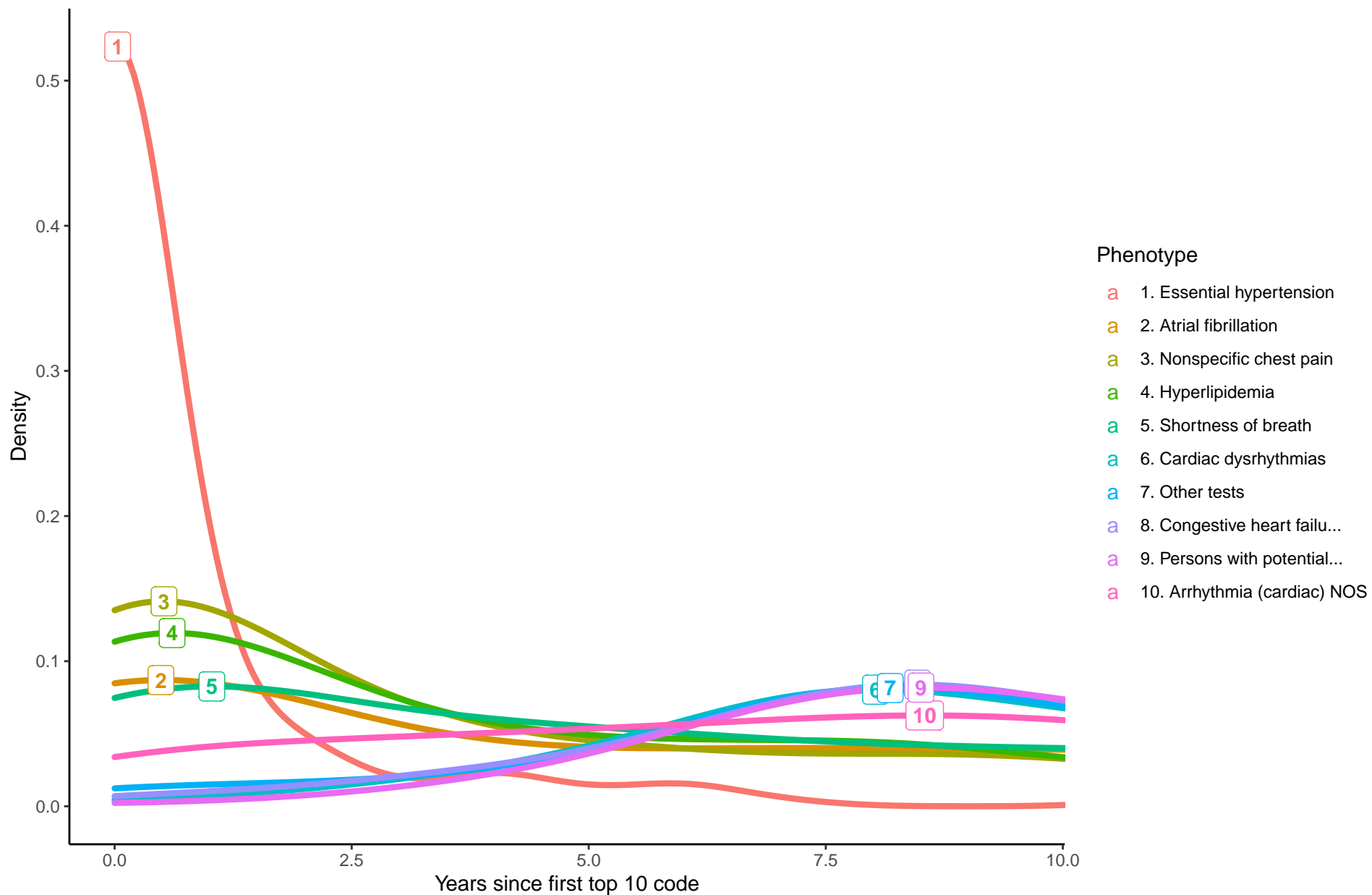


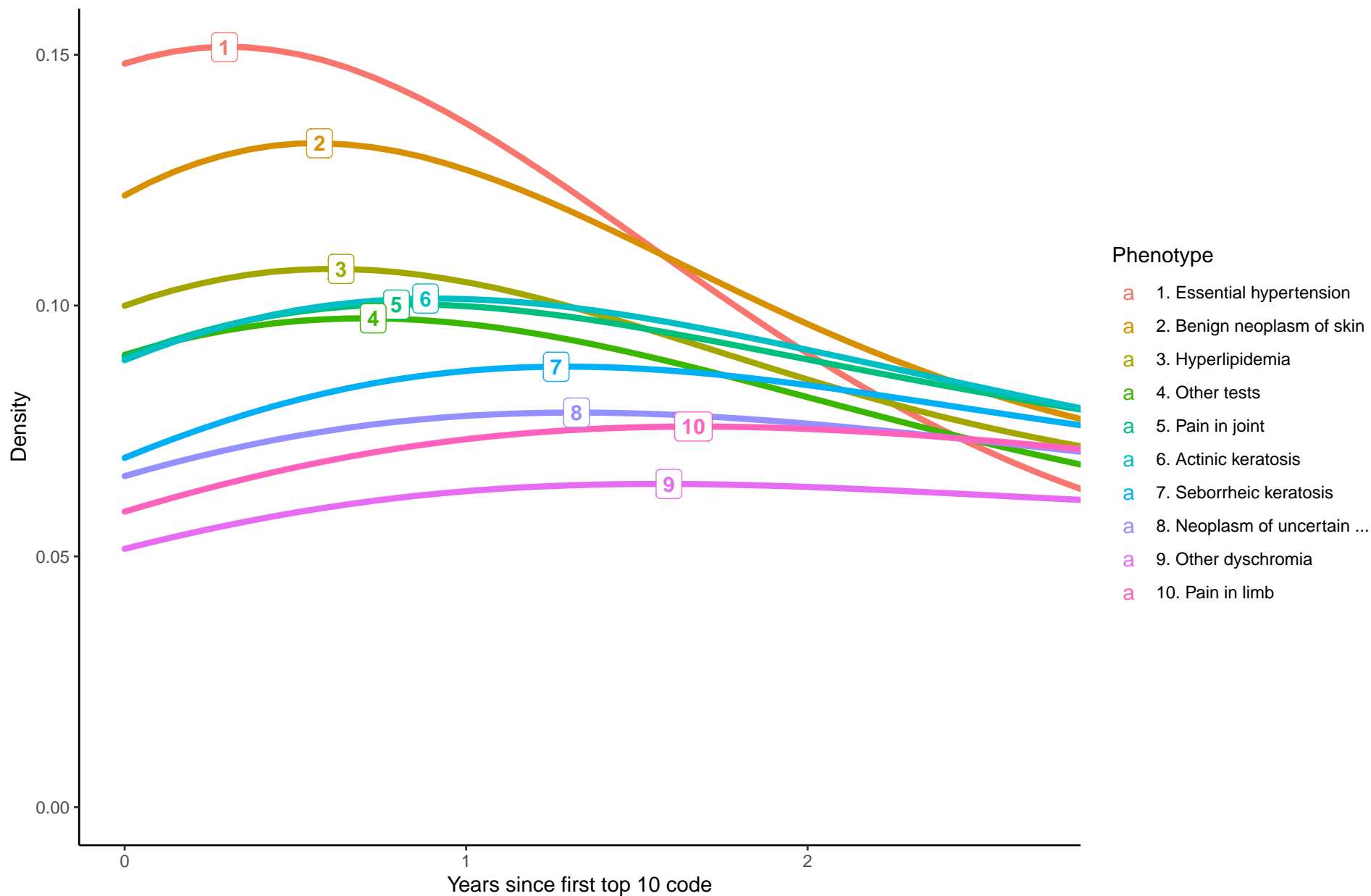
Distribution top 10 PheCodes through time

