

...where the industry meets academic quality

Using Private Commercial Insurance Database to predict National Estimates under 65

Top 10 Use Brand Prescription (estimated with NatWeight™)		
Brand	Prescription Number	User
LISINOPRIL	27,672,309	4,624,263
FUROSEMIDE	21,121,923	3,830,694
HYDROCODONE-ACETAMINOPHEN	18,251,350	4,489,460
LIPITOR	16,835,317	2,976,524
HYDROCHLOROTHIAZIDE	15,786,876	2,962,037
ATENOLOL	15,547,492	2,395,332
SIMVASTATIN	15,174,969	3,033,915
LEVOTHYROXINE SODIUM	15,120,711	2,219,908
METOPROLOL TARTRATE	14,392,572	2,441,292
WARFARIN SODIUM	13,389,955	1,746,211

Table 2. Outcomes Estimate		
	Sample	National Estimate
Average Treatment Effect in Cost	\$3,287	\$5,468
Average Treatment Effect in Hospitalization	2.80%	4.30%
Average Treatment Effect in ER Visits	4.8	5.7
Prevalence	2.10%	3.40%

NATWEIGHT™

has been validated and was presented at numerous academic conferences, as well as published in peer-reviewed publications.

Several projects using

NATWEIGHT™

are currently conducting research for future review by various prestigious peer-reviewed journals.

NATWEIGHT™

USING BOTH PROPENSITY SCORE MATCHING AND RAKING MECHANISM

To make a sample nationally representative, adjustment for case mix differences is necessary

NATWEIGHT™

- Is a cutting-edge algorithm creating patient-level weights, adjusted for differences in demographic and socioeconomic factors as well as in health status
- Adjusts outcomes (prevalence, cost, utilization) to enhance informed decisions from unbiased results
- Combines the power of a large claims database, a convenience sample, with representativeness of a probability sample

STATinMED Research provides research, consulting and targeted communications to global pharmaceutical, biotechnology and health information companies.

STATinMED brings a unique blend of corporate and academic credibility to its projects. All researchers hold academic positions at prestigious universities.

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