

Supplementary Material

Questionnaires used in research "Forced leadership as a social psychological phenomenon in professionally successful women scientists" by Cherepiekhina Olha, Dysa Olena, Bulanov Valerii, Turubarova Anastasiia, and Rukolyanska Nataliya.

We give questionnaires in the original language in which we researched with the subjects, that is, in Russian and Ukrainian. Since when translating (adapting) into English, we had the question of agreeing with the authors of the methods, which is impossible since they are not alive.

I. TANDARDIZED PSYCHOLOGICAL TECHNIQUES (Used in the research to study leadership abilities and identify the personality traits of women scientists)

"Self-Assessment of Leadership" (Fetiskin, Kozlov, Manuilov)

(The text of the questionnaire was in Russian)

1. What is more important to you in the game?

- Victory
- Entertainment

2. What do you prefer in general conversation?

- Show initiative, suggest something
- Listen to and criticize what others have to offer

3. Can you withstand criticism, not get involved in private disputes, or make excuses?

- Yes
- No

4. Do you like being praised in public?

- Yes
- No

5. Do you defend your opinion if the circumstances (majority opinion) are against you?

- Yes
- No

6. In a company, in a common cause, do you always act as a ringleader and come up with something interesting to others?

- Yes
- No

7. Do you know how to hide your mood from others?

- Yes
- No

8. Do you always immediately and without complaint do what your elders tell you?

- No
- Yes

9. Do you succeed in conversation, discussion, persuade, win over to your side those who previously disagreed with you?

- Yes
- No

10. Do you enjoy teaching (teaching, educating, teaching, advising) others?

- Yes
- No

II. METHODOLOGY

"Diagnosis of leadership skills" (Zharikov, Krushelnytsky)

(The text of the questionnaire was in Russian)

1. How often are you in the center of attention of others?

- Yes
- No

2. Do you think that many people around you hold a higher position in the service than you?

- Yes
- No

3. When you are in a meeting of people of your equal rank, do you feel the urge not to voice your opinion, even when necessary?

- Yes
- No

4. When you were a child, did you enjoy being a leader among your peers?

- Yes
- No

5. Do you get pleasure when you manage to convince someone of something?

- Yes
- No

6. Does it happen that you are called an indecisive person?

- Yes
- No

Do you agree with the statement: "All the most useful in the world is the result of the activities of a small number of outstanding people"?

- Yes
- No

7. Do you feel an urgent need for an advisor who could guide your professional activities?

- Yes
- No

8. Have you sometimes lose your cool when talking to people?

- Yes
- No

9. Do you enjoy seeing others fear you?

- Yes
- No

10. Do you try to occupy a place at the table (at a meeting, in a company, etc.) that would allow you to be in the center of attention and control the situation?

- Yes
- No

11. Do you think you are making an impressive (imposing) impression on people?

- Yes
- No

12. Do you consider yourself a dreamer?

- Yes
- No

13. Do you get lost if people around you disagree with you?

- Yes
- No

14. Have you, on your own initiative, been involved in organizing labor, sports, and other teams and collectives?

- Yes
- No

15. If what you have outlined did not give the expected results, then you:

- You will be glad if the responsibility for this matter is placed on someone else
- Take responsibility and follow through on your own

16. Which of the two opinions is closer to you?

- A real leader must himself do the business that he leads and personally participate in it
- A real leader should only be able to lead others and not necessarily do the job himself

17. Who do you prefer to work with?

- with obedient people
- with independent and self-reliant people

18. Do you try to avoid sharp discussions?

- Yes
- No

When you were a child, how often did you encounter your father's overbearing power?

- Yes
- No

19. Do you know how to win over those who previously disagreed with you in a discussion on a professional topic?

- Yes
- No

20. Imagine this scene: while walking with friends in the woods, you lost your way. The evening is approaching, and a decision must be made. What will you do?

