e-Table 1: Variables with ICD-9 codes

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| Variable | ICD-9 codes |  |  |
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| Acute myocardial infarction |  |  |  |
|  ST-elevation myocardial infarction | 410.0-410.62, 410.81-410.82, 410.90-410.92 |  |  |
|  Non-ST-elevation myocardial infarction  | 410.70-410.72 |  |  |
| Heavy drinking Acute effects of alcohol Alcohol withdrawal Acute alcoholic hepatitis Alcoholic gastritis Acute alcohol intoxicationChronic effects of alcohol Alcohol dependence  Alcoholic polyneuropathy Alcoholic cardiomyopathy Alcoholic liver damageSmoking Chronic liver diseasePeripheral vascular diseaseHypertension Diabetes Renal failureDrug abuseGastro-intestinal bleeding | 291.0-291.9, 303.0-303.93, 305.0-305.03, 571.0-571.3, 535.30-535.31, 425.5, 357.5   291.0-291.81 571.1 535.30-535.31 303.0-303.03 305.0-305.03 357.5 425.5 571.0, 571.2, 571.3 V15.82, 305.1-305.13 070.22-070.54, 456.0-456.21, 571.40-571.9, 572.3- 572.8, 573.5  440-440.9, 441.0-441.9, 442.0-442.9, 443.0-443.9,  444.21- 444.22, 447.1, 449, 557.1, 557.9, V43.4  401.0-401.9, 402.0-405.99, 437.2, 642.0-642.94  249.0-249.91, 250.0-250.93, 648.0-648.04, 775.1  403.01-403.91, 404.02-404.93, 585.3-585.9, 586,  V42.0, V45.1, V45.11, V45.12, V56.0-V56.32, V56.8  292.0-292.9, 304.0-304.93, 305.20-305.93, 648.30-34  531.0-531.61, 532.0-532.61, 533.0-533.61, 534.0-534.61, 578.1, 530.7, 456.0-456.20, 530.82, 569.3, 578.0-578.9  |  |  |
| Arrhythmia |  427.0-427.9, 785.0-785.1 |  |  |
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