**NMA on PTSD**

**Appendix 8**

NMA results for the two secondary outcomes

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **PHE** | 1.32  (0.10, 17.58) | 1.69  (0.21, 13.46) | \_ | 2.75  (0.48, 15.58) | 2.92  (0.43, 19.87) | 2.97  (0.27, 33.09) | 3.24  (0.55, 19.01) | 1.16  (0.24, 5.45) | 1.63  (0.21, 12.63) | 0.48  (0.03, 8.23) | 5.63  (0.57, 55.85) | 3.08  (0.51, 17.68) | 3.68  (0.54, 24.88) | \_ | **5.83**  **(0.84, 40.33)** | **5.63**  **(1.08, 29.44)** | \_ | \_ | 2.25  (0.10, 53.24) |
| 5.26  (0.09, 303.28) | **MIR** | 1.28  (0.12, 13.08) | \_ | 2.10  (0.27, 15.98) | 2.22  (0.25, 19.46) | 2.26  (0.16, 30.91) | 2.48  (0.32, 19.44) | 0.88  (0.07, 11.27) | 1.24  (0.12, 12.34) | 0.37  (0.02, 7.47) | 4.28  (0.35, 52.67) | 2.31  (0.29, 18.13) | 2.82  (0.32, 24.85) | \_ | 4.43  (0.50, 39.43) | 4.28  (0.60, 30.65) | \_ | \_ | 1.71  (0.06, 47.46) |
| 13.94  (0.69, 281.75) | 2.65  (0.06, 116.13) | **OLA** | \_ | 1.64  (0.43, 6.24) | 1.73  (0.37, 8.09) | 1.77  (0.21, 14.73) | 1.94  (0.49, 7.70) | 0.68  (0.09, 5.18) | 0.97  (0.17, 5.38) | 0.29  (0.02, 3.84) | 3.35  ( 0.46, 24.45) | 1.80  (0.45, 7.20) | 2.20  (0.47, 10.38) | \_ | 3.46  (0.73, 16.48) | 3.45  (0.97, 11.53) | \_ | \_ | 1.34  (0.07, 25.53) |
| 2.05  (0.16, 25.74) | 0.39  (0.01, 11.85) | 0.15 (0.02, 1.16) | **BRO** | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ |
| 5.72  (0.52, 62.94) | 1.09  (0.04, 29.99) | 0.41 (0.06, 2.74) | **2.78**  **(1.04, 7.42)** | **PAR** | 1.06  (0.37, 3.01) | 1.08  (0.18, 6.48) | 1.18  (0.55, 2.57) | 0.42  (0.08, 2.25) | 0.59  (0.16, 2.14) | 0.18  (0.02, 1.81) | 2.04  (0.40, 10.47) | 1.10  (0.50, 2.40) | 1.34  (0.47, 3.84) | \_ | 2.11  (0.72, 6.18) | **2.04**  **(1.24, 3.36)** | \_ | \_ | 0.82  (0.05, 12.43) |
| 4.53  (0.40, 50.91) | 0.86  (0.03, 24.11) | 0.32 (0.05, 2.23) | 2.20  (0.79, 6.18) | 0.79  (0.41, 1.52) | **VEN** | 1.02  (0.14, 7.18) | 1.12  (0.37, 3.36) | 0.40  (0.06, 2.56) | 0.56  (0.12, 2.51) | 0.17  (0.01, 1.93) | 1.93  (0.32, 11.77) | 1.04  (0.35, 3.14) | 1.27  (0.34, 4.69) | \_ | 2.00  (0.53, 7.49) | 1.93  (0.77, 4.84) | \_ | \_ | 0.77  (0.05, 13.08) |
| 24.08  (0.52, 1116.80) | 4.58  (0.05, 399.54) | 1.73 (0.05, 59.95) | 11.72  (0.50, 273.82) | 4.21  (0.20, 88.84) | 5.32  (0.25, 14.00) | **AMI** | 1.10  (0.18, 6.81) | 0.39  (0.04, 4.15) | 0.55  (0.07, 4.44) | 0.16  (0.01, 2.83) | 1.89  (0.19, 19.33) | 1.02  (0.16, 6.35) | 1.25  (0.18, 8.83) | \_ | 1.96  (0.27, 14.03) | 1.89  (0.34, 10.61) | \_ | \_ | 0.76  (0.03, 18.28) |
| 3.64  (0.31, 43.15) | 0.69  (0.02, 20.15) | 0.26 (0.04, 1.92) | 1.77  (0.56, 5.59) | 0.64  (0.28, 1.46) | 0.80  (0.33, 1.95) | 0.15  (0.01, 3.38) | **FLX** | 0.35  (0.06, 1.98) | 0.50  (0.13, 1.89) | 0.15  (0.01, 1.56) | 1.73  (0.32, 9.16) | 0.93  (0.40, 2.16) | 1.14  (0.38, 3.41) | \_ | 1.79  (0.58, 5.50) | 1.73  (0.95, 3.15) | \_ | \_ | 0.69  (0.04, 10.72) |