- Leave the decision making to the most competent of you
- You just won't do anything relying on others

21. There is such a proverb: "It is better to be the first in the village than the last in the city." Is she fair?

- Yes
- No

22. Do you consider yourself a person who influences others?

- Yes
- No

23. Can failure to show initiative cause you never to do it again?

- Yes
- No

24. Who, from your point of view, is the true leader?

- The most competent person
- The one with the strongest character

25. Do you always try to understand and appreciate people?

- Yes
- No

26. Do you respect discipline?

- Yes
- No

27. Which of the following two leaders would you prefer?

- The one who decides everything himself
- One who always consults and listens to the opinions of others

28. Which of the following leadership styles do you think is best for the type of institution you work in?

- Collegial
- Authoritarian

29. Do you often get the impression that others are abusing you?

- Yes
- No

30. Which of the following portraits reminds you more?

- A person with a loud voice, expressive gestures, will not reach into his pocket for a word
- A person with a calm, quiet voice, restrained, thoughtful

31. How will you behave at meetings and conferences if you think your opinion is the only correct one, but others disagree with you?

- Keep silent
- Will defend your opinion

32. Do you subordinate your interests and the behavior of others to the business you are doing?

- Yes
- No

33. Do you feel anxious if you are assigned responsibility for an important matter?

- Yes
- No

34. Which would you prefer?

- work under the guidance of a good person
- work independently, without supervisors

35. How do you feel about the statement: "For family life to be good, the decision within the family must be made by one of the spouses?"

- I agree
- I do not agree

36. Have you ever bought something under the influence of other people's opinions and not based on your own need?

- Yes
- No

37. Do you consider your organizational skills to be good?

- Yes
- No

38. How do you behave when faced with difficulties?

- Lower your hands
- There is a strong desire to overcome them

39. Do you reproach people with people if they deserve it?

- Yes
- No

40. Do you think that your nervous system is able to withstand the stress of life?

- Yes
- No

41. What will you do if you are asked to reorganize your institution or organization?

- I will make the necessary changes immediately
- I will take my time and think it over carefully first

42. Will you be able to interrupt a too talkative interlocutor, if necessary?

- Yes
- No

43. Do you agree with the statement: "In order to be happy, you have to live imperceptibly"?

- Yes
- No

44. Do you think that everyone should do something outstanding?

- Yes
- No

45. Who would you rather become?

- Artist, poet, composer, scientist
- An outstanding leader, politician

46. What kind of music do you enjoy listening to?

- Mighty and solemn
- Quiet and lyrical

47. Do you feel anxious looking forward to meeting important and famous people?

- Yes
- No

48. How often have you met people with a stronger will than yours?

- Yes
- No

III. METHODOLOGY

"Diagnosis of personality for motivation to succeed" (Ehlers)

(The text of the questionnaire was in Ukrainian)

1. When there is a choice between two options, it is better to choose without delay.
2. I get nervous when I notice that I can't complete a task 100 percent.
3. When I work, it looks like I'm putting everything into success.
4. If there is a problem situation, I usually make a decision one of the last.
5. When I have nothing to do for two days in a row, I lose my temper.
6. On certain days, my successes are below the "norm".
7. I am more demanding of myself than of other people.
8. I am friendlier than others.
9. When I give up a difficult task, I later blame myself because I am convinced that I could cope with the task.
10. While taking work, I need a little rest.
11. Diligence is the main feature of my character.
12. My achievements are not always equally successful.
13. I like a different job than the one I am doing now.
14. Remarks are more conducive to my activity than praise.
15. I am convinced that my colleagues perceive me as a good specialist.
16. Obstacles help me make stronger decisions.
17. It is not difficult for others to touch my sense of dignity.
18. When I work reluctantly, it's easy to notice.
19. While doing work, I do not count on the help of others.
20. Sometimes, I put off the work I have to do now.
21. You should rely only on your own strength.
22. There are few things in life that are more important than money.
23. Whenever I have to carry out an important task, I am not distracted by other problems.
24. My sense of ambition is less than others.
25. At the end of the holiday, I am mostly happy to return to work.
26. When I like a job, I do it better than any other job.
27. I prefer to deal with people who can work hard.

