

# Wiley Peer Review Study 2015

Key Survey data

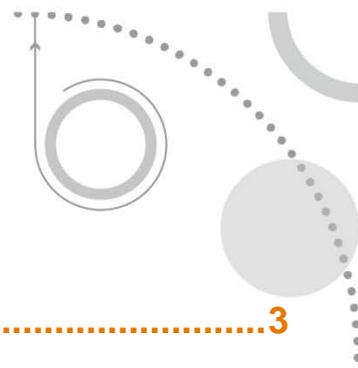
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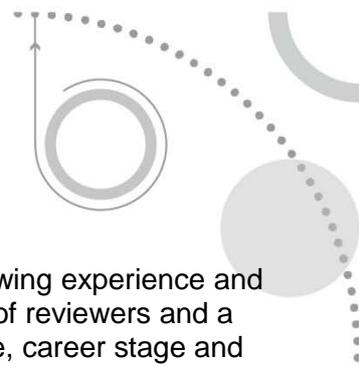
**WILEY**

# Contents



<b>Introduction</b> .....	<b>3</b>
<b>Reviewer Experience, Entry Routes and Workload</b> .....	<b>4</b>
Experience of reviewing.....	4
First reviewing invitation .....	4
<b>Reviewer Motivations</b> .....	<b>6</b>
Decision to become a peer reviewer.....	6
<b>Factors influencing reviewer behavior</b> .....	<b>7</b>
Declining to review .....	7
Reasons for declining a review invitation .....	7
Impact of peer review model on decision to review .....	8
Factors influencing reviewer behavior.....	8
<b>Reward and Recognition</b> .....	<b>10</b>
Influence of reward and recognition initiatives on decision to review .....	10
Institutional recognition for peer review.....	11
<b>Training needs</b> .....	<b>12</b>
Usefulness of reviewer training formats .....	12
Training received to date .....	12
Demand for peer reviewer training.....	13
Demand for specific areas of reviewer training.....	14
<b>Demographics</b> .....	<b>15</b>
Discipline .....	15
Primary place of work.....	16
Age of respondent .....	16

# Introduction



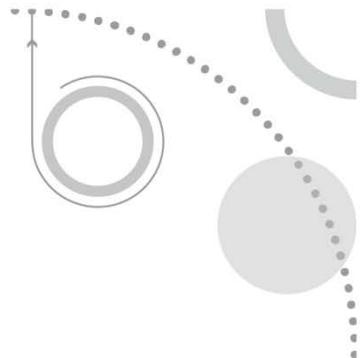
In July 2015, Wiley surveyed over 170,000 researchers in order to explore peer reviewing experience and needs. Our goals were to take a deeper dive into the recognition and training needs of reviewers and a closer look at how reviewer behavior and motivations change according to experience, career stage and region. The survey received 2,982 usable responses (a response rate of 1.7%). An open access research article presenting the findings of the study was published in [Learned Publishing, January 2016](#). This report presents data from the survey. An interactive visualization tool for key questions is available at [www.wileypeerreview.com/study](http://www.wileypeerreview.com/study)

## Survey methods and response rates

Survey invitations were sent by email to 170,000 authors from two distinct lists: 1) Wiley authors who had published in any Wiley journals since 2012 and who opted to receive e-marketing messages; 2) A random sample of 4,950 authors who published in any journal that received a 2014 Impact Factor from Thomson Reuters. As studies suggest 90% of authors are also reviewers (Ware, 2008), it was felt that using author lists would be the most reliable means for reaching large numbers of reviewers. A screening question was used to ensure that all respondents had reviewed a paper in the past three years.

3,630 logged into the web-based survey from the email campaigns. A total of 648 logged surveys were excluded from the analysis (209 did not answer the first question; 387 did not review an article in the past 3 years; and 52 were unsure if they had reviewed in the last three years), leaving 2,982 usable responses, an effective response rate of 1.7%. As each question was voluntary, some questions elicited higher response rates than others.

A quota system was employed to keep track of how many responses were received by country and subject discipline, ensuring that a balanced data sample, representative of Wiley's publishing community, was gathered. The survey was not closed until sufficient responses were received from each country and subject area.

