**Supplementary Appendix Content**

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**Appendix 1**

**Risk of Bias assessment**

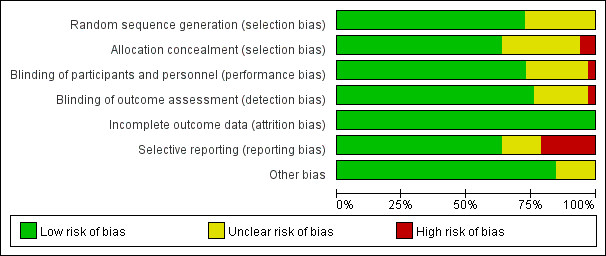


Figure 1.1: Risk of bias graph

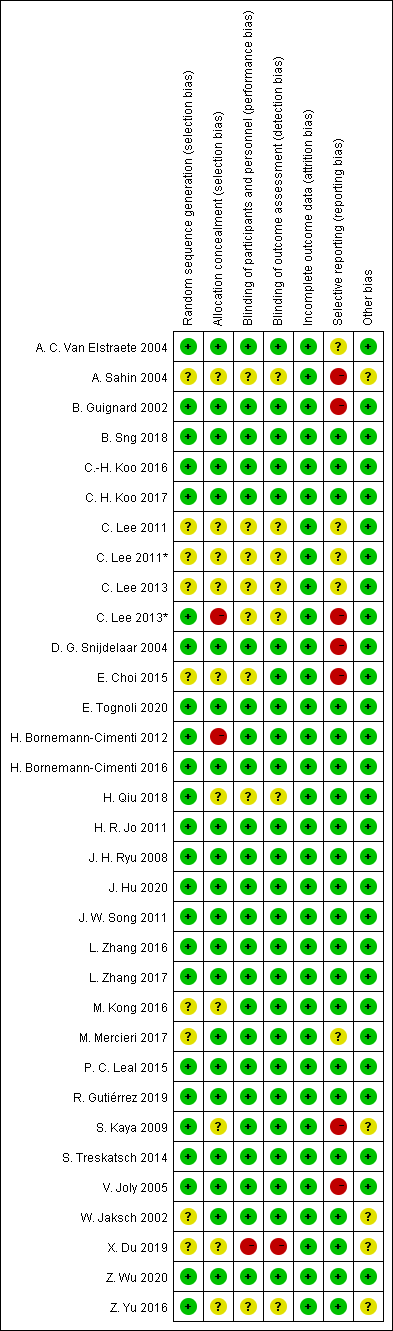


Figure 1.2: Risk of bias summary

**Appendix 2**

**Comparison-adjusted Funnel Plot**

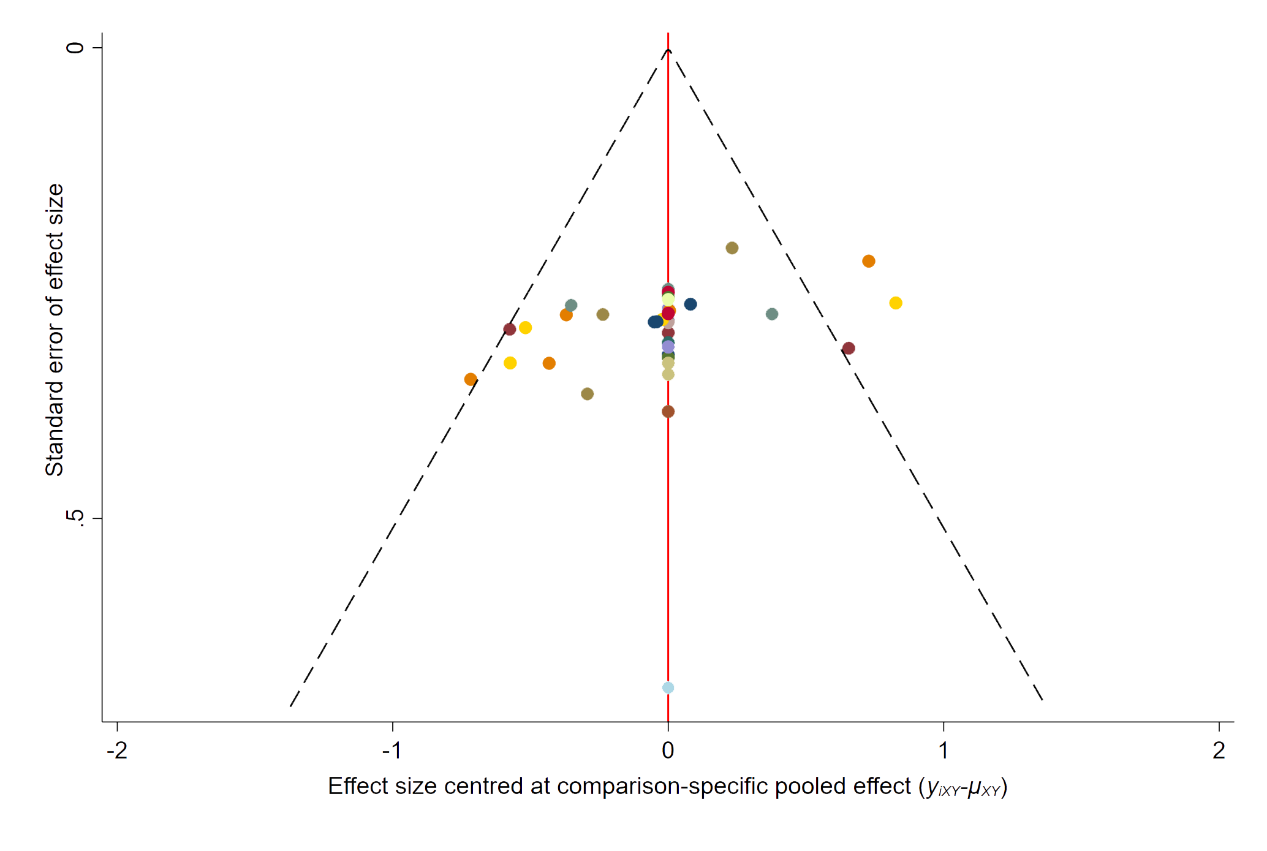
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Figure 2: Comparison-adjusted funnel plot of all studies for network meta-analysis.

**Appendix 3**

**SUCRA and cumulative probability plots for**

**efficacy and acceptability**

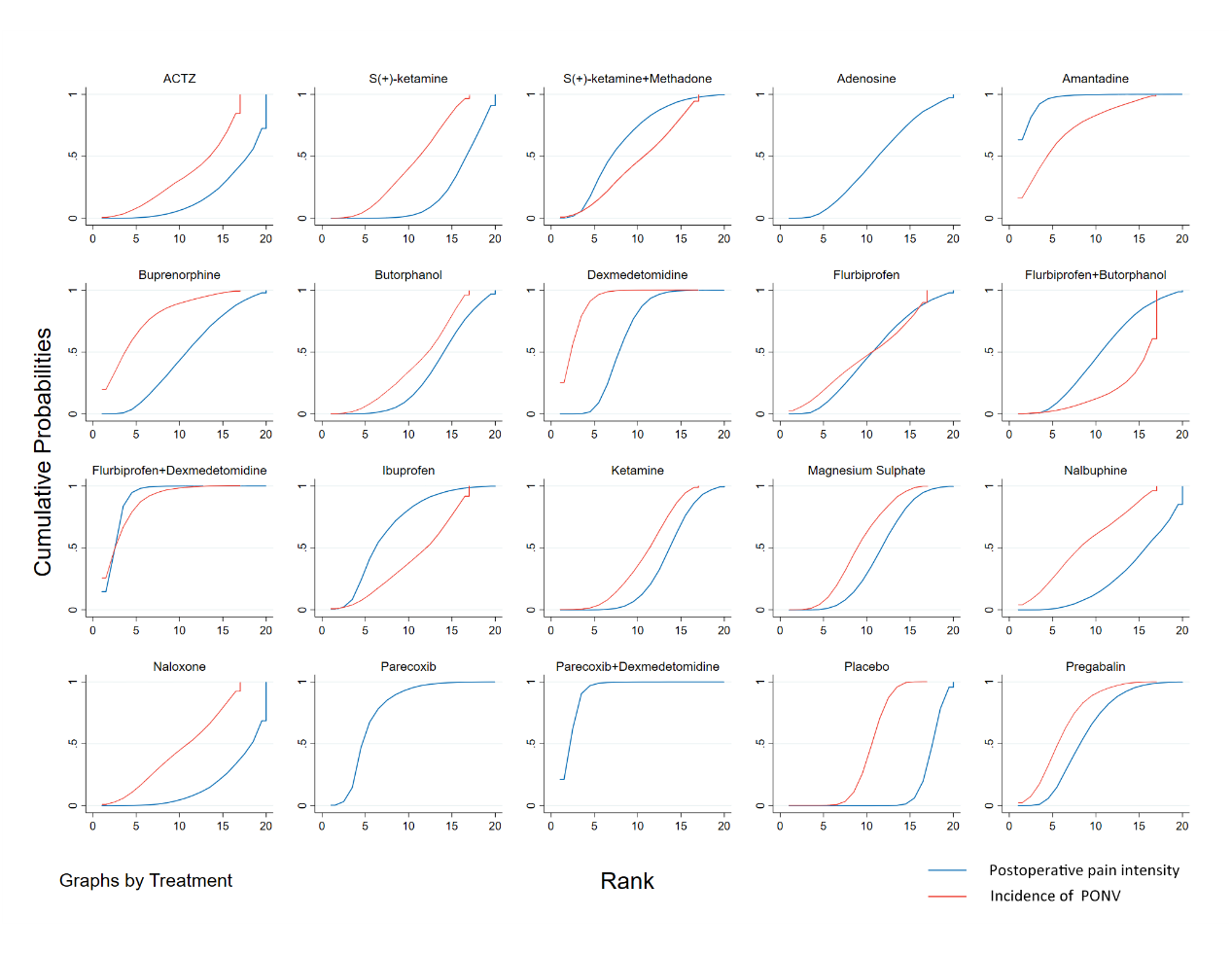
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Figure 3: SUCRA and cumulative probability plots of network meta-analysis for postoperative pain intensity at rest at 24h and the incidence of PONV

