Research Fairness and Research Intergrity: A cross-sectional surevy

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# Demographics

Variable

**N**

**Prefer not to disclose**, N = 9

**Researcher from the Global North**, N = 54

**Researcher from the Global South**, N = 82

**Which country are you from?**

118

East Asia and Pacific

2 (33%)

3 (6.4%)

10 (15%)

Europe and Central Asia

1 (17%)

29 (62%)

2 (3.1%)

Middle East and North Africa

0 (0%)

0 (0%)

1 (1.5%)

North America

0 (0%)

10 (21%)

2 (3.1%)

Prefer Not To Disclose

1 (17%)

0 (0%)

1 (1.5%)

South Asia

1 (17%)

1 (2.1%)

13 (20%)

Sub-Saharan Africa

1 (17%)

4 (8.5%)

36 (55%)

**What discipline of global health based describes you:**

116

Biology/Medicine

1 (17%)

13 (28%)

18 (28%)

Biostatistics/Epidemiology

2 (33%)

17 (37%)

22 (34%)

Mathematics/Computer science

0 (0%)

1 (2.2%)

0 (0%)

Other (please specify)

0 (0%)

8 (17%)

15 (23%)

Political sciences/Health economics

0 (0%)

2 (4.3%)

5 (7.8%)

Prefer not to disclose

3 (50%)

1 (2.2%)

1 (1.6%)

Sociology/Anthropology

0 (0%)

4 (8.7%)

3 (4.7%)

**What is you gender?**

117

Female

2 (33%)

26 (57%)

28 (43%)

Male

3 (50%)

19 (41%)

37 (57%)

Prefer not to disclose

1 (17%)

1 (2.2%)

0 (0%)

**How many years of involvement in research do you have?**

117

Early Career (< 3 years post-education)

1 (17%)

3 (6.4%)

7 (11%)

Established (>10 years post-education)

1 (17%)

35 (74%)

29 (45%)

Mid-career (3-10 years post-education)

1 (17%)

8 (17%)

27 (42%)

Prefer not to disclose

3 (50%)

1 (2.1%)

1 (1.6%)

**What is your highest academic rank?**

118

Associate Professor or Full Professor

0 (0%)

20 (43%)

13 (20%)

Bachelor or Master degree

3 (50%)

5 (11%)

21 (32%)

Other (please specify)

0 (0%)

1 (2.1%)

2 (3.1%)

PhD degree

2 (33%)

9 (19%)

23 (35%)

Postdoc or Assistant Professor

0 (0%)

11 (23%)

5 (7.7%)

Prefer not to disclose

1 (17%)

1 (2.1%)

1 (1.5%)

# Responsible research practices and fair research practices by the question which of the following best describes you?

Variable

**N**

**Prefer not to disclose**, N = 9

**Researcher from the Global North**, N = 54

**Researcher from the Global South**, N = 82

**rpq1**

116

6.33 (1.63)

6.45 (1.61)

6.43 (1.62)

**rpq2**

80

5.40 (2.51)

5.81 (1.94)

5.86 (2.12)

**rpq3**

118

6.86 (0.38)

6.11 (1.20)

6.02 (1.90)

**rpq4**

121

6.43 (0.79)

6.00 (1.13)

6.15 (1.53)

**rpq5**

123

6.43 (1.13)

5.49 (1.32)

6.10 (1.46)

**rpq6**

110

5.29 (2.36)

6.16 (0.82)

6.00 (1.69)

**rpq7**

120

6.57 (0.79)

6.19 (1.01)

6.42 (1.07)

**rpq8**

118

6.71 (0.49)

6.46 (0.77)

6.27 (1.35)

**rpq9**

100

3.71 (2.63)

5.09 (2.08)

4.57 (2.46)

**rpq10**

119

6.43 (0.53)

5.36 (1.48)

5.62 (1.64)

**rpq11**

119

6.71 (0.49)

6.72 (0.68)

6.71 (0.63)

**rpq12**

120

6.00 (2.24)

6.56 (0.74)

6.42 (1.38)

**rpq13**

119

4.57 (2.23)

5.71 (1.25)

5.77 (1.66)

**rpq14**

120

5.57 (2.30)

6.85 (0.36)

6.57 (1.31)

**rpq15**

95

6.83 (0.41)

6.03 (1.36)

5.84 (1.87)

**rpq16**

109

4.14 (2.12)

4.61 (1.88)

4.90 (2.21)

**rpq17**

83

2.67 (1.63)

4.23 (1.92)

3.94 (2.30)

**rpq18**

114

6.14 (0.90)

5.80 (1.34)

5.73 (1.84)

**rpq19**

117

6.14 (1.07)

5.77 (1.43)

5.89 (1.70)

**rpq20**

116

5.86 (2.19)

6.62 (0.71)

6.44 (1.21)

**fpq1**

108

6.20 (1.10)

4.61 (1.74)

6.08 (1.39)

**fpq2**

109

5.40 (1.52)

5.05 (1.56)

5.56 (1.78)

**fpq3**

106

4.20 (2.95)

5.74 (1.56)

5.88 (1.53)

**fpq4**

114

6.00 (2.45)

6.00 (1.45)

6.16 (1.39)

**fpq5**

110

5.50 (2.07)

6.00 (1.31)

6.18 (1.40)

