**Table S1. Sensitivity Analysis for Discontinuation Using 30- and 60-Day Refill Gaps**

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| **HU Discontinuation (60-day Gap)** | **N/mean** | **%/SD** |
| Discontinuation | 2,878 | 72.0% |
| Time-to-discontinuation (days) | 165.50 | 137.24 |
| Re-initiation (among patients who discontinued N=2,878) | 1,870 | 65.0% |
| **HU Discontinuation (30-day Gap)** |   |   |
| Discontinuation | 3,512 | 87.8% |
| Time-to-discontinuation (days) | 113.95 | 113.91 |
| Re-initiation (among patients who discontinued N=3,512) | 2,692 | 76.7% |

HU: hydroxyurea; SD: standard deviation