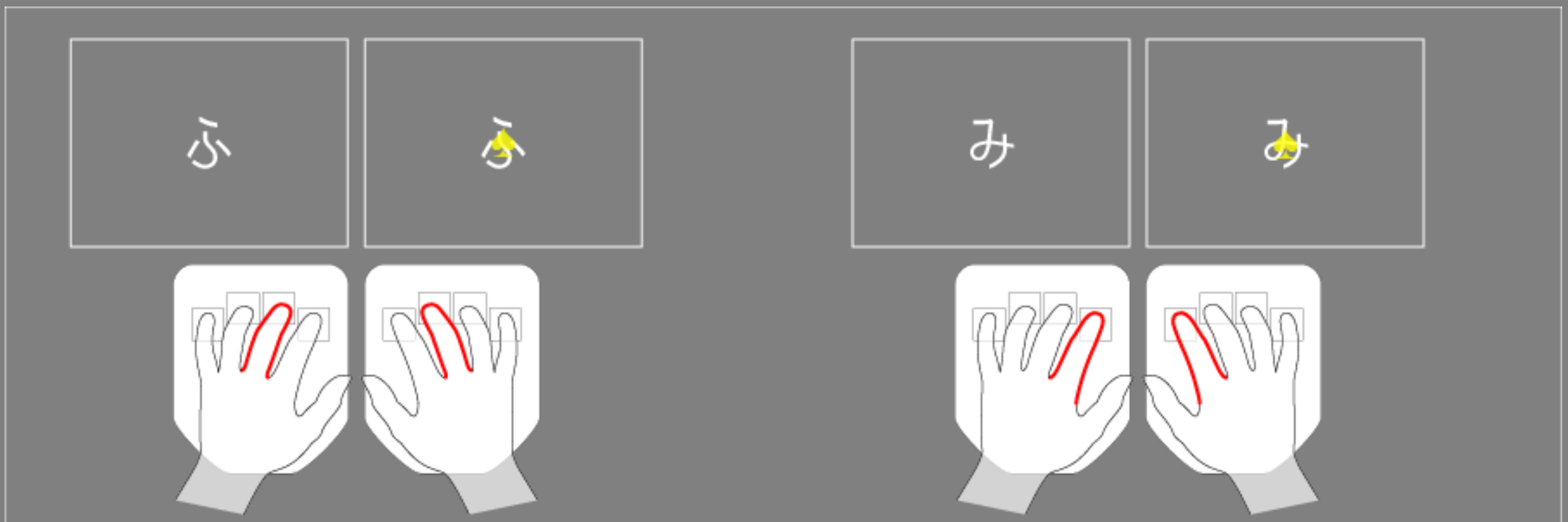
Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In another version of the task, called STOP-BOTH/IGNORE, the instructions are as follows:

When you see ♠ stop BOTH your left and right finger



Do you have any questions? If not, press a button to continue

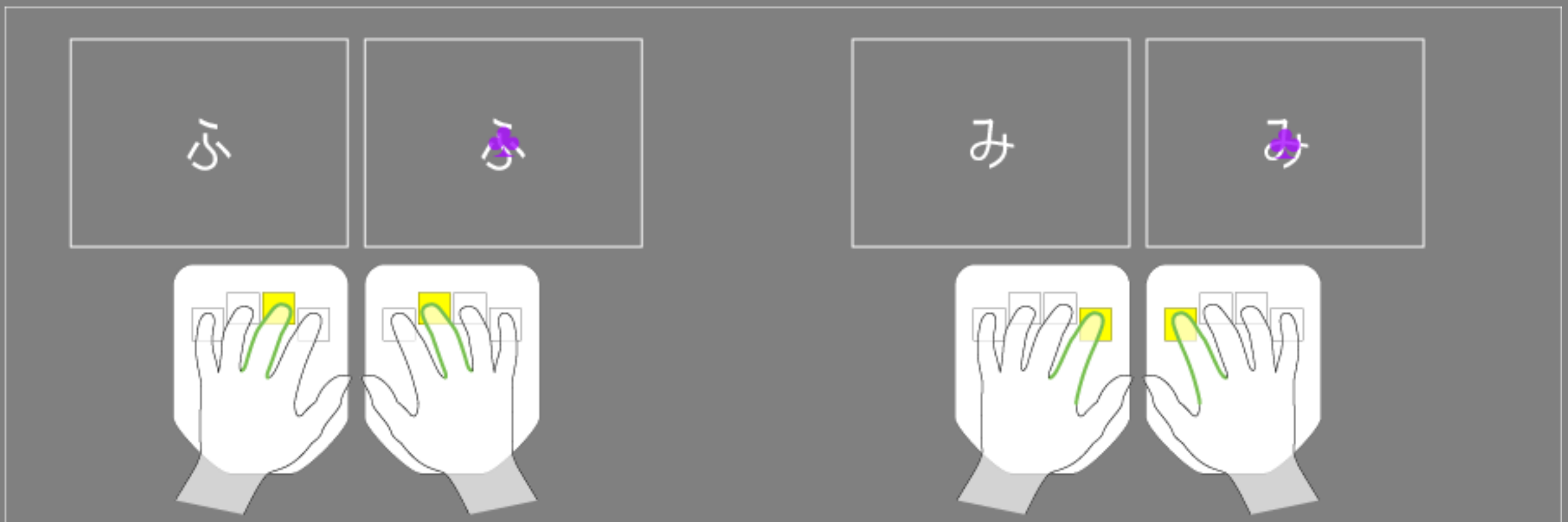
INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In another version of the task, called STOP-BOTH/IGNORE, the instructions are as follows:

When you see ♠ stop BOTH your left and right finger

When you see ♣ ignore it and do *NOT* stop your left and right finger



Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STAGE 2A

In both blocks, the presentation of these signals is random: they will not occur in a predictable order. You may not always be able to change your response to the signal. That is ok. It is very important that you **do not wait for the signal** to appear.

Do you have any questions? If not, press a button to continue

PRACTICE - STAGE 2 - INSTRUCTIONS

You will practice the task again shortly. Now, the Japanese characters will occasionally be followed by a signal.



At the end of a practice round, you will receive **feedback** on your performance. You will be evaluated on accuracy, speed, and synchrony of your responses. **You will also be evaluated on accuracy of your response to the signals** (see example below).

middle finger	accuracy: 100% correct	Well done!
index finger	accuracy: 100% correct	Well done!
middle finger	speed: 508 ms	Well done!
index finger	speed: 532 ms	Well done!
middle finger	synchrony: 14 ms difference	Well done!
index finger	synchrony: 21 ms difference	Well done!
stop left	accuracy: 0% correct	Remember to stop left when you see ♦
stop right	accuracy: 30% correct	Well done!

In the event that your performance does not meet all preset requirements, the right column of the feedback provides specific instructions on how you should try to improve performance. You will have to repeat a practice stage until all requirements are met. If you have not met all requirements after four repetitions, we will have to terminate the experiment.

Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STOP-LEFT/STOP-RIGHT

You will practice the STOP-LEFT/STOP-RIGHT version of the task for about 4 minutes. The Japanese characters will occasionally be followed by one of the following signals:  or 

Your main task is to respond to Japanese characters that appear on the screen.

- When you see ふ, press the two upper buttons with your left and right middle fingers
- When you see み, press the two lower buttons with your left and right index fingers

Occasionally, these Japanese characters will be followed by a signal (playing card symbol):

- When you see  stop ONLY your left finger
- When you see  stop ONLY your right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - PRACTICE - STOP-BOTH/IGNORE

You will practice the STOP-BOTH/IGNORE version of the task for about 4 minutes. The Japanese characters will occasionally be followed by one of the following signals: ♠ or ♣

Your main task is to respond to Japanese characters that appear on the screen.

- When you see ふ, press the two upper buttons with your left and right middle fingers
- When you see み, press the two lower buttons with your left and right index fingers

Occasionally, these Japanese characters will be followed by a signal (playing card symbol):

- When you see ♠ stop BOTH your left and right finger
- When you see ♣ ignore it and do NOT stop your left and right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - EXPERIMENT

You will perform 12 blocks of the task, each lasting approximately 4 minutes. You will perform 6 STOP-LEFT/STOP-RIGHT blocks and 6 STOP-BOTH/IGNORE blocks, in alternating order. At the beginning of each block, you will be reminded of the task instructions. At the end of each block you will receive feedback and you can take a short break.

Press a button to start the experiment

STOP-LEFT/STOP-RIGHT BLOCK

- When you see ♪, press the two upper buttons with your left and right middle fingers
- When you see ♫, press the two lower buttons with your left and right index fingers
- When you see ♦ stop ONLY your left finger
- When you see ♥ stop ONLY your right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Press a button to start the next block

STOP-BOTH/IGNORE BLOCK

- When you see ♫, press the two upper buttons with your left and right middle fingers
- When you see ♪, press the two lower buttons with your left and right index fingers
- When you see ♠ stop BOTH your left and right finger
- When you see ♣ ignore it and do NOT stop your left and right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Press a button to start the next block

STOP TASK

3017031-05-Expt01
version A - session 4

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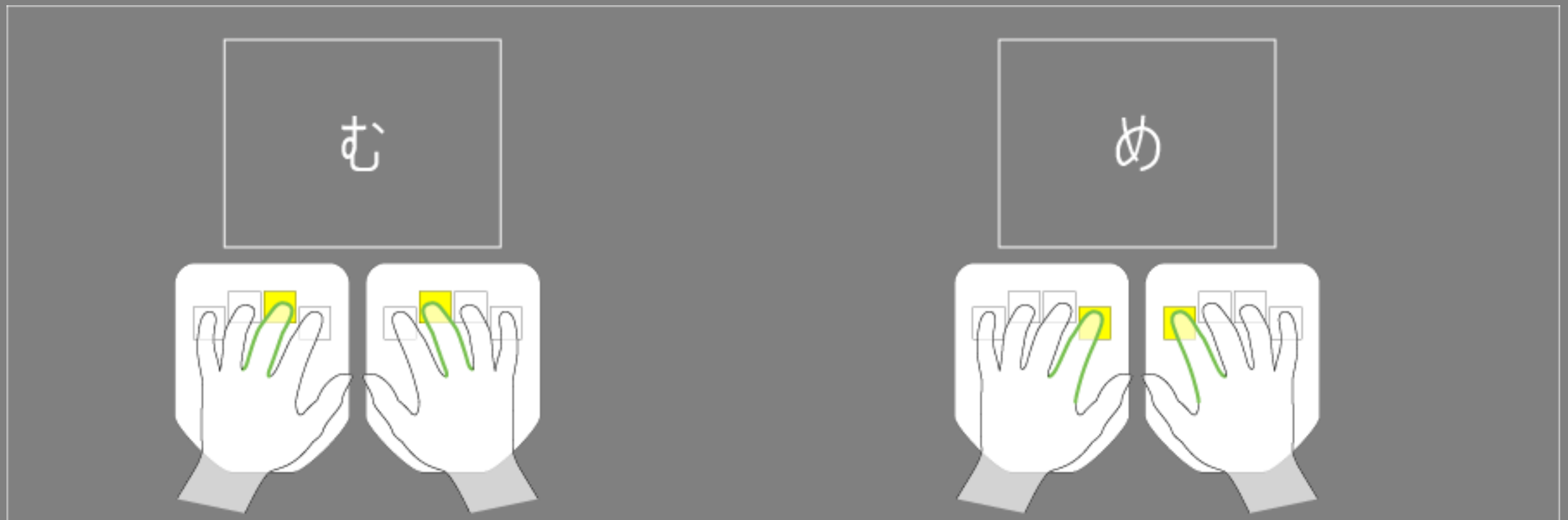
Bram Zandbelt (bramzandbelt@gmail.com)
Donders Institute, Radboud University

INSTRUCTIONS - PRACTICE - STAGE 1

Throughout the experiment, you will be presented with Japanese characters that will appear at the center of the screen. Your task is to respond to these characters as follows:

When you see む, press the two upper buttons with your left and right middle fingers

When you see め, press the two lower buttons with your left and right index fingers



It is important that you respond as accurate, fast, and synchronous as possible.

Before the character appears, you will see a + for a short duration. Do not respond to this. After the character disappears, you will see feedback (for example: 'correct').

Do you have any questions? If not, press a button to continue.

INSTRUCTIONS - PRACTICE - STAGE 1

You will practice the task shortly. At the end of a practice round, you will receive feedback on your performance. An example screen is shown below. You will be evaluated on accuracy, speed, and synchrony of your responses.

middle finger	accuracy: 100% correct	Well done!
index finger	accuracy: 96% correct	Well done!
middle finger	speed: 522 ms	Well done!
index finger	speed: 549 ms	Well done!
middle finger	synchrony: 117 ms difference	Remember to make synchronous responses
index finger	synchrony: 124 ms difference	Remember to make synchronous responses

In the event that your performance does not meet all preset requirements, the right column of the feedback provides specific instructions on how you should try to improve performance.

If you have not met all requirements, you will have to repeat a practice stage. If you have not met all requirements after four repetitions, we will have to terminate the experiment.

Once you have met all requirements, try to maintain performance throughout the experiment.

Do you have any questions? If not, press a button to continue.

INSTRUCTIONS - PRACTICE - STAGE 1

You will practice the task for about 2 minutes.

Your main task is to respond to Japanese characters that appear on the screen.