28. When I have no classes, I feel discomfort.
29. I have to do responsible work more often than others.
30. When I have to decide, I try to find the best way to solve the problem.
31. My comrades sometimes consider me lazy.
32. My success depends to some extent on my colleagues.
33. It makes no sense to go against the will of the leader.
34. Sometimes, I do not know what work to do.
35. When something fails to do, I lose patience.
36. I mostly do not attach importance to my achievements.
37. When I work with others, the results of my work are higher than the results of other people.
38. I did not complete many things I undertook.
39. I envy people who are less busy than me.
40. I am not equal to those who seek power and positions.
41. When I am convinced of the correctness of my own position, I am able to do everything to prove my own rightness.

IV. QUESTIONNAIRE

"Study of volitional self-regulation" (Eidman)

(The text of the questionnaire was in Ukrainian)

1. If something does not stick, I often have a desire to leave the case.
2. I do not leave my plans and affairs, even if I have to choose between them and a nice company.
3. It's easy for me to control my anger if necessary.
4. I usually stay calm, waiting for a friend who is late.
5. It's hard to distract me from the work I've started.
6. I am severely derailed by physical pain.
7. I always try to listen to the interlocutor without interrupting, even if he can't wait to object.
8. I always "bend" my line.
9. If necessary, I can not sleep at night (for example, work, shifts) and the whole next day to be in "good shape".
10. My plans very often cross out external circumstances.
11. I consider myself a patient person.
12. It's not easy for me to force myself to watch a spectacle that excites me in cold blood.

13. I rarely manage to force myself to continue working after a series of insulting failures.
14. If I treat someone badly, it's hard for me to hide it.
15. I can go about my business in awkward and in inappropriate circumstances, if necessary.
16. It is very difficult for me to realize that it must be done by a certain date.
17. I consider myself a determined person.
18. I tolerate physical fatigue easier than others.
19. It is better to wait for the elevator that has just left than climb the stairs.
20. It is not so easy for me to spoil my mood.
21. Sometimes, a little thing covers my thoughts, does not give me peace, and I can not detach from it.
22. It's harder for me to focus on a task or work than others.
23. It's hard to argue with me.
24. I always try to finish what I started.
25. I am easily distracted.
26. I sometimes notice that I try to achieve my goal in spite of the circumstances.
27. People sometimes envy my patience and diligence.
28. It is difficult for me to stay calm in a stressful situation.
29. I notice that I unconsciously start to change the way of the action during monotonous work, even if it leads to worsening results.
30. I am usually very annoyed when the door of a vehicle or an elevator that is leaving closes "in front of my nose".

V. METHODOLOGY

"Assessment of the need for approval" (Crown, Marlowe)

(The text of the questionnaire was in Ukrainian)

1. I read each book carefully before returning it to the library.
2. I do not hesitate when someone needs help in trouble.
3. I always pay close attention to how I dress.
4. At home, I behave at the table the same way as in the dining room.
5. I have never felt antipathy towards anyone.
6. There was a case when I stopped doing something because I was not confident in my abilities.
7. Sometimes, I like to gossip about the missing.

8. I always listen carefully to the interlocutor, whoever he is.
9. There was a case when I came up with a "good" reason to justify myself.
10. Sometimes, I took advantage of a human error.
11. I am always willing to admit my mistakes.
12. Sometimes, instead of forgiving a person, I try to repay him the same.
13. There were times when I insisted on doing things my way.
14. I do not have an internal protest when I am asked to provide a service.
15. I never get annoyed when they express an opinion opposite to mine.
16. Before a long trip, I always think carefully about what to take with me.
17. There were times when I envied the luck of others.
18. Sometimes, I am annoyed by people who ask me.
19. When people are in trouble, I sometimes think they got what they deserved.
20. I never said unpleasant things with a smile.