**Appendix 4**

**Results of secondary outcomes**

**Appendix 4.1.**

**Pain thresholds at 24h after surgery**

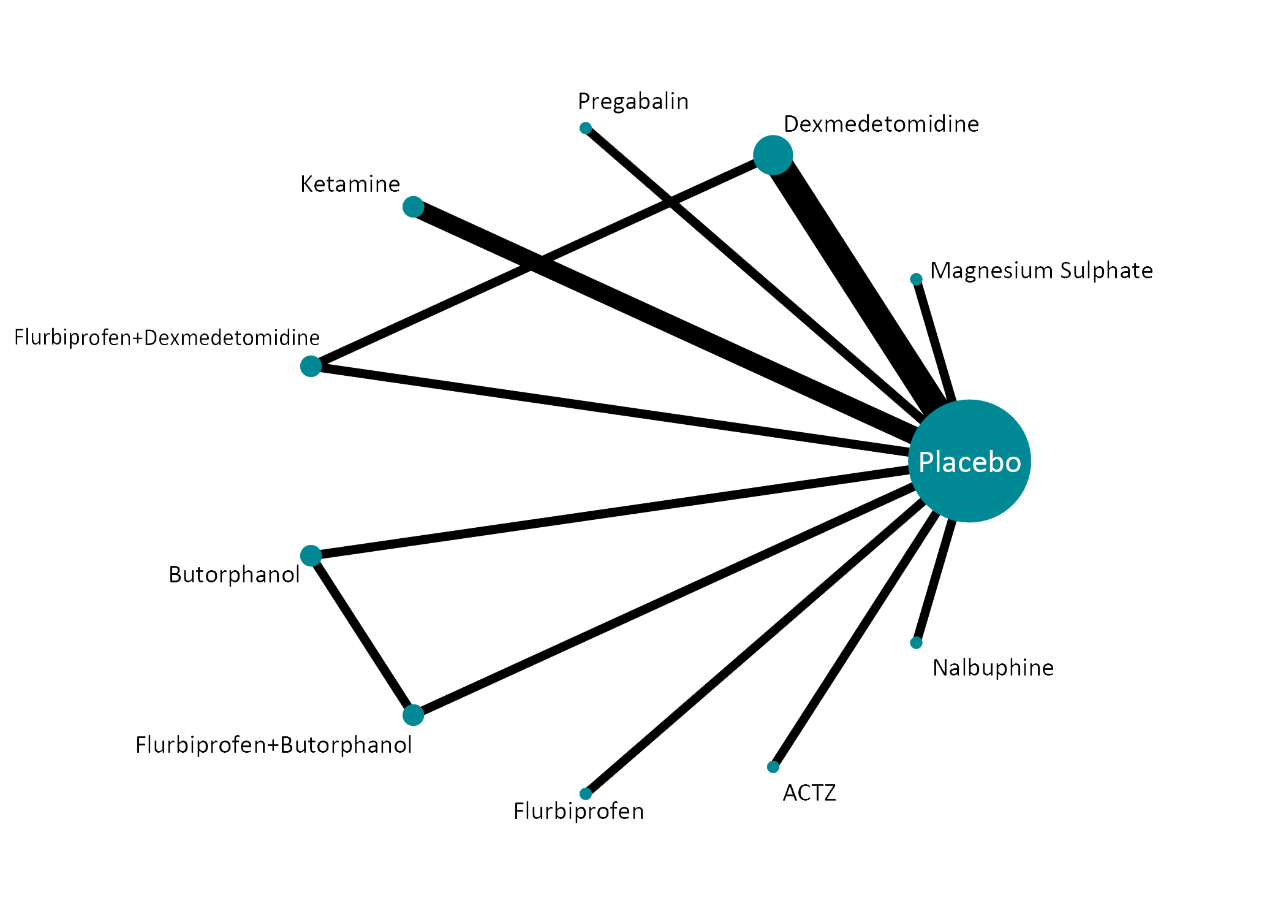
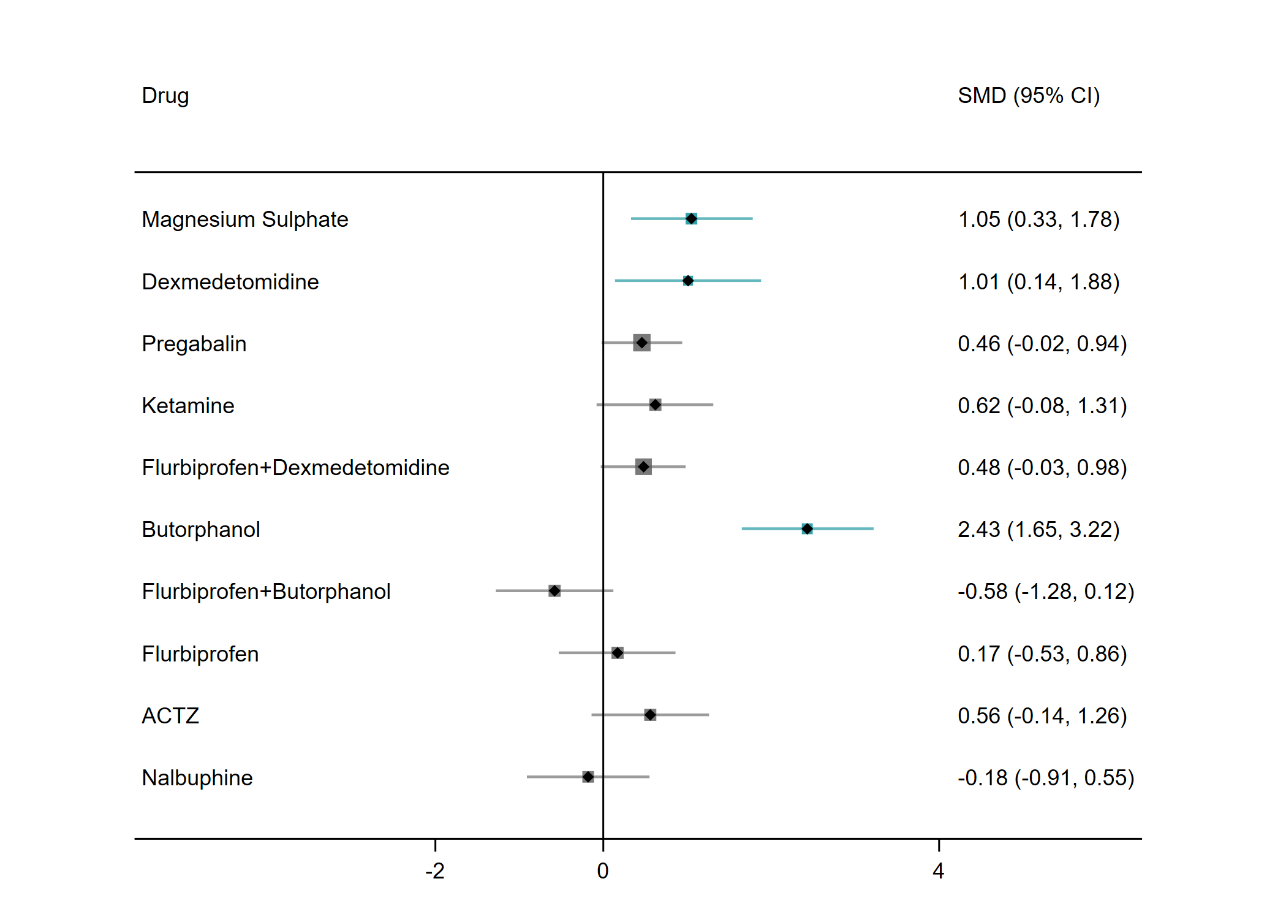
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Figure 4.1.1: Network geometry plot of network meta-analysis for pain thresholds at 24h after surgery