- When you see ㇏, press the two upper buttons with your left and right middle fingers
- When you see ㇏, press the two lower buttons with your left and right index fingers

Remember:

- You should respond as accurate, fast, and synchronous as possible

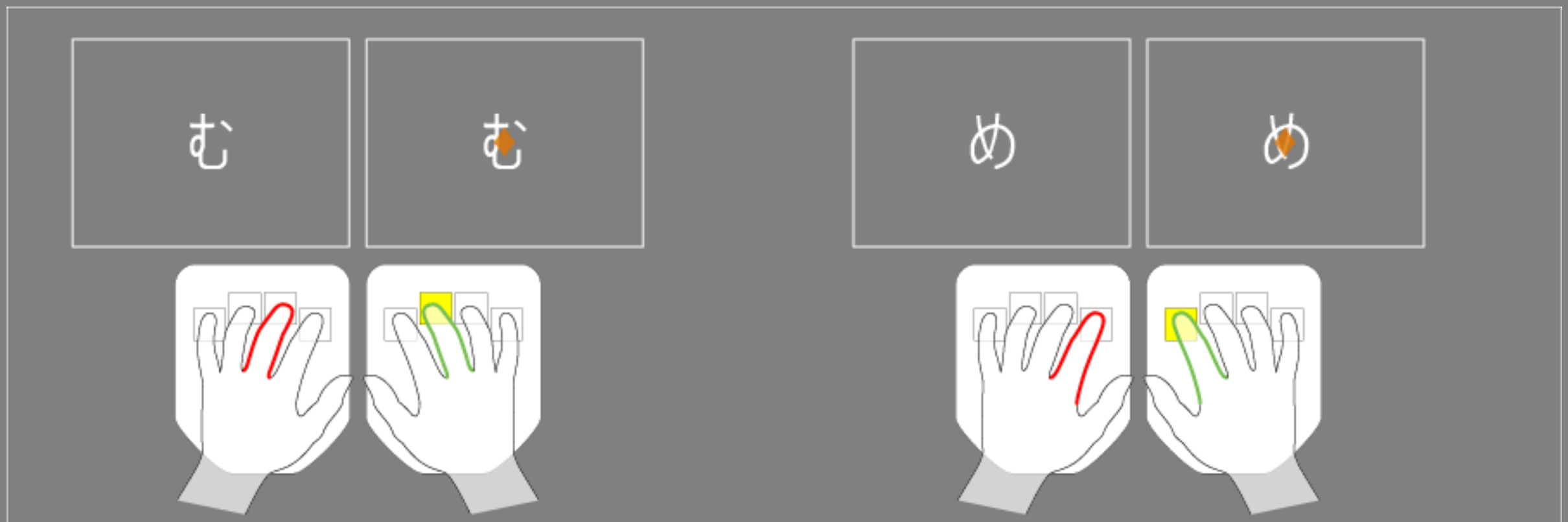
Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In one version of the task, called STOP-LEFT/STOP-RIGHT, the instructions are as follows:

When you see ♦ stop ONLY your left finger



Do you have any questions? If not, press a button to continue

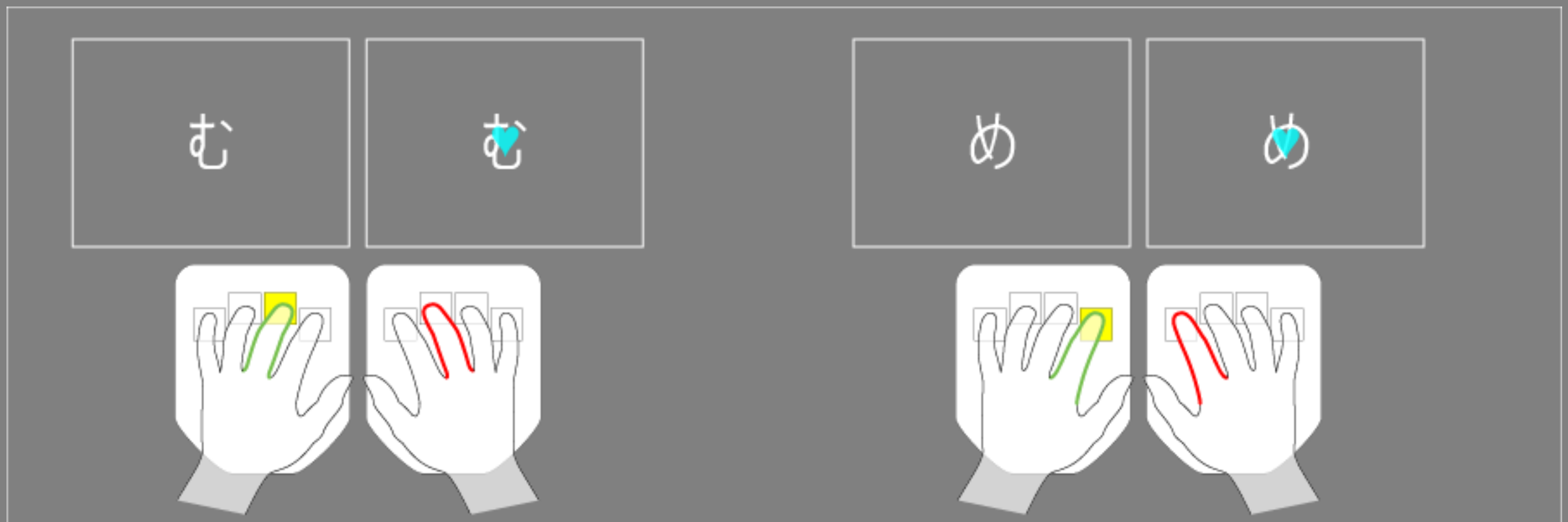
INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In one version of the task, called STOP-LEFT/STOP-RIGHT, the instructions are as follows:

When you see ♦ stop ONLY your left finger

When you see ♥ stop ONLY your right finger



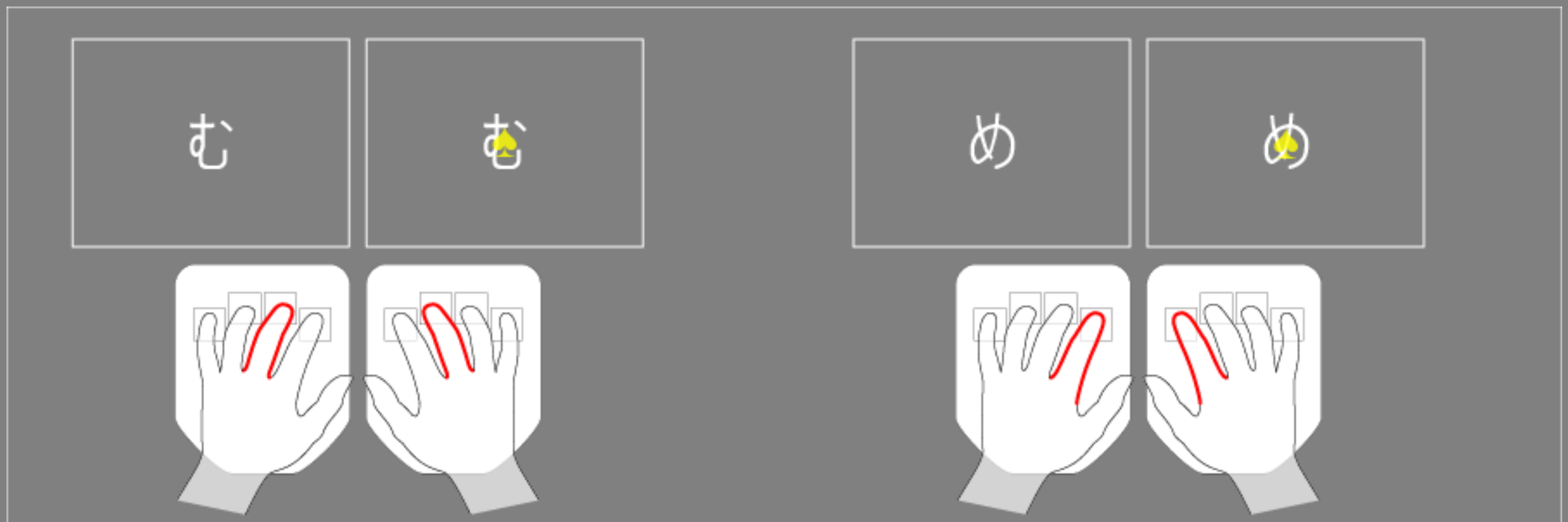
Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In another version of the task, called STOP-BOTH/IGNORE, the instructions are as follows:

When you see ♠ stop BOTH your left and right finger



Do you have any questions? If not, press a button to continue

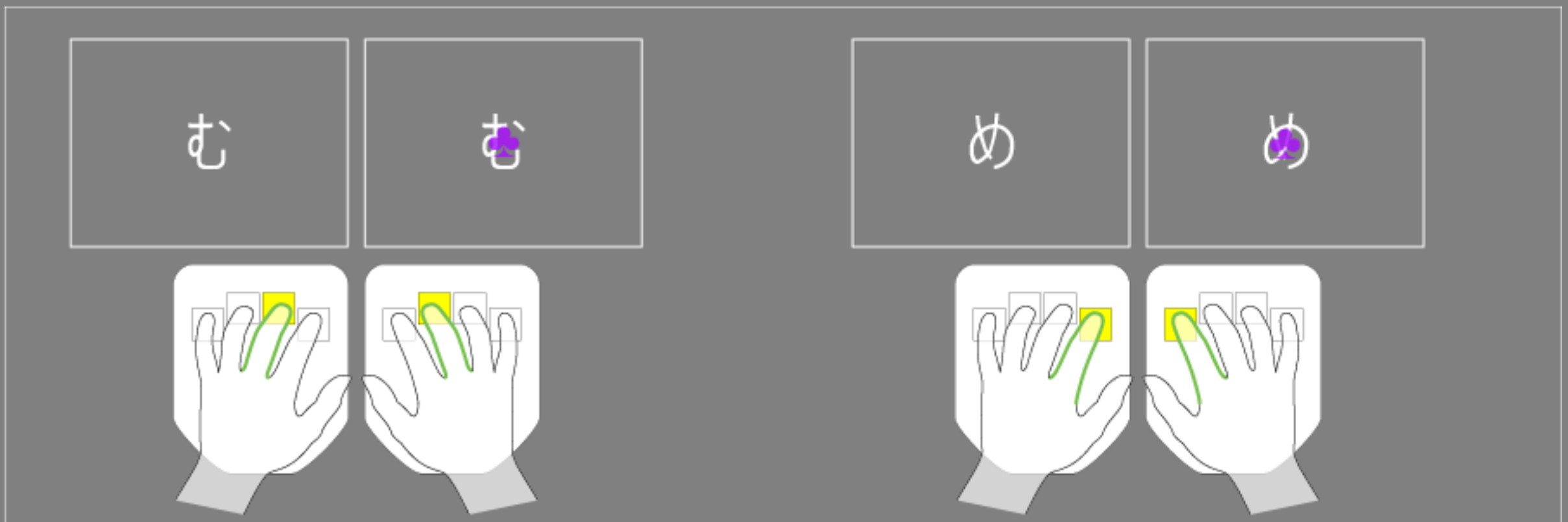
INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In another version of the task, called STOP-BOTH/IGNORE, the instructions are as follows:

When you see ♠ stop BOTH your left and right finger

When you see ♣ ignore it and do *NOT* stop your left and right finger



Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STAGE 2A

In both blocks, the presentation of these signals is random: they will not occur in a predictable order. You may not always be able to change your response to the signal. That is ok. It is very important that you **do not wait for the signal** to appear.

Do you have any questions? If not, press a button to continue

PRACTICE - STAGE 2 - INSTRUCTIONS

You will practice the task again shortly. Now, the Japanese characters will occasionally be followed by a signal.



At the end of a practice round, you will receive **feedback** on your performance. You will be evaluated on accuracy, speed, and synchrony of your responses. **You will also be evaluated on accuracy of your response to the signals** (see example below).

middle finger	accuracy: 100% correct	Well done!
index finger	accuracy: 100% correct	Well done!
middle finger	speed: 508 ms	Well done!
index finger	speed: 532 ms	Well done!
middle finger	synchrony: 14 ms difference	Well done!
index finger	synchrony: 21 ms difference	Well done!
stop left	accuracy: 0% correct	Remember to stop left when you see ♦
stop right	accuracy: 30% correct	Well done!

In the event that your performance does not meet all preset requirements, the right column of the feedback provides specific instructions on how you should try to improve performance. You will have to repeat a practice stage until all requirements are met. If you have not met all requirements after four repetitions, we will have to terminate the experiment.

Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STOP-LEFT/STOP-RIGHT

You will practice the STOP-LEFT/STOP-RIGHT version of the task for about 4 minutes. The Japanese characters will occasionally be followed by one of the following signals:  or 

Your main task is to respond to Japanese characters that appear on the screen.

- When you see ㇿ, press the two upper buttons with your left and right middle fingers
- When you see ㇾ, press the two lower buttons with your left and right index fingers

Occasionally, these Japanese characters will be followed by a signal (playing card symbol):

- When you see  stop ONLY your left finger
- When you see  stop ONLY your right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - PRACTICE - STOP-BOTH/IGNORE

You will practice the STOP-BOTH/IGNORE version of the task for about 4 minutes. The Japanese characters will occasionally be followed by one of the following signals: ♠ or ♣

Your main task is to respond to Japanese characters that appear on the screen.

- When you see ㇿ, press the two upper buttons with your left and right middle fingers
- When you see ㇾ, press the two lower buttons with your left and right index fingers

Occasionally, these Japanese characters will be followed by a signal (playing card symbol):

- When you see ♠ stop BOTH your left and right finger
- When you see ♣ ignore it and do NOT stop your left and right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment



Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - EXPERIMENT

You will perform 12 blocks of the task, each lasting approximately 4 minutes. You will perform 6 STOP-LEFT/STOP-RIGHT blocks and 6 STOP-BOTH/IGNORE blocks, in alternating order. At the beginning of each block, you will be reminded of the task instructions. At the end of each block you will receive feedback and you can take a short break.

Press a button to start the experiment

STOP-LEFT/STOP-RIGHT BLOCK

- When you see ㇏, press the two upper buttons with your left and right middle fingers
- When you see ㇏, press the two lower buttons with your left and right index fingers
- When you see  stop ONLY your left finger
- When you see  stop ONLY your right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Press a button to start the next block

STOP-BOTH/IGNORE BLOCK

- When you see ♠, press the two upper buttons with your left and right middle fingers
- When you see ♣, press the two lower buttons with your left and right index fingers
- When you see ♠ stop BOTH your left and right finger
- When you see ♣ ignore it and do NOT stop your left and right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Press a button to start the next block

STOP TASK

3017031-05-Expt01
version B - session 0

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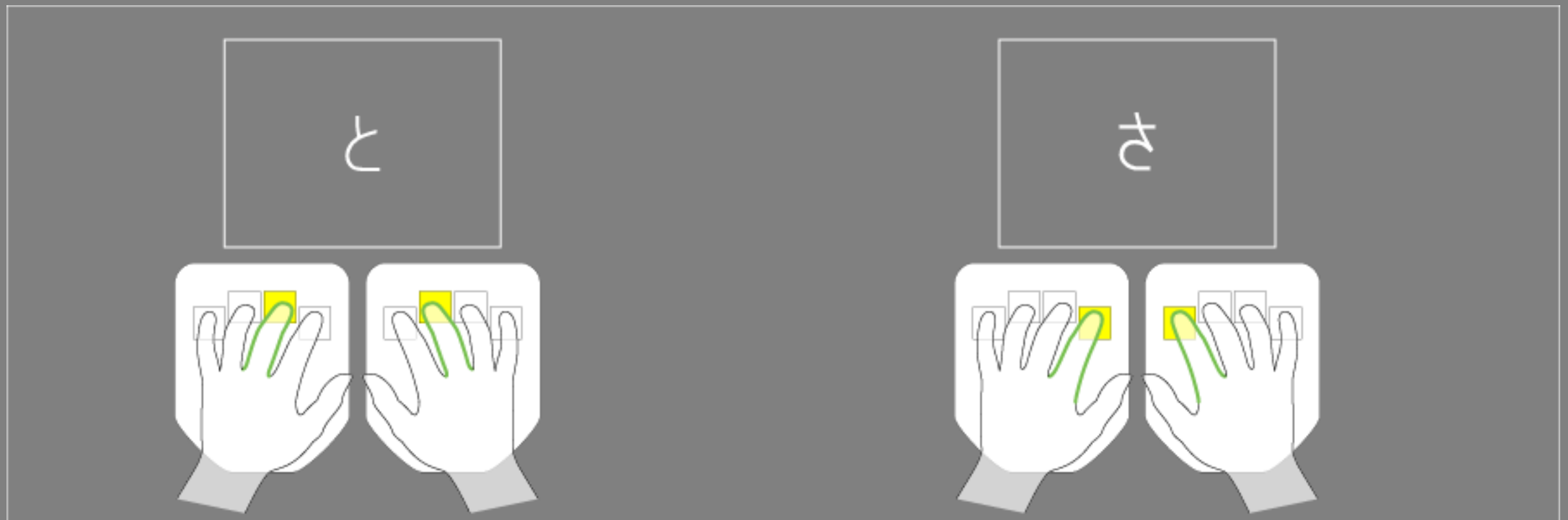
Bram Zandbelt (bramzandbelt@gmail.com)
Donders Institute, Radboud University

INSTRUCTIONS - PRACTICE - STAGE 1

Throughout the experiment, you will be presented with Japanese characters that will appear at the center of the screen. Your task is to respond to these characters as follows:

When you see と, press the two upper buttons with your left and right middle fingers

When you see ち, press the two lower buttons with your left and right index fingers



It is important that you respond as accurate, fast, and synchronous as possible.