| 3.79  (0.39, 37.20) | 0.72  (0.02, 28.56) | 0.27 (0.02, 3.24) | 1.84  (0.28, 11.97) | 0.66  (0.12, 3.60) | 0.84  (0.15, 4.68) | 0.16  (0.01, 4.90) | 1.04  (0.17, 6.25) | **IMI** | 1.41  (0.19, 10.41) | 0.42  (0.03, 6.87) | 4.88  (0.51, 46.26) | 2.60  (0.47, 14.45) | 3.18  (0.50, 20.42) | \_ | 5.05  (0.77, 33.12) | 4.88  (0.99, 23.96) | \_ | \_ | 1.95  (0.09, 44.63) |
| 9.79  (0.68, 140.53) | 1.86  (0.06, 62.52) | 0.70  (0.08, 6.50) | **4.77**  **(1.04, 21.75)** | 1.71  (0.47, 6.24) | 2.16  (0.57, 8.18) | 0.41  (0.02, 10.60) | 2.69  (0.65, 11.15) | 2.58  (0.33, 20.08) | **TPM** | 0.30  (0.02, 3.88) | 3.46  (0.49, 24.51) | 1.86  (0.49, 7.08) | 2.28  (0.50, 10.28) | \_ | 3.58  (0.78, 16.38) | **3.46**  **(1.05, 11.34)** | \_ | \_ | 1.38  (0.07, 25.85) |
| 9.12  (0.61, 136.34) | 1.73  (0.05, 60.06) | 0.65 (0.07, 6.36) | 4.44  (0.91, 21.74) | 1.60  (0.40, 6.31) | 2.01  (0.49, 8.25) | 0.38  (0.01, 10.21) | 2.50  (0.56, 11.20) | 2.41  (0.29, 19.72) | 0.93  (0.15, 5.62) | **RIS** | 11.63  (0.74, 183.42) | 6.27  (0.59, 66.20) | 7.65  (0.65, 89.51) | \_ | **12.04**  **(1.02, 141.88)** | **11.63**  **(1.19, 113.32)** | \_ | \_ | 4.65  (0.14, 156.15) |
| 11.24  (0.60, 209.59) | 2.14  (0.05, 87.86) | 0.81 (0.06, 10.16) | 5.47  (0.79, 38.11) | 1.97  (0.34, 11.54) | 2.48  (0.42, 14.60) | 0.47  (0.01, 15.12) | 3.09  (0.48, 19.96) | 2.97  (0.27, 32.07) | 1.15  (0.14, 9.51) | 1.23  (0.14, 10.76) | **NEF** | 0.54  (0.10, 2.87) | 0.66  (0.11, 4.04) | \_ | 1.04  (0.17, 6.42) | 1.00  (0.21, 4.75) | \_ | \_ | 0.40  (0.02, 8.85) |
| 6.14  (0.55, 68.03) | 1.17  (0.04, 32.36) | 0.44 (0.07, 2.97) | **2.99**  **(1.10, 8.09)** | 1.07  (0.59, 1.95) | 1.36  (0.77, 2.39) | 0.26  (0.01, 5.40) | 1.69  (0.73, 3.92) | 1.62  (0.30, 8.87) | 0.63 (0.17, 2.31) | 0.67  (0.17, 2.69) | 0.55  (0.10, 3.00) | **SER** | 1.22  (0.41, 3.67) | \_ | 1.92  (0.62, 5.93) | **1.85**  **(1.01, 3.41)** | \_ | \_ | 0.74  (0.05, 11.55) |
| 6.51  (0.41, 103.35) | 1.24  (0.03, 44.90) | 0.47 (0.04, 4.87) | 3.17  (0.59, 17.15) | 1.14  (0.26, 5.05) | 1.44  (0.31, 6.58) | 0.27  (0.01, 7.66) | 1.79  (0.36, 8.88) | 1.72  (0.19, 15.19) | 0.67  (0.10, 4.38) | 0.71  (0.10, 4.99) | 0.58  (0.06, 5.44) | 1.06  (0.24, 4.74) | **NK1R** | \_ | 1.57  (0.42, 5.94) | 1.52  (0.60, 3.85) | \_ | \_ | 0.61  (0.04, 10.33) |
| 13.71  (0.50, 376.61) | 2.61  (0.05, 146.40) | 0.98 (0.05, 19.22) | 6.67  (0.55, 80.24) | 2.40  (0.23, 25.30) | 3.03  (0.28, 32.62) | 0.57  (0.01, 25.70) | 3.76  (0.33, 42.74) | 3.62  (0.21, 62.13) | 1.40  (0.10, 19.32) | 1.50  (0.10, 21.64) | 1.22  (0.07, 21.94) | 2.23  (0.21, 23.69) | 2.10  (0.14, 32.16) | **GUA** | \_ | \_ | \_ | \_ | \_ |