 Figure 4.1.2: Forest plots of network meta-analysis for pain thresholds at 24h after surgery

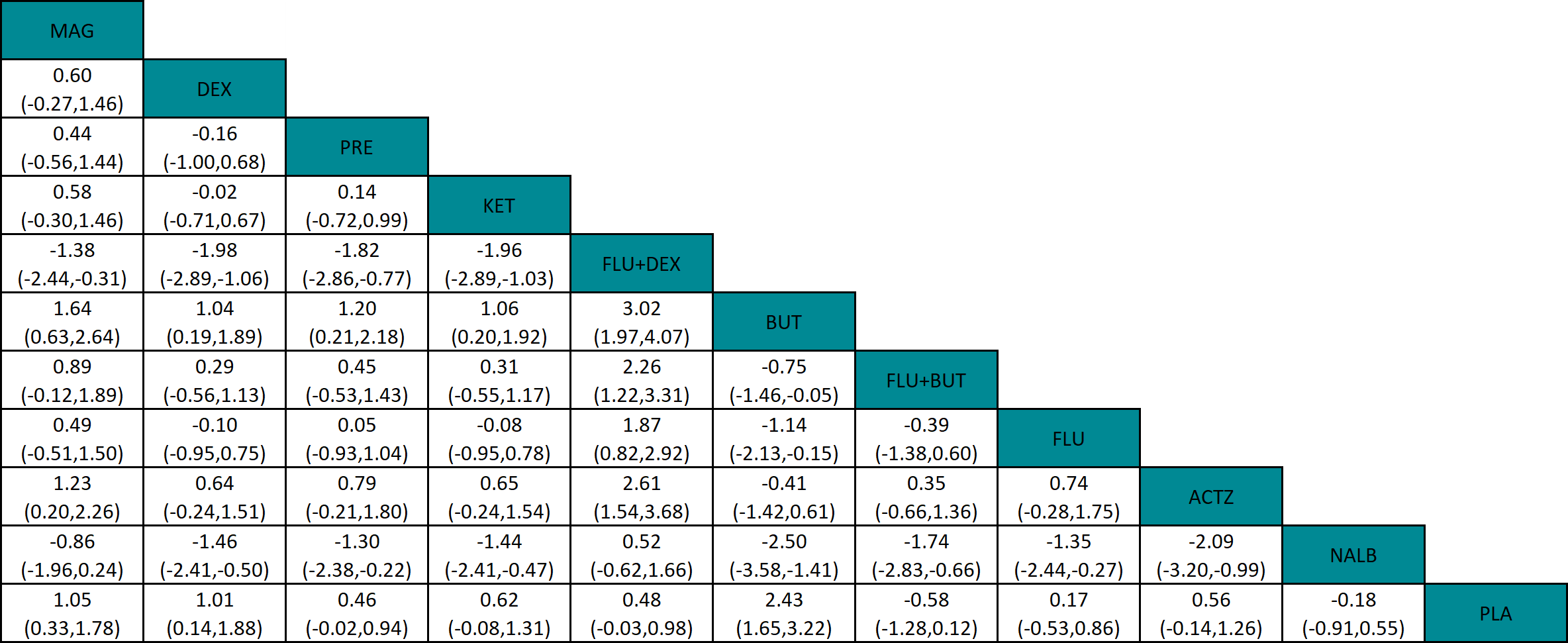
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Figure 4.1.3: League table of network meta-analysis for pain thresholds at 24h after surgery

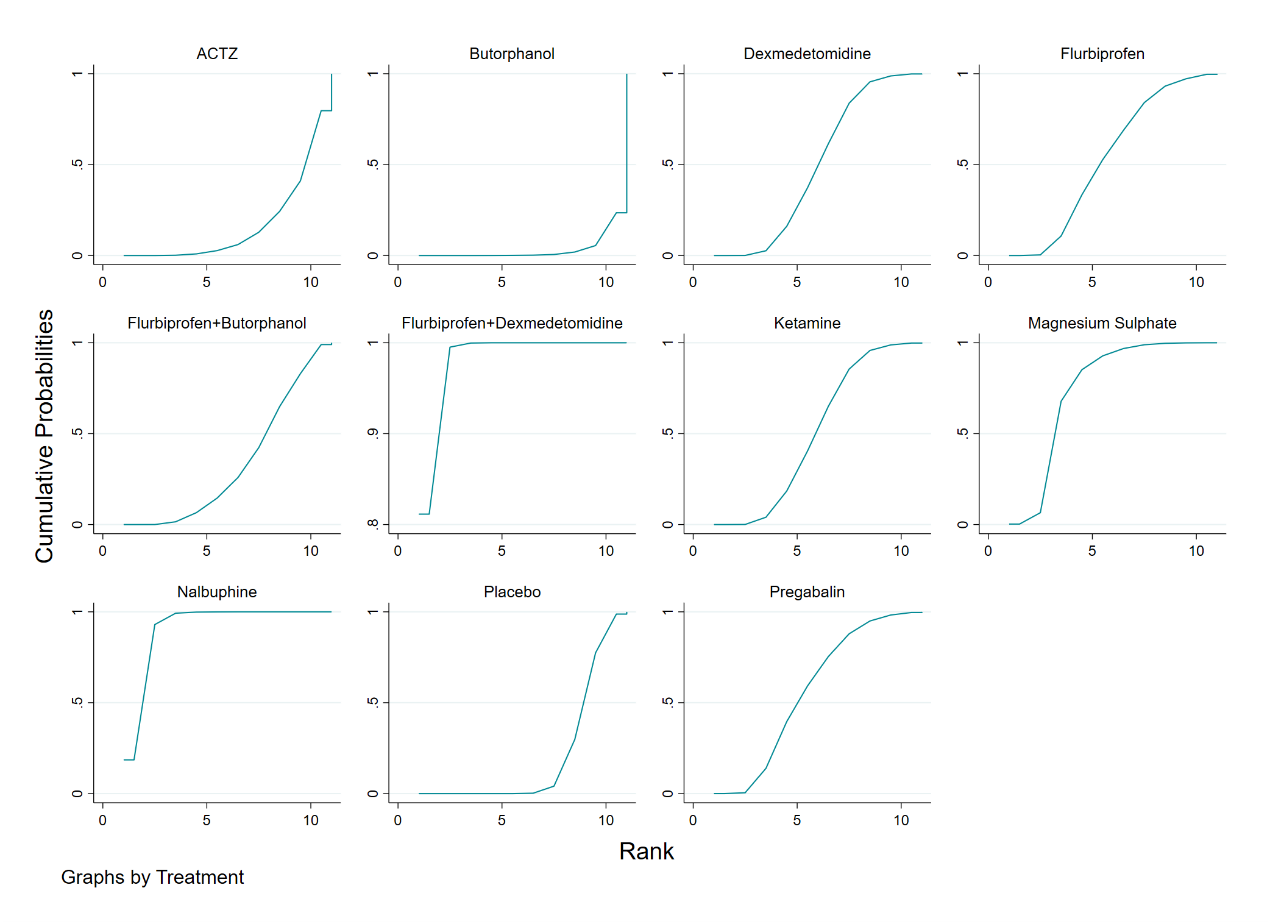
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Figure 4.1.4: SUCRA and cumulative probability plots of network meta-analysis for pain thresholds at 24h after surgery