Before the character appears, you will see a + for a short duration. Do not respond to this. After the character disappears, you will see feedback (for example: 'correct').

Do you have any questions? If not, press a button to continue.

INSTRUCTIONS - PRACTICE - STAGE 1

You will practice the task shortly. At the end of a practice round, you will receive feedback on your performance. An example screen is shown below. You will be evaluated on accuracy, speed, and synchrony of your responses.

middle finger	accuracy: 100% correct	Well done!
index finger	accuracy: 96% correct	Well done!
middle finger	speed: 522 ms	Well done!
index finger	speed: 549 ms	Well done!
middle finger	synchrony: 117 ms difference	Remember to make synchronous responses
index finger	synchrony: 124 ms difference	Remember to make synchronous responses

In the event that your performance does not meet all preset requirements, the right column of the feedback provides specific instructions on how you should try to improve performance.

If you have not met all requirements, you will have to repeat a practice stage. If you have not met all requirements after four repetitions, we will have to terminate the experiment.

Once you have met all requirements, try to maintain performance throughout the experiment.

Do you have any questions? If not, press a button to continue.

INSTRUCTIONS - PRACTICE - STAGE 1

You will practice the task for about 2 minutes.

Your main task is to respond to Japanese characters that appear on the screen.

- When you see と, press the two upper buttons with your left and right middle fingers
- When you see っ, press the two lower buttons with your left and right index fingers

Remember:

- You should respond as accurate, fast, and synchronous as possible

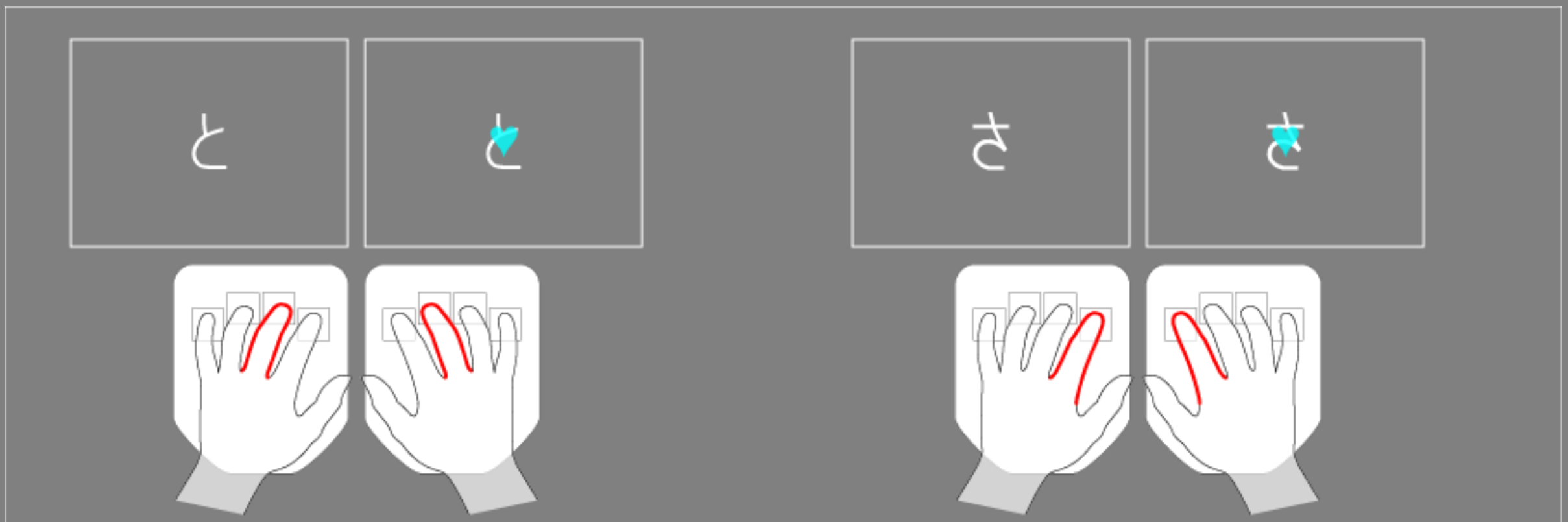
Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In one version of the task, called STOP-BOTH/IGNORE, the instructions are as follows:

When you see ♥ stop BOTH your left and right finger



Do you have any questions? If not, press a button to continue

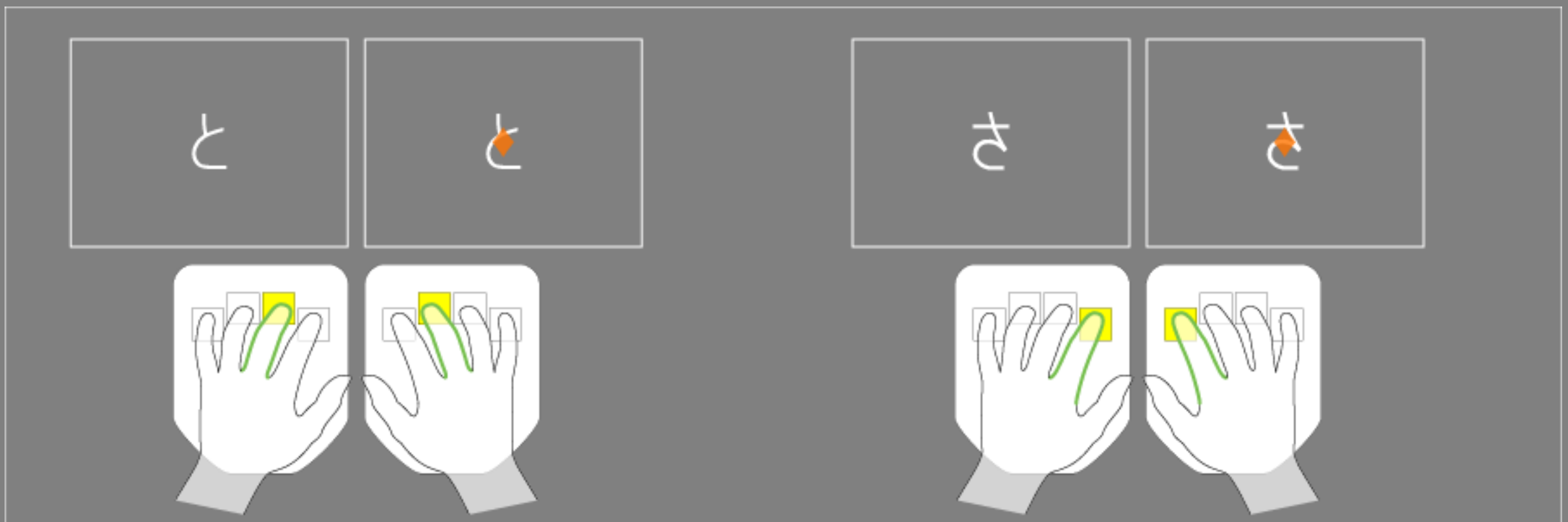
INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In one version of the task, called STOP-BOTH/IGNORE, the instructions are as follows:

When you see ♥ stop BOTH your left and right finger

When you see ♦ ignore it and do *NOT* stop your left and right finger



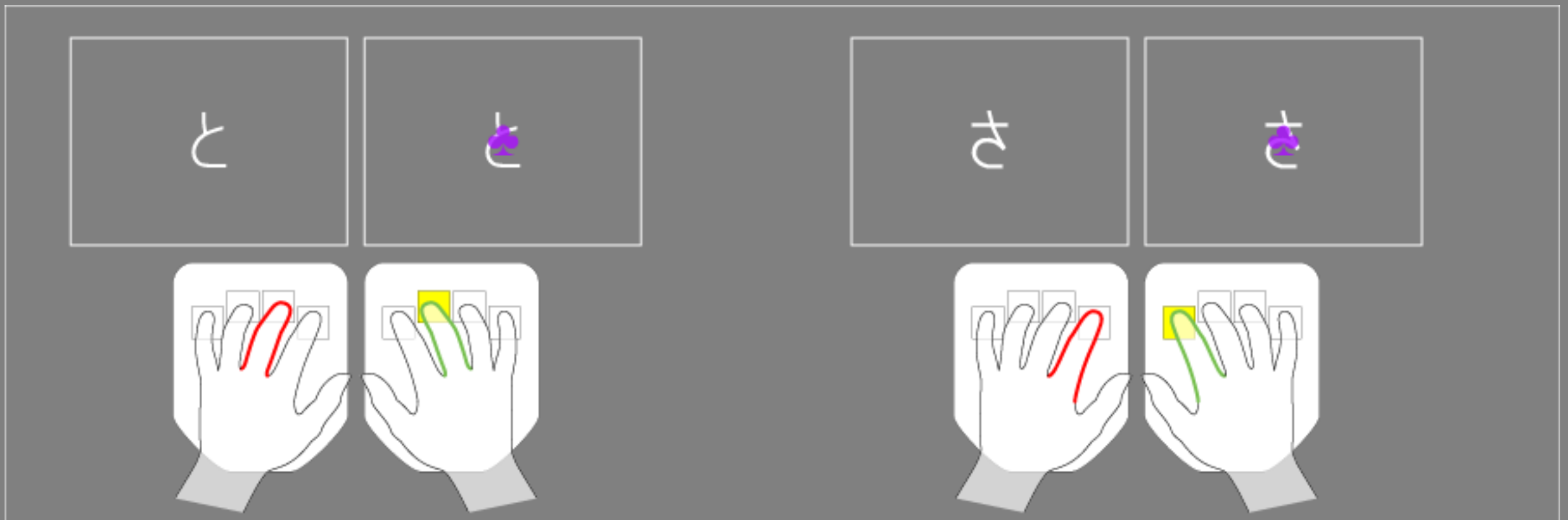
Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In another version of the task, called STOP-LEFT/STOP-RIGHT, the instructions are:

When you see ♣ stop ONLY your left finger



Do you have any questions? If not, press a button to continue

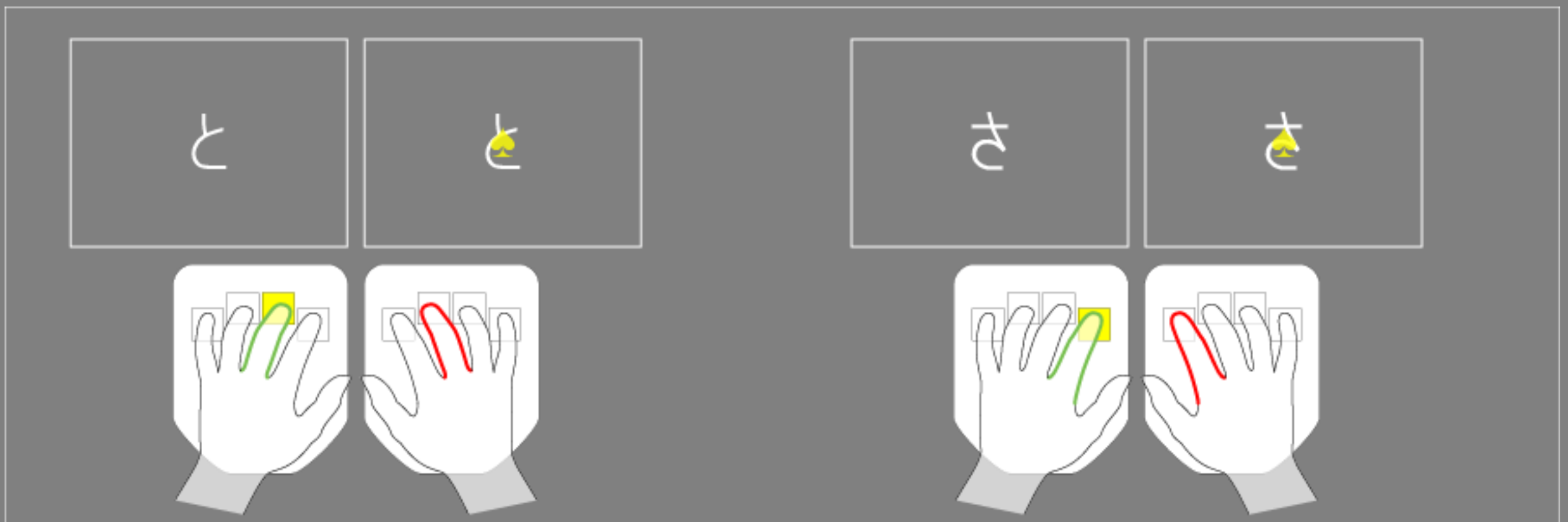
INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In another version of the task, called STOP-LEFT/STOP-RIGHT, the instructions are:

When you see ♣ stop ONLY your left finger

When you see ♠ stop ONLY your right finger



Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STAGE 2

In both blocks, the presentation of these signals is random: they will not occur in a predictable order. You may not always be able to change your response to the signal. That is ok. It is very important that you **do not wait for the signal** to appear.

Do you have any questions? If not, press a button to continue

PRACTICE - STAGE 2 - INSTRUCTIONS

You will practice the task again shortly. Now, the Japanese characters will occasionally be followed by a signal.

At the end of a practice round, you will receive **feedback** on your performance. You will be evaluated on accuracy, speed, and synchrony of your responses. **You will also be evaluated on accuracy of your response to the signals** (see example below).

middle finger	accuracy: 97% correct	Well done!
index finger	accuracy: 90% correct	Well done!
middle finger	speed: 488 ms	Well done!
index finger	speed: 521 ms	Well done!
middle finger	synchrony: 13 ms difference	Well done!
index finger	synchrony: 12 ms difference	Well done!
stop both	accuracy: 0% correct	Remember to stop left & right when you see ♥
ignore	accuracy: 85% correct	Well done!

In the event that your performance does not meet all preset requirements, the right column of the feedback provides specific instructions on how you should try to improve performance. You will have to repeat a practice stage until all requirements are met. If you have not met all requirements after four repetitions, we will have to terminate the experiment.

Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STOP-BOTH/IGNORE

You will practice the STOP-BOTH/IGNORE version of the task for about 4 minutes. The Japanese characters will occasionally be followed by one of the following signals: ♥ or ♦

Your main task is to respond to Japanese characters that appear on the screen.

- When you see と, press the two upper buttons with your left and right middle fingers
- When you see っ, press the two lower buttons with your left and right index fingers

Occasionally, these Japanese characters will be followed by a signal (playing card symbol):

- When you see ♥ stop BOTH your left and right finger
- When you see ♦ ignore it and do NOT stop your left and right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - PRACTICE - STOP-LEFT/STOP-RIGHT

You will practice the STOP-LEFT/STOP-RIGHT version of the task for about 4 minutes. The Japanese characters will occasionally be followed by one of the following signals: ♣ or ♠

Your main task is to respond to Japanese characters that appear on the screen.

- When you see と, press the two upper buttons with your left and right middle fingers
- When you see っ, press the two lower buttons with your left and right index fingers

Occasionally, these Japanese characters will be followed by a signal (playing card symbol):

- When you see ♣ stop ONLY your left finger
- When you see ♠ stop ONLY your right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - EXPERIMENT

You will perform 12 blocks of the task, each lasting approximately 4 minutes. You will perform 6 STOP-BOTH/IGNORE blocks and 6 STOP-LEFT/STOP-RIGHT blocks, in alternating order. At the beginning of each block, you will be reminded of the task instructions. At the end of each block you will receive feedback and you can take a short break.