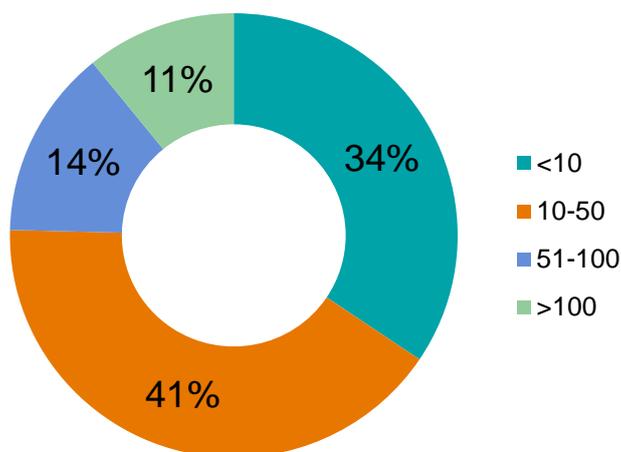


# Reviewer Experience, Entry Routes and Workload

## Experience of reviewing

Question: *Approximately how many academic papers have you reviewed to date?*

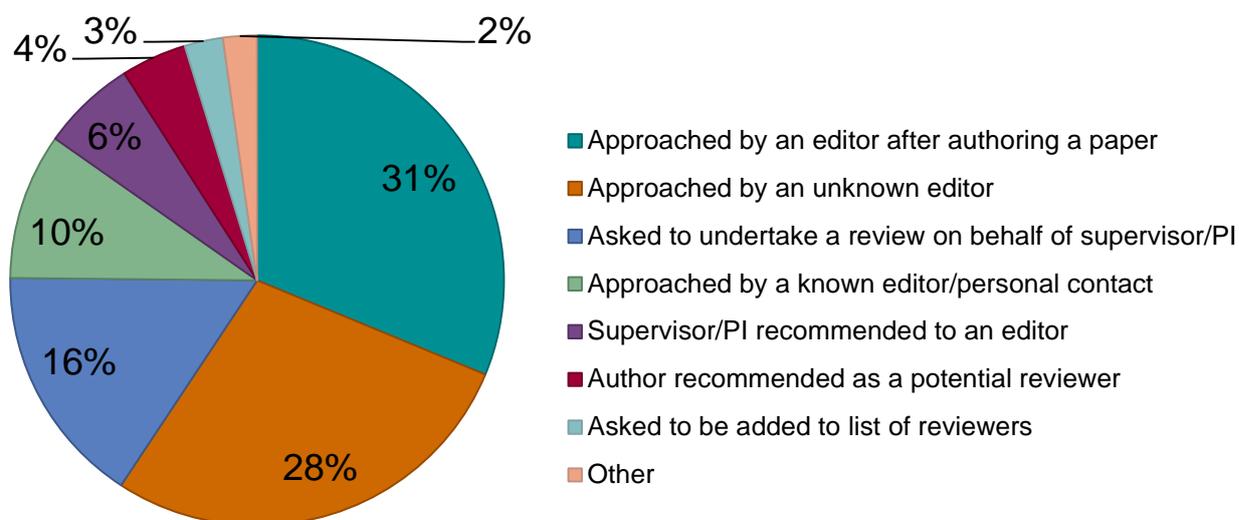
Number of reviews undertaken to date



Total respondents: 2922

## First reviewing invitation

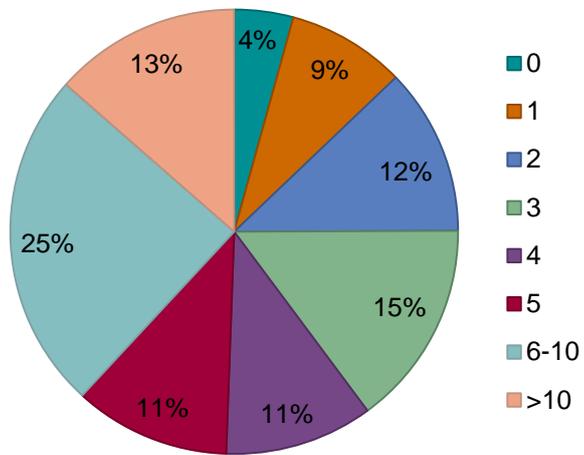
Question: *How did your first review opportunity arrive?*



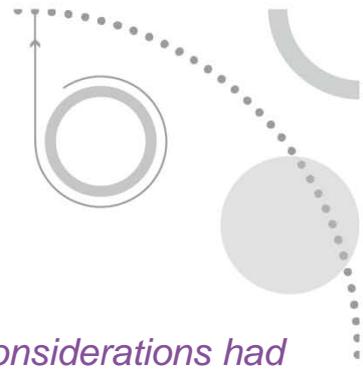
Total respondents: 2834

## Reviewer workload

Question: "How many journals do you currently review for?"



Total respondents: 2814



# Reviewer Motivations

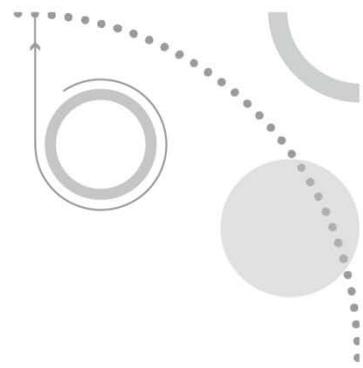
## Decision to become a peer reviewer

Question: *“Please indicate how much influence each of following considerations had in your decision to become a peer reviewer:”*

Ranked on a scale of 1 to 5 (5 being very strongly)



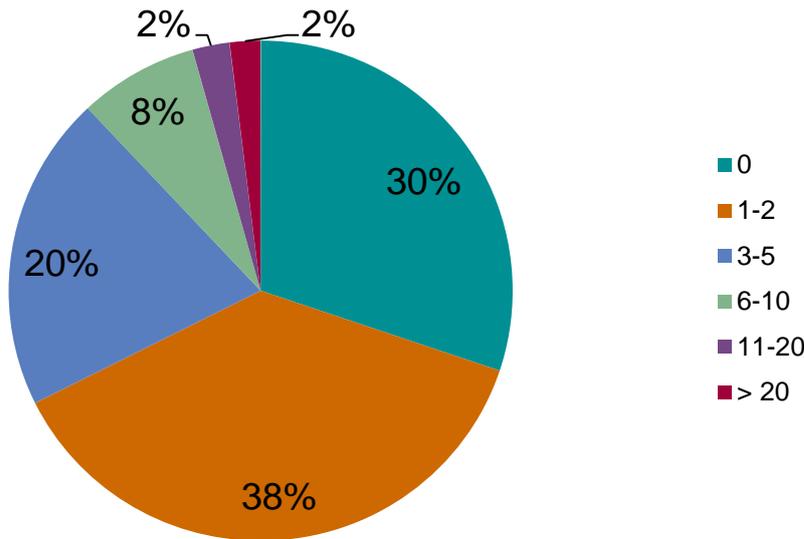
Total respondents: 2943



# Factors influencing reviewer behavior

## Declining to review

Question: "During the last 12 months, how many times have you declined an invitation to review?"