Cluster 1 Combined N = 209



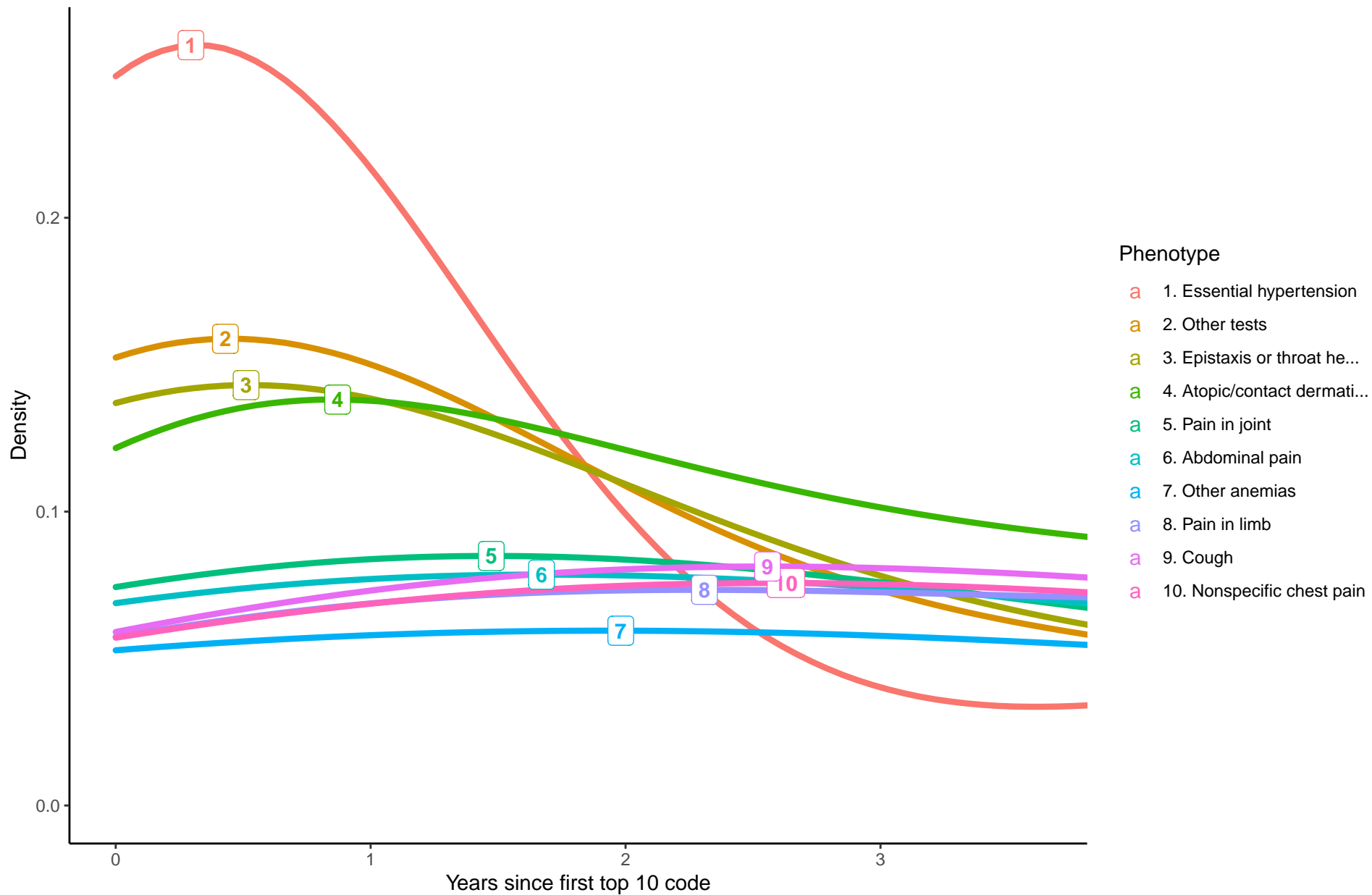
Distribution top 10 PheCodes through time