Press a button to start the experiment

STOP-BOTH/IGNORE BLOCK

- When you see と, press the two upper buttons with your left and right middle fingers
- When you see ㇏, press the two lower buttons with your left and right index fingers
- When you see ♥ stop BOTH your left and right finger
- When you see ♦ ignore it and do NOT stop your left and right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Press a button to start the next block

STOP-LEFT/STOP-RIGHT BLOCK

- When you see と, press the two upper buttons with your left and right middle fingers
- When you see ㇏, press the two lower buttons with your left and right index fingers
- When you see ♣ stop ONLY your left finger
- When you see ♠ stop ONLY your right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Press a button to start the next block

STOP TASK

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version B - session 1

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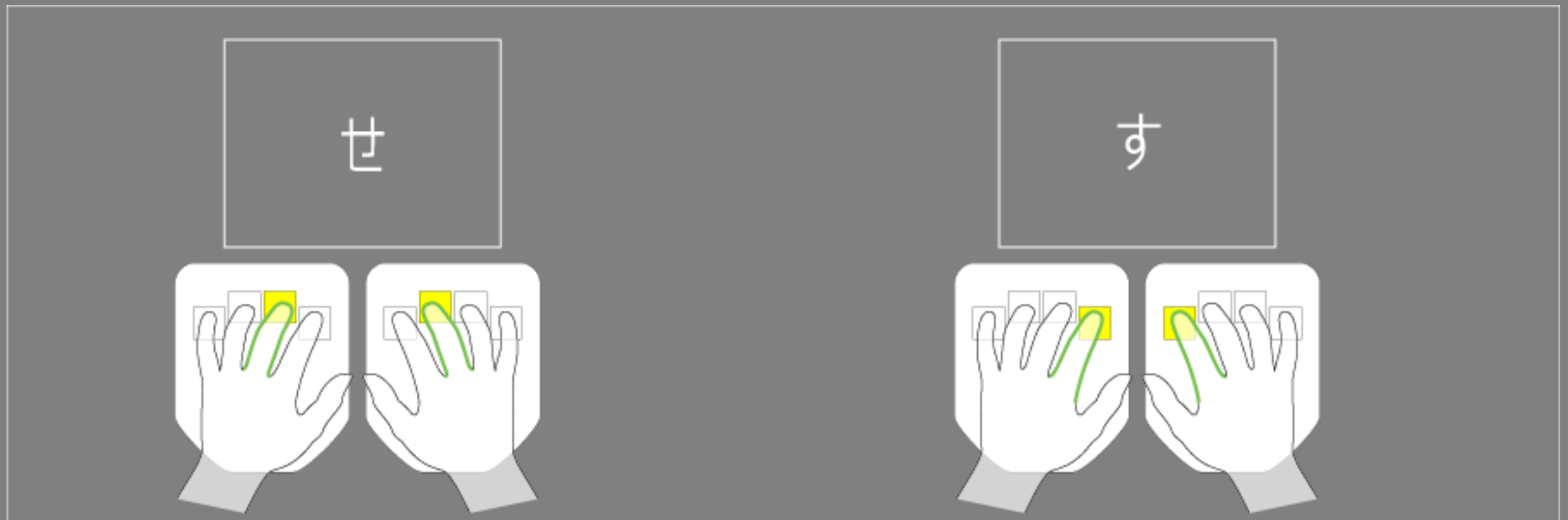
Bram Zandbelt (bramzandbelt@gmail.com)
Donders Institute, Radboud University

INSTRUCTIONS - PRACTICE - STAGE 1

Throughout the experiment, you will be presented with Japanese characters that will appear at the center of the screen. Your task is to respond to these characters as follows:

When you see ㄗ, press the two upper buttons with your left and right middle fingers

When you see ㄱ, press the two lower buttons with your left and right index fingers



It is important that you respond as accurate, fast, and synchronous as possible.

Before the character appears, you will see a + for a short duration. Do not respond to this. After the character disappears, you will see feedback (for example: 'correct').

Do you have any questions? If not, press a button to continue.

INSTRUCTIONS - PRACTICE - STAGE 1

You will practice the task shortly. At the end of a practice round, you will receive feedback on your performance. An example screen is shown below. You will be evaluated on accuracy, speed, and synchrony of your responses.

middle finger	accuracy: 100% correct	Well done!
index finger	accuracy: 96% correct	Well done!
middle finger	speed: 522 ms	Well done!
index finger	speed: 549 ms	Well done!
middle finger	synchrony: 117 ms difference	Remember to make synchronous responses
index finger	synchrony: 124 ms difference	Remember to make synchronous responses

In the event that your performance does not meet all preset requirements, the right column of the feedback provides specific instructions on how you should try to improve performance.

If you have not met all requirements, you will have to repeat a practice stage. If you have not met all requirements after four repetitions, we will have to terminate the experiment.

Once you have met all requirements, try to maintain performance throughout the experiment.

Do you have any questions? If not, press a button to continue.

INSTRUCTIONS - PRACTICE - STAGE 1

You will practice the task for about 2 minutes.

Your main task is to respond to Japanese characters that appear on the screen.

- When you see 𑖞, press the two upper buttons with your left and right middle fingers
- When you see 𑖟, press the two lower buttons with your left and right index fingers

Remember:

- You should respond as accurate, fast, and synchronous as possible

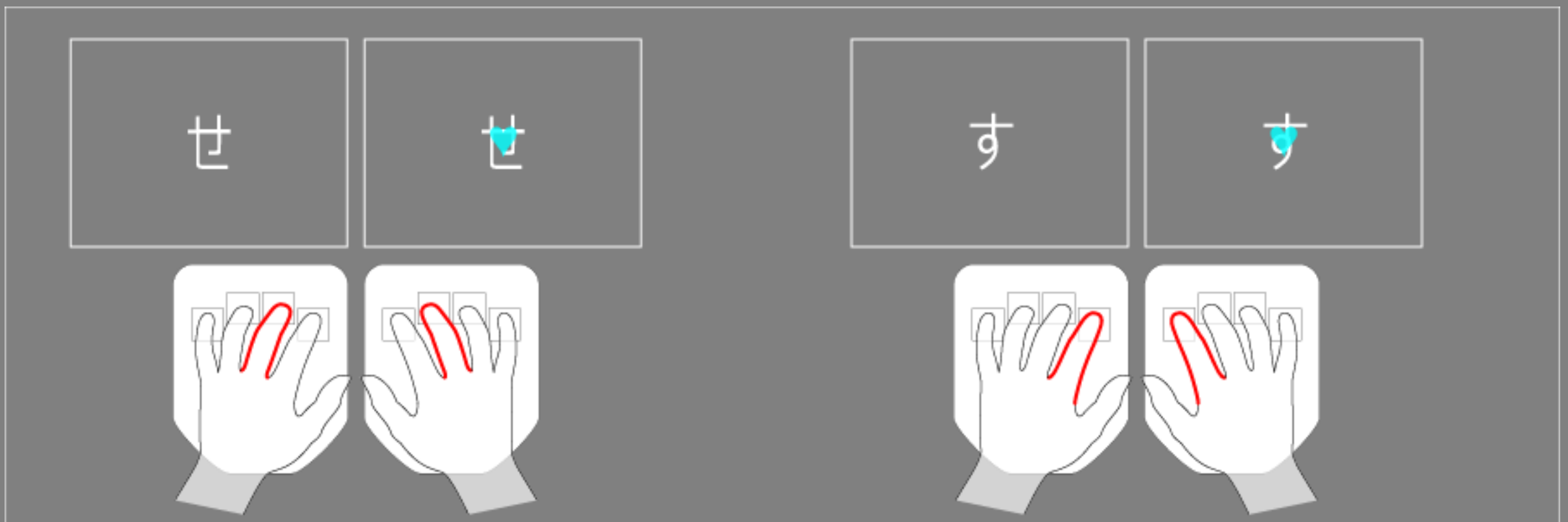
Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In one version of the task, called STOP-BOTH/IGNORE, the instructions are as follows:

When you see ♥ stop BOTH your left and right finger



Do you have any questions? If not, press a button to continue

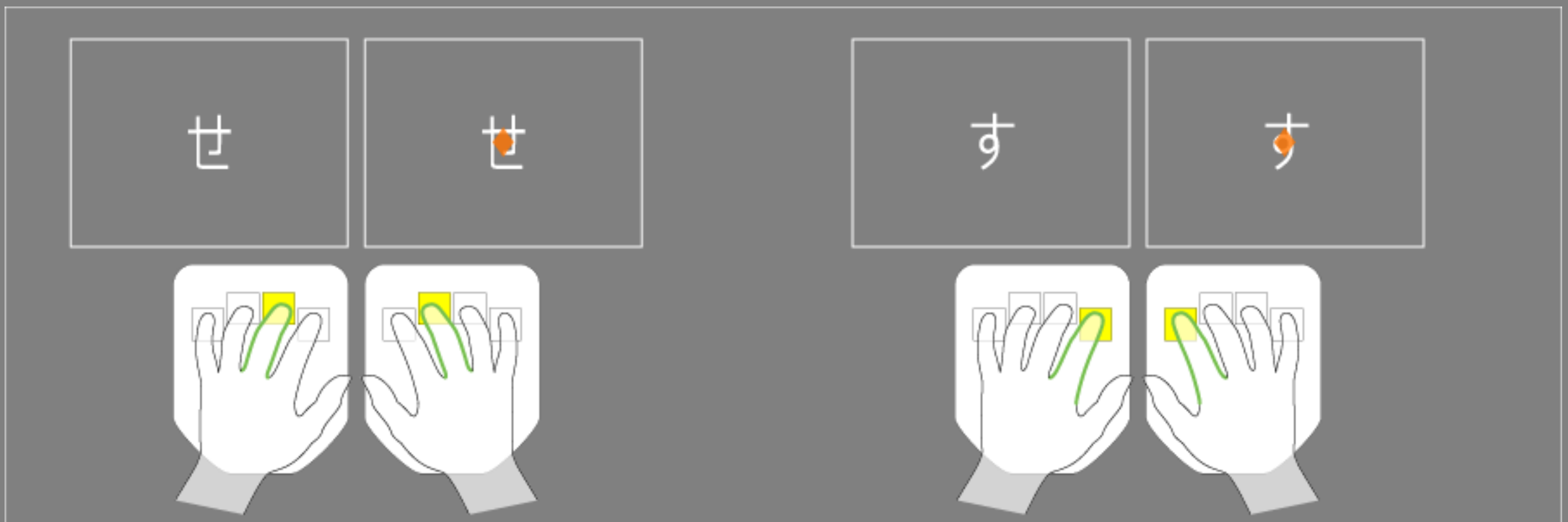
INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In one version of the task, called STOP-BOTH/IGNORE, the instructions are as follows:

When you see ♥ stop BOTH your left and right finger

When you see ♦ ignore it and do *NOT* stop your left and right finger



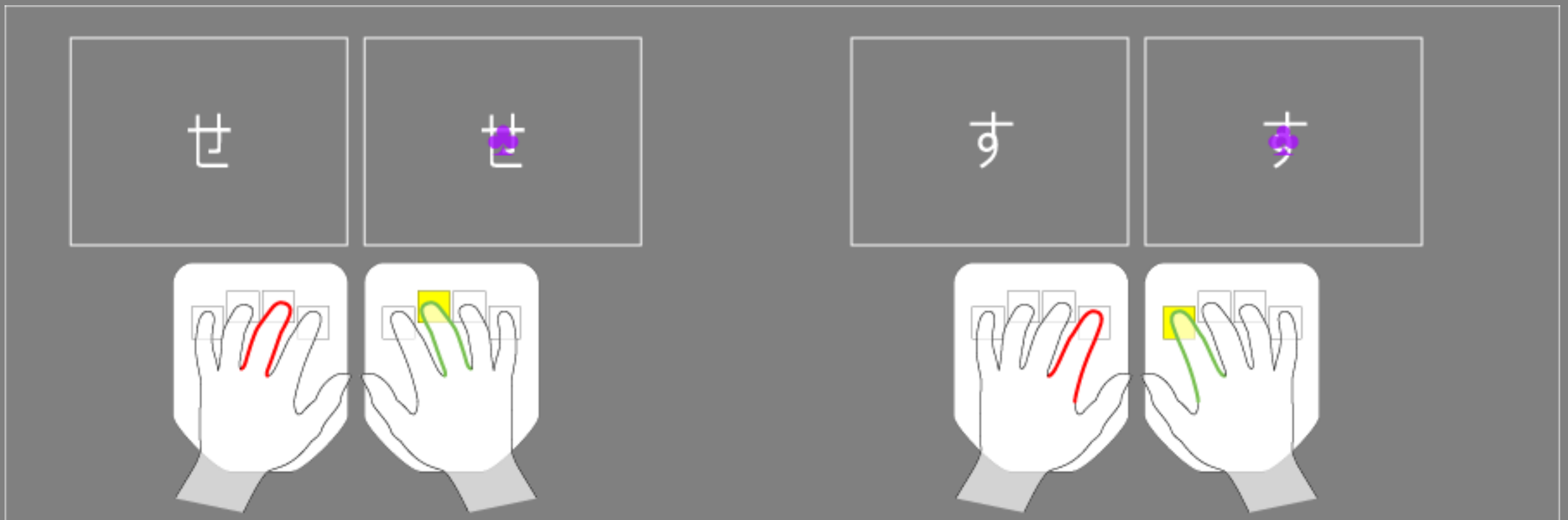
Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In another version of the task, called STOP-LEFT/STOP-RIGHT, the instructions are:

When you see ♣ stop ONLY your left finger



Do you have any questions? If not, press a button to continue

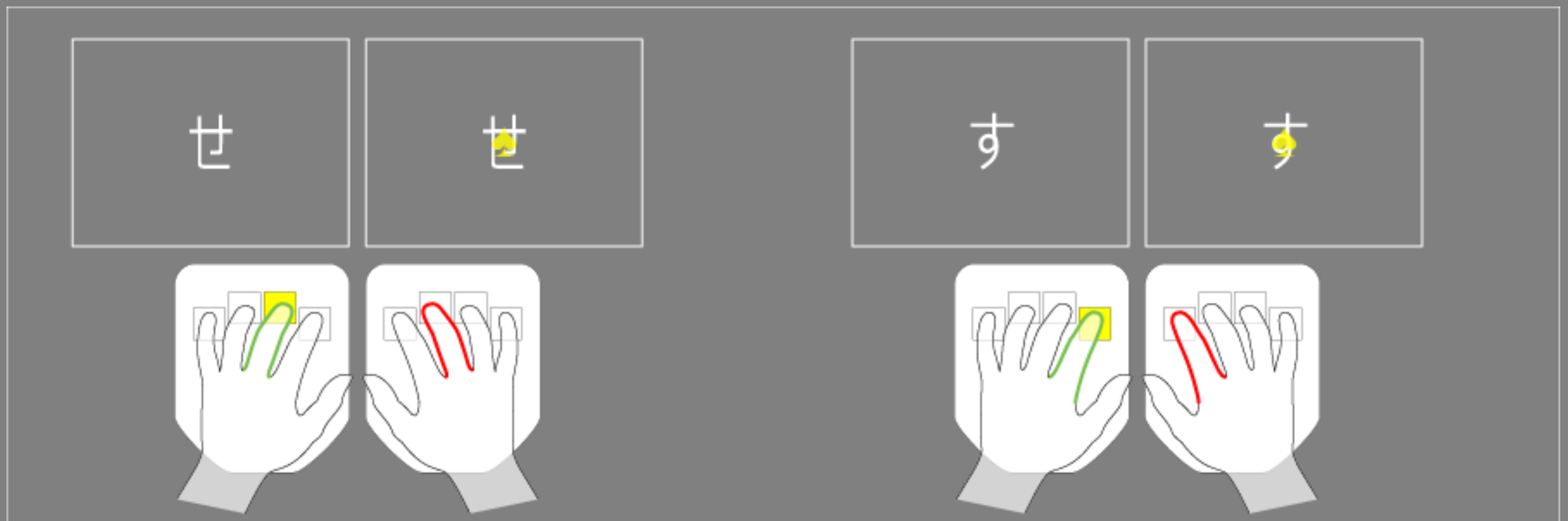
INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In another version of the task, called STOP-LEFT/STOP-RIGHT, the instructions are:

When you see ♣ stop ONLY your left finger

When you see ♠ stop ONLY your right finger



Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STAGE 2

In both blocks, the presentation of these signals is random: they will not occur in a predictable order. You may not always be able to change your response to the signal. That is ok. It is very important that you **do not wait for the signal** to appear.

