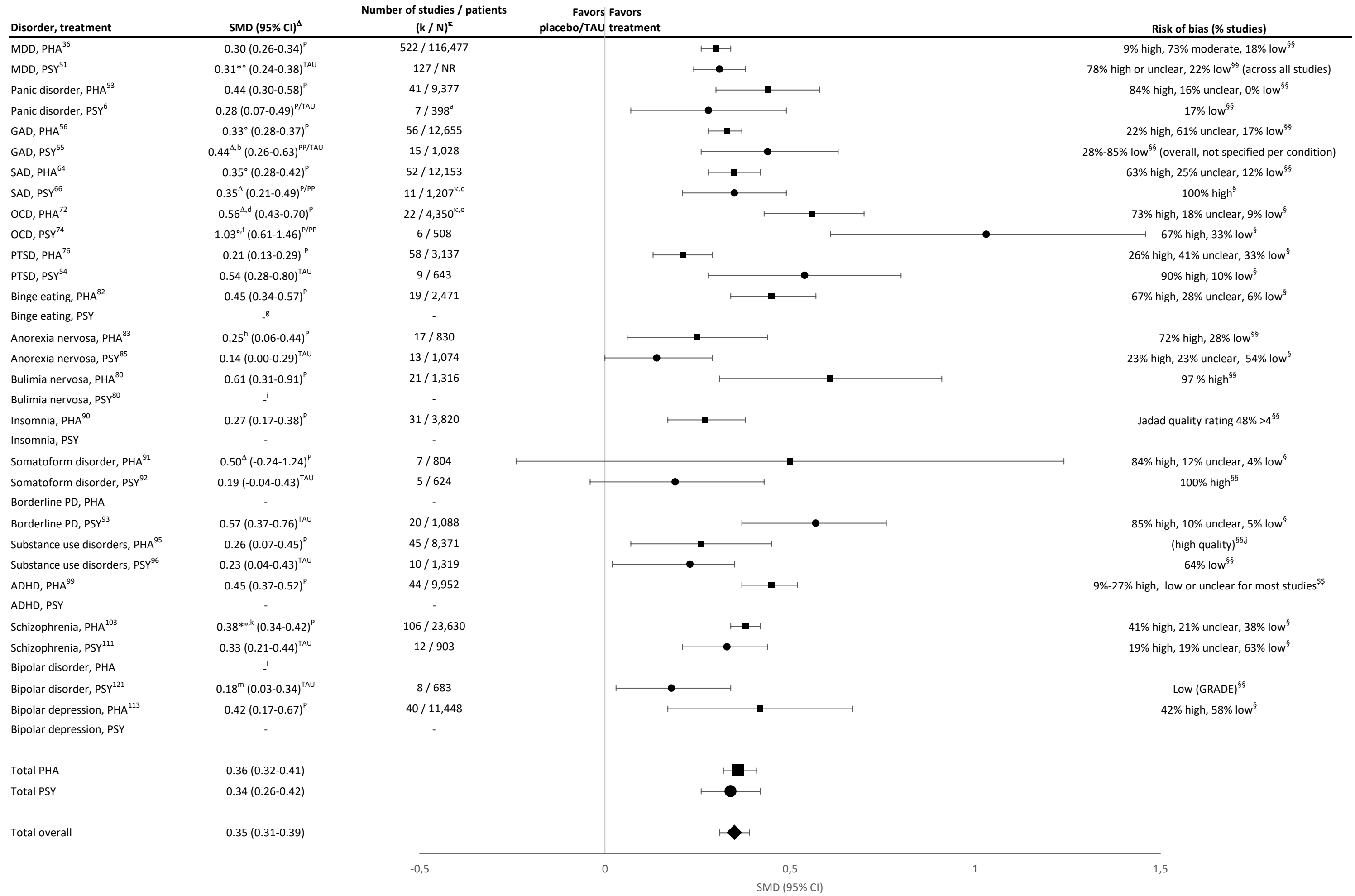


Supplement: Figures 2-4 with annotations

Figure 2 Effect sizes in the largest meta-analyses of pharmacotherapies (squares) and psychotherapies (circles) in comparison to placebo or treatment as usual (TAU) ^{oo}