Cluster N = 2079



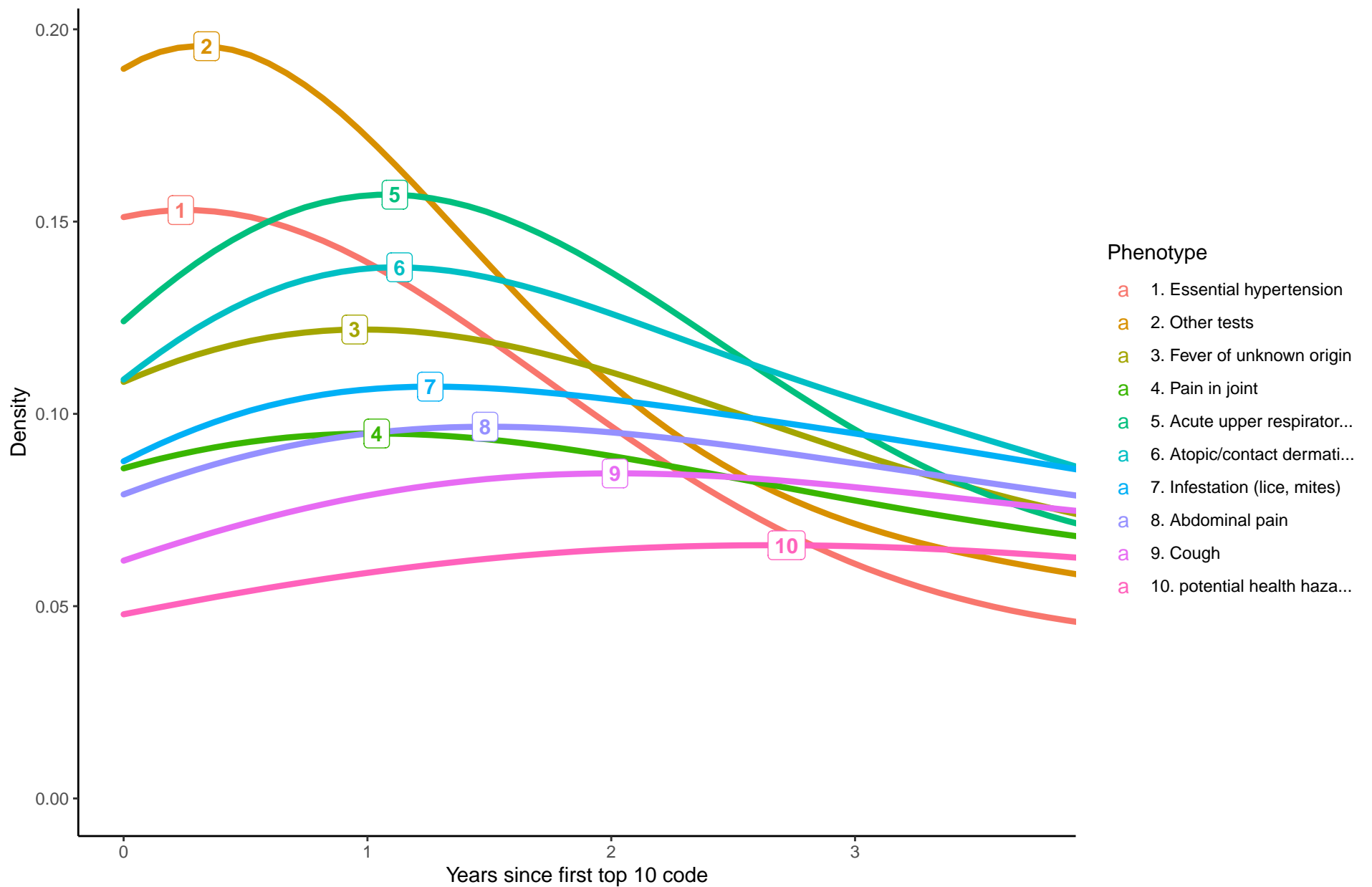
Distribution top 10 PheCodes through time

Cluster 100 Combined N = 142



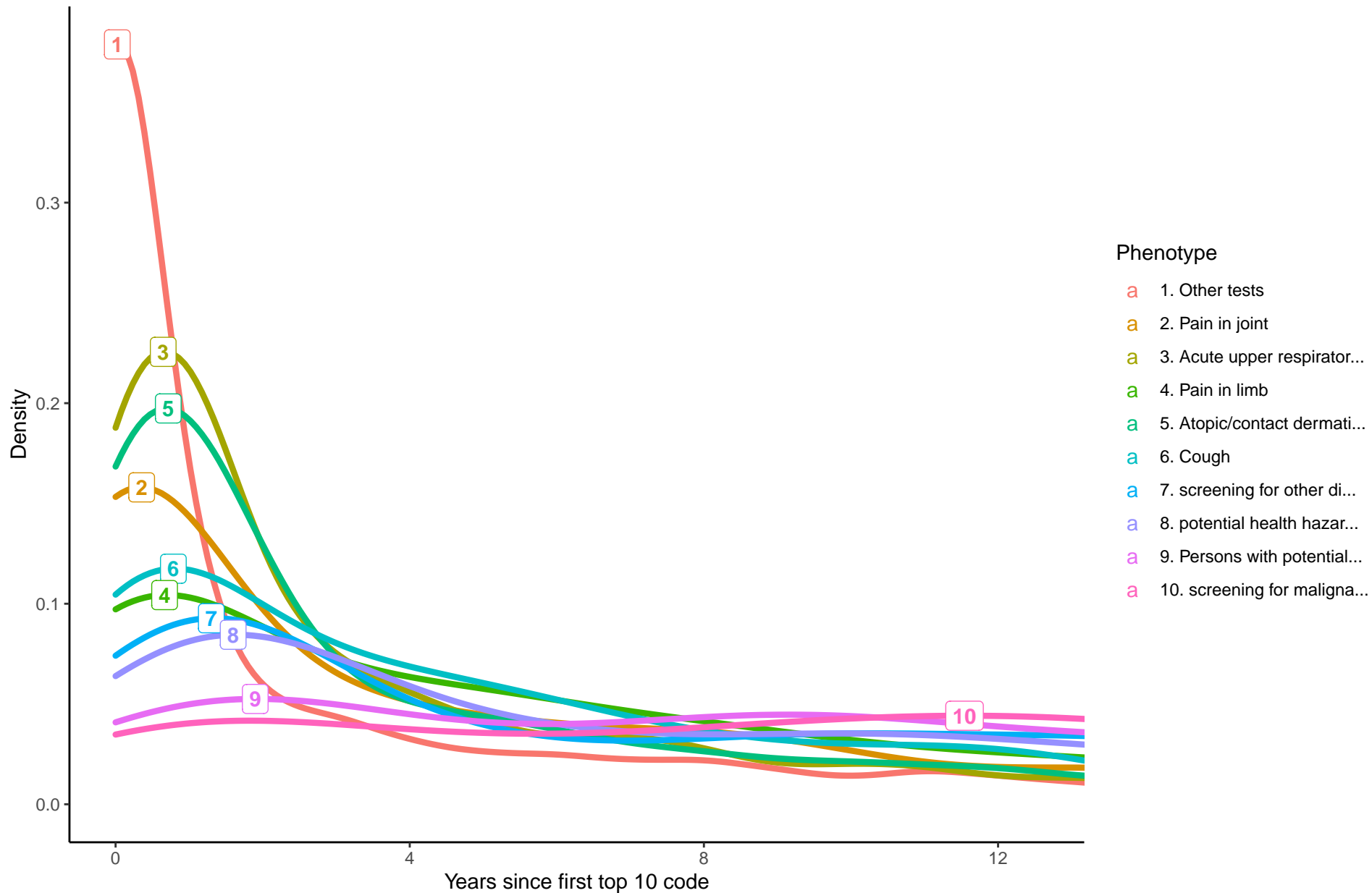
Distribution top 10 PheCodes through time

