



Suppl. Fig. 3

Supplementary Figure 3. Formal Algorithm for Assigning Attribution of Influence for Medication Changes. The flow diagram shows the process used to assign attribution (“influence”) scores for each individual medication change throughout the entire study period. In this scoring system, 1 represents a medication change that was “unrelated” to the availability of pharmacogenomic results, 2=“unlikely related”, 3=“possibly related”, 4=“likely related”, and 5=“definitely related”. Physician electronic medical record documentation, Genomic Prescribing System (GPS) click logs, and post-visit physician and patient surveys were used to assign attributions using a standardized, formal process. At least 20% of all final attribution scores were rated by at least two independent raters to ensure agreement ($\kappa \geq 0.95$). Medication changes with scores ≥ 4 were categorized as being “influenced by pharmacogenomic information” for all subsequent analyses.