Note

ADHD: attention deficit hyperactivity disorder; GAD: generalized anxiety disorder; MDD: major depressive disorder; NR: not reported; OCD: obsessive compulsive disorder; P: pill placebo; PD: personality disorder; PHA: pharmacotherapy; PP: psychological placebo; PSY: psychotherapy; PTSD: posttraumatic stress disorder; SAD: social anxiety disorder; SMD: standardized mean difference

^{oo} if an available network meta-analysis contained few direct comparisons for a specific condition, we present results of a standard meta-analysis if the latter contained more relevant studies (results of the network meta-analyses concerned can be found in table S1)

^k if network meta-analyses did not report an overall effect size across treatments, we present k and N of the available direct comparisons of relevance

[^] if a (network) meta-analysis reported multiple results for different treatments, we meta-analytically calculated an aggregated mean effect across the relevant treatments (all other data can be found in table S1)

^{*} adjusted for risk of bias by the authors of the respective meta-analysis (e.g., evaluation of high-quality studies only)

[°] adjusted for small-study effects by the authors of the respective meta-analysis

[§] risk of bias rating: overall risk of bias of a meta-analysis was rated as high if at least one domain was rated as high by the authors of the meta-analysis; overall risk of bias was rated as low if most domains were rated as low (e.g. 3 of 4 or 4 of 6) and none was rated as high and overall risk of bias was rated as unclear if most domains were rated as unclear and none was rated as high, following Higgins et al. (Br Med J 2011; 343: d5928)

^{§§} risk of bias / quality judgment as reported by the authors of the respective meta-analysis

^a N not reported, estimated from included trials⁶

^b the large effect size of 1.44 in comparison to pill placebo was not regarded as reliable by Carl et al. (p. 12).⁵⁵ Correspondingly, we only present the effects in comparison to psychological placebo and treatment as usual

^c the total number of studies / patients included in this network meta-analysis is 101/13,164⁶⁶

^d we calculated SMDs by dividing the mean differences reported by Skapinakis et al. excluding waiting list controlled trials by the pooled standard deviation of the YBOCS mean post-therapy across all treatments ($SD_{pooled}=7.11$)⁷²

^e the total number of studies / patients included in this network meta-analysis is 54/6,652⁷²

^f as CIs were not reported for adjusted SMDs, the CI of the unadjusted SMDs are presented here⁷⁴

^g for psychotherapy of binge eating, the included meta-analyses reported only data for mixed controls.^{81,82} Thus, no effect for psychotherapy was available

^h since de Vos et al. identified one study as an outlier, we present data with the outlier removed.⁸³ As CIs were not reported for the SMD with the outlier removed, the CI of the SMD across all studies is used here

ⁱ for psychotherapy of the Svaldi et al. meta-analysis included only comparisons with waiting list⁸⁰

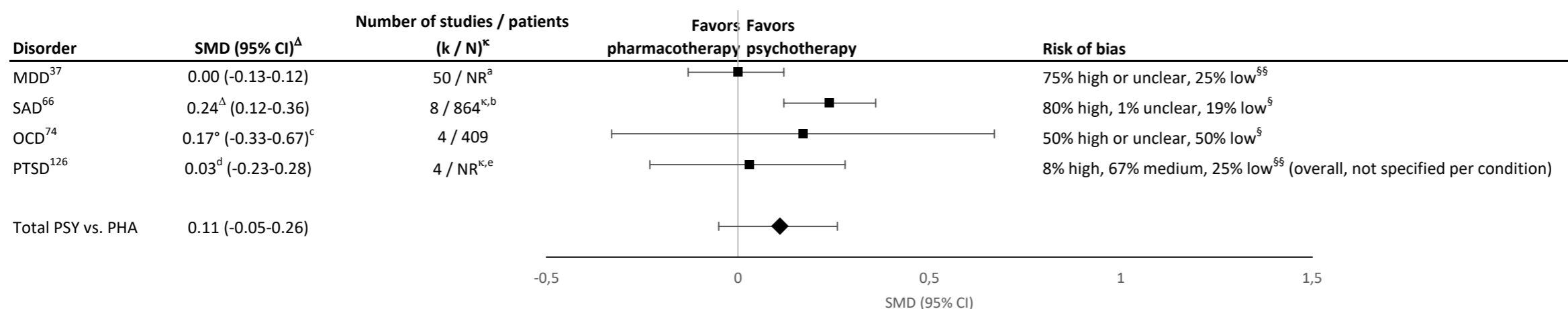
^j information on quality of included trials was only available for studies on naltrexone (i.e., 100% high quality), not for studies on acamprosate⁹⁵