Do you have any questions? If not, press a button to continue

PRACTICE - STAGE 2 - INSTRUCTIONS

You will practice the task again shortly. Now, the Japanese characters will occasionally be followed by a signal.

At the end of a practice round, you will receive **feedback** on your performance. You will be evaluated on accuracy, speed, and synchrony of your responses. **You will also be evaluated on accuracy of your response to the signals** (see example below).

middle finger	accuracy: 97% correct	Well done!
index finger	accuracy: 90% correct	Well done!
middle finger	speed: 488 ms	Well done!
index finger	speed: 521 ms	Well done!
middle finger	synchrony: 13 ms difference	Well done!
index finger	synchrony: 12 ms difference	Well done!
stop both	accuracy: 0% correct	Remember to stop left & right when you see ♥
ignore	accuracy: 85% correct	Well done!

In the event that your performance does not meet all preset requirements, the right column of the feedback provides specific instructions on how you should try to improve performance. You will have to repeat a practice stage until all requirements are met. If you have not met all requirements after four repetitions, we will have to terminate the experiment.

Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STOP-BOTH/IGNORE

You will practice the STOP-BOTH/IGNORE version of the task for about 4 minutes. The Japanese characters will occasionally be followed by one of the following signals: ♥ or ♦

Your main task is to respond to Japanese characters that appear on the screen.

- When you see ㇰ, press the two upper buttons with your left and right middle fingers
- When you see ㇱ, press the two lower buttons with your left and right index fingers

Occasionally, these Japanese characters will be followed by a signal (playing card symbol):

- When you see ♥ stop BOTH your left and right finger
- When you see ♦ ignore it and do NOT stop your left and right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - PRACTICE - STOP-LEFT/STOP-RIGHT

You will practice the STOP-LEFT/STOP-RIGHT version of the task for about 4 minutes. The Japanese characters will occasionally be followed by one of the following signals: ♣ or ♠

Your main task is to respond to Japanese characters that appear on the screen.

- When you see ㇏, press the two upper buttons with your left and right middle fingers
- When you see ㇏, press the two lower buttons with your left and right index fingers

Occasionally, these Japanese characters will be followed by a signal (playing card symbol):

- When you see ♣ stop ONLY your left finger
- When you see ♠ stop ONLY your right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - EXPERIMENT

You will perform 12 blocks of the task, each lasting approximately 4 minutes. You will perform 6 STOP-BOTH/IGNORE blocks and 6 STOP-LEFT/STOP-RIGHT blocks, in alternating order. At the beginning of each block, you will be reminded of the task instructions. At the end of each block you will receive feedback and you can take a short break.

Press a button to start the experiment

STOP-BOTH/IGNORE BLOCK

- When you see 卐, press the two upper buttons with your left and right middle fingers
- When you see 卐, press the two lower buttons with your left and right index fingers
- When you see ♥ stop BOTH your left and right finger
- When you see ♦ ignore it and do NOT stop your left and right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Press a button to start the next block

STOP-LEFT/STOP-RIGHT BLOCK

- When you see 卐, press the two upper buttons with your left and right middle fingers
- When you see 卐, press the two lower buttons with your left and right index fingers
- When you see ♣ stop ONLY your left finger
- When you see ♠ stop ONLY your right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Press a button to start the next block

STOP TASK

3017031-05-Expt01
version B - session 2

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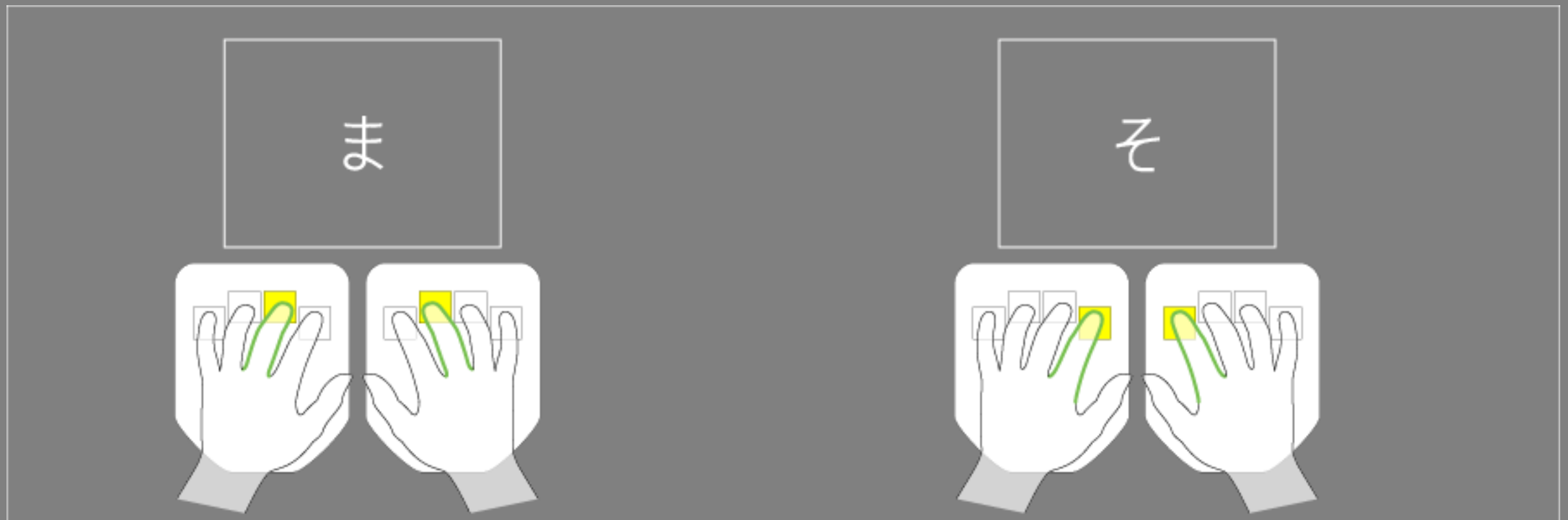
Bram Zandbelt (bramzandbelt@gmail.com)
Donders Institute, Radboud University

INSTRUCTIONS - PRACTICE - STAGE 1

Throughout the experiment, you will be presented with Japanese characters that will appear at the center of the screen. Your task is to respond to these characters as follows:

When you see ま, press the two upper buttons with your left and right middle fingers

When you see そ, press the two lower buttons with your left and right index fingers



It is important that you respond as accurate, fast, and synchronous as possible.

Before the character appears, you will see a + for a short duration. Do not respond to this. After the character disappears, you will see feedback (for example: 'correct').

Do you have any questions? If not, press a button to continue.

INSTRUCTIONS - PRACTICE - STAGE 1

You will practice the task shortly. At the end of a practice round, you will receive feedback on your performance. An example screen is shown below. You will be evaluated on accuracy, speed, and synchrony of your responses.

middle finger	accuracy: 100% correct	Well done!
index finger	accuracy: 96% correct	Well done!
middle finger	speed: 522 ms	Well done!
index finger	speed: 549 ms	Well done!
middle finger	synchrony: 117 ms difference	Remember to make synchronous responses
index finger	synchrony: 124 ms difference	Remember to make synchronous responses

In the event that your performance does not meet all preset requirements, the right column of the feedback provides specific instructions on how you should try to improve performance.

If you have not met all requirements, you will have to repeat a practice stage. If you have not met all requirements after four repetitions, we will have to terminate the experiment.

Once you have met all requirements, try to maintain performance throughout the experiment.

Do you have any questions? If not, press a button to continue.

INSTRUCTIONS - PRACTICE - STAGE 1

You will practice the task for about 2 minutes.

Your main task is to respond to Japanese characters that appear on the screen.

- When you see ㇰ, press the two upper buttons with your left and right middle fingers
- When you see ㇱ, press the two lower buttons with your left and right index fingers

Remember:

- You should respond as accurate, fast, and synchronous as possible

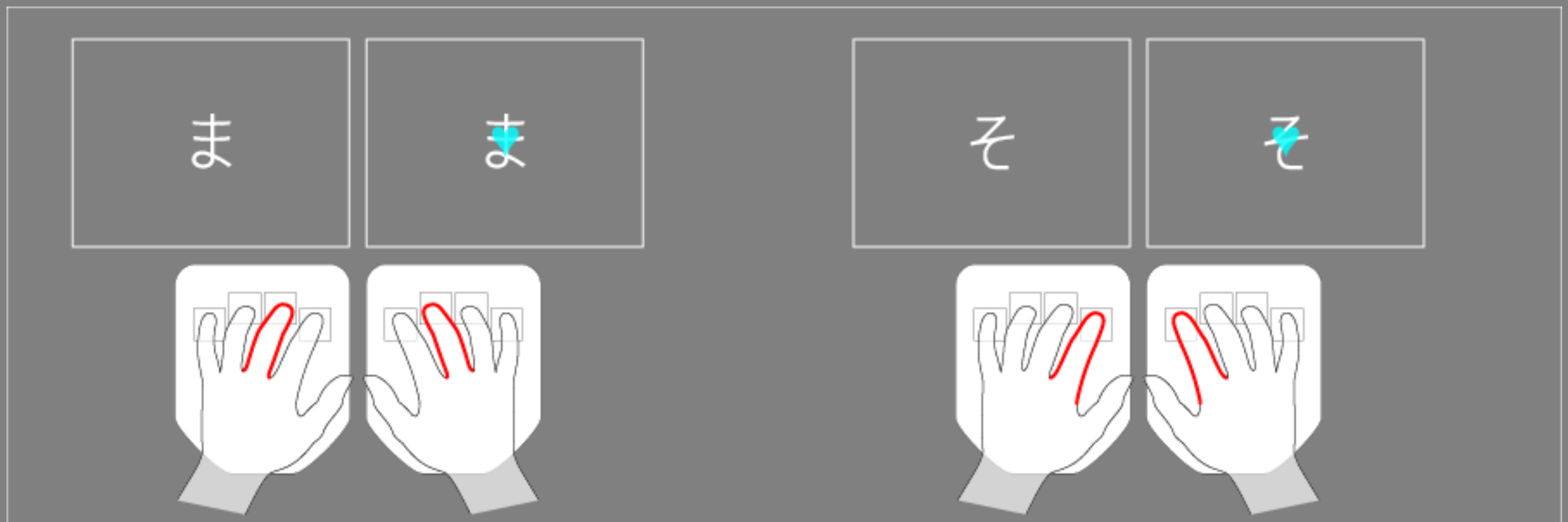
Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In one version of the task, called STOP-BOTH/IGNORE, the instructions are as follows:

When you see ♥ stop BOTH your left and right finger



Do you have any questions? If not, press a button to continue

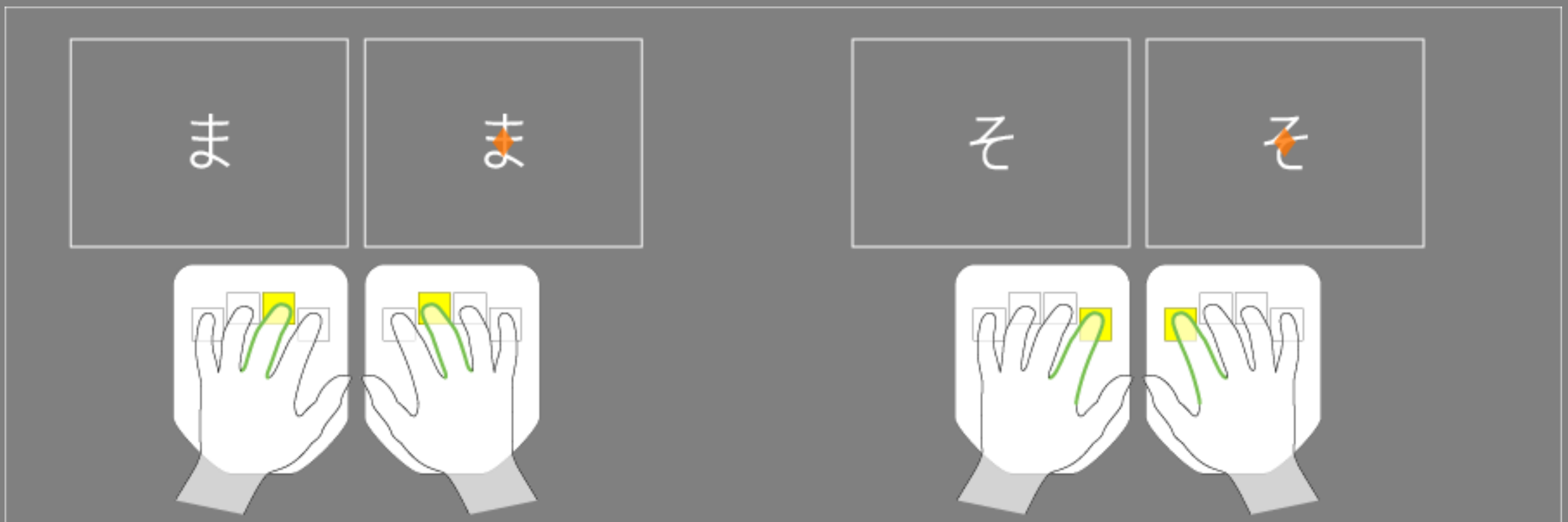
INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In one version of the task, called STOP-BOTH/IGNORE, the instructions are as follows:

