

## Problem Sets Afer Test 2

*Only turn in problems that are **not** bracketed.* Bracketed problems are additional problems you can look at. Round brackets indicate problems that may help you with problems that are assigned; square brackets are additional problems on material that you should know, but you are not required to write up solutions; curly brackets are truly optional and may contain extra nuggets that you will not be required to know but may be interested in.

Additional assignments will be filled in over time.

PS	Due	Source	Problems
13	Thu 4/2	FASt C FASt 6	<b>19</b> $AA^T$ <b>21</b> inverse/transpose [15] $t^2 = F$ <b>17</b> $r^2$ <b>21</b> hat matrix <b>33acd</b> Anscombe [34] SE
14	Mon 4/16	FASt 6	<b>18</b> another interval <b>22-23</b> more hat matrix [24] still more hat matrix <b>37</b> ACT/gpa
15	Fri 4/20	FASt 6	<b>27a-d</b> transformations <b>35</b> effects <b>36</b> ANOVA table <b>38-39</b> drag
16	Tue 4/24	FASt 6	<b>30</b> pendulum [31] pressure <b>32</b> corn <b>44</b> corn <b>56</b> categorical predictors
17	Fri 4/27	FASt 6	<b>53</b> buckthorn <b>54</b> probit
18	Tue 5/8	FASt 7	<b>4a-c</b> QR <b>14</b> model comparisons <b>15</b> soap <b>16</b> people <b>18</b> people <b>25</b> pets [4d-f] QR [17] SAT-ACT [19-20] people Chapter 7 problems are available <a href="#">here</a> .