**Appendix 4.2**

**Cumulative morphine consumption over the 24h**

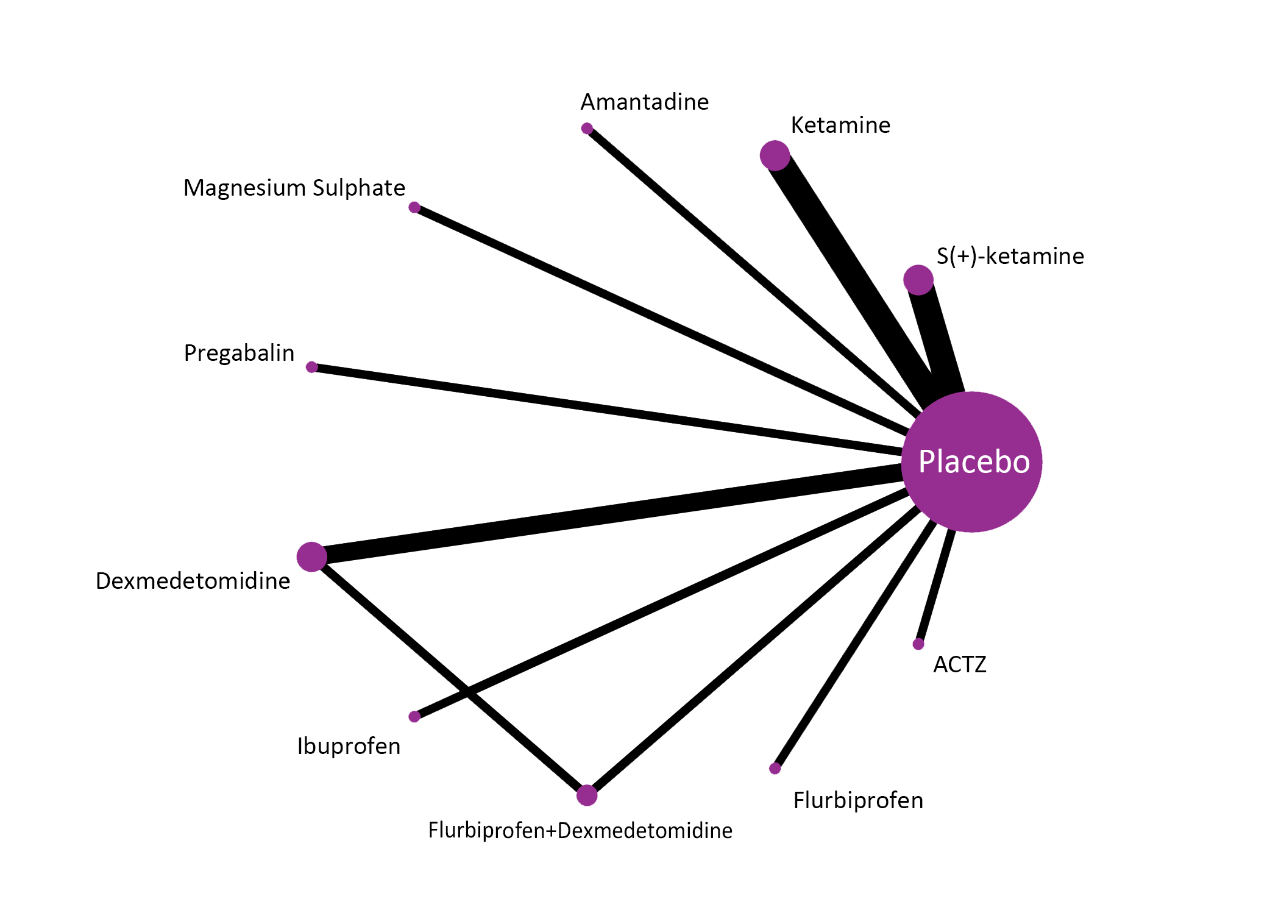
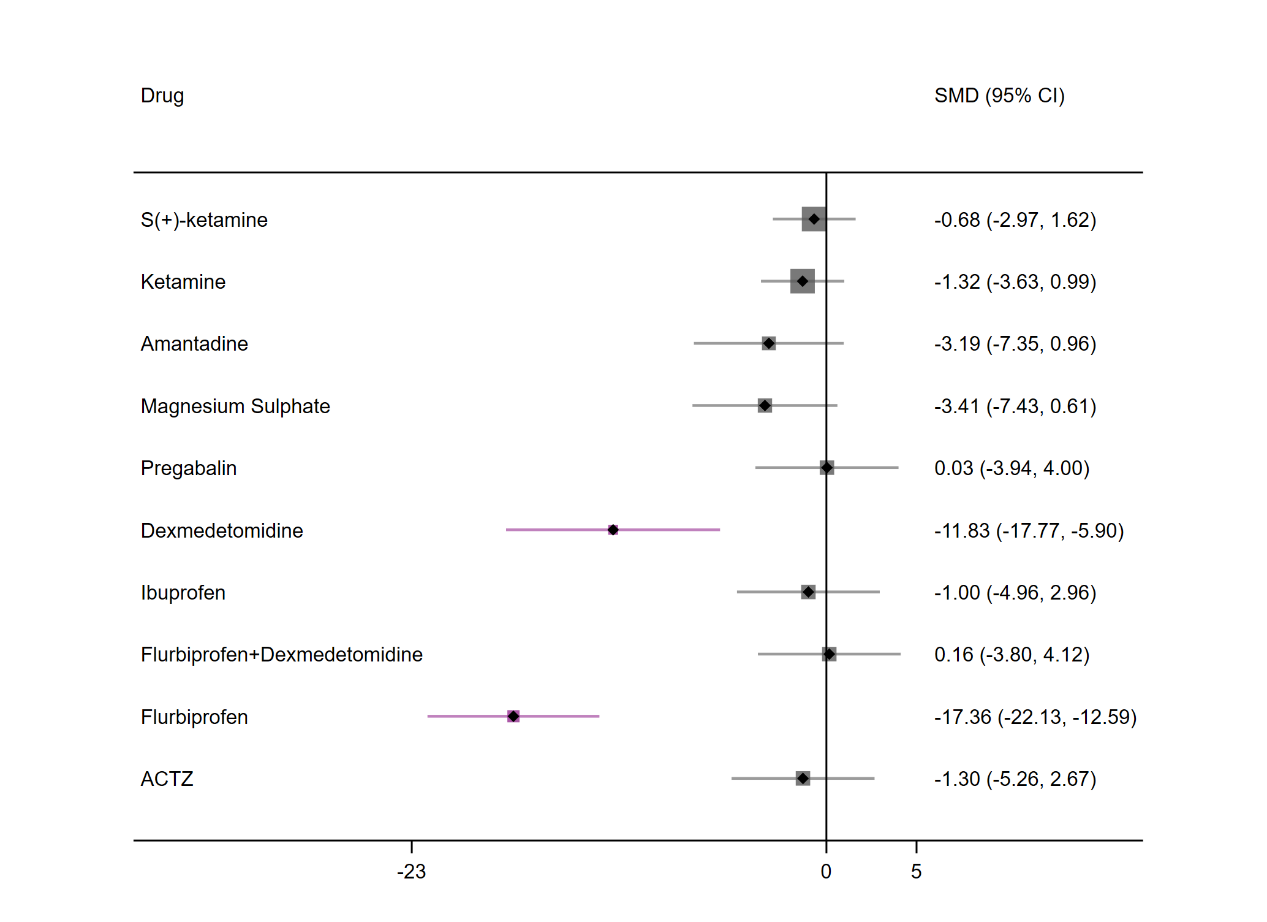
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Figure 4.2.1: Network geometry plot of network meta-analysis for cumulative morphine consumption over the 24h

 Figure 4.2.2: Forest plots of network meta-analysis for cumulative morphine consumption over the 24h

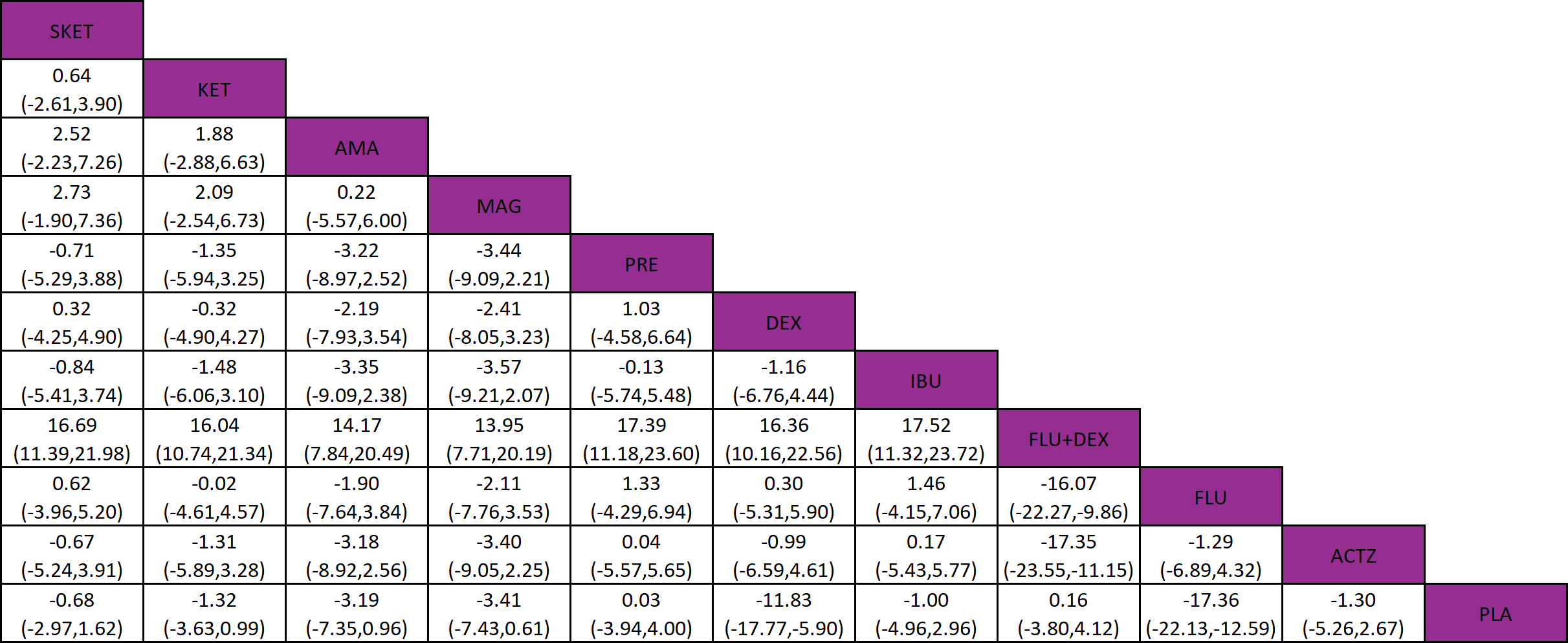
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Figure 4.2.4: League table of network meta-analysis for cumulative morphine consumption over the 24h

