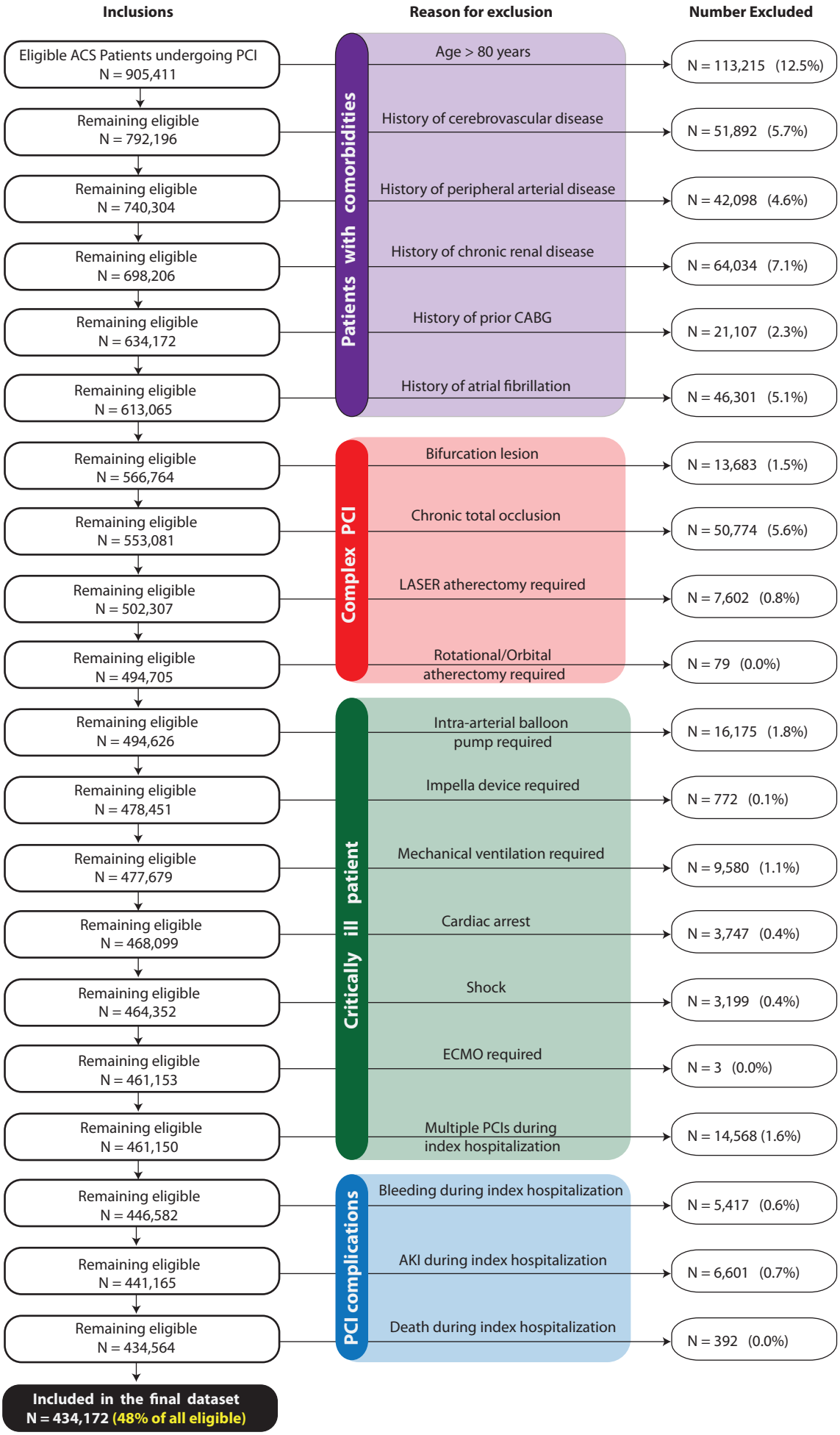
Inclusions
Reason for exclusion
Number Excluded
Eligible ACS Patients undergoing PCI
N = 905,411
Remaining eligible
N = 792,196
Remaining eligible
N = 740,304
Remaining eligible
N = 698,206
Remaining eligible
N = 634,172
Remaining eligible
N = 613,065
Remaining eligible
N = 566,764
Remaining eligible
N = 553,081
Remaining eligible
N = 502,307
Remaining eligible
N = 494,705
Remaining eligible
N = 494,626
Remaining eligible
N = 478,451
Remaining eligible
N = 477,679
Remaining eligible
N = 468,099
Remaining eligible
N = 464,352
Remaining eligible
N = 461,153
Remaining eligible
N = 461,150
Remaining eligible
N = 446,582
Remaining eligible
N = 441,165
Remaining eligible
N = 434,564
Included in the final dataset
N = 434,172 (48% of all eligible)
Patients with comorbidities
Age > 80 years
N = 113,215 (12.5%)
History of cerebrovascular disease
N = 51,892 (5.7%)
History of peripheral arterial disease
N = 42,098 (4.6%)
History of chronic renal disease
N = 64,034 (7.1%)
History of prior CABG
N = 21,107 (2.3%)
History of atrial fibrillation
N = 46,301 (5.1%)
Complex PCI
Bifurcation lesion
N = 13,683 (1.5%)
Chronic total occlusion
N = 50,774 (5.6%)
LASER atherectomy required
N = 7,602 (0.8%)
Rotational/Orbital atherectomy required
N = 79 (0.0%)
Critically ill patient
Intra-arterial balloon pump required
N = 16,175 (1.8%)
Impella device required
N = 772 (0.1%)
Mechanical ventilation required
N = 9,580 (1.1%)
Cardiac arrest
N = 3,747 (0.4%)
Shock
N = 3,199 (0.4%)
ECMO required
N = 3 (0.0%)
Multiple PCIs during index hospitalization
N = 14,568 (1.6%)
PCI complications
Bleeding during index hospitalization
N = 5,417 (0.6%)
AKI during index hospitalization
N = 6,601 (0.7%)
Death during index hospitalization
N = 392 (0.0%)