Supplementary Material

Figure S1 – Publication bias analysis with funnel plots:
Twelve funnel plots for publication bias analysis, with each row corresponding to an outcome cluster (appearance, body, wellbeing, distress, sensitivity, dysregulations), and columns showing the original (left) and trim-and-fill adjusted (right) plots.

Table S1 – Publication bias analysis for each outcome cluster.

Cluster	k	Intercept	SE	95% CI	p	g obs.	g adj.	k imputed
body	10	0.22	0.21	[-0.20, 0.63]	0.301	0.32	0.32	0
wellbeing	7	0.08	0.34	[-0.58, 0.75]	0.811	0.09	0.09	0
distress	13	-0.08	0.10	[-0.28, 0.12]	0.429	0.25	0.25	0
appearance	11	0.14	0.22	[-0.28, 0.57]	0.504	0.28	0.28	0
sensitivity	5	0.25	0.33	[-0.40, 0.89]	0.458	0.28	0.28	0
dysregulations	6	0.65	0.26	[0.13, 1.17]	0.014	0.44	0.48	1

Notes. *Intercept, SE, 95% CI,* and *p* are from Egger's regression test for funnel plot asymmetry. *g obs.* is the observed pooled effect size; *g adj.* is the adjusted pooled effect after trim-and-fill. *k imputed* is the number of studies imputed by trim-and-fill.

Appendix A – Search strings per database

PUBMED
("dating app"[ti] OR "mobile dating"[ti] OR "online dating"[ti] OR Tinder[ti] OR Bumble[ti] OR Grindr[ti] OR Hinge[ti] OR Badoo[ti] OR OkCupid[ti]) AND ("mental health"[ti] OR "mental illness"[ti] OR "mental well*"[ti] OR emoti*[ti] OR affect*[ti] OR anxi*[ti] OR depress*[ti] OR suicid*[ti] OR "self-harm*"[ti] OR mood[ti] OR stress[ti] OR distress[ti] OR "well-being"[ti] OR wellbeing[ti] OR "life satisfaction"[ti] OR "quality of life"[ti] OR "self-esteem"[ti] OR "self concept"[ti] OR "self-worth"[ti] OR "self worth"[ti] OR "body image"[ti] OR "body dissatisfaction"[ti] OR "body satisfaction"[ti] OR "body esteem"[ti] OR "body dysmorph*"[ti] OR "body aware*"[ti] OR "body shame"[ti] OR "body percept*"[ti] OR "weight control"[ti] OR compulsi*[ti] OR "problem* use"[ti] OR addict*[ti] OR depend*[ti] OR reject*[ti] OR sensitiv*[ti] OR isolat*[ti] OR lonel*[ti] OR symptom*[ti] OR disorder*[ti])

PSYCINFO
((dating app* or swiping app* or swipe-based dating or mobile dating or online dating or geolocation dating or Tinder or Bumble or Grindr or Hinge or Badoo or OkCupid or Plenty of Fish or Feeld or Jaumo) and (mental health or mental illness or mental well* or emoti* or affect* or anxi* or depress* or suicid* or self-harm* or mood or stress or distress or well-being or wellbeing or life satisfaction or quality of life or self-esteem or self concept or self-worth or self worth or body image or body dissatisfaction or body satisfaction or body esteem or body dysmorph* or body aware* or body shame or body percept* or weight control or compulsi* or problem* or addict* or depend* or reject* or sensitiv* or isolat* or lonel* or symptom* or disorder*)).ti.

SCOPUS
TITLE ("dating app*" OR "swiping app*" OR "swipe-based dating" OR "mobile dating" OR "online dating" OR "geolocation dating" OR tinder OR bumble OR grindr OR hinge OR badoo OR okcupid OR "Plenty of Fish" OR feeld OR jaumo) AND TITLE ("mental health" OR "mental illness" OR "mental well*" OR emoti* OR affect* OR anxi* OR depress* OR suicid* OR "self-harm*" OR mood OR stress OR distress OR "well-being" OR wellbeing OR "life satisfaction" OR "quality of life" OR "self-esteem" OR "self concept" OR "self-worth" OR "self worth" OR "body image" OR "body dissatisfaction" OR "body satisfaction" OR "body esteem" OR "body dysmorph*" OR "body aware*" OR "body shame" OR "body percept*" OR "weight control" OR compulsi* OR "problem* use" OR addict* OR depend* OR reject* OR sensitiv* OR isolat* OR lonel* OR symptom* OR disorder*)

WOS
TS=("dating app*" OR "swiping app*" OR "swipe-based dating" OR "mobile dating" OR "online dating" OR "geolocation dating" OR Tinder OR Bumble OR Grindr OR Hinge OR Badoo OR OkCupid OR "Plenty of Fish" OR Feeld OR Jaumo) AND TS=("mental health" OR "mental illness" OR "mental well*" OR emoti* OR affect* OR anxi* OR depress* OR suicid* OR "self-harm*" OR mood OR stress OR distress OR "well-being" OR wellbeing OR "life satisfaction" OR "quality of life" OR "self-esteem" OR "self concept" OR "self-worth" OR "self worth" OR "body image" OR "body dissatisfaction" OR "body satisfaction" OR "body esteem" OR "body dysmorph*" OR "body aware*" OR "body shame" OR "body percept*" OR "weight control" OR compulsi* OR "problem*" OR addict* OR depend* OR reject* OR sensitiv* OR isolat* OR lonel* OR symptom* OR disorder*)