Figure 3. Flowchart showing the logic behind the scoring method to obtain a consensus global inference from multicentre results. The first step involves examining the number of centres performing the test; when there are more than 3 centres, the consensus score is calculated. Provided $-log(s) > 0$, a multicentre consensus signal is established (accepted) and the direction of sexual dimorphism based on the sign of the average effect sizes is reported.