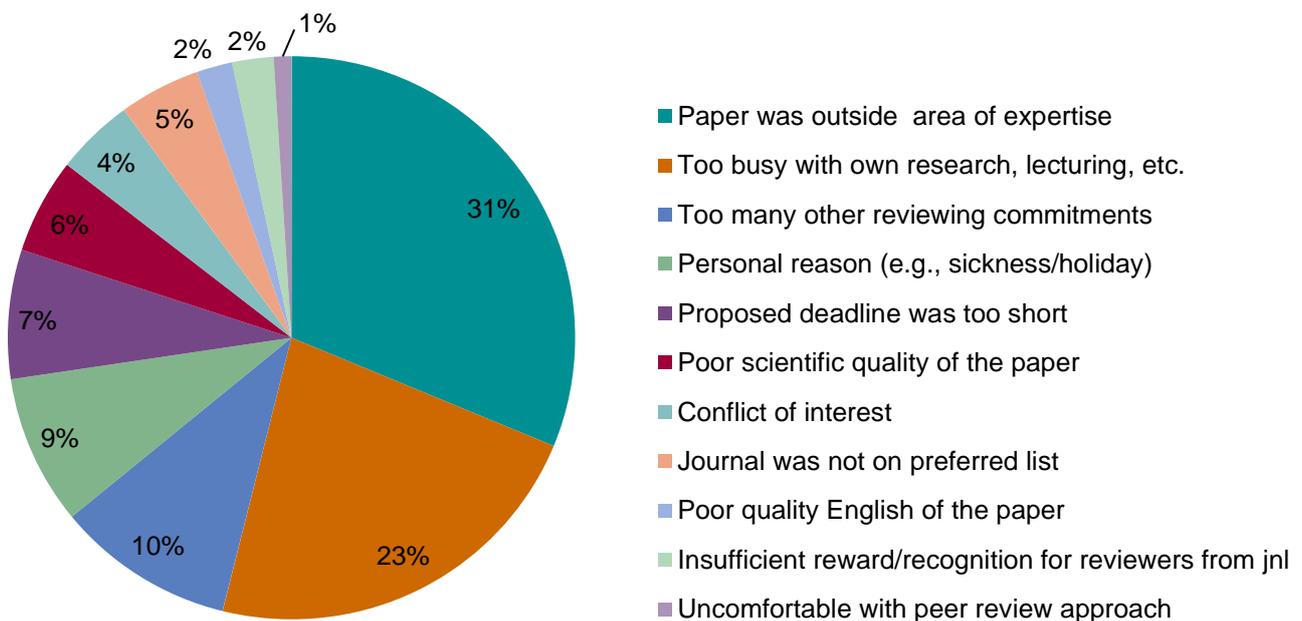


Total respondents: 2638

## Reasons for declining a review invitation

Question: "Please select the main reasons you declined the invitation(s)."

Select up to 3 choices

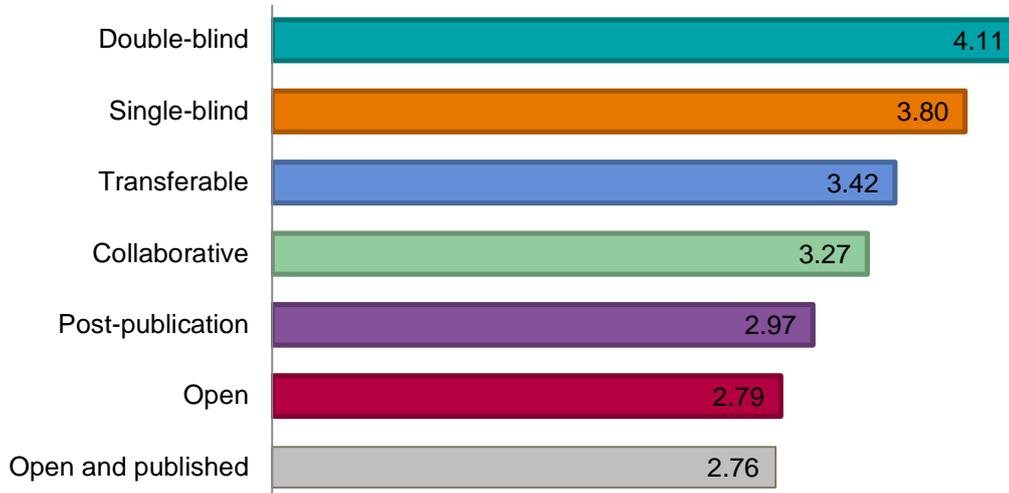




## Impact of peer review model on decision to review

Question: "Please indicate how likely you are to accept an invitation to review for a journal that uses the following types of peer review"