Cluster 101 Combined N = 338



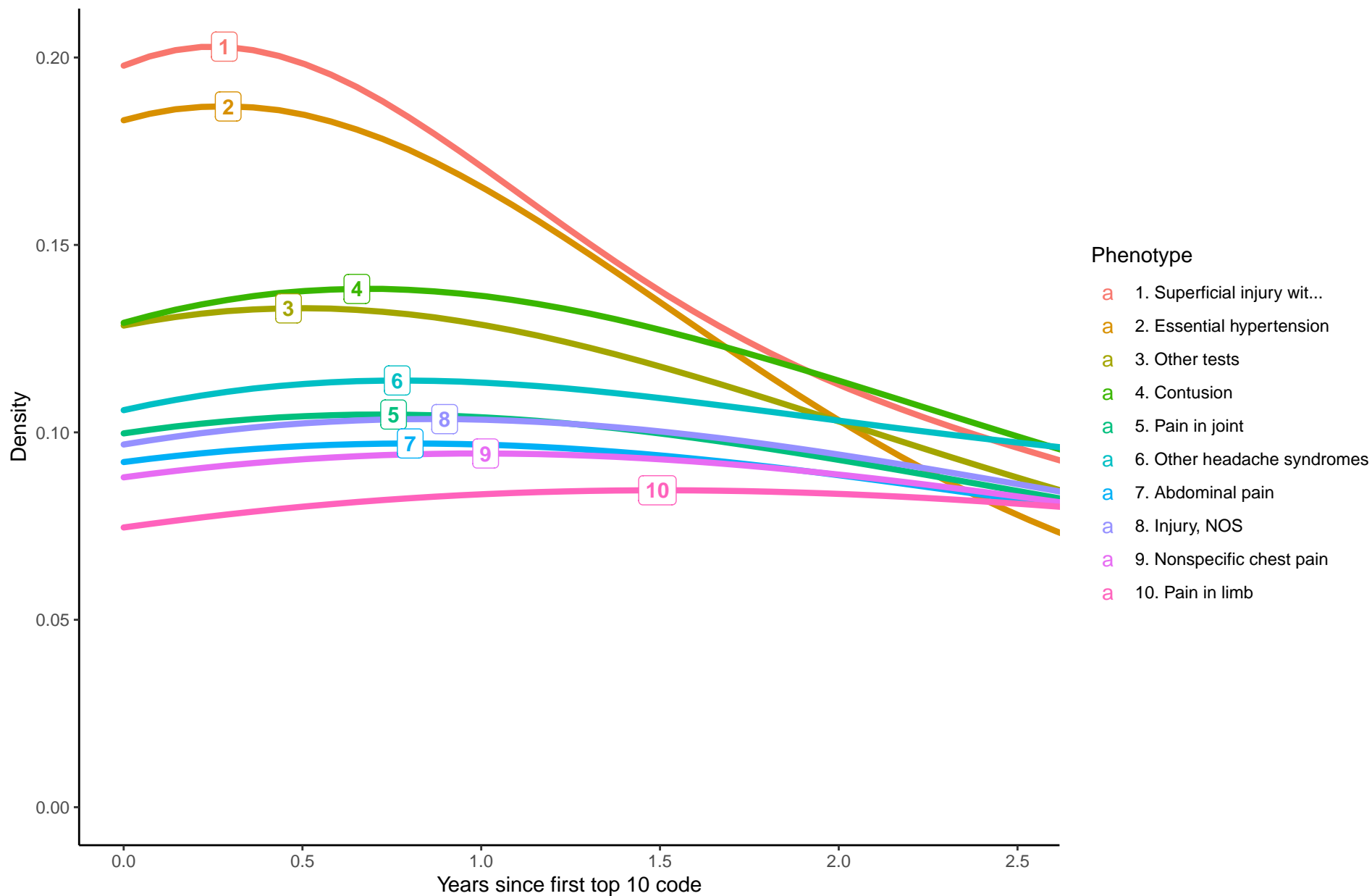
Distribution top 10 PheCodes through time

Cluster 102 Combined N = 1935



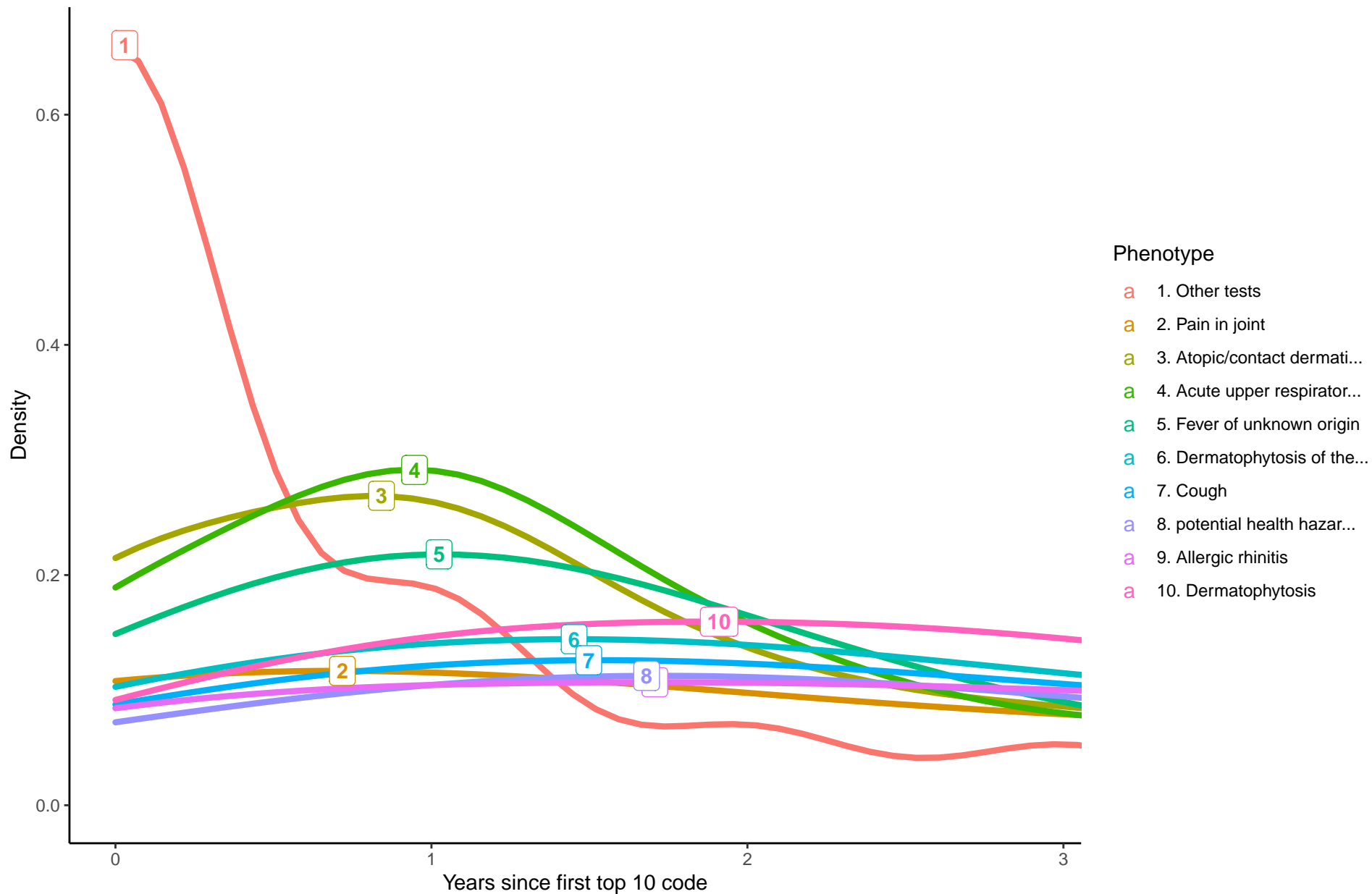
Distribution top 10 PheCodes through time

