## Cover page

Title:
Adherence and persistence to basal insulin among people with type 2 diabetes in Europe - a systematic literature review and meta-analysis

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## Supplementary material

Figure $\mathbf{S 1}$ : Forest plot for non-persistence within 6 months of basal insulin treatment


Figure S2: Forest plot for non-persistence within 6 months of basal insulin treatment (register-based data only)


Figure S3: Forest plot for non-persistence within 6 months of basal insulin treatment (based on selfreported data only)


Figure S4: Forest plot for non-persistence within 12 months of basal insulin treatment


Figure S5: Forest plot for non-persistence within 12 months of basal insuling treatment (excluding NPH)


Figure S6: Forest plot for non-persistence within 18 months of basal insulin treatment

| Study | Events | Total |  | Weight, F-T, Random, 95\% CI |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Westerbacka et al. 2015 (Glargine) | 2230 | 5868 | 줄 | 49.31\% | 0.380 [0.368, 0.392] |
| Westerbacka et al. 2015 (Detemir) | 3008 | 8594 | $\square$ | 50.69\% | 0.350 [0.340, 0.360] |
| Total ( $95 \% \mathrm{Cl}$ ) | 5238 | 14462 |  |  | 0.365 [0.336, 0.394] |
| Heterogeneity: $\mathrm{T}^{2}=0, \chi^{2}=13.56, \mathrm{df}=1(\mathrm{P}<0.0001) \mathrm{I}^{2}=92.6$ |  |  |  |  |  |
|  |  |  | $\begin{aligned} & \text { ाimiा!ा } \\ & 0.33 \end{aligned}$ |  |  |
|  |  |  | Proportion |  |  |

Figure S7: Forest plot for non-persistence within 6 months of basal insulin treatment (excluding Sicras et al. 2013)


Figure S8: Forest plot for non-persistence within 12 months of basal insulin treatment (excluding Sicras et al. 2013)


Figure S9: Forest plot for adherence of basal insulin treatment (MPR >80\%)


Figure S10: Forest plot for adherence of basal insulin treatment measured by MPR $>80 \%$ (excluding Sicras et al. 2013)