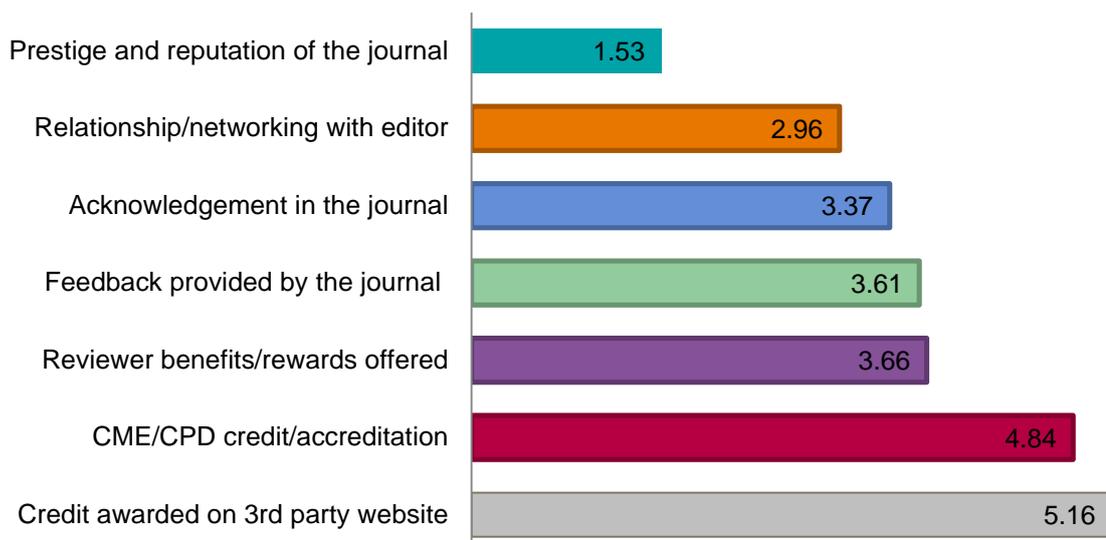
On a scale of 1-5 (5 being very likely)



Total respondents: 2553

## Factors influencing reviewer behavior

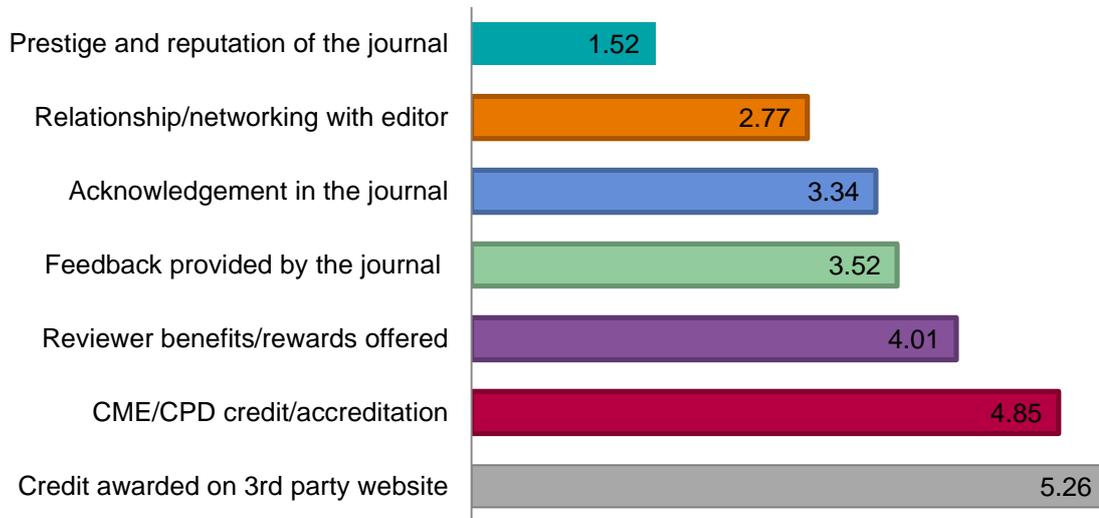
Question: "Please drag and rank the following considerations according to their level of influence on your decision to accept an invitation to review"



Total respondents: 2262

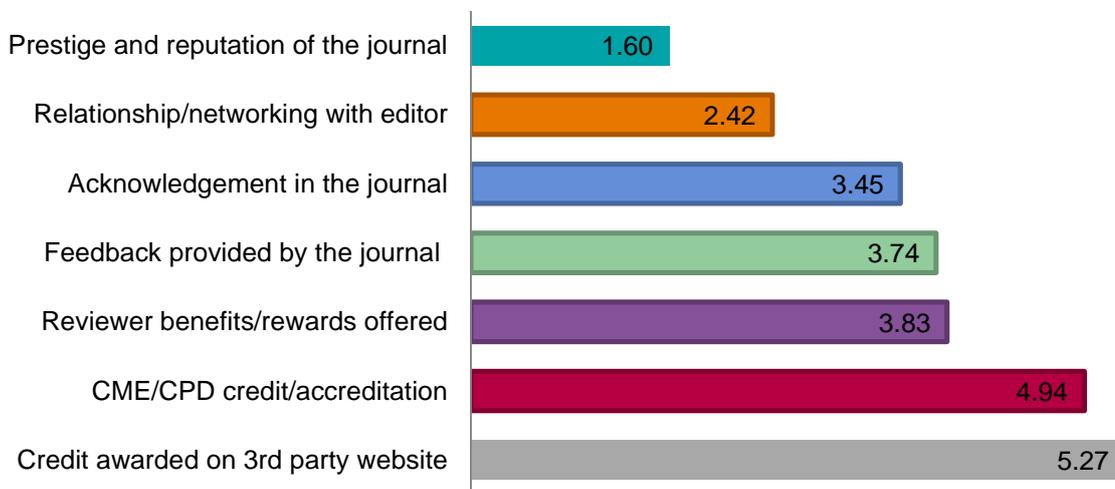


Question: "Please drag and rank the following considerations according to their level of influence on your decision to time spent completing a review"