When you see ♥ stop BOTH your left and right finger

When you see ♦ ignore it and do *NOT* stop your left and right finger



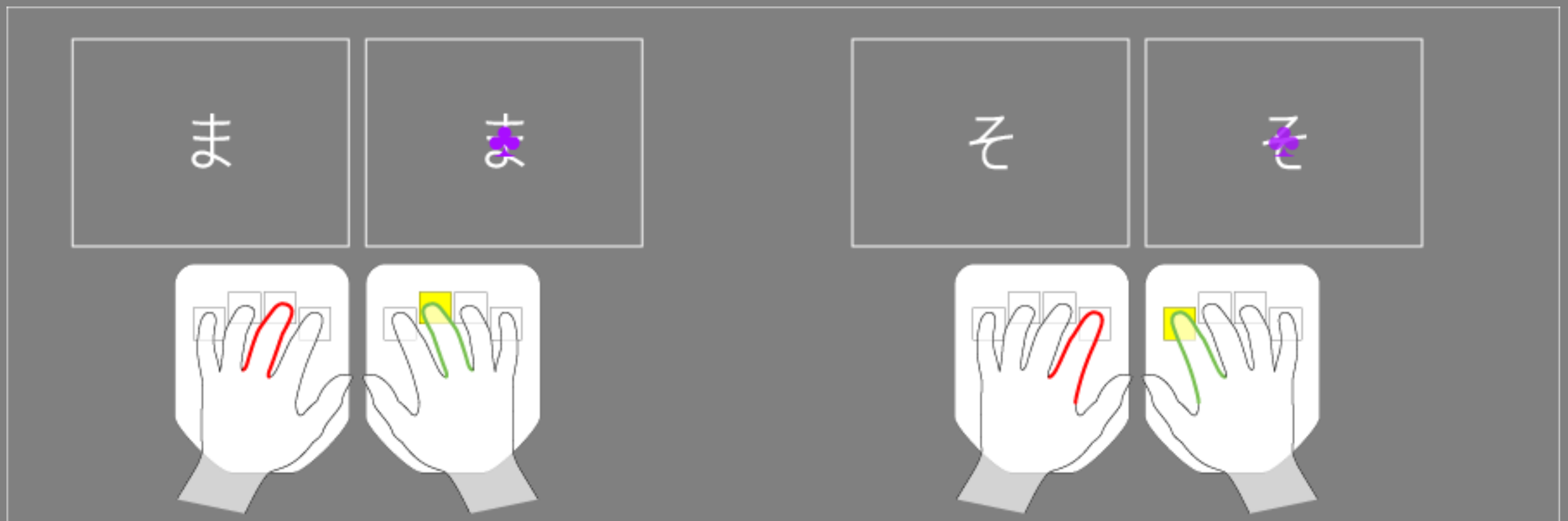
Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In another version of the task, called STOP-LEFT/STOP-RIGHT, the instructions are:

When you see ♣ stop ONLY your left finger



Do you have any questions? If not, press a button to continue

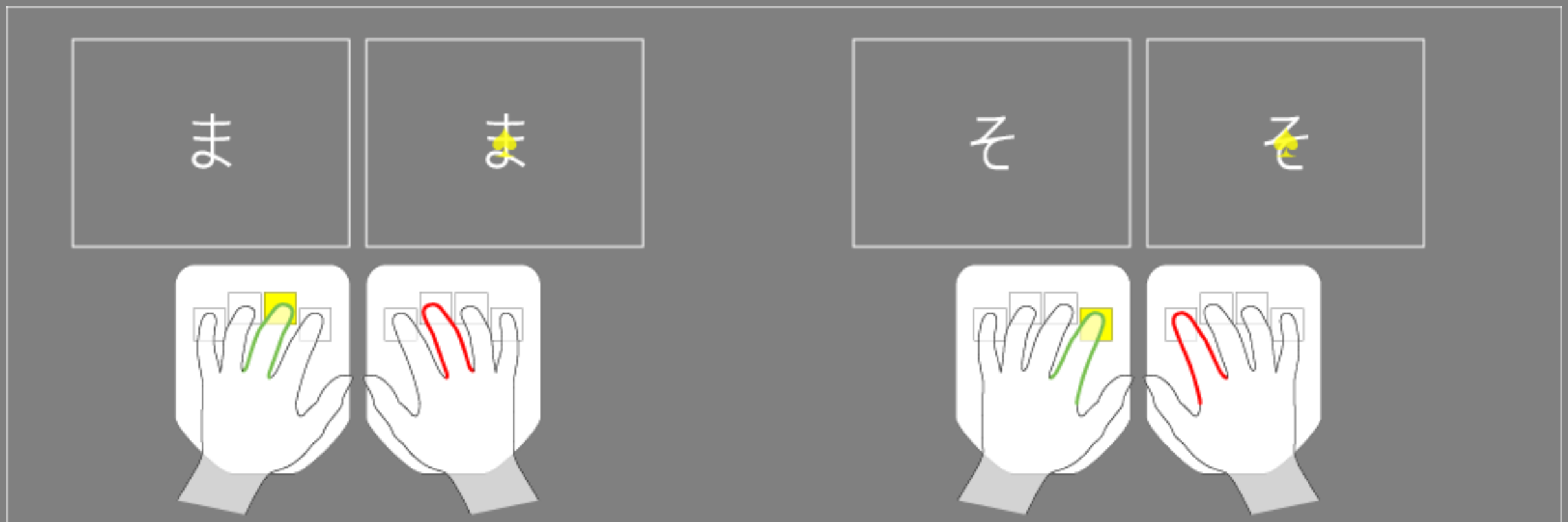
INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In another version of the task, called STOP-LEFT/STOP-RIGHT, the instructions are:

When you see ♣ stop ONLY your left finger

When you see ♠ stop ONLY your right finger



Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STAGE 2

In both blocks, the presentation of these signals is random: they will not occur in a predictable order. You may not always be able to change your response to the signal. That is ok. It is very important that you **do not wait for the signal** to appear.

Do you have any questions? If not, press a button to continue

PRACTICE - STAGE 2 - INSTRUCTIONS

You will practice the task again shortly. Now, the Japanese characters will occasionally be followed by a signal.

At the end of a practice round, you will receive **feedback** on your performance. You will be evaluated on accuracy, speed, and synchrony of your responses. **You will also be evaluated on accuracy of your response to the signals** (see example below).

middle finger	accuracy: 97% correct	Well done!
index finger	accuracy: 90% correct	Well done!
middle finger	speed: 488 ms	Well done!
index finger	speed: 521 ms	Well done!
middle finger	synchrony: 13 ms difference	Well done!
index finger	synchrony: 12 ms difference	Well done!
stop both	accuracy: 0% correct	Remember to stop left & right when you see ♥
ignore	accuracy: 85% correct	Well done!

In the event that your performance does not meet all preset requirements, the right column of the feedback provides specific instructions on how you should try to improve performance. You will have to repeat a practice stage until all requirements are met. If you have not met all requirements after four repetitions, we will have to terminate the experiment.

Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STOP-BOTH/IGNORE

You will practice the STOP-BOTH/IGNORE version of the task for about 4 minutes. The Japanese characters will occasionally be followed by one of the following signals: ♥ or ♦

Your main task is to respond to Japanese characters that appear on the screen.

- When you see ㇰ, press the two upper buttons with your left and right middle fingers
- When you see ㇱ, press the two lower buttons with your left and right index fingers

Occasionally, these Japanese characters will be followed by a signal (playing card symbol):

- When you see ♥ stop BOTH your left and right finger
- When you see ♦ ignore it and do NOT stop your left and right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - PRACTICE - STOP-LEFT/STOP-RIGHT

You will practice the STOP-LEFT/STOP-RIGHT version of the task for about 4 minutes. The Japanese characters will occasionally be followed by one of the following signals: ♣ or ♠

Your main task is to respond to Japanese characters that appear on the screen.

- When you see ㍻, press the two upper buttons with your left and right middle fingers
- When you see ㍺, press the two lower buttons with your left and right index fingers

Occasionally, these Japanese characters will be followed by a signal (playing card symbol):

- When you see ♣ stop ONLY your left finger
- When you see ♠ stop ONLY your right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - EXPERIMENT

You will perform 12 blocks of the task, each lasting approximately 4 minutes. You will perform 6 STOP-BOTH/IGNORE blocks and 6 STOP-LEFT/STOP-RIGHT blocks, in alternating order. At the beginning of each block, you will be reminded of the task instructions. At the end of each block you will receive feedback and you can take a short break.

Press a button to start the experiment

STOP-BOTH/IGNORE BLOCK

- When you see ㍿, press the two upper buttons with your left and right middle fingers
- When you see ㍺, press the two lower buttons with your left and right index fingers
- When you see ♥ stop BOTH your left and right finger
- When you see ♦ ignore it and do NOT stop your left and right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Press a button to start the next block

STOP-LEFT/STOP-RIGHT BLOCK

- When you see ㍿, press the two upper buttons with your left and right middle fingers
- When you see ㍺, press the two lower buttons with your left and right index fingers
- When you see ♣ stop ONLY your left finger
- When you see ♠ stop ONLY your right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Press a button to start the next block

STOP TASK

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version B - session 3

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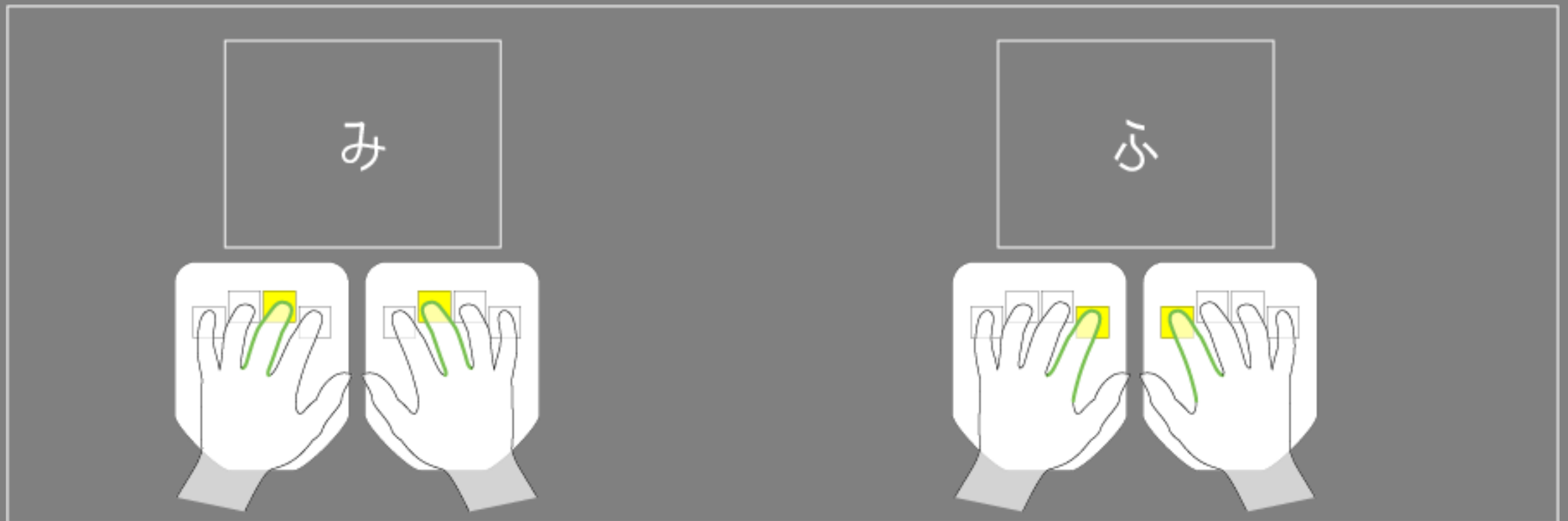
Bram Zandbelt (bramzandbelt@gmail.com)
Donders Institute, Radboud University

INSTRUCTIONS - PRACTICE - STAGE 1

Throughout the experiment, you will be presented with Japanese characters that will appear at the center of the screen. Your task is to respond to these characters as follows:

When you see み, press the two upper buttons with your left and right middle fingers

When you see ふ, press the two lower buttons with your left and right index fingers



It is important that you respond as accurate, fast, and synchronous as possible.

Before the character appears, you will see a + for a short duration. Do not respond to this. After the character disappears, you will see feedback (for example: 'correct').

Do you have any questions? If not, press a button to continue.

INSTRUCTIONS - PRACTICE - STAGE 1

You will practice the task shortly. At the end of a practice round, you will receive feedback on your performance. An example screen is shown below. You will be evaluated on accuracy, speed, and synchrony of your responses.

middle finger	accuracy: 100% correct	Well done!
index finger	accuracy: 96% correct	Well done!
middle finger	speed: 522 ms	Well done!
index finger	speed: 549 ms	Well done!
middle finger	synchrony: 117 ms difference	Remember to make synchronous responses
index finger	synchrony: 124 ms difference	Remember to make synchronous responses

In the event that your performance does not meet all preset requirements, the right column of the feedback provides specific instructions on how you should try to improve performance.

If you have not met all requirements, you will have to repeat a practice stage. If you have not met all requirements after four repetitions, we will have to terminate the experiment.

Once you have met all requirements, try to maintain performance throughout the experiment.

Do you have any questions? If not, press a button to continue.

INSTRUCTIONS - PRACTICE - STAGE 1

You will practice the task for about 2 minutes.

Your main task is to respond to Japanese characters that appear on the screen.

- When you see み, press the two upper buttons with your left and right middle fingers
- When you see ふ, press the two lower buttons with your left and right index fingers

Remember:

- You should respond as accurate, fast, and synchronous as possible

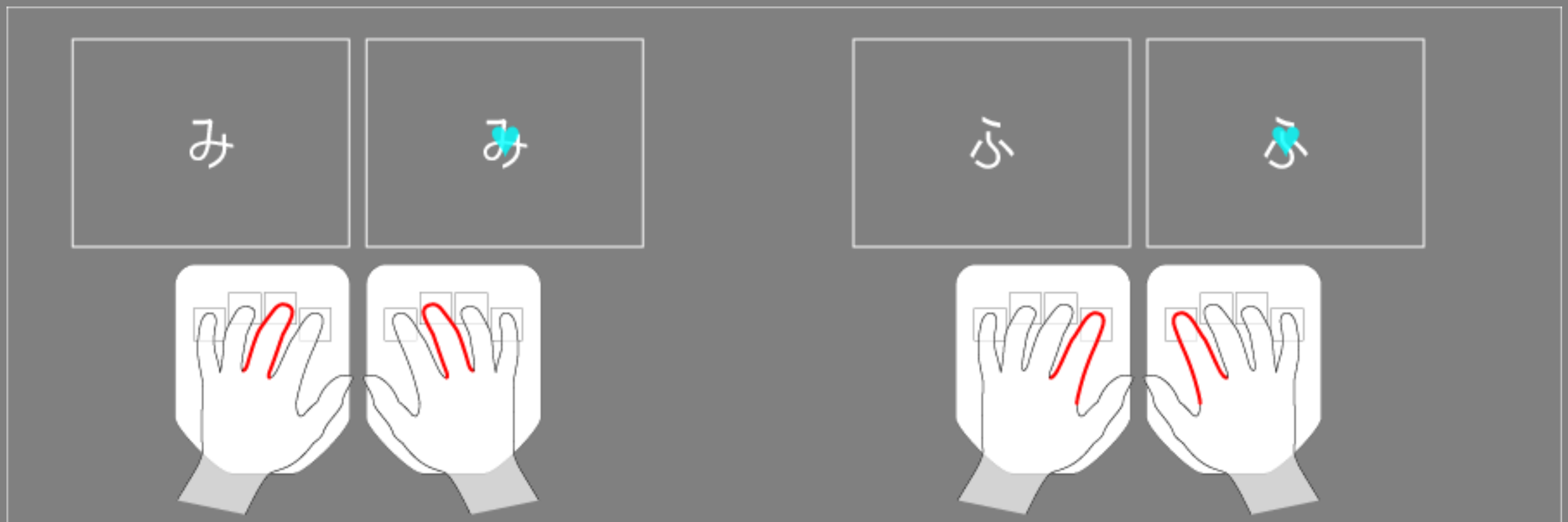
Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In one version of the task, called STOP-BOTH/IGNORE, the instructions are as follows:

