

# The ARRIVE Essential 10: Compliance Questionnaire

Use this questionnaire to evaluate how well a manuscript complies with the ARRIVE Essential 10. It can be applied to any manuscript describing comparative experiments in living animals, by assessors such as journal staff, editors, or peer reviewers.

Item	Question(s)	Answers
1 Study Design	Are all experimental and control groups clearly identified?	<input checked="" type="checkbox"/> Yes, for at least one experiment <input type="checkbox"/> No
	Is the experimental unit (e.g. an animal, litter or cage of animals) clearly identified?	<input checked="" type="checkbox"/> Yes, for at least one experiment <input type="checkbox"/> No
2 Sample Size	Is the exact number of experimental units in each group at the start of the study provided (e.g. in the format 'n=')?	<input checked="" type="checkbox"/> Yes, for at least one experiment <input type="checkbox"/> No
	Is the method by which the sample size was chosen explained?	<input checked="" type="checkbox"/> Yes, for at least one experiment <input type="checkbox"/> No
3 Inclusion & Exclusion Criteria	Are the criteria used for including and excluding animals, experimental units, or data points provided?	<input checked="" type="checkbox"/> Yes, for at least one experiment <input type="checkbox"/> No
	Are any exclusions of animals, experimental units, or data points reported, or is there a statement indicating that there were no exclusions?	<input checked="" type="checkbox"/> Yes, for at least one analysis <input type="checkbox"/> No
4 Randomisation	Is the method by which experimental units were allocated to control and treatment groups described?	<input type="checkbox"/> Yes, for at least one experiment <input checked="" type="checkbox"/> No - <i>N/A randomisation not feasible for groups</i>
5 Blinding	Is it clear whether researchers were aware of, or blinded to, the group allocation at any stage of the experiment or data analysis?	<input checked="" type="checkbox"/> Yes, for at least one experiment <input type="checkbox"/> No
6 Outcome Measures	For all experimental outcomes presented, are details provided of exactly what parameter was measured?	<input checked="" type="checkbox"/> Yes, for at least one experiment <input type="checkbox"/> No
7 Statistical Methods	Is the statistical approach used to analyse each outcome detailed?	<input checked="" type="checkbox"/> Yes, for at least one analysis <input type="checkbox"/> No
	Is there a description of any methods used to assess whether data met statistical assumptions?	<input checked="" type="checkbox"/> Yes, for at least one analysis <input type="checkbox"/> No <input type="checkbox"/> Not applicable
8 Experimental Animals	Are all species of animal used specified?	<input checked="" type="checkbox"/> Yes, for at least one experiment <input type="checkbox"/> No
	Is the sex of the animals specified?	<input checked="" type="checkbox"/> Yes, for at least one experiment <input type="checkbox"/> No <input type="checkbox"/> Not applicable to species
	Is at least one of age, weight or developmental stage of the animals specified?	<input checked="" type="checkbox"/> Yes, for at least one experiment <input type="checkbox"/> No
9 Experimental Procedures	Are both the timing and frequency with which procedures took place specified?	<input checked="" type="checkbox"/> Yes, for at least one experiment <input type="checkbox"/> No
	Are details of acclimatisation periods to experimental locations provided?	<input checked="" type="checkbox"/> Yes, for at least one experiment <input type="checkbox"/> No
10 Results	Are descriptive statistics for each experimental group provided, with a measure of variability (e.g. mean and SD, or median and range)?	<input checked="" type="checkbox"/> Yes, for at least one experiment <input type="checkbox"/> No <input type="checkbox"/> Not applicable to the type of data collected
	Is the effect size and confidence interval provided?	<input checked="" type="checkbox"/> Yes, for at least one experiment <input type="checkbox"/> No <input type="checkbox"/> Not applicable to the type of analysis used