^k personal communication Maximilian Huhn, 22 August 2019¹⁰³

^l for drug treatment of bipolar disorder no valid meta-analysis reporting SMDs was available

^m the reported effect size refers to individual PT (additional data on group PT can be found in table S1)¹²¹

Figure 3 Effect sizes in the largest meta-analyses for head-to-head comparisons of psychotherapies (PSY) vs. pharmacotherapies (PHA) [∞]



Note

MDD: major depressive disorder; NR: not reported; OCD: obsessive compulsive disorder; PHA: pharmacotherapies; PSY: psychotherapies; PTSD: posttraumatic stress disorder; SAD: social anxiety disorder; SMD: standardized mean difference

[∞] if an available network meta-analysis contained few direct comparisons for a specific condition, we present results of a standard meta-analysis if the latter contained more relevant studies (results of the network meta-analyses concerned can be found in table S1)

^k if network meta-analyses did not report an overall effect size across treatments, we present k and N of the available direct comparisons of relevance

^Δ if a (network) meta-analysis reported multiple results for different treatments, we meta-analytically calculated an aggregated mean effect across the relevant treatments (all other data can be found in table S1)

[°] adjusted for small-study effects by the authors of the respective meta-analysis

[§] risk of bias rating: overall risk of bias of a meta-analysis was rated as high if at least one domain was rated as high by the authors of the meta-analysis; overall risk of bias was rated as low if most domains were rated as low (e.g. 3 of 4 or 4 of 6) and none was rated as high and overall risk of bias was rated as unclear if most domains were rated as unclear and none was rated as high, following Higgins et al. (Br Med J 2011; 343: d5928)

^{§§} risk of bias / quality judgment of the authors of the respective meta-analysis

^a the total number of studies / patients included in this meta-analysis is 101/11,910³⁷

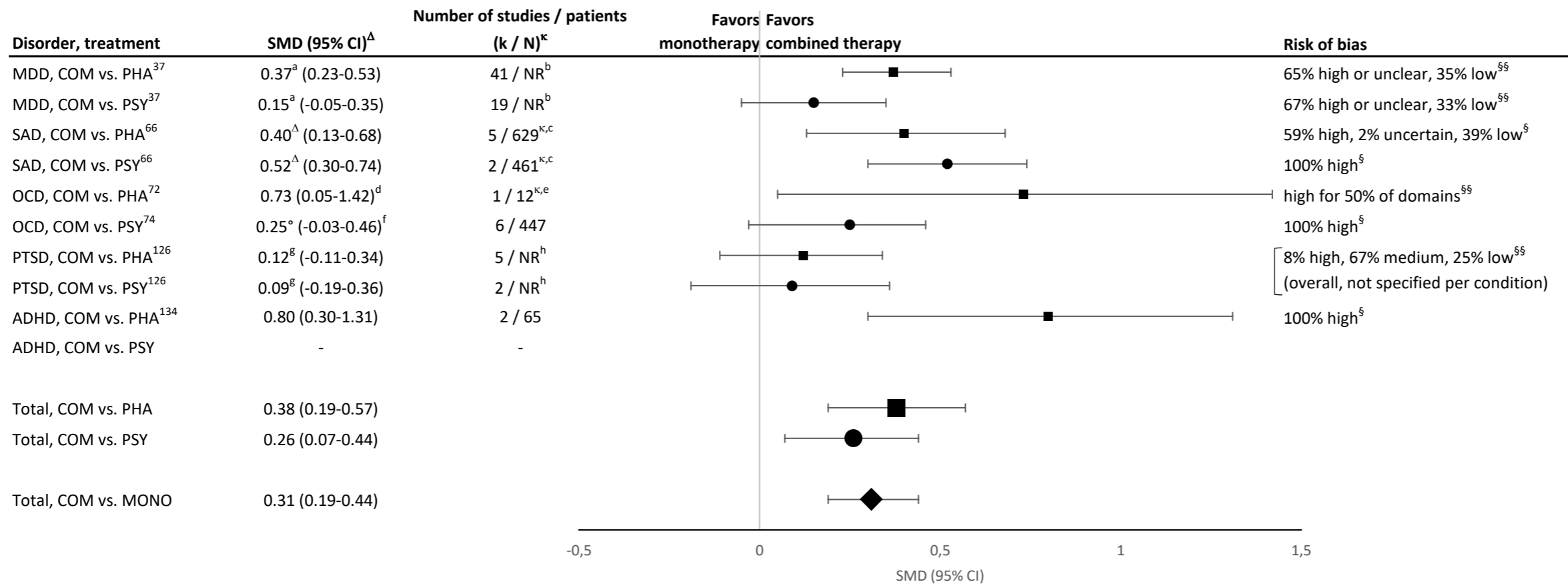
^b the total number of studies / patients included in this network meta-analysis is 101/13,164⁶⁶