When you see ♥ stop BOTH your left and right finger



Do you have any questions? If not, press a button to continue

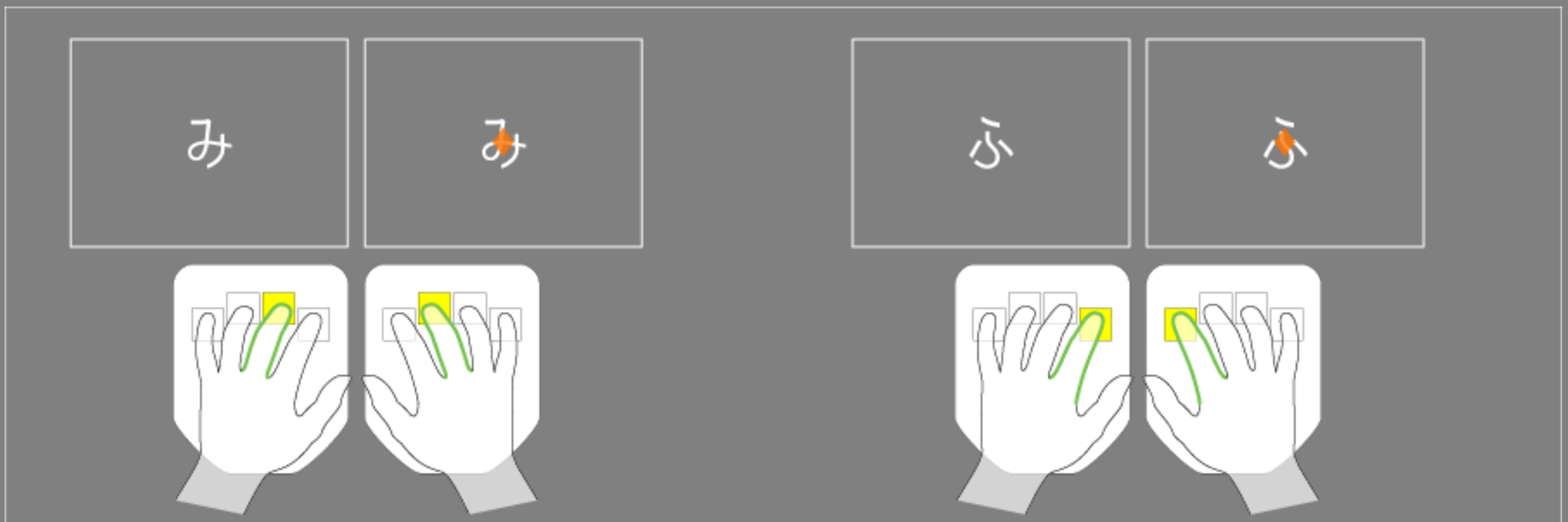
INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In one version of the task, called STOP-BOTH/IGNORE, the instructions are as follows:

When you see ♥ stop BOTH your left and right finger

When you see ♦ ignore it and do *NOT* stop your left and right finger



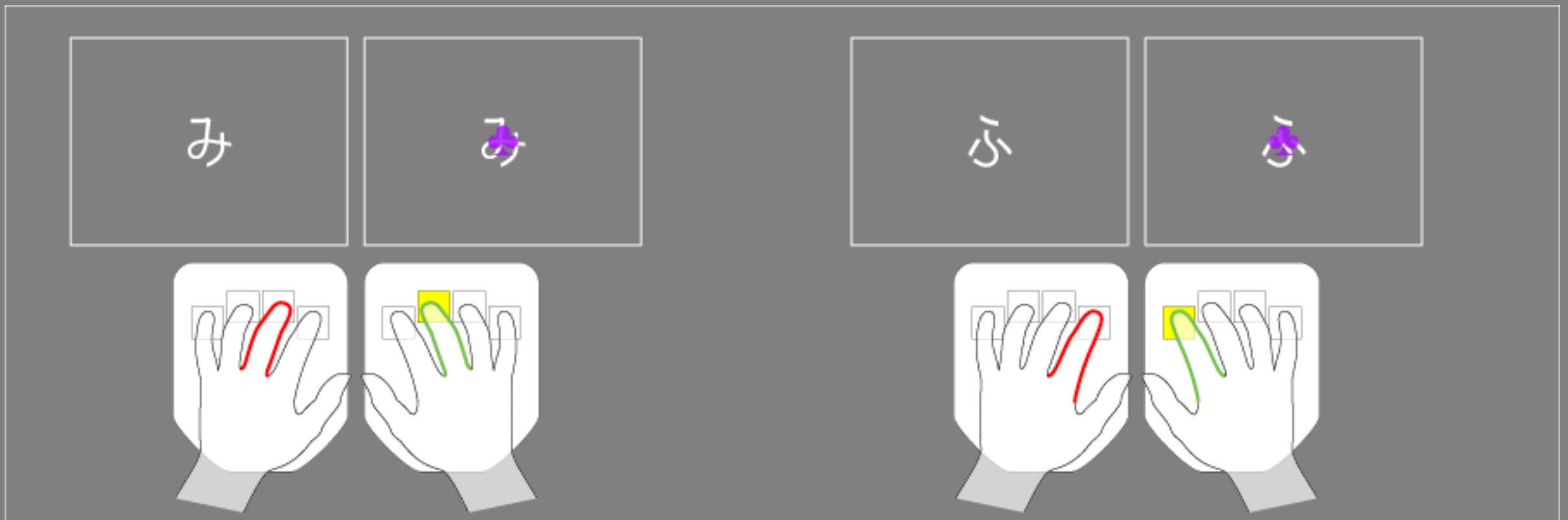
Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In another version of the task, called STOP-LEFT/STOP-RIGHT, the instructions are:

When you see ♣ stop ONLY your left finger



Do you have any questions? If not, press a button to continue

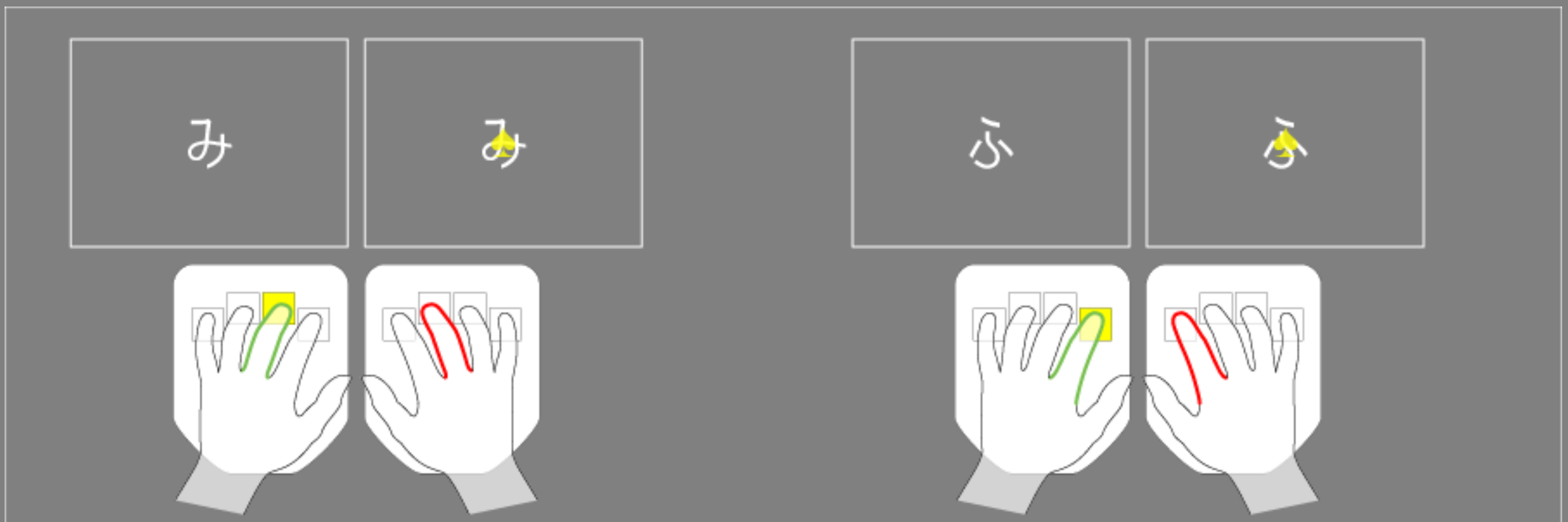
INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In another version of the task, called STOP-LEFT/STOP-RIGHT, the instructions are:

When you see ♣ stop ONLY your left finger

When you see ♠ stop ONLY your right finger



Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STAGE 2

In both blocks, the presentation of these signals is random: they will not occur in a predictable order. You may not always be able to change your response to the signal. That is ok. It is very important that you **do not wait for the signal** to appear.

Do you have any questions? If not, press a button to continue

PRACTICE - STAGE 2 - INSTRUCTIONS

You will practice the task again shortly. Now, the Japanese characters will occasionally be followed by a signal.

At the end of a practice round, you will receive **feedback** on your performance. You will be evaluated on accuracy, speed, and synchrony of your responses. **You will also be evaluated on accuracy of your response to the signals** (see example below).

middle finger	accuracy: 97% correct	Well done!
index finger	accuracy: 90% correct	Well done!
middle finger	speed: 488 ms	Well done!
index finger	speed: 521 ms	Well done!
middle finger	synchrony: 13 ms difference	Well done!
index finger	synchrony: 12 ms difference	Well done!
stop both	accuracy: 0% correct	Remember to stop left & right when you see ♥
ignore	accuracy: 85% correct	Well done!

In the event that your performance does not meet all preset requirements, the right column of the feedback provides specific instructions on how you should try to improve performance. You will have to repeat a practice stage until all requirements are met. If you have not met all requirements after four repetitions, we will have to terminate the experiment.

Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STOP-BOTH/IGNORE

You will practice the STOP-BOTH/IGNORE version of the task for about 4 minutes. The Japanese characters will occasionally be followed by one of the following signals: ♥ or ♦

Your main task is to respond to Japanese characters that appear on the screen.

- When you see み, press the two upper buttons with your left and right middle fingers
- When you see ふ, press the two lower buttons with your left and right index fingers

Occasionally, these Japanese characters will be followed by a signal (playing card symbol):

- When you see ♥ stop BOTH your left and right finger
- When you see ♦ ignore it and do NOT stop your left and right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - PRACTICE - STOP-LEFT/STOP-RIGHT

You will practice the STOP-LEFT/STOP-RIGHT version of the task for about 4 minutes. The Japanese characters will occasionally be followed by one of the following signals: ♣ or ♠

Your main task is to respond to Japanese characters that appear on the screen.

- When you see み, press the two upper buttons with your left and right middle fingers
- When you see ふ, press the two lower buttons with your left and right index fingers

Occasionally, these Japanese characters will be followed by a signal (playing card symbol):

- When you see ♣ stop ONLY your left finger
- When you see ♠ stop ONLY your right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - EXPERIMENT

You will perform 12 blocks of the task, each lasting approximately 4 minutes. You will perform 6 STOP-BOTH/IGNORE blocks and 6 STOP-LEFT/STOP-RIGHT blocks, in alternating order. At the beginning of each block, you will be reminded of the task instructions. At the end of each block you will receive feedback and you can take a short break.

Press a button to start the experiment

STOP-BOTH/IGNORE BLOCK

- When you see み, press the two upper buttons with your left and right middle fingers
- When you see ふ, press the two lower buttons with your left and right index fingers
- When you see ♥ stop BOTH your left and right finger
- When you see ♦ ignore it and do NOT stop your left and right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Press a button to start the next block

STOP-LEFT/STOP-RIGHT BLOCK

- When you see ♪, press the two upper buttons with your left and right middle fingers
- When you see ♫, press the two lower buttons with your left and right index fingers
- When you see ♣ stop ONLY your left finger
- When you see ♠ stop ONLY your right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Press a button to start the next block

STOP TASK

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version B - session 4

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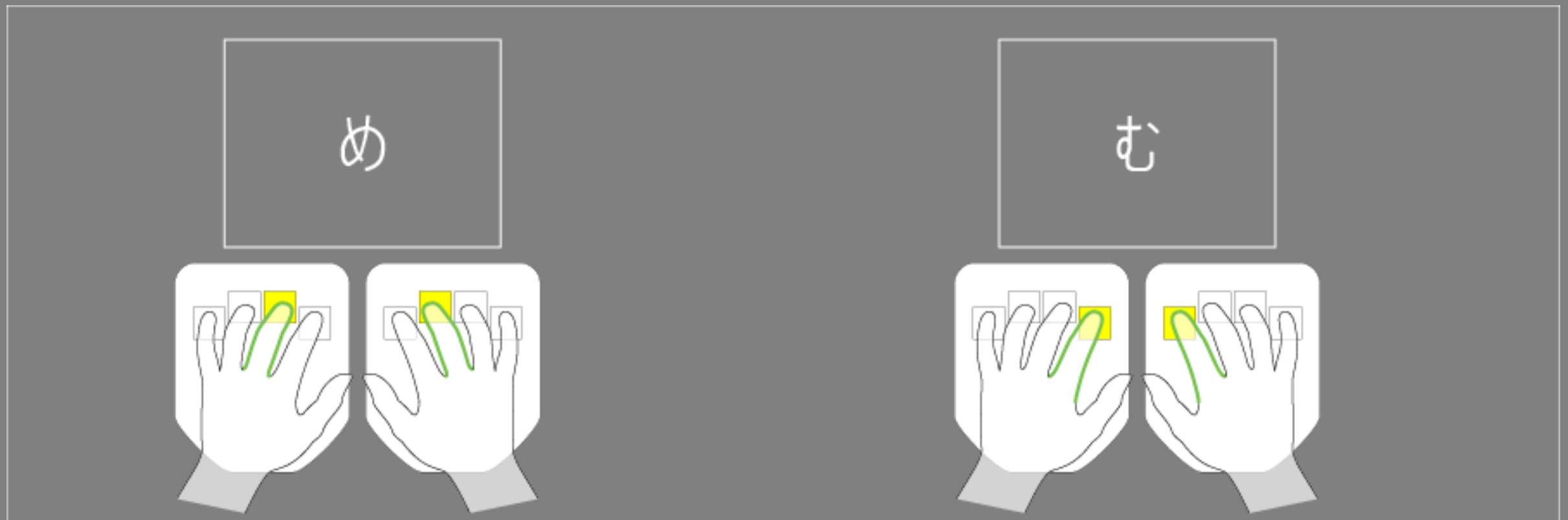
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INSTRUCTIONS - PRACTICE - STAGE 1

Throughout the experiment, you will be presented with Japanese characters that will appear at the center of the screen. Your task is to respond to these characters as follows:

When you see め, press the two upper buttons with your left and right middle fingers

When you see む, press the two lower buttons with your left and right index fingers



It is important that you respond as accurate, fast, and synchronous as possible.

Before the character appears, you will see a + for a short duration. Do not respond to this. After the character disappears, you will see feedback (for example: 'correct').

Do you have any questions? If not, press a button to continue.

INSTRUCTIONS - PRACTICE - STAGE 1

You will practice the task shortly. At the end of a practice round, you will receive feedback on your performance. An example screen is shown below. You will be evaluated on accuracy, speed, and synchrony of your responses.

middle finger	accuracy: 100% correct	Well done!
index finger	accuracy: 96% correct	Well done!
middle finger	speed: 522 ms	Well done!
index finger	speed: 549 ms	Well done!
middle finger	synchrony: 117 ms difference	Remember to make synchronous responses
index finger	synchrony: 124 ms difference	Remember to make synchronous responses

In the event that your performance does not meet all preset requirements, the right column of the feedback provides specific instructions on how you should try to improve performance.

If you have not met all requirements, you will have to repeat a practice stage. If you have not met all requirements after four repetitions, we will have to terminate the experiment.