Cluster 103 Combined N = 420



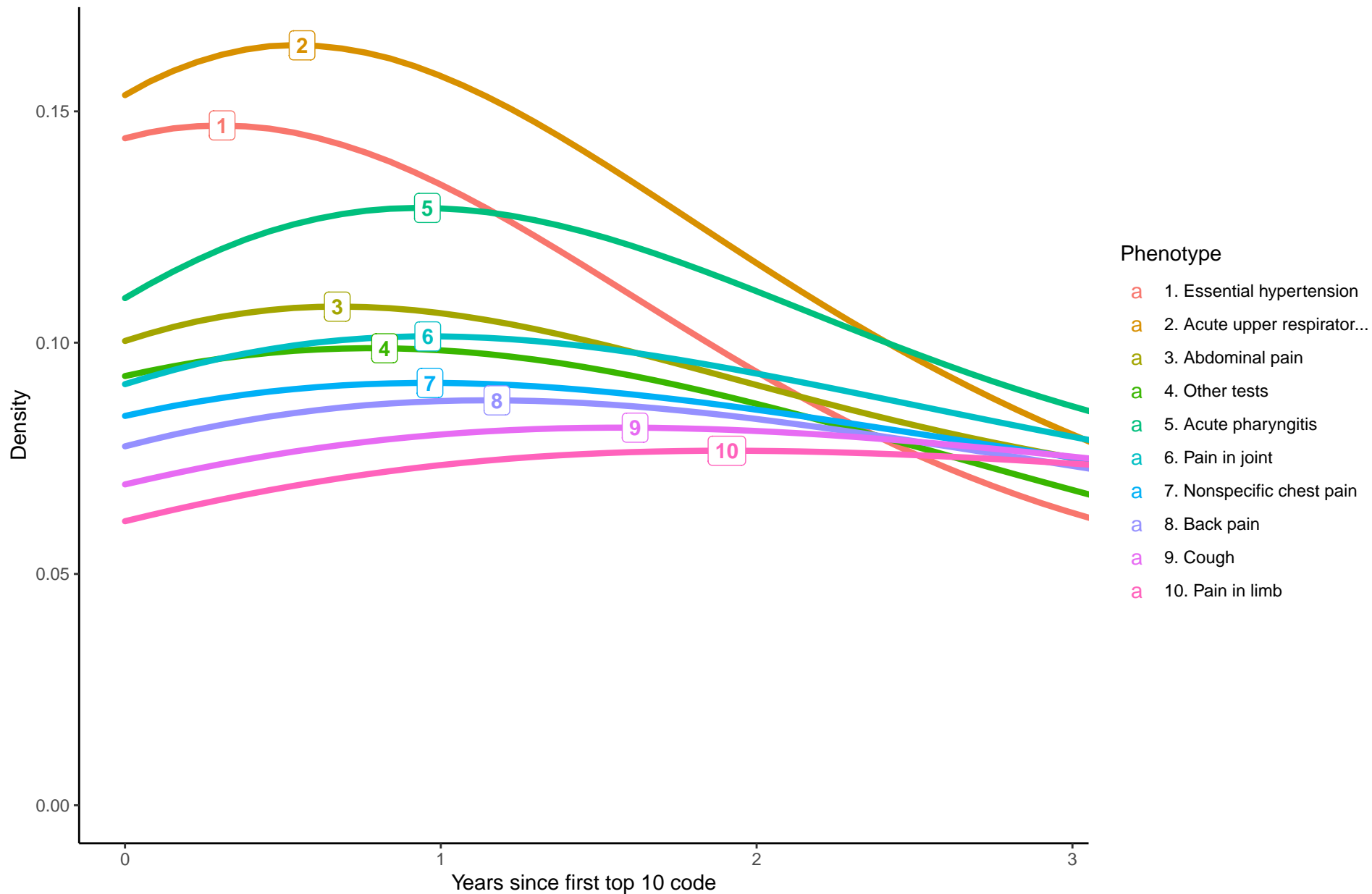
Distribution top 10 PheCodes through time