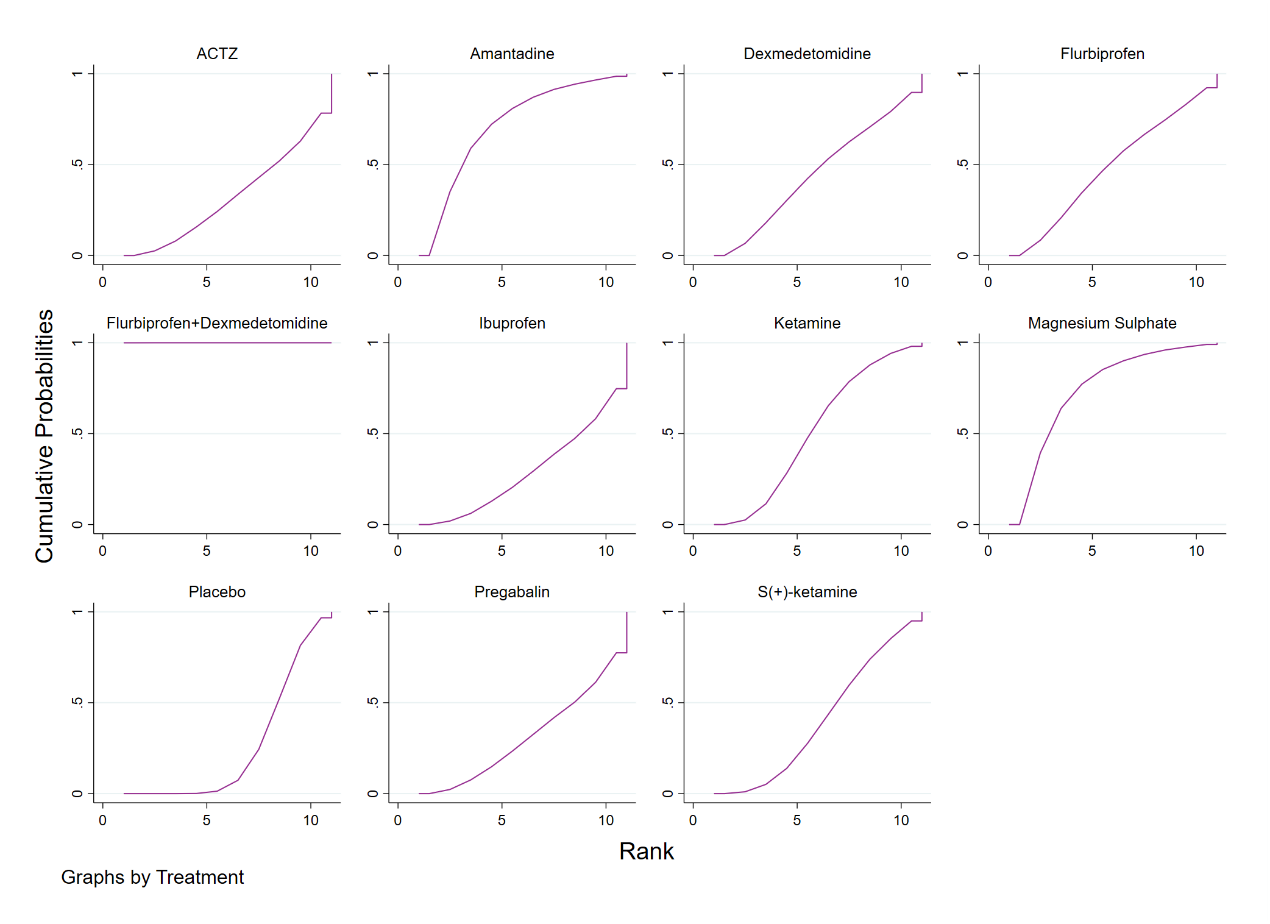
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Figure 4.2.4: SUCRA and cumulative probability plots of network meta-analysis for cumulative morphine consumption over the 24h

