Supplementary Material: Data Extraction of Meta-Analysis

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| Reference  | Total sample number | Place of study | Mean age (SD) or age range | Gender distribution | OCD parameters (measurement tool) | Study Population | OCD prevalence | OCD prevalence in females | OCD prevalence in males |
| **E. Darvishi et al, 2020** (1) | N = 150 | Iran | Mean age of Females: 16.37 /Mean age of Males: 16.97 | 35.3% (53) Male/ 64.7% (97) Female | Maudsley Obsessive-Compulsive Inventory Questionnaire (MOCI) | High school and pre-university students (13-19 years) | 67.3% | 72.1% | 60.3% |
| **S. L. McKune et al, 2021**(2) | N = 280 | United States | No Data (K-12 Students) | 48% (135) Male/ 51.8% (145) Female | A set of categorical questions (5-pointLikert scale) for each symptom of OCD | K-12 Students | 32.1% | 37.9% (55) | 25.9% (35) |
| **M. Aftab et al, 2021** (3) | N = 418 | All over the world | 84.7% in range >=2512.2% in range 20-30 | 34.9% (146) Male/ 65.1% (272) Female | Zohar–Fineberg Obsessive Compulsive Screen (ZF-OCS) | Undergraduate and postgraduate medical students | 53.8% (225) | - | - |
| **A. J. L. Munk, 2020** (4) | N = 949 | Germany | Mean age of 28.9 ± 10.8 | 19.9% (189) Male/ 79.5% (754) Female/0.6% (6) Non-binary | German version of OCI-R (Obsessive Compulsive Inventory Revised) | Members of Justus-Liebig University of Giessen, Germany | 21.4% | - | - |
| **Y. Zheng et al, 2020** (5) | N = 541 | China | 44.7% in range 25- 3423.7% in range 15-24 | 42.5% (230) Male/ 57.5% (311) Female | Yale-Brown Obsessive-Compulsive Scale (Y-BOCS) | General Population | 17.93% (97) | 18.33% (57) | 17.39% (40) |
| **T. M. J. Taher et al, 2021** (6) | N = 1644 | Iraq | Mean age of 20.73 ± 1.83 | 32.1% (528) Male/ 67.9% (1116) Female | Arabic version of Obsessive- Compulsive Inventory – Revised (OCI-R) | Medical students | 43% | 43.99% (491) | 40.90% (216) |
| **N. Al Husseini et al, 2021** (7) | Cross-sectional studyN = 2186 | Saudi Arabia | 28.4% in range 25-3522.1% in range 18-2421.9% in range 36-45 | 39.5% (864) Male/ 60.5% (1322) Female | Obsessive- Compulsive Inventory – Revised (OCI-R) | General Population | 62.4% | 59.2% (783) | 67.4% (582) |

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