| 3.60  (0.28, 46.24) | 0.68  (0.02, 21.14) | 0.26 (0.03, 2.09) | 1.75  (0.47, 6.52) | 0.63  (0.22, 1.79) | 0.80  (0.27, 2.37) | 0.15  (0.01, 3.56) | 0.99  (0.30, 3.29) | 0.95  (0.14, 6.38) | 0.37  (0.08, 1.75) | 0.39  (0.08, 2.01) | 0.32  (0.04, 2.30) | 0.59  (0.20, 1.69) | 0.55  (0.10, 3.10) | 0.26  (0.02, 3.24) | **TGB** | 0.97  (0.37, 2.49) | \_ | \_ | 0.39  (0.02, 6.61) |
| 3.60  (0.34,38.30) | 0.68  (0.03, 18.43) | 0.26 (0.04, 1.65) | 1.75  (0.72, 4.28) | **0.63**  **(0.42, 0.94)** | 0.80  (0.48, 1.33) | 0.15  (0.01, 3.07) | 0.99  (0.48, 2.03) | 0.95  (0.18, 4.91) | 0.37  (0.11, 1.25) | 0.39  (0.11, 1.47) | 0.32  (0.06, 1.79) | **0.59**  **(0.38, 0.91)** | 0.55  (0.13, 2.31) | 0.26  (0.03, 2.67) | 1.00  (0.38, 2.62) | **PLB** | \_ | \_ | 0.40  (0.03, 5.81) |
| 4.98  (0.37, 67.21) | 0.95  (0.03, 30.35) | 0.36 (0.04, 3.07) | 2.42  (0.59, 9.90) | 0.87  (0.27, 2.78) | 1.10  (0.33, 3.66) | 0.21  (0.01, 5.13) | 1.37  (0.37, 5.03) | 1.31  (0.18, 9.42) | 0.51  (0.10, 2.62) | 0.55  (0.10, 3.00) | 0.44  (0.06, 3.40) | 0.81  (0.25, 2.62) | 0.76  (0.13, 4.61) | 0.36  (0.03, 4.71) | 1.38  (0.32, 5.90) | 1.38  (0.47, 4.10) | **PRZ** | \_ | \_ |
| 14.45  (0.72, 289.23) | 2.75  (0.06, 119.46) | 1.04  (0.08, 14.16) | 7.03  (0.91, 54.43) | 2.53  (0.38, 16.65) | 3.19  (0.47, 21.57) | 0.60  (0.02, 20.64) | 3.97  (0.55, 28.63) | 3.81  (0.32, 44.95) | 1.48  (0.16, 13.48) | 1.59  (0.17, 15.21) | 1.29  (0.10, 15.99) | 2.35  (0.35, 15.61) | 2.22  (0.22, 22.84) | 1.05  (0.05, 20.39) | 4.01  (0.50, 32.03) | 4.01  (0.64, 25.29) | 2.90  (0.34, 4.59) | **DVP** | \_ |
| \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | **LAM** |

**Table.** NMA results for the two secondary outcomes: response rate (green) and dropout rate due to adverse events (blue). For efficacy (green), odds ratios (ORs) greater than 1 indicated that the treatment specified in the row is more efficacious. For acceptability, ORs greater than 1 indicated that the treatment specified in the column is better (fewer dropouts due to adverse events). Bold underlined results indicate statistical significance. The overall heterogeneity is equal to 0.4 for efficacy and equal to 0 for acceptability. For efficacy the percentage of variability attributed to heterogeneity was 43.2% (we could not derive the respective measure for inconsistency as inconsistency could not be assessed for this outcome). For dropout rate due to adverse events, I2 was 0% for heterogeneity and 13% for inconsistency. AMI: amitriptyline; BRO: bromipramine; DVP: divalproex; FLX: fluoxetine; GUA: guanfacine; IMI: imipramine; LAM: lamotrigine; MIR: mirtazapine; NEF: nefazodone; NK1R: NK1 receptor antagonist; OLA: olanzapine; PAR: paroxetine; PHE: phenelzine; PLB: placebo; PRZ: prazosin; RIS: risperidone; SER: sertraline; TGB: tiagabine; TPM: topiramate; VEN: venlafaxine.