Total respondents: 2166

Question: "Please drag and rank the following considerations according to their level of influence on your decision to commitment to meeting review deadlines"



Total respondents: 2087

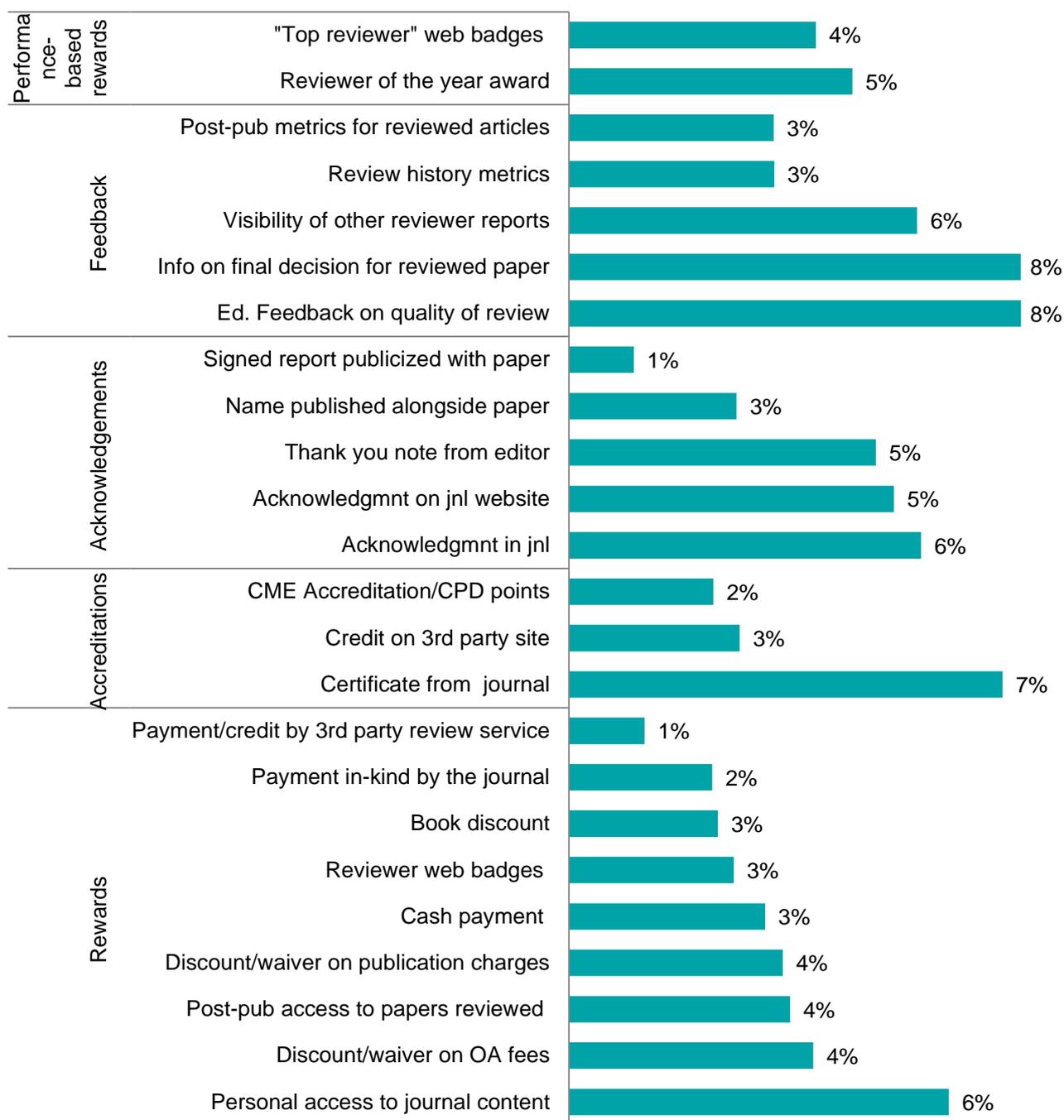
# Reward and Recognition



## Influence of reward and recognition initiatives on decision to review

Question: "Please select the offers that would make you more likely to accept an invitation to review"