**Appendix 4.3**

**The time to first postoperative analgesic requirement**

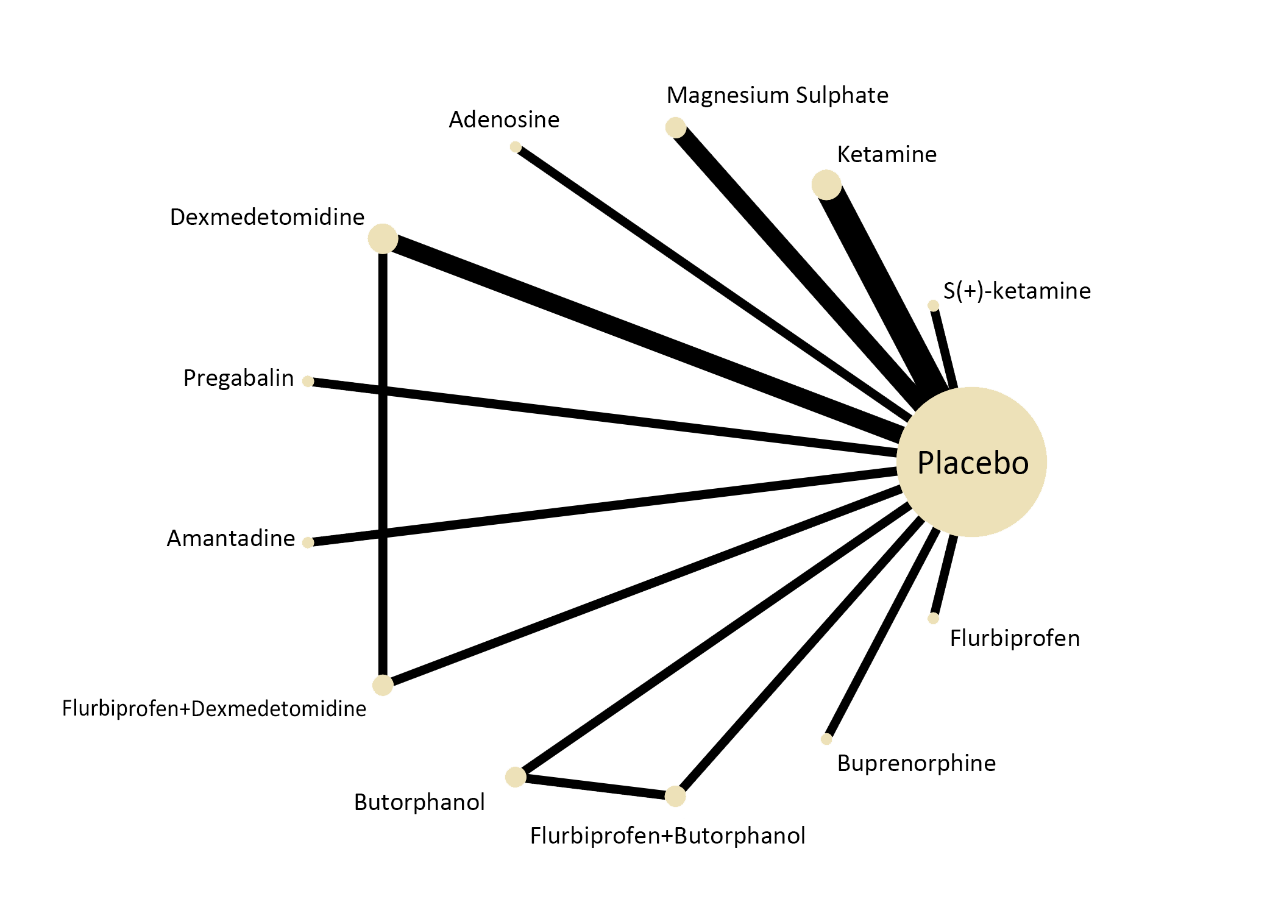
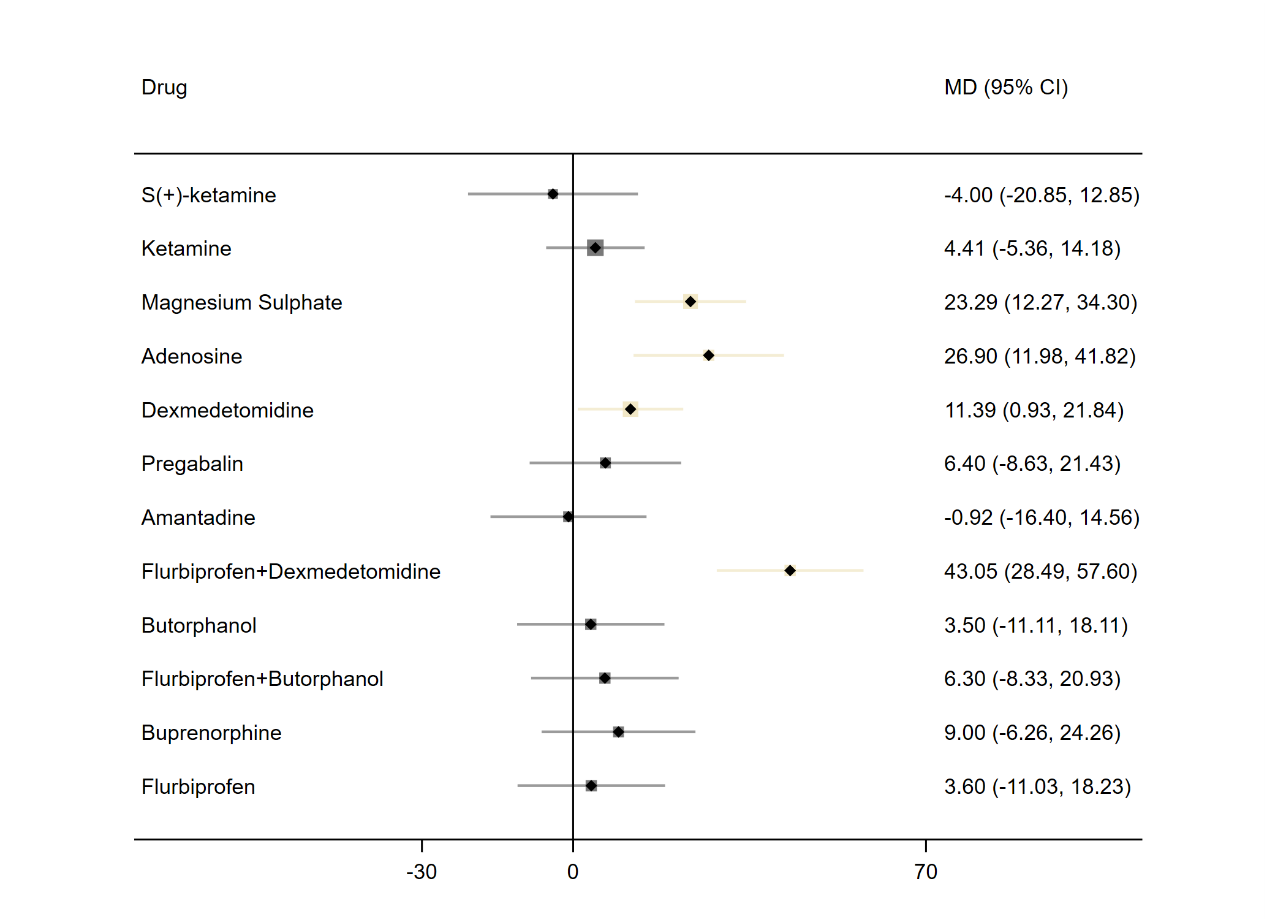
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Figure 4.3.1: Network geometry plot of network meta-analysis for the time to first postoperative analgesic requirement

 Figure 4.3.2: Forest plots of network meta-analysis for the time to first postoperative analgesic requirement

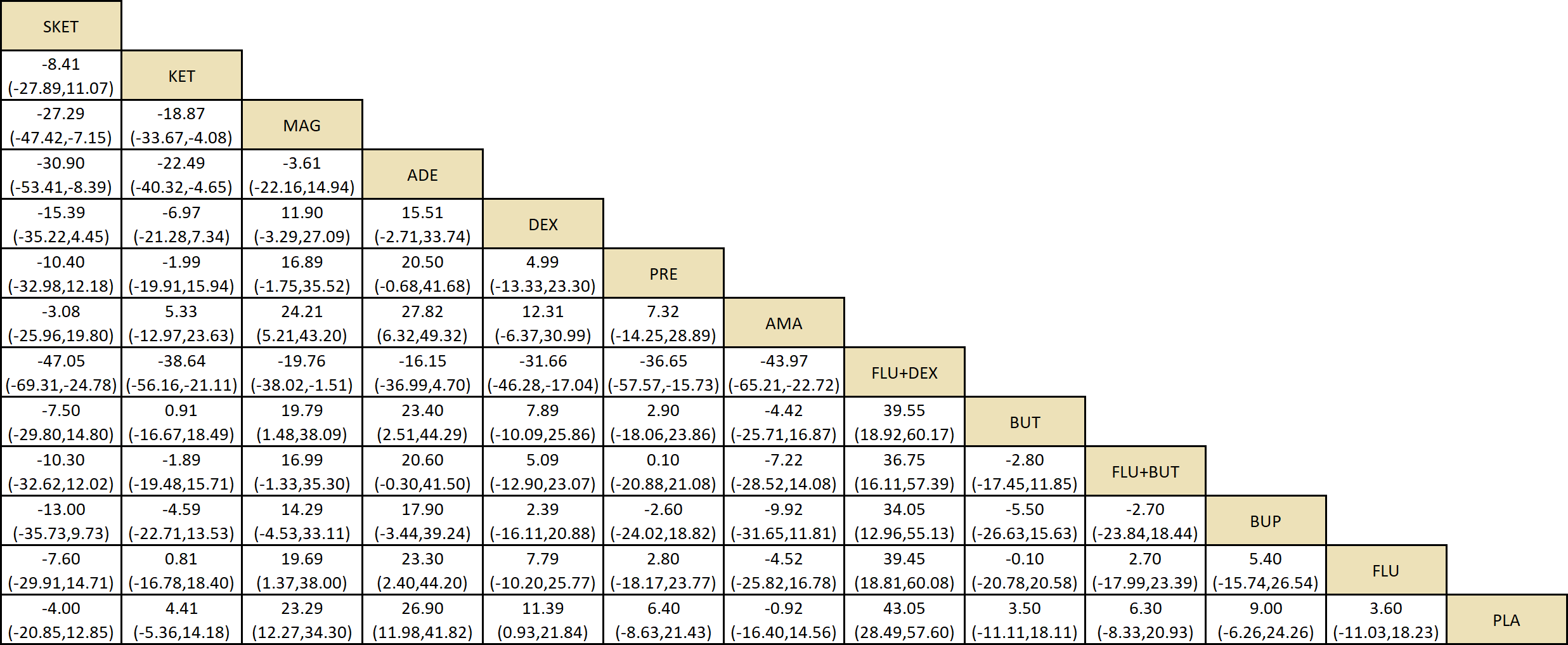
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Figure 4.3.5: League table of network meta-analysis for the time to first postoperative analgesic requirement

