**Sowden et al. Regulating mirroring of emotions: a social-specific mechanism?**

Notes on datafiles:

**Experiment 1** (Sowden\_etal\_Expt1.sav)

Mean painfulness ratings were calculated for each participant for each condition and it is these mean painfulness ratings which are presented in the datafile.

**Experiments 2 and 3** (Sowden\_etal\_Expt2.sav & Sowden\_etal\_Expt3.sav)

For each participant, error trials, and trials where response times were more than 2.5SD from the participant’s mean, were removed prior to calculation of mean response times for each condition. It is these mean response times which are presented in the datafiles, along with the error rates, for each condition.

The ability to regulate responses to others’ pain was calculated by subtracting no-pain from pain response times, yielding an ‘empathic interference effect’, for biological and non-biological stimuli. These are the final two columns in the datafiles and are also contained in experiment2\_biological\_nonbiological.csv & experiment3\_biological\_nonbiological.csv for use in graph creation.

Find SPSS syntax files for each experiment with the same names (e.g. Sowden\_etla\_Exp1.sps) in the script folder, as well as an R script used to create graphs reported in Figure 2.