Respondents asked to select as many as applied

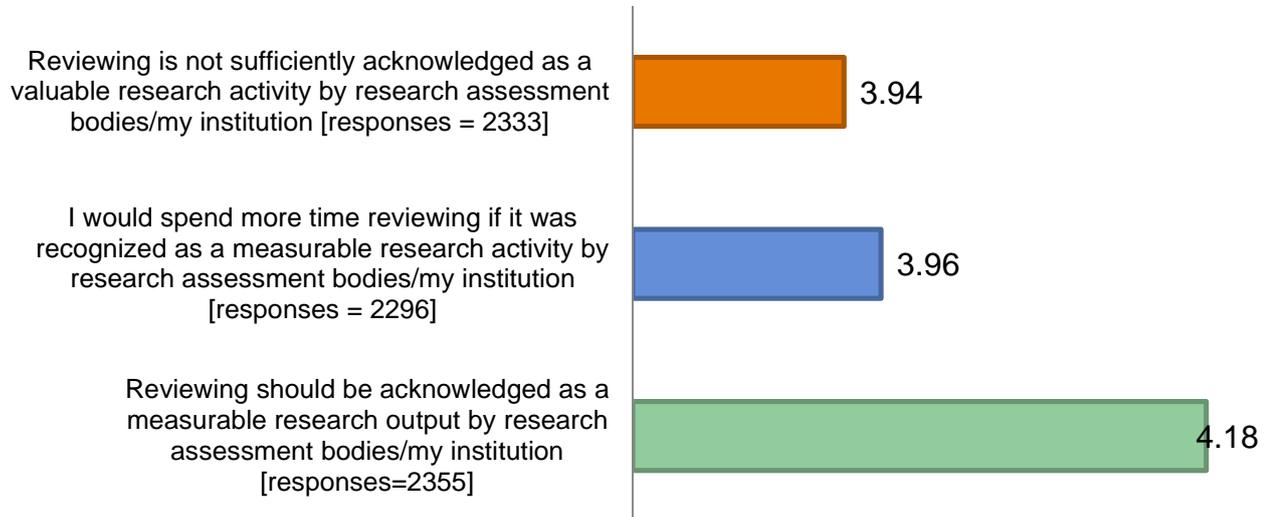


Total respondents: 2976

## Institutional recognition for peer review

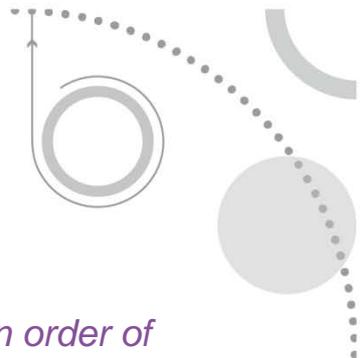
Question: "Please indicate the extent to which you agree with the following statements."

On a scale of 1 to 5 (5 being strongly agree)