Cluster 104 Combined N = 1019



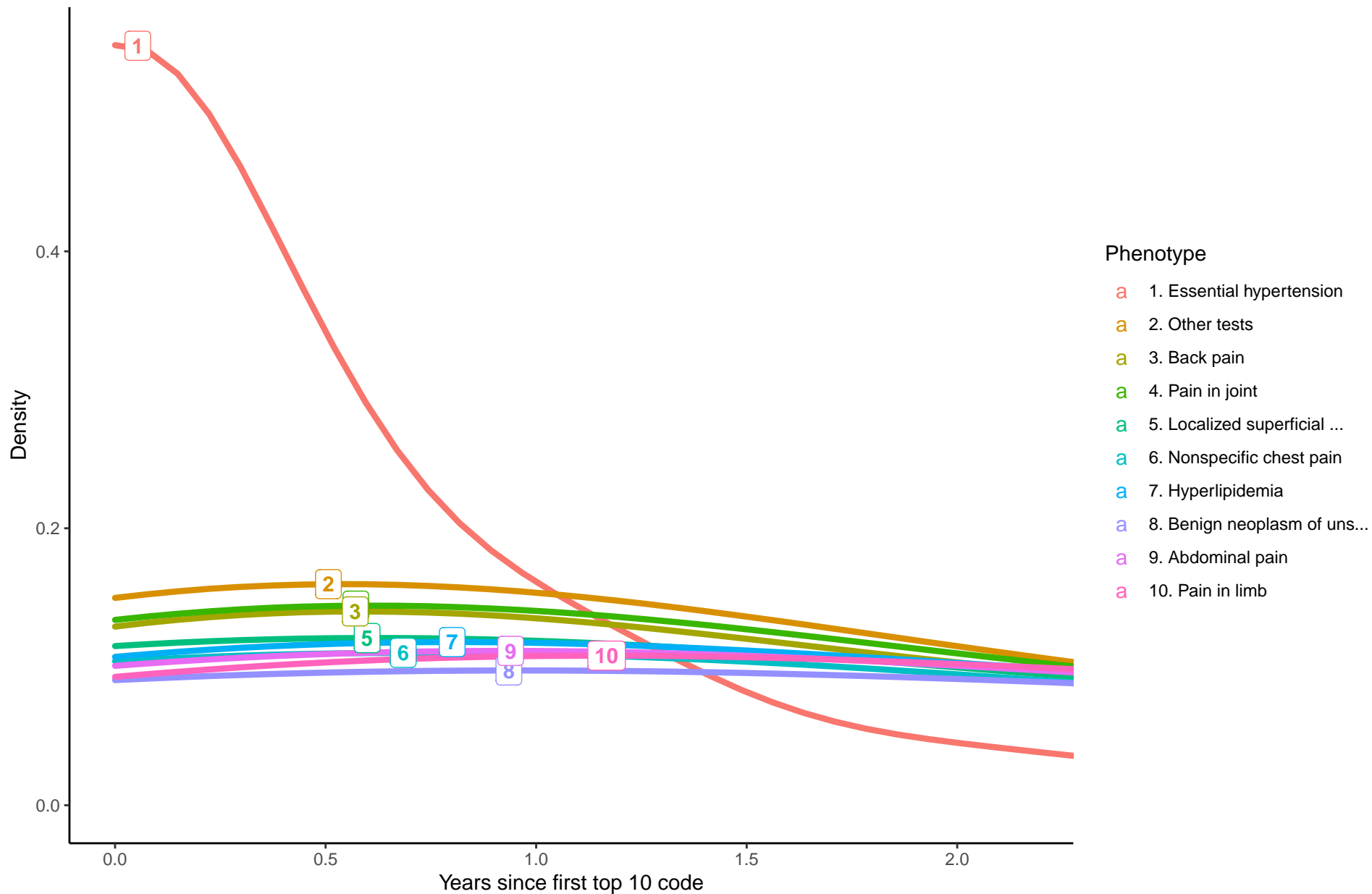
Distribution top 10 PheCodes through time

Cluster 105 Combined N = 901



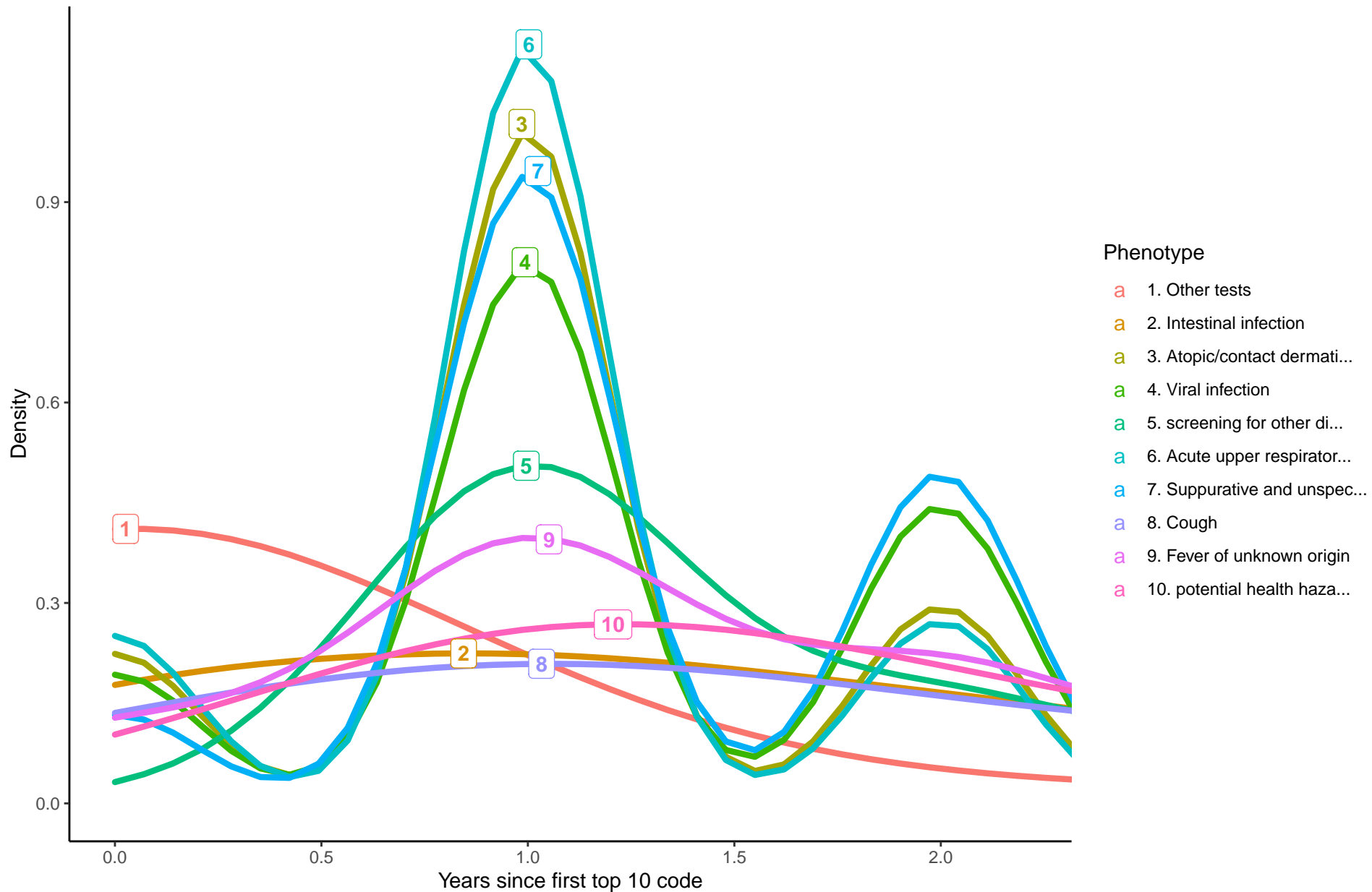
Distribution top 10 PheCodes through time