VI. TEST-QUESTIONNAIRE

Purpose-in-Life Test (PIL) Kramb, Maholik, adaptation by Leontiev (original English version attached to this letter pdf file)

(The text of the questionnaire was in Russian)

1. I am usually very bored.
I'm usually full of energy.
2. Life seems to me always exciting.
Life looks completely calm and routine to me.
3. I have no definite goals and intentions in life.
I have very clear goals and intentions.
4. My life seems to me extremely meaningless and aimless.
My life seems quite meaningful and purposeful to me.
5. To me, every day always seems new and different from others.
To me, every day seems entirely similar to all others.
6. When I retire, I will do the interesting things I always dreamed of doing.
When I retire, I will try not to burden myself with any worries.
7. My life turned out exactly the way I dreamed.
My life did not turn out the way I dreamed.

8. I have not achieved success in the implementation of my life plans.
I have accomplished a lot of what was planned by me in my life.
9. My life is empty and uninteresting.
My life is filled with interesting things.
10. If I had to sum up my life today, I would say that it was quite meaningful.
If I had to sum up my life today, I would say that it had no meaning.
11. If I could choose, I would have structured my life in a completely different way.
If I could choose, then I would live life again the same way I live now.
12. When I look at the world around me, it often leads me to confusion and anxiety.
When I look at the world around me, it does not cause me anxiety and confusion at all.
13. I am a very obliging person.
I am not obligatory at all.
14. I believe that a person has the ability to carry out his life choices at will.
I believe that a person is deprived of the opportunity to choose because of the influence of natural abilities and circumstances.
15. I can definitely call myself a purposeful person.
I cannot call myself a purposeful person.
16. In life, but has not yet found his calling and clear goals.
In life, I have found my calling and purpose.
17. My views on life have not yet been determined.
My views on life are well defined.
18. I believe that I have managed to find a calling and interesting goals in life.
I can hardly find a calling and interesting goals in life.
19. My life is in my hands, and I manage it myself.
My life is not subject to me, and it is governed by external events.
20. My daily activities bring me pleasure and satisfaction.
My daily activities bring me continuous troubles and worries.

Your Name: _____ Personality, Dr. Brian Burke

PURPOSE IN LIFE TEST (Crumbaugh & Maholick, 1964)**Instructions:** Write the number (1 to 5) next to each statement that is most true for you right now.

<i>Items</i>	Rate each item from 1 to 5	
1. I am usually:	bored 1-----2-----3-----4-----5	enthusiastic
2. Life to me seems:	completely routine;	always exciting.
3. In life I have:	no goals or aims;	clear goals and aims.
4. My personal existence is:	utterly meaningless, without purpose;	purposeful and meaningful.
5. Every day is:	exactly the same;	constantly new and different.
6. If I could choose, I would:	prefer never to have been born;	want 9 more lives just like this one.
7. After retiring, I would:	loaf completely the rest of my life;	do some of the exciting things I've always wanted to.
8. In achieving life goals I've:	made no progress whatever;	progressed to complete fulfillment.
9. My life is:	empty, filled only with despair;	running over with exciting things.
10. If I should die today, I'd feel that my life has been:	completely worthless;	very worthwhile.
11. In thinking of my life, I:	often wonder why I exist;	Always see reasons for being here.
12. As I view the world in relation to my life, the world:	completely confuses me;	fits meaningfully with my life.
13. I am a:	very irresponsible person;	very responsible person.
14. Concerning freedom to choose, I believe humans are:	completely bound by limitations of heredity and environment;	totally free to make all life choices.
15. With regard to death, I am:	unprepared and frightened;	prepared and unafraid.
16. Regarding suicide, I have:	thought of it seriously as a way out;	never given it a second thought.
17. I regard my ability to find a purpose or mission in life as:	practically none;	very great.
18. My life is:	out of my hands and controlled by external factors;	in my hands and I'm in control of it.
19. Facing my daily tasks is:	a painful and boring experience;	a source of pleasure & satisfaction.
20. I have discovered:	no mission or purpose in life;	a satisfying life purpose.

SCORING: Add up all the numbers you wrote down (20-100). A score of less than 50 may indicate that you are experiencing an "existential void," a lack of meaning or purpose in your life right now...

On a scale of 0-10, how happy did you feel when you got the results of exam #1 back? (Circle one)

0 1 2 3 4 5 6 7 8 9 10