# **S1 Search strategy for Medline**

Medline Ovid

1 Borderline Personality Disorder/

2 ((borderline or border‐line) adj3 (state\* or personalit\*)).kf,tw.

3 ("Axis II" or "Cluster B" or flamboyant or "F60.3" or "F60.30" or "F60.31").kf,tw.

4 (idealization adj5 devaluation).kf,tw.

5 ((vulnerable or hyperbolic) adj3 temperament).kf,tw.

6 (((unstab\* or instab\* or poor or disturb\* or fail\* or weak or dysregulat\*) adj3 (self\* or impuls\* or interperson\* or identit\* or relationship\* or emotion\* or affect\*)) and (personality or character or PD)).kf,tw.

7 (impulsiv\* adj5 (behavio?r or character or personalit\*)).kf,tw.

8 (self adj3 (injur\* or damag\* or destruct\* or harm\* or hurt\* or mutilat\*)).kf,tw.

9 (suicidal adj3 behavio?r).kf,tw.

10 (feel\* adj3 (empt\* or bored\*)).kf,tw.

11 (anger adj5 control\*).kf,tw.

12 (risk‐taking adj3 behavio?r).kf,tw.

13 or/1‐12

14 randomised controlled trial.pt.

15 controlled clinical trial.pt.

16 randomi#ed.ab.

17 placebo.ab.

18 randomly.ab.

19 trial.ab.

20 groups.ab.

21 drug therapy.fs.

22 or/14‐21

23 exp Animals/ not Humans/

24 22 not 23

25 13 and 24