

# HUDM 5123 - Linear Models and Experimental Design

## Lab 04 - Continuous Predictors and ANCOVA

Use the acupuncture data to replicate the following analyses discussed in lecture.

**Task 1** *The test for interaction between migraine and acupuncture treatment group.*

**Task 2** *The follow-up tests for (a) the simple effect of treatment group on the outcome given migraine diagnosis and (b) the simple effect of treatment group assignment on the outcome given stress-type diagnosis.*

**Task 3** *The analysis of main effects.*

**Task 4** *Put the information from the test of interaction and main effects in an ANOVA table.*