

	25	5	10	5	10	10	10	10	15	100	
HW-ID	HW5Q1	HW5Q2	HW5Q3	HW5Q4	HW5Q5	HW5Q6	HW5Q7	HW5Q8	HW5Q9	HW5Grade	Comments on HW5 from TAs
1003	25	5	10	5	8	10	10	10	15	98	q5. need to interpret the model's odds ratio. q8. rather than doing it manually, you can add an option "type = "response"" into the predict fuction to get the probability directly//Excellent essay
1017	24	5	10	2	8	10	8	10	5	82	q3. conclusion can be more specified; female's odds but not probability is 1.2 times that of male's. q4. equation is not right. q5. need to interpret the model's odds ratio. q7. the odds ratio is associated with a 1-day change; need to present confidence interval. q9. need to test interaction; equation is not right.//Good essay. Grammar mistakes(1)
1085	25	5	10	5	10	10	8	10	15	98	q7. the odds ratio is associated with a 1-day change.// Excellent essay
1112	23	5	10	5	10	10	10	10	15	98	Good essay, talk about your experience in your field of expertise
1276	19	5	10	5	10	10	6	10	15	90	q6. no significant change after adjustment doesn't necessarily mean no confounding especially for common confounders. q7. missing interpretation. // Good essay, needs a better structure, grammar mistake(1)
1280	20	5	10	5	8	10	8	6	15	87	q5. need to interpret the model's odds ratio. q7. the odds ratio is associated with a 1-day change. q8. the value you got from predict fuction is the odds but not log-probability; you can add an option "type = 'response'" into the predict fuction to get the probability directly.//Good essay, needs to work on grammar
1416	20	5	8	3	6	8	6	6	8	70	q3. p is the probability (estimated by frequency) but not odds. q4-9. Since you didn't code your outcome in the right way, you had an inverse result.//Essay needs more information about your own experience
1452	25	5	10	3	8	10	7	6	8	82	q4,7-9. you didn't code the outcome in the right way. q5. need to interpret the model's odds ratio.
1478	18	3	10	2	6	10	8	6	12	75	q2. you had the right number in the R output but wrong in the interpretation. q4. please follow the formula of logistic regression to write your equation. q5. inverse interpretation. q7. bad interpretation. q8. you didn't code your outcome in the right way. q9. bad interpretation.//Good points, needs to work on grammar and structure
1514	22	5	10	5	10	10	10	10	15	97	Good essay, use an example of your field of expertise
1590	22	5	10	5	10	10	10	10	15	97	Good essay, address more the issue of what happened after you used social media// Great essay
1685	20	0	7	5	10	10	10	5	15	82	q1. 1570 subjects, q3. or is supposed to be 1.288; q8. wrong calculation// Good points but drifted away from the main topic
1699	21	5	5	5	10	10	10	5	15	86	q2. some steps in the inclusion and exclusion are missing. missing the cleaning led to incorrect results in the next questions // Good essay needs to talk more about the chang, some grammar mistakes(1)

	25	5	10	5	10	10	10	10	15	100	
HW-ID	HW5Q1	HW5Q2	HW5Q3	HW5Q4	HW5Q5	HW5Q6	HW5Q7	HW5Q8	HW5Q9	HW5Grade	Comments on HW5 from TAs
1704	20	5	10	4	5	8	6	5	12	75	q4. did not specify model equation. q5. did not provide the odds of asthma comparing females to males. q6. correct explanation, but citing the wrong value for odds of female asthma compared to male. q7. correct value, but did not describe the result appropriately (e.g. as days of physical activity increase from 4 to 7, we observe...). q8. right approach to calculation, but forgot to exponentiate your result to get the predicted probability. q9. could have compared models better using AIC, BIC, ANOVA - also did not specify regression model equation (see answer sketch for how model should be specified)// Grammar mistakes (4), good points, needs more information about your own experience/area of expertise
1713	16	0	7	2	5	6	5	6	8	55	q2. some steps in the inclusion and exclusion are missing. q3-9. Since you didn't do the data cleaning in the right way, all results are different. q4,9. the left side of the equation needs logit(). q5. interpretation needed. q6. more comments can be made on confidence interval and difference between two ORs although you got different numbers at the beginning. q7. wrong interpretation. q8. based on your estimates, you calculated logodds but not the probability.//Very short essay, needs to work on grammar
1716	25	5	10	5	10	10	10	10	10	95	Clean your output a little bit by hiding warnings and messages
1721	25	5	10	3	10	10	10	5	12	90	q4 + q7. correct model, but coefficients have incorrect sign since outcome was coded incorrectly.// Very good essay
1785	18	0	8	3	7	5	7	5	8	61	q2. some steps in the inclusion and exclusion are missing. missing the cleaning led to incorrect results in the next questions but the trial was ok. q9. did not compare. //Very short essay, needs more information about your own experience
1825	25	5	10	5	8	10	10	10	15	98	q5. need to mention that the difference in sex is not statistically significant// Very interesting essay
1929	22	5	10	5	10	10	10	10	8	90	q9. did not compare to the other model.// Good essay, use an example of your field of expertise
1991	22	5	8	5	10	8	8	10	15	91	q3. question asked for odds of females compared to males q4. your model coefficients are in the wrong direction since outcome coded incorrectly (see answer sketch) q6. sex was not significant even prior to controlling for other variables. q8. explanation is close to correct, but should state there is an increase in odds given a 1 day increase in physical activity while all other variables are held constant- see answer sketch// Good essay, needs more information about your own experience/area of expertise
2039	16	5	8	5	10	10	10	10	12	86	q3. no label specified; significance not interpreted. q9. better specify the statistics that support your conclusion// Essay drifted away from the topic, wasn't very clear, needs to work on grammar

