| Study                         | N(Drug, Pla) | Drug, dose               | SMD [95% CI]         | Decrease reward<br>learning/sensitivity | Increase reward learning/sensitivity |
|-------------------------------|--------------|--------------------------|----------------------|---|--------------------------------------|
| Colwell, 2024 <sup>107</sup>  | 26, 27       | Fenfluramine 15mg b.i.d. | -0.03 [-0.57, 0.51]  | -                                       | -                                    |
| Michely, 2022 <sup>108</sup>  | 33, 33       | Citalopram 20mg/day      | -0.66 [-1.16, -0.17] |   |                                      |
| Jepma, 2010 <sup>109</sup>    | 16, 17       | Citalopram 30mg          | -0.04 [-0.72, 0.64]  | -                                       | _                                    |
| Luo, 2024 <sup>110</sup>      | 32, 33       | Escitalopram 20mg        | -3.28 [-4.02, -2.54] | -                                       |                                      |
| Finger, 2007 <sup>111</sup>   | 16, 19       | TD                       | 0.59 [-0.09, 1.27]   |   | -                                    |
| Cools, 2008 <sup>112</sup>    | 12           | TD                       | -0.02 [-0.49, 0.46]  | -                                       | -                                    |
| Robinson, 2012 <sup>114</sup> | 21, 20       | TD                       | -0.31 [-0.93, 0.30]  | -                                       | _                                    |
| Seymour, 2012 <sup>115</sup>  | 15, 15       | TD                       | 1.02 [ 0.26, 1.78]   |   | <b>—</b>                             |
| Gilger, 2024 <sup>116</sup>   | 98, 98       | TD                       | 0.03 [-0.25, 0.31]   |   |                                      |
| Random-effects meta-analysis: |              | -0.29 [-1.06, 0.48]      |                      | >                                       |                                      |
|                               |              |                          |                      |   |                                      |
|                               |              |                          |                      |   |                                      |

SMD (95% CI)