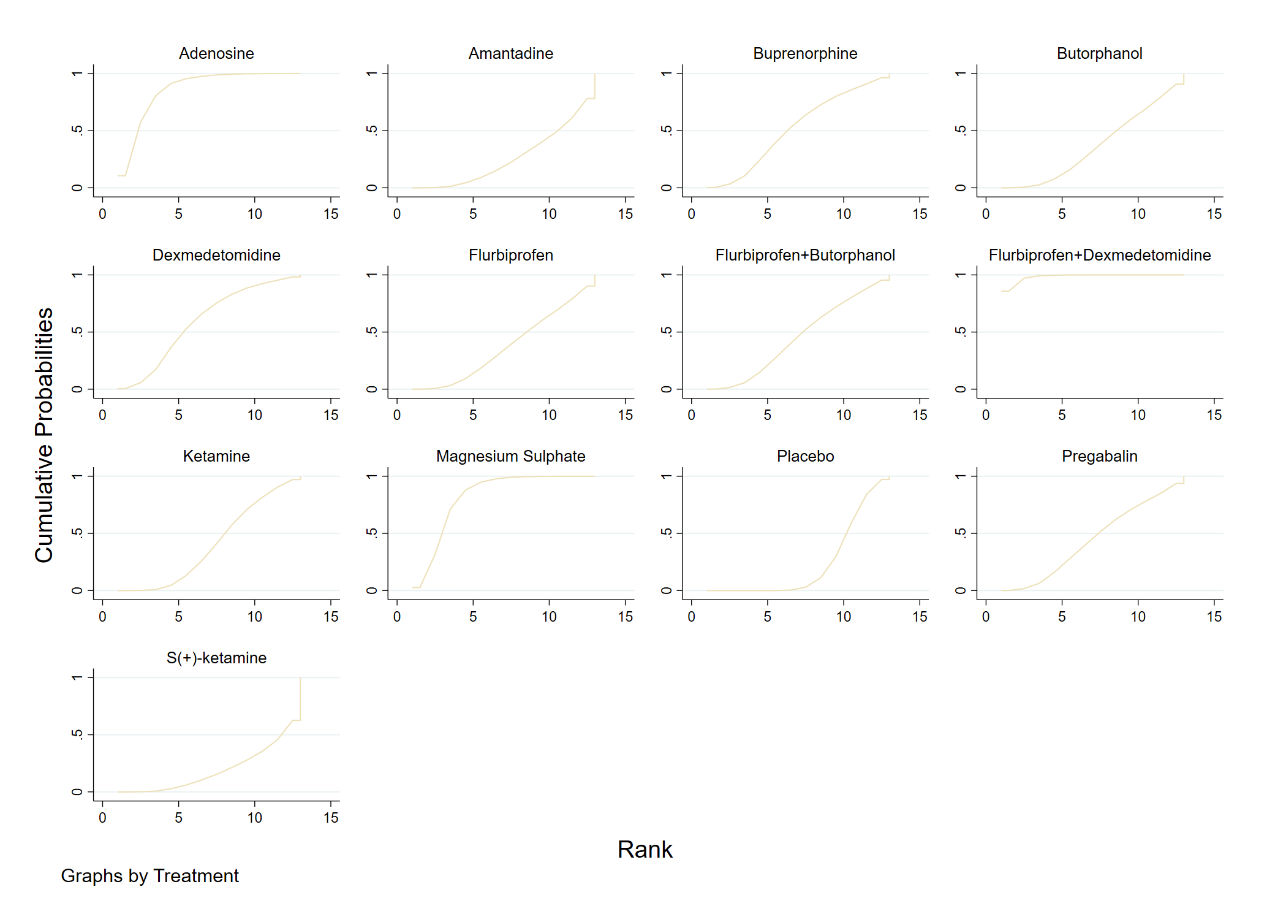
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Figure 4.3.4: SUCRA and cumulative probability plots of network meta-analysis for the time to first postoperative analgesic requirement

**Appendix 4.4**

**Incidence of Shivering**

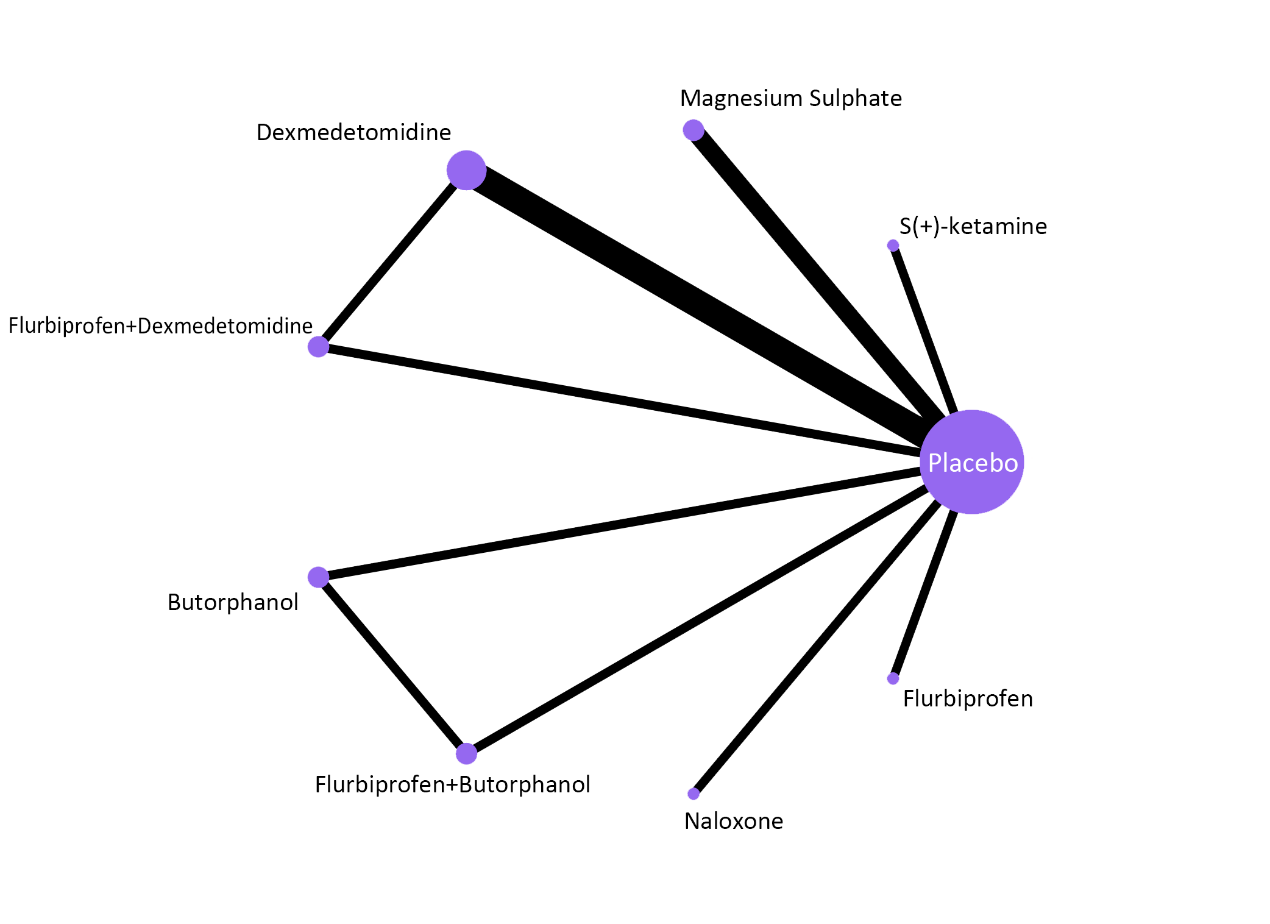
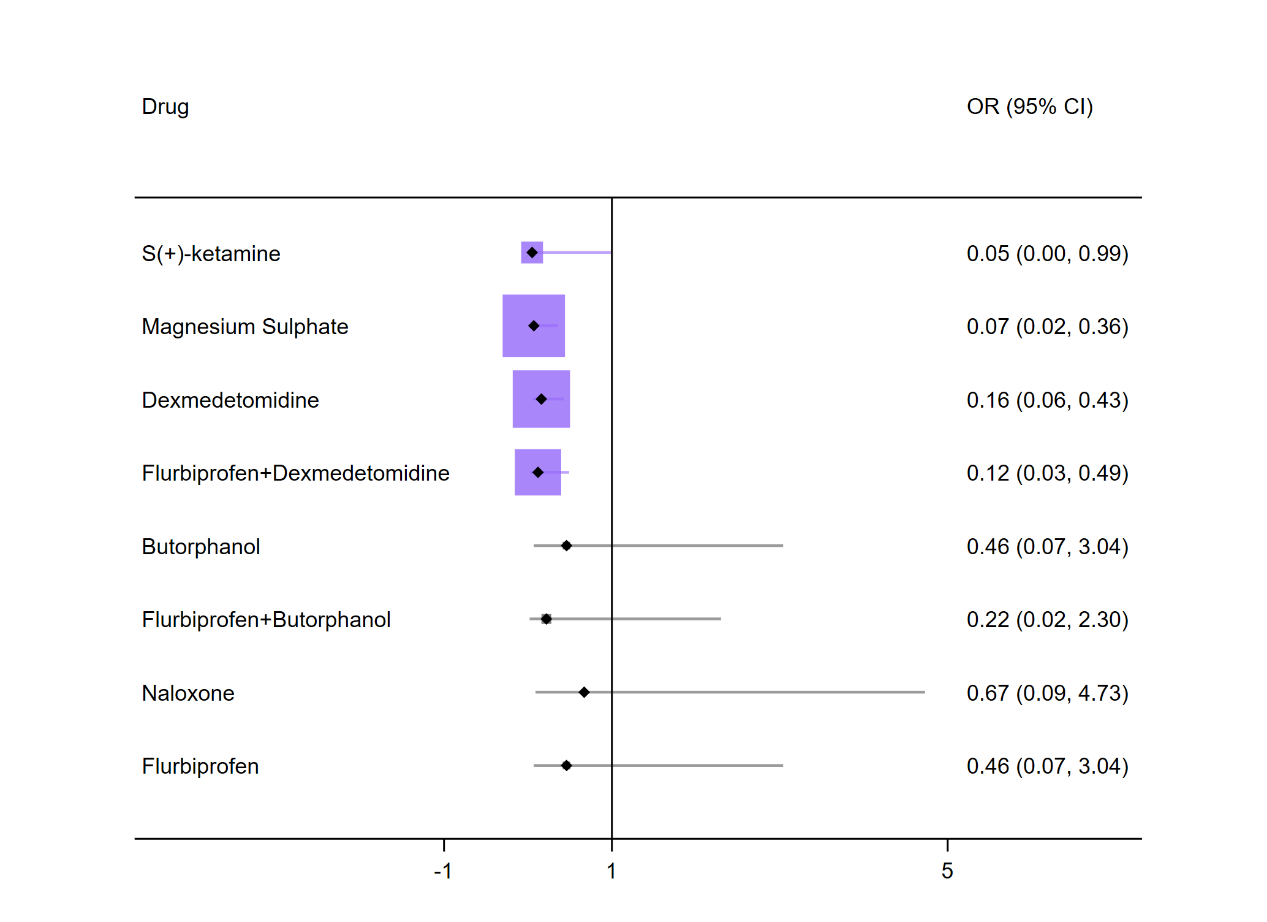
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Figure 4.4.1: Network geometry plot of network meta-analysis for incidence of shivering