	25	5	10	5	10	10	10	10	15	100	
HW-ID	HW5Q1	HW5Q2	HW5Q3	HW5Q4	HW5Q5	HW5Q6	HW5Q7	HW5Q8	HW5Q9	HW5Grade	Comments on HW5 from TAs
2064	20	0	7	3	6	8	5	6	5	60	q2. imputation needed. q3-9. since you didn't impute the data, all results are different based on the data. q4. wrong equation. q7. for odds ratio, 1 should be the cutoff but not 0 to determine significance. q9. model2 output is missing in the html file.//Good essay, talk about the applications to your field and own experience
2137	19	0	5	3	10	10	10	5	12	74	q2. problem with your filtering technique - refer to answer sketch q3. set-up contingency table, but did not find the cross-product odds ratio (see answer key) q4. model coefficients are in opposite direction of answer sketch since outcome variable coded incorrectly. model equation specified nicely. q8. probability > 1 when probabilities should be between 0 and 1 - this is due to incorrect coding of outcome variable (see answer sketch). q9. did not provide an explanation of how they were compared// Grammar mistakes, good points, needs more information about your own experience/area of expertise
2171	20	5	10	5	10	10	10	10	15	95	Thank you for making essays for each question a, b and c. All essays by themselves where short and needed more content
2230	22	5	5	4	10	10	10	10	5	81	q3. not used the 2x2 table but the result was right. q9. didnt fit the models. Missing the equation// Good essay , some grammar mistakes(3)
2277	22	5	8	3	8	8	10	10	12	86	q3. no label specified. q4. you didn't code the outcome in the right way. q5. need to interpret the model's odds ratio. q6. your conclusion is not true. q9. you didn't code the outcome in the right way. // Good essay, some grammar mistakes (3)
2369	22	0	0	3	8	10	7	10	9	69	q3 wrong approach and wrong answer// Good essay will be good to talk about an example in your field of expertise
2384	20	5	0	3	0	5	6	10	5	54	q3. did not set up a contingency table as question asked. q4. did not specify the model and direction of coefficients inversed due to variable coding issues. q5. you do not specify the requested odds ratio - unsure which odds ratio you are attempting to specify. q6. did not compare the results of odds ratios in q3 and q5. q7. reported the corrects odds ratio, but did not describe its interpretation clearly (see answer sketch). q9. correctly create new variable, but do not compare two models// Short essay with good points but drifted away from the main topic.
2389	22	5	9	5	8	10	10	10	12	91	q3. your conclusion is right but the question is asking for the opposite direction of the association. q5. need to interpret the model's odds ratio. q9. the outcome of the equation is not right.//Share a little bit more about your experience
2426	20	5	10	4	5	8	7	6	8	73	q4. need to specify the equation of the model. q5-9. Since you didn't code your outcome in the right way, you had an inverse result. q7. the odds ratio is associated with a 1-day change. q9. need to specify the equation.//In the essay sentence #4 has some mistakes, important to mention your own experience

	25	5	10	5	10	10	10	10	15	100	
HW-ID	HW5Q1	HW5Q2	HW5Q3	HW5Q4	HW5Q5	HW5Q6	HW5Q7	HW5Q8	HW5Q9	HW5Grade	Comments on HW5 from TAs
2462	25	5	10	2	5	8	8	6	8	77	q4. you didn't code the outcome in the right way; for the equation, you don't need to exponentiate those coefficients. q5-9. Since you didn't code your outcome in the right way, you had an inverse result. q8. to get the probability, add an option "type = 'response'" into the predict fuction. q9. the equation mentioned in the question is the mathematical equation but not the one in R code.//Excellent essay
2512	25	5	10	5	10	10	10	10	15	100	Clean your output a little bit by hiding warnings and messages// Verry good essay
2569	22	5	10	5	6	0	10	10	15	83	q5 and q6. odds of asthma of female compared to male does not switch (see answer sketch)// Good essay, needs more infromation about your own experience/area of expertise
2688	20	5	9	5	4	10	5	10	15	83	q3. missing 95%CI; q5 need to specify OR and 95%CI. q7. you are missing the odds ratio itself, need to mention that or is associated with 1 day change. Clean your output a little bit by hiding warnings and messages//Good points, needs to work on grammar and structure
2719	20	5	10	5	8	5	10	10	15	88	q6. need to specify that neither group ended up being significant. Clean your output a little bit by hiding warnings and messages // Good essay, use an example of your field of expertise
2741	18	5	5	2	5	5	5	5	11	61	q3. set up table incorrectly. q4. physical activity variable is incorrectly coded as a factor. q5. did not exponentiate your confident interval. q7. right interpretation, but variable coded incorrectly // Short essay with good points but drifted away from the main topic, needs to work on grammar
2875	21	5	10	5	10	10	10	10	15	96	Great essay but drifted a little bit from the topic: "the reproducibility debate is over." Grammar mistakes (1)
2915	0	5	10	5	10	10	10	10	15	75	No essay
2916	20	5	10	5	8	10	10	10	15	93	q5. need to comment on the significance. q7. better to state that "the odds is 8% smaller".//Essay needs more information about your own experience
2989	22	5	10	5	10	10	10	5	15	92	q8. right idea trying to calculate the answer using your equation, but your calculation didn't come out right - reference the answer sketch for how you can use the "predict" function to get a more accurate calculation // Good essay, needs more infromation about your own experience/area of expertise