Cluster 106 Combined N = 603



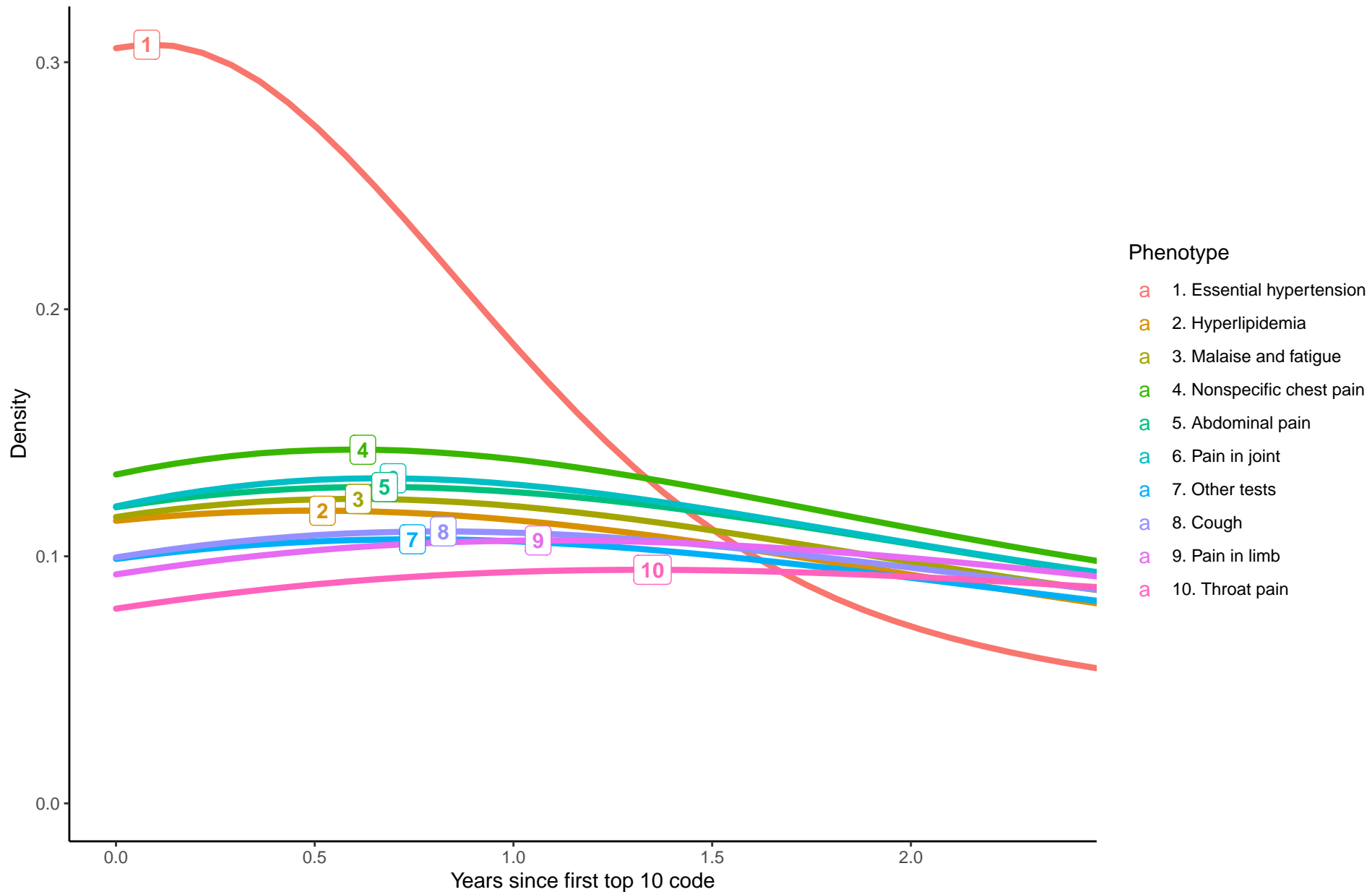
Distribution top 10 PheCodes through time

