

# Movement Imagery Questionnaire-Revised Second Edition (MIQ-RS)

## Instructions

This questionnaire concerns two ways of mentally performing movements that are used by some people more than by others, and are more applicable to some types of movements than others. The first is attempting to form a visual image or picture of a movement in your mind. The second is attempting to feel what performing a movement is like without actually doing the movement. You are requested to do both of these mental tasks for a variety of movements in this questionnaire, and then rate how easy/difficult you found the tasks to be. The ratings that you give are not designed to assess the goodness or badness of the way you perform these mental tasks. They are attempts to discover the capacity individuals show for performing these tasks for different movements. There are no right or wrong ratings or some ratings that are better than others.

Each of the following statements describes a particular action or movement. Read each statement carefully and then actually perform the movement as described. Only perform the movement a single time. Return to the starting position for the movement just as if you were going to perform the action a second time. Then, depending on which of the following you are asked to do, either (i) form as clear and vivid a visual image as possible of the movement just performed, or (ii) attempt to feel yourself making the movement just performed without actually doing it.

After you have completed the mental task required, rate the ease/difficulty with which you were able to do the task. Take your rating from the following scales.

Rating scales:

## Visual Imagery Scale

1	2	3	4	5	6	7
Very hard to see	Hard to see	Somewhat hard to see	Neutral (not easy to see)	Somewhat easy to see	Easy to see	Very easy to see

## Kinesthetic Imagery Scale

1	2	3	4	5	6	7
Very hard to feel	Hard to feel	Somewhat hard to feel	Neutral (not easy to feel)	Somewhat easy to feel	Easy to feel	Very easy to feel

Be as accurate as possible and take as long as you feel necessary to arrive at the proper rating for each movement. You may choose the same rating for any number of movements “seen” or “felt” and it is not necessary to utilize the entire length of the scale.

### **Question 1.**

Starting Position: Stand with your feet and legs together and your arms at your sides.

Action: Raise your one knee as high as possible so that you are standing on one leg with your other leg flexed (bent) at the knee. Now lower your leg so that you are again standing on two feet.

Mental task: Assume the starting position. Attempt to feel yourself making the movement just performed without actually doing it. Now rate the ease/difficulty with which you were able to do this mental task.

### **Question 2.**

Starting Position: While sitting, put your hand on your lap and make a fist.

Action: Raise your hand above your head until your arm is fully extended, keeping your fingers in a fist. Next, lower your hand back to your lap while maintaining a fist.

Mental task: Assume the starting position. Attempt to see yourself making the movement just performed with as clear and vivid a visual image as possible. Now rate the ease/difficulty with which you were able to do this mental task.

### **Question 3.**

Starting Position: Extend your arm straight out to your side so that it is parallel to the ground, with your fingers extended and your palm down.

Action: Move your arm forward until it is directly in front of your body (still parallel to the ground). Keep your arm extended during the movement and make the movement slowly. Now move your arm back to the starting position, straight out to your side.

Mental task: Assume the starting position. Attempt to feel yourself making the movement just performed without actually doing it. Now rate the ease/difficulty with which you were able to do this mental task.

### **Question 4.**

Starting Position: Stand with your arms fully extended above your head.

Action: Slowly bend forward at the waist and try and touch your toes with your fingertips. Now return to the starting position, standing erect with your arms extended above your head.

Mental task: Assume the starting position. Attempt to see yourself making the movement just performed with as clear and vivid a visual image as possible. Now rate the ease/difficulty with which you were able to do this mental task.

### **Question 5.**

Starting Position: Put your hand in front of you about shoulder height as if you are about to push open a swinging door. Your fingers should be pointing upwards.

Action: Extend your arm fully as if you are pushing open the door, keeping your fingers pointing upwards. Now let the swinging door close by returning your hand and arm to the starting position.

Mental task: Assume the starting position. Attempt to see yourself making the movement just performed with as clear and vivid a visual image as possible. Now rate the ease/difficulty with which you were able to do this mental task.

**Question 6.**

Starting Position: While sitting, put your hand in your lap. Pretend you see a drinking glass on a table directly in front of you.

Action: Reach forward, grasp the glass and lift it slightly off the table. Now place it back on the table and return your hand to your lap.

Mental task: Assume the starting position. Attempt to feel yourself making the movement just performed without actually doing it. Now rate the ease/difficulty with which you were able to do this mental task.

**Question 7.**

Starting Position: Your hand is at your side. Pretend there is a door in front of you that is closed.

Action: Reach forward, grasp the door handle and pull open the door. Now gently shut the door, let go of the door handle and return your arm to your side.

Mental task: Assume the starting position. Attempt to feel yourself making the movement just performed without actually doing it. Now rate the ease/difficulty with which you were able to do this mental task.

**Question 8.**

Starting Position: Stand with your feet and legs together and your arms at your sides.

Action: Raise your one knee as high as possible so that you are standing on one leg with your other leg flexed (bent) at the knee. Now lower your leg so that you are again standing on two feet.

Mental task: Assume the starting position. Attempt to see yourself making the movement just performed with as clear and vivid a visual image as possible. Now rate the ease/difficulty with which you were able to do this mental task.

**Question 9.**

Starting Position: While sitting, put your hand on your lap and make a fist.

Action: Raise your hand above your head until your arm is fully extended, keeping your fingers in a fist. Next, lower your hand back to your lap while maintaining a fist.

Mental task: Assume the starting position. Attempt to feel yourself making the movement just performed without actually doing it. Now rate the ease/difficulty with which you were able to do this mental task.

**Question 10.**

Starting Position: Extend your arm straight out to your side so that it is parallel to the ground, with your fingers extended and your palm down.

Action: Move your arm forward until it is directly in front of your body (still parallel to the ground). Keep your arm extended during the movement and make the movement slowly. Now move your arm back to the starting position, straight out to your side.

Mental task: Assume the starting position. Attempt to see yourself making the movement just performed with as clear and vivid a visual image as possible. Now rate the ease/difficulty with which you were able to do this mental task.

**Question 11.**

Starting Position: Stand with your arms fully extended above your head.

Action: Slowly bend forward at the waist and try and touch your toes with your fingertips. Now return to the starting position, standing erect with your arms extended above your head.

Mental task: Assume the starting position. Attempt to feel yourself making the movement just performed without actually doing it. Now rate the ease/difficulty with which you were able to do this mental task.

**Question 12.**

Starting Position: Put your hand in front of you about shoulder height as if you are about to push open a swinging door. Your fingers should be pointing upwards.

Action: Extend your arm fully as if you are pushing open the door, keeping your fingers pointing upwards. Now let the swinging door close by returning your hand and arm to the starting position.

Mental task: Assume the starting position. Attempt to feel yourself making the movement just performed without actually doing it. Now rate the ease/difficulty with which you were able to do this mental task.

**Question 13.**

Starting Position: While sitting, put your hand in your lap. Pretend you see a drinking glass on a table directly in front of you.

Action: Reach forward, grasp the glass and lift it slightly off the table. Now place it back on the table and return your hand to your lap.

Mental task: Assume the starting position. Attempt to see yourself making the movement just performed with as clear and vivid a visual image as possible. Now rate the ease/difficulty with which you were able to do this mental task.

**Question 14.**

Starting Position: Your hand is at your side. Pretend there is a door in front of you that is closed.

Action: Reach forward, grasp the door handle and pull open the door. Now gently shut the door, let go of the door handle and return your arm to your side.

Mental task: Assume the starting position. Attempt to see yourself making the movement just performed with as clear and vivid a visual image as possible. Now rate the ease/difficulty with which you were able to do this mental task.