 Figure 4.4.2: Forest plots of network meta-analysis for incidence of shivering

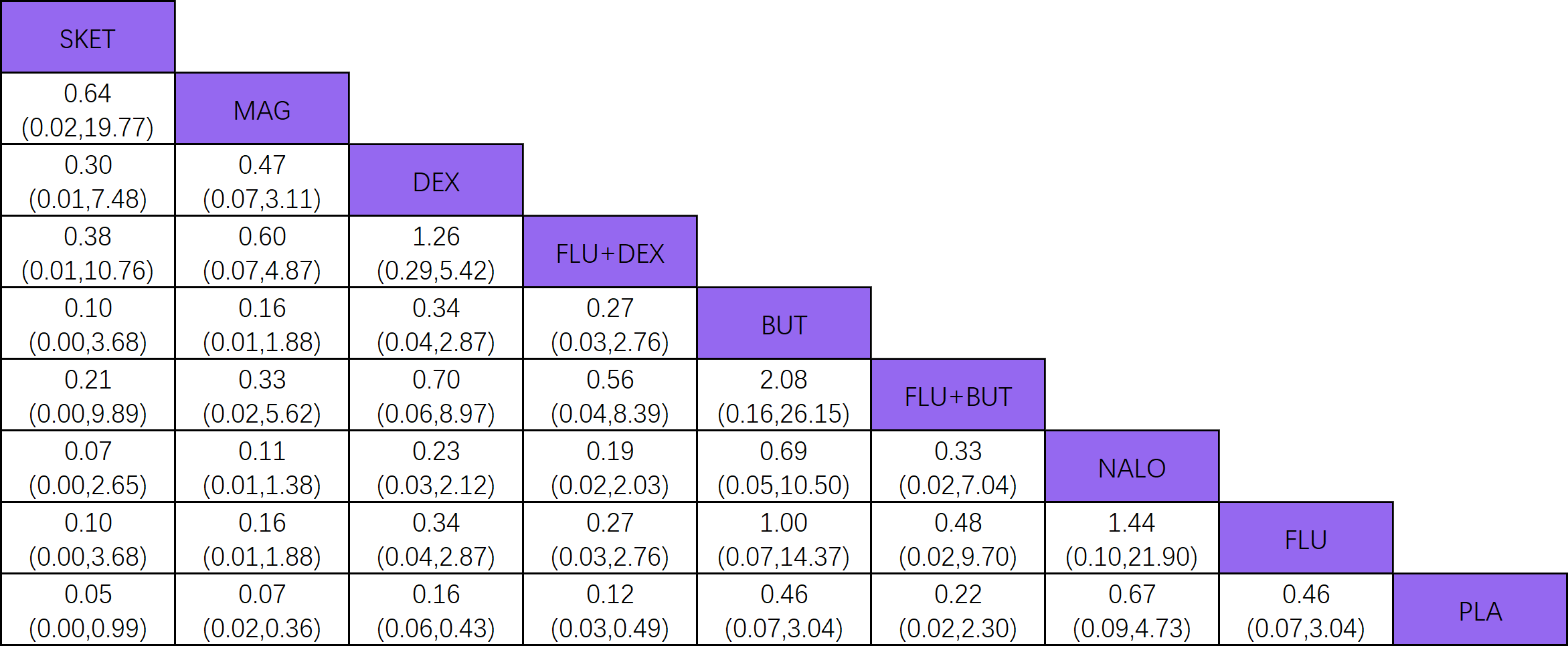
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Figure 4.4.6: League table of network meta-analysis for incidence of shivering

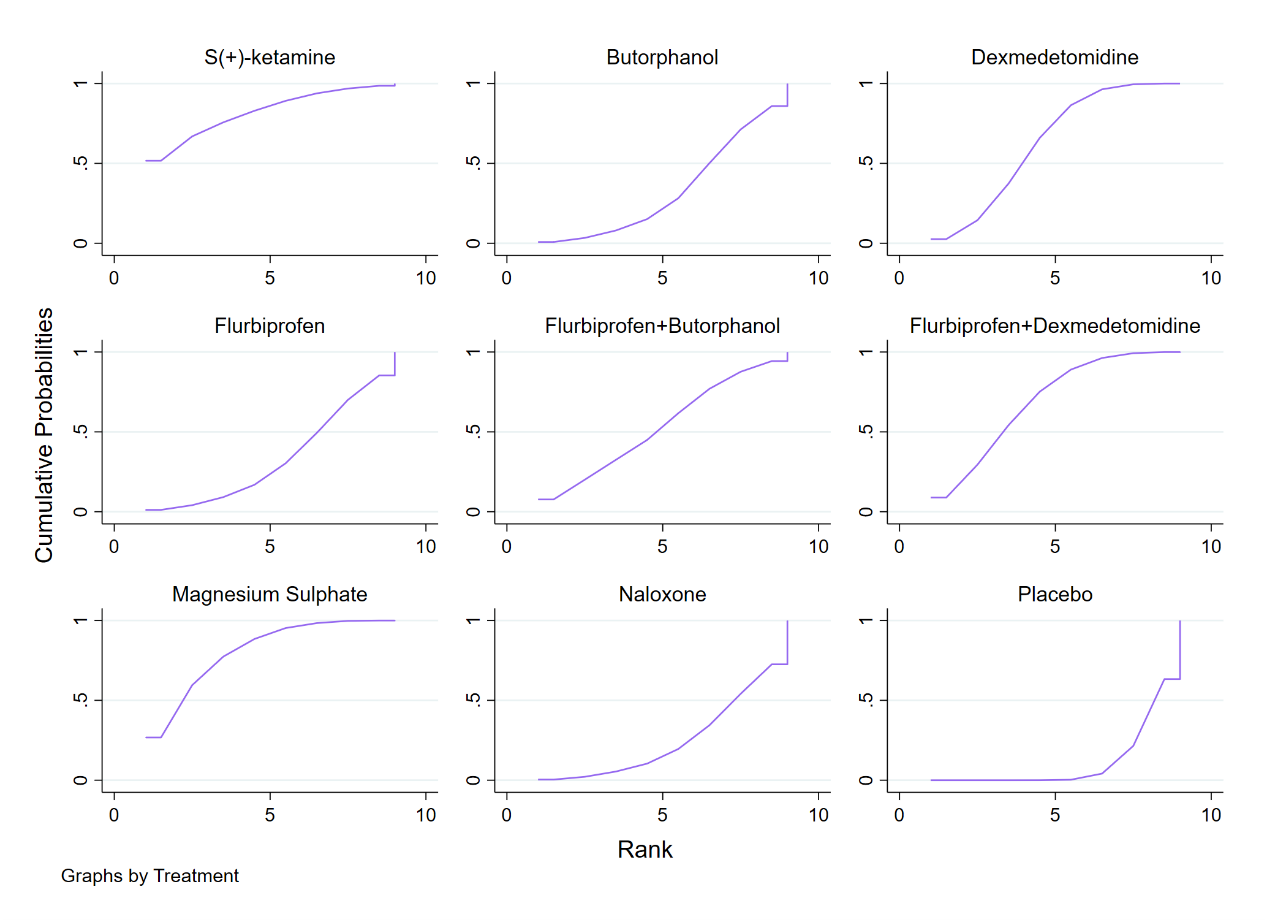
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Figure 4.4.4: SUCRA and cumulative probability plots of network meta-analysis for incidence of shivering