^c as CIs were not reported for adjusted SMDs, the CI of the unadjusted SMDs are presented here⁷⁴

^d the reported effect size refers to short-term effects (additional data on long-term effects can be found in table S1)¹²⁶

^e the total number of studies / patients included in this network meta-analysis is 12/922¹²⁶

Figure 4 Effect sizes in the largest meta-analyses for combined therapy vs. pharmacological (squares) or psychological (circles) monotherapy[∞]



Note

ADHD: attention deficit hyperactivity disorder; COM: combined therapy; MDD: major depressive disorder; MONO: monotherapy; NR: not reported; OCD: obsessive compulsive disorder; PHA: pharmacotherapy; PSY: psychotherapy; PTSD: posttraumatic stress disorder; SAD: social anxiety disorder; SMD: standardized mean difference

[∞] if an available network meta-analysis contained few direct comparisons for a specific condition, we present results of a standard meta-analysis if the latter contained more relevant studies (results of the network meta-analyses concerned can be found in table S1)

^k if network meta-analyses did not report an overall effect size across treatments, we present k and N of the available direct comparisons of relevance

^Δ if a (network) meta-analysis reported multiple results for different treatments, we meta-analytically calculated an aggregated mean effect across the relevant treatments (all other data can be found in table S1)

[°] adjusted for small-study effects by the authors of the respective meta-analysis

[§] risk of bias rating: overall risk of bias of a meta-analysis was rated as high if at least one domain was rated as high by the authors of the meta-analysis; overall risk of bias was rated as low if most domains were rated as low (e.g. 3 of 4 or 4 of 6) and none was rated as high and overall risk of bias was rated as unclear if most domains were rated as unclear and none was rated as high, following Higgins et al. (Br Med J 2011; 343: d5928)

^{§§} risk of bias / quality judgment of the authors of the respective meta-analysis

^a the reported effect size refers to short-term effects (additional data on long-term effects can be found in table S1)¹³²

^b the total number of studies / patients included in this meta-analysis is 101/11,910³⁷

^c the total number of studies / patients included in this network meta-analysis is 101/13,164⁶⁶

^d we calculated SMDs by dividing the mean differences reported by Skapinakis et al. excluding waiting list controlled trials by the pooled standard deviation of the YBOCS mean post-therapy across all treatments ($SD_{pooled}=7.11$)⁷²

^e the total number of studies / patients included in this network meta-analysis is 54/6,652⁷²

^f as CIs were not reported for adjusted SMDs, the CI of the unadjusted SMDs are presented here⁷⁴

[§] the reported effect size refers to short-term effects (additional data on long-term effects can be found in table S1)¹²⁶

^h the total number of studies / patients included in this network meta-analysis is 12/922¹²⁶