Once you have met all requirements, try to maintain performance throughout the experiment.

Do you have any questions? If not, press a button to continue.

INSTRUCTIONS - PRACTICE - STAGE 1

You will practice the task for about 2 minutes.

Your main task is to respond to Japanese characters that appear on the screen.

- When you see み, press the two upper buttons with your left and right middle fingers
- When you see ふ, press the two lower buttons with your left and right index fingers

Remember:

- You should respond as accurate, fast, and synchronous as possible

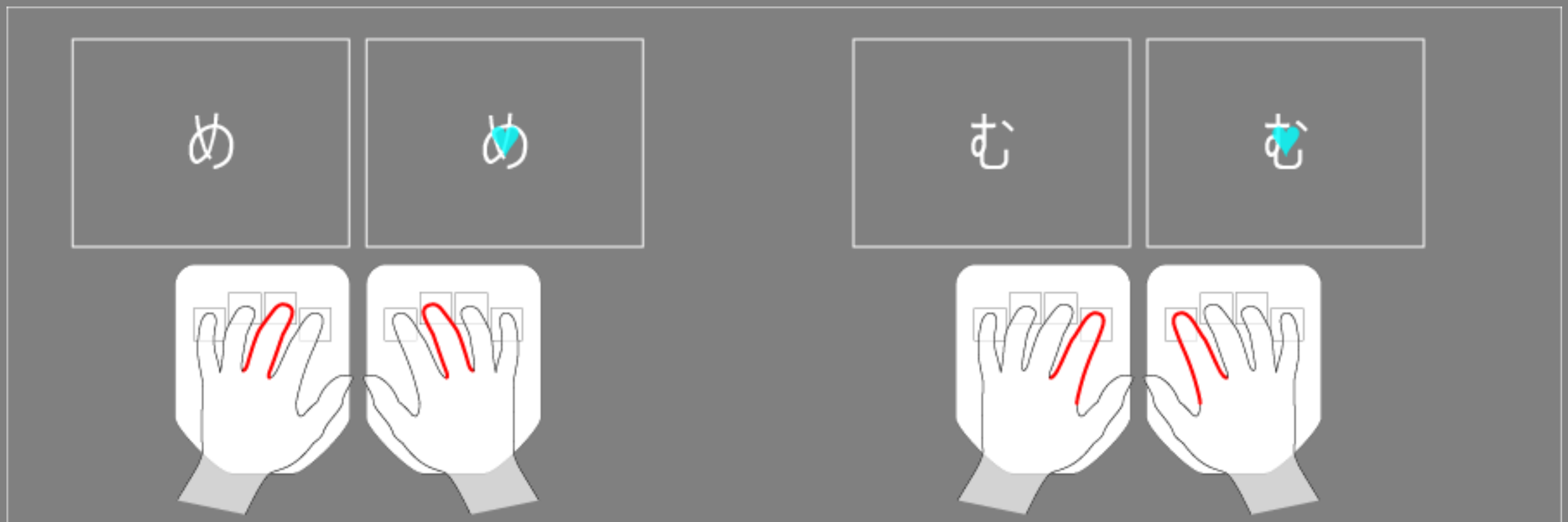
Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In one version of the task, called STOP-BOTH/IGNORE, the instructions are as follows:

When you see ♥ stop BOTH your left and right finger



Do you have any questions? If not, press a button to continue

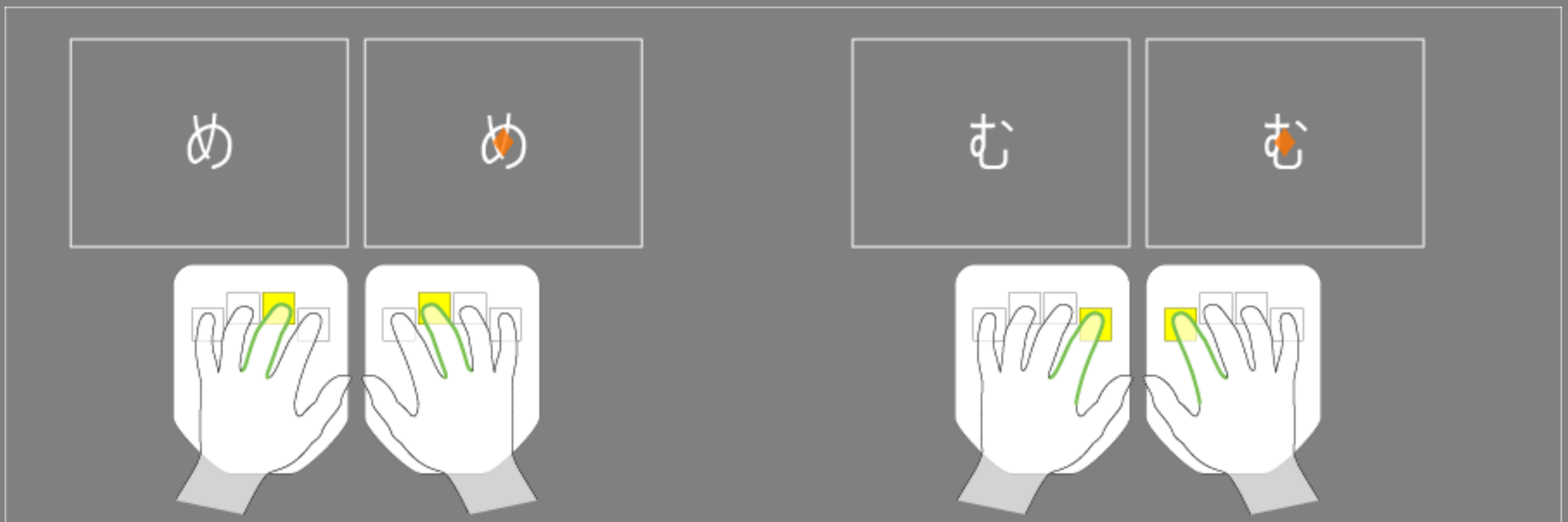
INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In one version of the task, called STOP-BOTH/IGNORE, the instructions are as follows:

When you see ♥ stop BOTH your left and right finger

When you see ♦ ignore it and do *NOT* stop your left and right finger



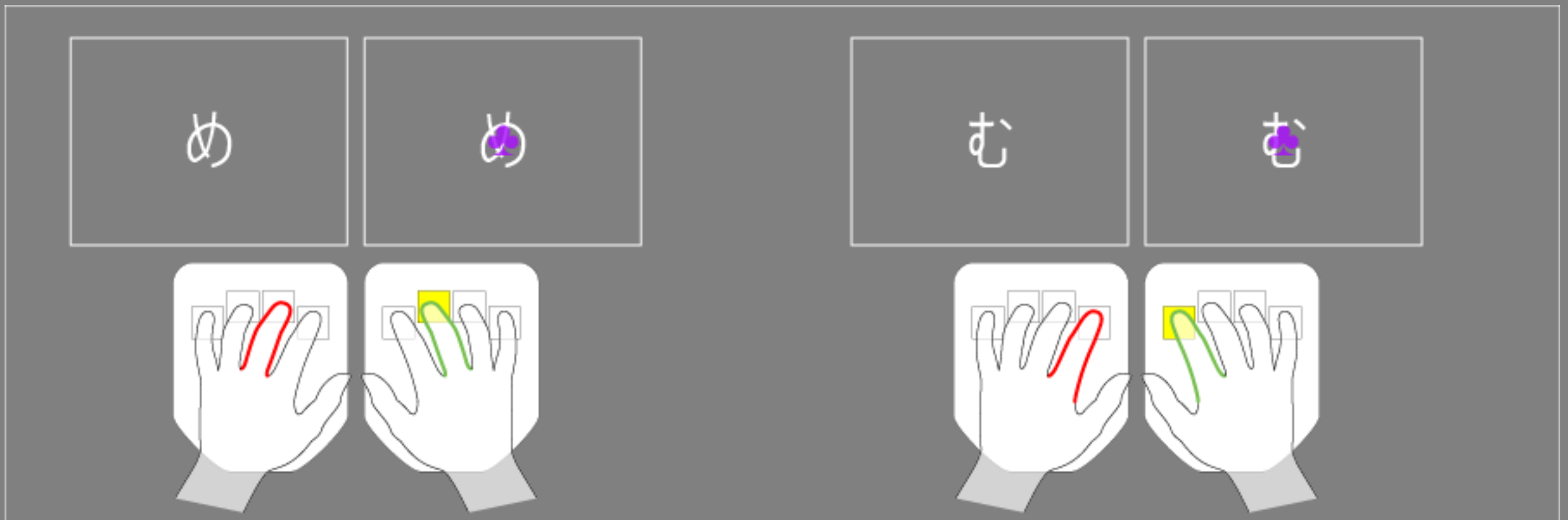
Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In another version of the task, called STOP-LEFT/STOP-RIGHT, the instructions are:

When you see ♣ stop ONLY your left finger



Do you have any questions? If not, press a button to continue

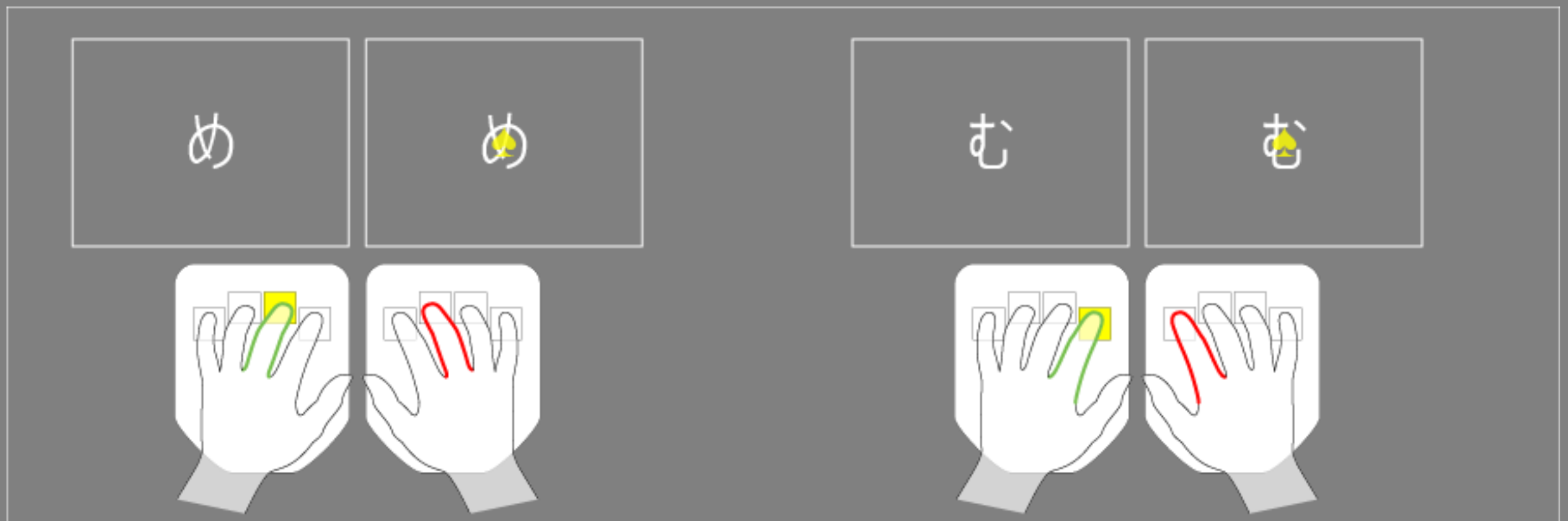
INSTRUCTIONS - PRACTICE - STAGE 2

The task will now become slightly more difficult. Occasionally, the Japanese characters will be followed by a signal (playing card symbol). This signal instructs whether or not you should change your response to the Japanese character.

In another version of the task, called STOP-LEFT/STOP-RIGHT, the instructions are:

When you see ♣ stop ONLY your left finger

When you see ♠ stop ONLY your right finger



Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STAGE 2

In both blocks, the presentation of these signals is random: they will not occur in a predictable order. You may not always be able to change your response to the signal. That is ok. It is very important that you **do not wait for the signal** to appear.

Do you have any questions? If not, press a button to continue

PRACTICE - STAGE 2 - INSTRUCTIONS

You will practice the task again shortly. Now, the Japanese characters will occasionally be followed by a signal.

At the end of a practice round, you will receive **feedback** on your performance. You will be evaluated on accuracy, speed, and synchrony of your responses. **You will also be evaluated on accuracy of your response to the signals** (see example below).

middle finger	accuracy: 97% correct	Well done!
index finger	accuracy: 90% correct	Well done!
middle finger	speed: 488 ms	Well done!
index finger	speed: 521 ms	Well done!
middle finger	synchrony: 13 ms difference	Well done!
index finger	synchrony: 12 ms difference	Well done!
stop both	accuracy: 0% correct	Remember to stop left & right when you see ♥
ignore	accuracy: 85% correct	Well done!

In the event that your performance does not meet all preset requirements, the right column of the feedback provides specific instructions on how you should try to improve performance. You will have to repeat a practice stage until all requirements are met. If you have not met all requirements after four repetitions, we will have to terminate the experiment.

Do you have any questions? If not, press a button to continue

INSTRUCTIONS - PRACTICE - STOP-BOTH/IGNORE

You will practice the STOP-BOTH/IGNORE version of the task for about 4 minutes. The Japanese characters will occasionally be followed by one of the following signals: ♥ or ♦

Your main task is to respond to Japanese characters that appear on the screen.

- When you see め, press the two upper buttons with your left and right middle fingers
- When you see ん, press the two lower buttons with your left and right index fingers

Occasionally, these Japanese characters will be followed by a signal (playing card symbol):

- When you see ♥ stop BOTH your left and right finger
- When you see ♦ ignore it and do NOT stop your left and right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - PRACTICE - STOP-LEFT/STOP-RIGHT

You will practice the STOP-LEFT/STOP-RIGHT version of the task for about 4 minutes. The Japanese characters will occasionally be followed by one of the following signals: ♣ or ♠

Your main task is to respond to Japanese characters that appear on the screen.

- When you see め, press the two upper buttons with your left and right middle fingers
- When you see ん, press the two lower buttons with your left and right index fingers

Occasionally, these Japanese characters will be followed by a signal (playing card symbol):

- When you see ♣ stop ONLY your left finger
- When you see ♠ stop ONLY your right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Do you have any questions? If not, press a button to start practice.

INSTRUCTIONS - EXPERIMENT

You will perform 12 blocks of the task, each lasting approximately 4 minutes. You will perform 6 STOP-BOTH/IGNORE blocks and 6 STOP-LEFT/STOP-RIGHT blocks, in alternating order. At the beginning of each block, you will be reminded of the task instructions. At the end of each block you will receive feedback and you can take a short break.

Press a button to start the experiment

STOP-BOTH/IGNORE BLOCK

- When you see め, press the two upper buttons with your left and right middle fingers
- When you see む, press the two lower buttons with your left and right index fingers
- When you see ♥ stop BOTH your left and right finger
- When you see ♦ ignore it and do NOT stop your left and right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Press a button to start the next block

STOP-LEFT/STOP-RIGHT BLOCK

- When you see め, press the two upper buttons with your left and right middle fingers
- When you see ㇏, press the two lower buttons with your left and right index fingers
- When you see ♣ stop ONLY your left finger
- When you see ♠ stop ONLY your right finger

Remember:

- You should respond as accurate, fast, and synchronous as possible
- You should not wait for the signal
- You should try to maintain performance throughout the experiment

Press a button to start the next block