**Appendix Table D34. Comparative effectiveness of metoprolol and nonpharmacologic treatments in unclear risk of bias randomized controlled clinical trial, mean differences14**

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| **Active drug and dose** | **Nonpharmacological treatment** | **Definition of the outcome** | **Mean**  **[standard deviation] with drug** | **Mean**  **[standard deviation] with nondrug** | **Mean difference**  **(95% CI)** | **Cohen standardized mean difference**  **(95% CI)** | **Means ratio**  **(95% CI)** |
| Metoprolol 50mg once daily in children <40kg body weight and 100mg in children >40kg. During first week of treatment half his dose was given. | Progressive relaxation training + stress management | Frequency of headache at 8 month followup | 1.25 [0.82] | 1.14 [1.19] | 0.11  (-0.64 to 0.86) | 0.11  (-0.64 to 0.85) | 1.10  (0.58 to 2.07) |
| Metoprolol 50mg once daily in children <40kg body weight and 100mg in children >40kg. During first week of treatment half his dose was given. | Progressive relaxation training + stress management | Frequency of headache at 8 month followup | 1.25 [0.82] | 1.05 [0.72] | 0.20  (-0.38 to 0.78) | 0.26  (-0.49 to 1.01) | 1.19  (0.72 to 1.96) |
| Metoprolol 50mg once daily in children <40kg body weight and 100mg in children >40kg. During first week of treatment half his dose was given. | Progressive relaxation training + stress management | Intensity of headache at 8 month followup (intensity was measured on a scale of 1 (light) to 10 (overbearing)) | 4.19 [2.42] | 3.09 [1.67] | 1.10  (-0.46 to 2.66) | 0.54  (-0.22 to 1.29) | 1.36  (0.89 to 2.06) |
| Metoprolol 50mg once daily in children <40kg body weight and 100mg in children >40kg. During first week of treatment half his dose was given. | Progressive relaxation training + stress management | Intensity of headache at 8 month followup (intensity was measured on a scale of 1 (light) to 10 (overbearing)) | 4.19 [2.42] | 2.98 [2.65] | 1.21  (-0.67 to 3.09) | 0.48  (-0.28 to 1.23) | 1.41  (0.81 to 2.43) |