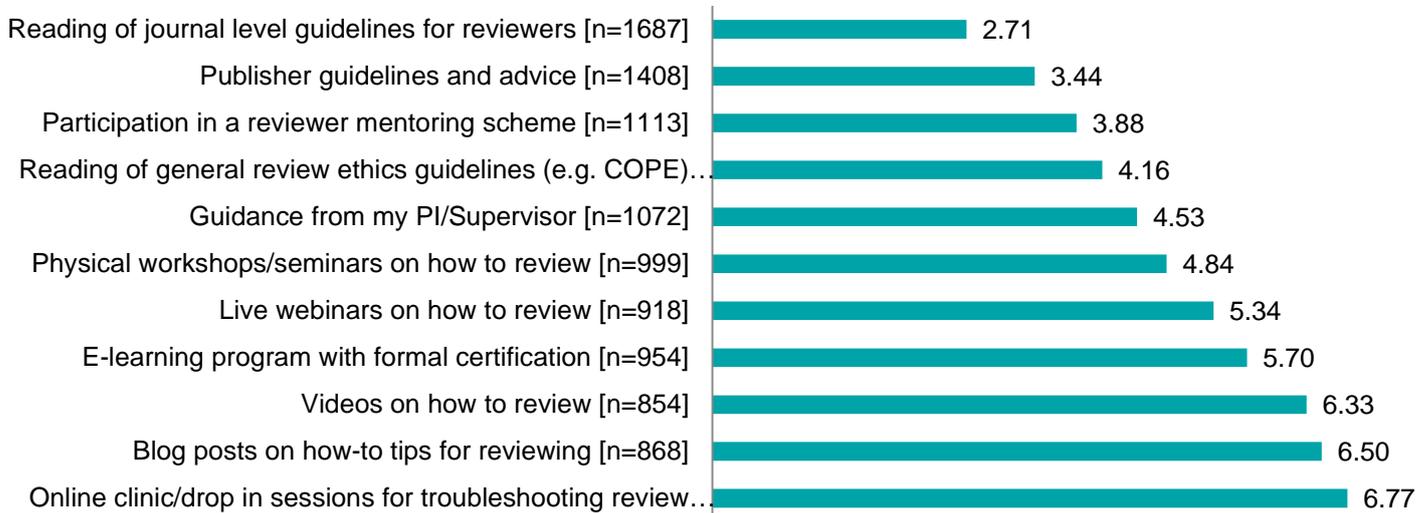
Total respondents: 2333

# Training needs



## Usefulness of reviewer training formats

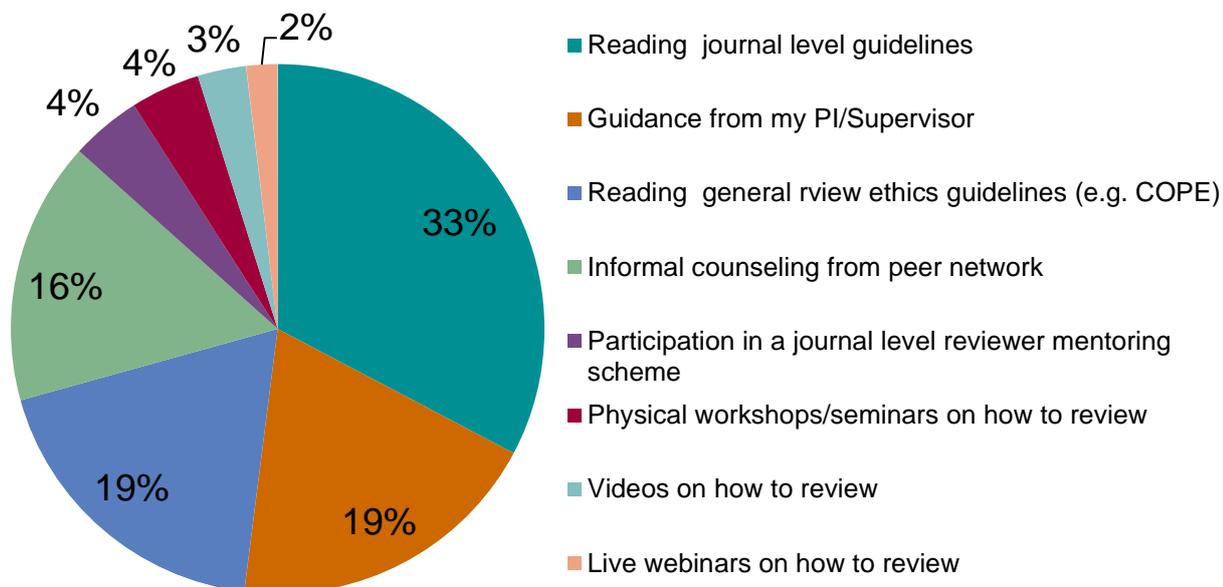
Question: "Please drag and rank the following reviewer resources in order of usefulness"



Total respondents: 2165

## Training received to date

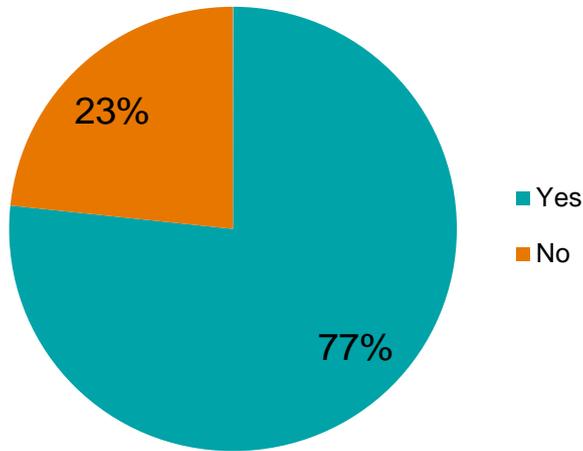
Question: "Please select the types of reviewer training you have received to date"



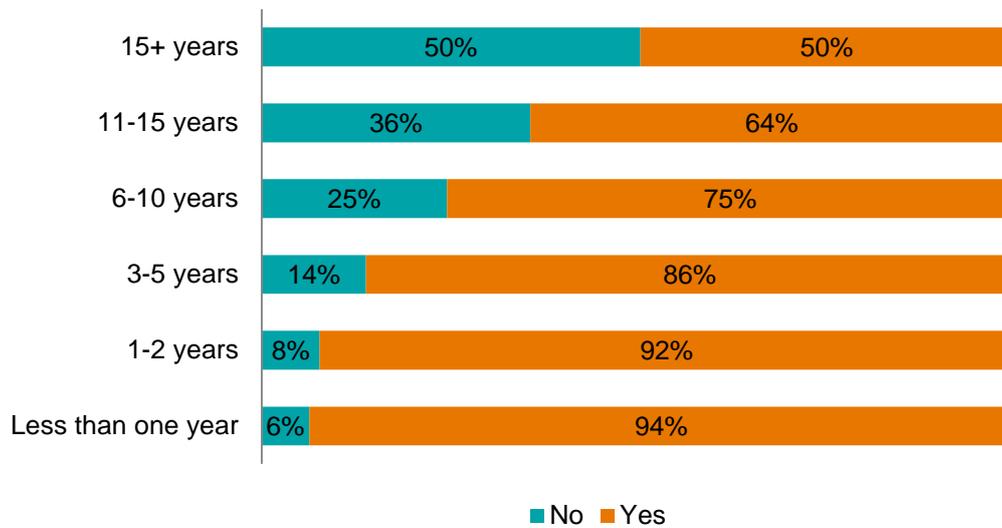
Total respondents: 2267

## Demand for peer reviewer training

Question: "If offered, would you participate in peer review training sessions in the future?"



Responses by years of reviewing experience



Total respondents: 2434



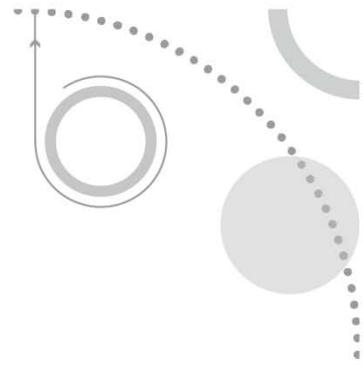
## Demand for specific areas of reviewer training

Question: "From the list below, please indicate which training sessions you would find beneficial"

