**Figure1.** Flow diagram of study

Records identified through database searching (n = 91)

Records identified through other sources (n = 320)

Records after duplicates removed (n = 353)

Records screened (n = 353)

Full-text articles assessed for eligibility (n = 13)

Studies included in qualitative synthesis (n = 7)

Studies included in quantitative synthesis (Meta-analysis) (n = 5)

Records excluded (n = 340)

Full-text articles excluded, excluded due to not meeting inclusion criteria (n = 6):
- 2 articles lack of control
- 3 articles lack of complete data of riboflavin supplementation separately
- 1 article Insufficient data
Figure 2. Riboflavin supplementation on migraine attack duration
**Figure 3.** Riboflavin supplementation on frequency migraine attacks
Figure 4. Subgroup by riboflavin dose