**fpq6**

114

6.00 (2.45)

6.11 (1.13)

6.29 (1.31)

**fpq7**

112

5.00 (2.10)

5.56 (1.16)

6.11 (1.35)

**fpq8**

113

6.00 (2.45)

6.67 (0.78)

6.66 (1.24)

**fpq9**

97

6.17 (2.04)

6.65 (0.82)

6.43 (1.51)

**fpq10**

107

6.40 (0.55)

6.19 (1.42)

6.15 (1.41)

**fpq11**

105

5.33 (1.97)

5.87 (1.60)

6.20 (1.34)

**fpq12**

113

7.00 (0.00)

6.64 (0.89)

6.43 (1.38)

**fpq13**

111

6.83 (0.41)

5.78 (1.39)

6.20 (1.40)

**fpq14**

103

3.75 (2.50)

4.38 (1.58)

4.78 (1.92)

**fpq15**

104

4.00 (2.45)

4.36 (1.61)

4.46 (1.95)

**fpq16**

102

3.75 (2.63)

4.89 (1.61)

4.42 (1.96)

**fpq17**

104

4.60 (2.30)

4.32 (1.62)

4.27 (2.07)

**fpq18**

114

5.50 (2.35)

6.39 (0.80)

6.24 (1.43)

**fpq19**

113

5.17 (2.32)

5.95 (1.26)

6.13 (1.52)

**fpq20**

97

4.20 (2.28)

4.18 (1.91)

4.98 (2.11)

**responsible research Practices score**

44

110 (21)

118 (10)

118 (14)

**fair research practices score**

65

95 (36)

115 (14)

115 (21)

# Responsible research practices and fair research practices by location (Global North or South)

In this analysis, I have removed those who chose the option prefer not to say

Variable

**N**

**Global North**, N = 54

**Global South**, N = 82

**p-value**

**rpq1**

110

6.45 (1.61)

6.43 (1.62)

0.8

**rpq2**

75

5.81 (1.94)

5.86 (2.12)

0.7

**rpq3**

111

6.11 (1.20)

6.02 (1.90)

0.12

**rpq4**

114

6.00 (1.13)

6.15 (1.53)

0.040

**rpq5**

116

5.49 (1.32)

6.10 (1.46)

0.002

**rpq6**

103

6.16 (0.82)

6.00 (1.69)

0.2

**rpq7**

113

6.19 (1.01)

6.42 (1.07)

0.10

**rpq8**

111

6.46 (0.77)

6.27 (1.35)

0.9

**rpq9**

93

5.09 (2.08)

4.57 (2.46)

0.5

**rpq10**

112

5.36 (1.48)

5.62 (1.64)

0.2

**rpq11**

112

6.72 (0.68)

6.71 (0.63)

0.9

**rpq12**

113

6.56 (0.74)

6.42 (1.38)

0.6

**rpq13**

112

5.71 (1.25)

5.77 (1.66)

0.4

**rpq14**

113

6.85 (0.36)

6.57 (1.31)

0.6

**rpq15**

89

6.03 (1.36)

5.84 (1.87)

>0.9

**rpq16**

102

4.61 (1.88)

4.90 (2.21)

0.3

**rpq17**

77

4.23 (1.92)

3.94 (2.30)

0.6

**rpq18**

107

5.80 (1.34)

5.73 (1.84)

0.4

**rpq19**

110

5.77 (1.43)

5.89 (1.70)

0.2

**rpq20**

109

6.62 (0.71)

6.44 (1.21)

0.7

**fpq1**

103

4.61 (1.74)

6.08 (1.39)

<0.001

**fpq2**

104

5.05 (1.56)

5.56 (1.78)

0.032

**fpq3**

101

5.74 (1.56)

5.88 (1.53)

0.6

**fpq4**

108

6.00 (1.45)

6.16 (1.39)

0.4

**fpq5**

104

6.00 (1.31)

6.18 (1.40)

0.2

**fpq6**

108

6.11 (1.13)

6.29 (1.31)

0.15

**fpq7**

106

5.56 (1.16)

6.11 (1.35)

0.003

**fpq8**

107

6.67 (0.78)

6.66 (1.24)

0.2

**fpq9**

91

6.65 (0.82)

6.43 (1.51)

0.9

**fpq10**

102

6.19 (1.42)

6.15 (1.41)

0.8

**fpq11**

99

5.87 (1.60)

6.20 (1.34)

0.3

**fpq12**

107

6.64 (0.89)

6.43 (1.38)

0.8

**fpq13**

105

5.78 (1.39)

6.20 (1.40)

0.045

**fpq14**

99

4.38 (1.58)

4.78 (1.92)

0.2

**fpq15**

100

4.36 (1.61)

4.46 (1.95)

0.6

**fpq16**

98

4.89 (1.61)

4.42 (1.96)

0.3

**fpq17**

99

4.32 (1.62)

4.27 (2.07)

0.9

**fpq18**

108

6.39 (0.80)

6.24 (1.43)

0.6

**fpq19**

107

5.95 (1.26)

6.13 (1.52)

0.093

**fpq20**

92

4.18 (1.91)

4.98 (2.11)

0.037

**responsible research Practices score**

40

118 (10)

118 (14)

0.7

**fair research practices score**

62

115 (14)

115 (21)

0.5