Select up to 3

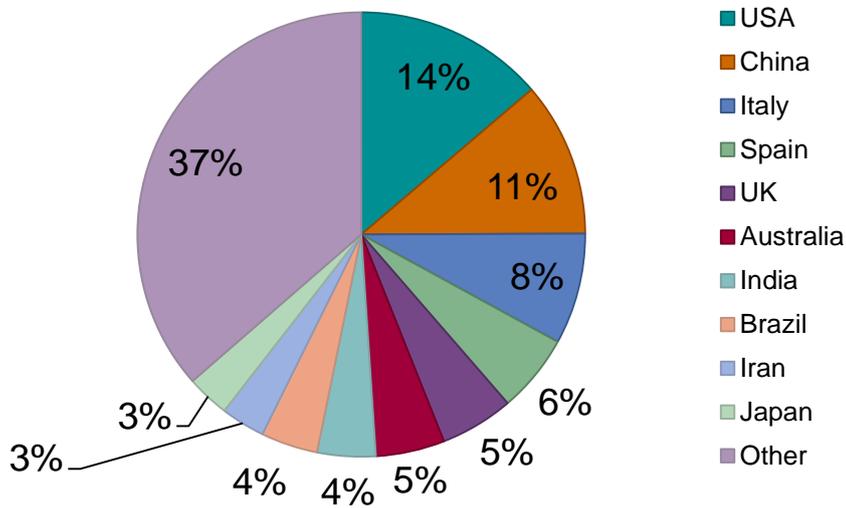


Total respondents: 1827



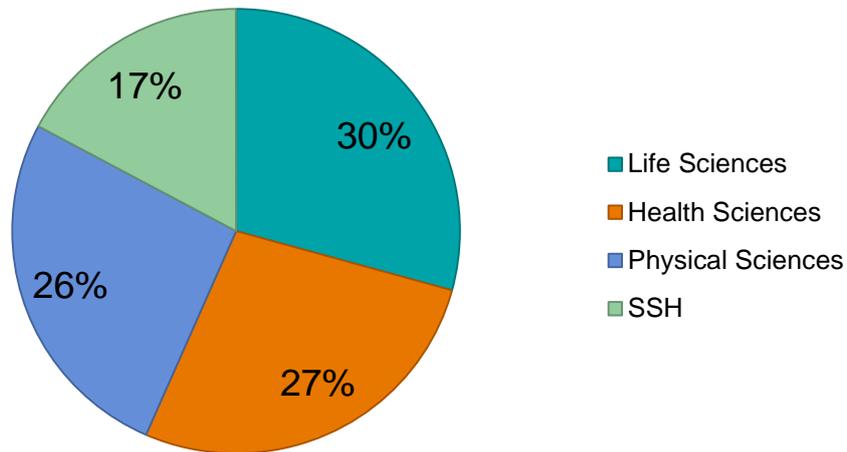
# Demographics

## Top-ten country representation

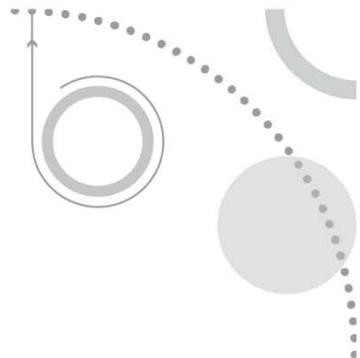


Total respondents: 2983

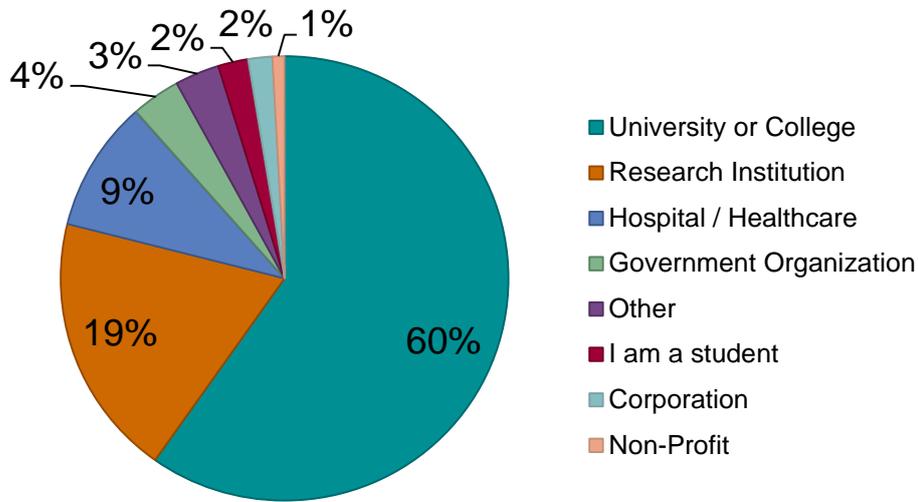
## Discipline



Total respondents: 2323

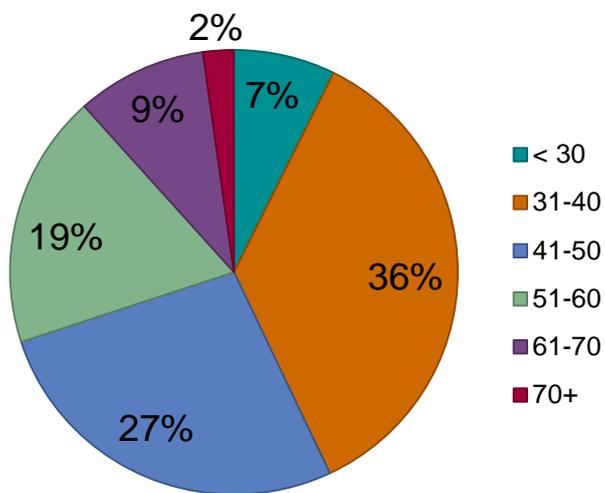


## Primary place of work



Total respondents: 2403

## Age of respondent



Total respondents: 1446