Cluster 107 Combined N = 822



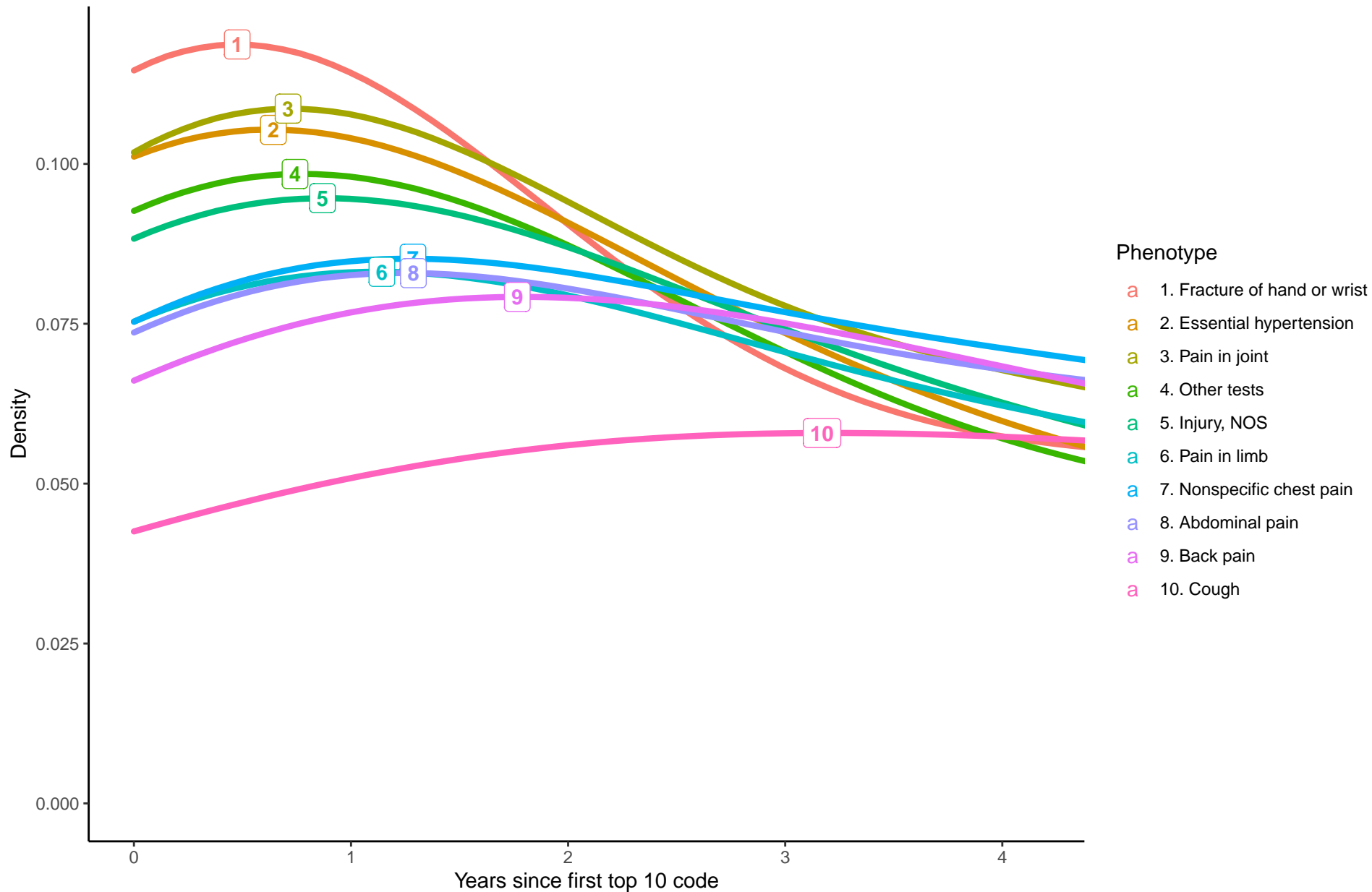
Distribution top 10 PheCodes through time

Cluster 108 Combined N = 816



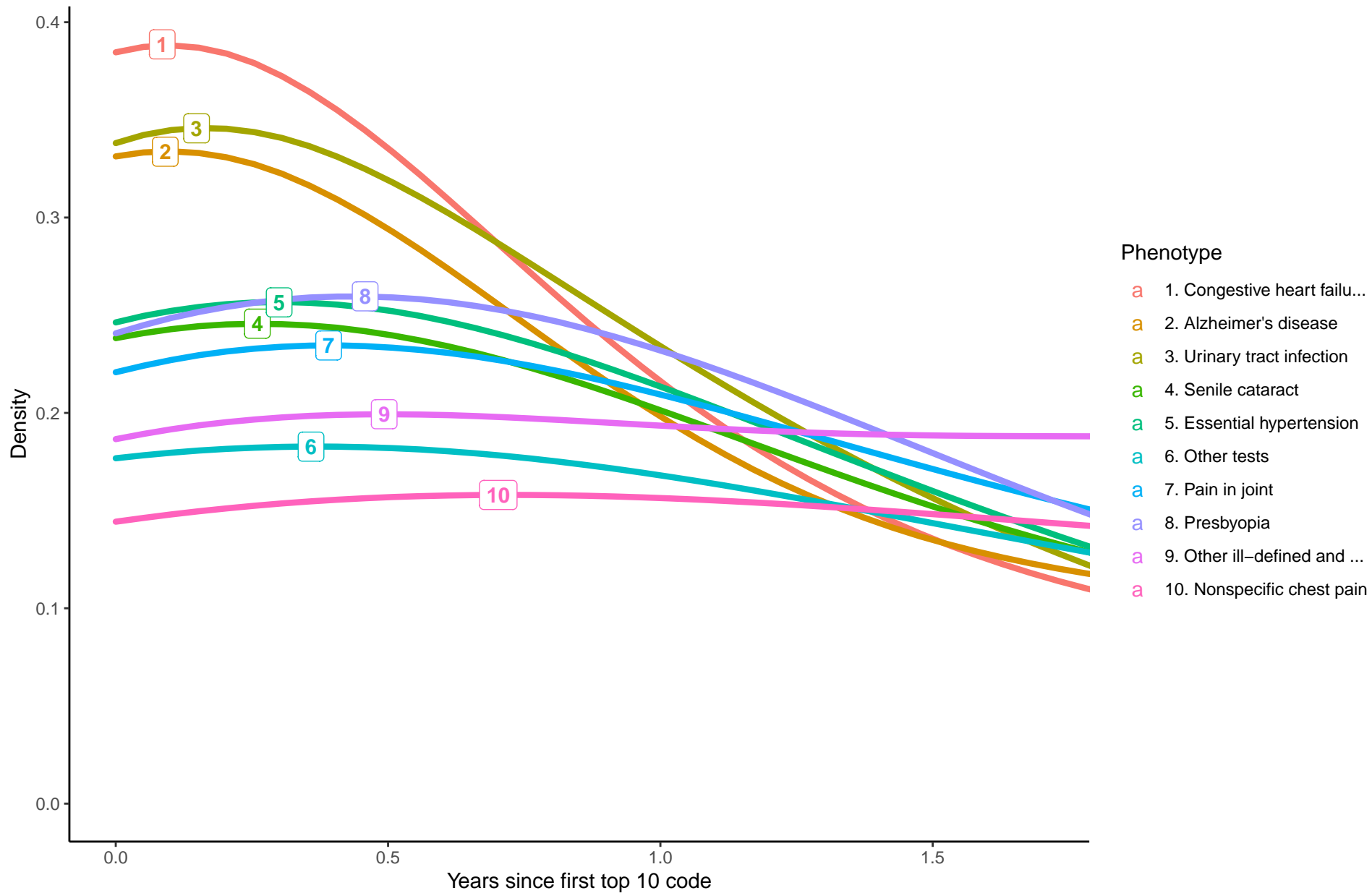
Distribution top 10 PheCodes through time

Cluster 109 Combined N = 600



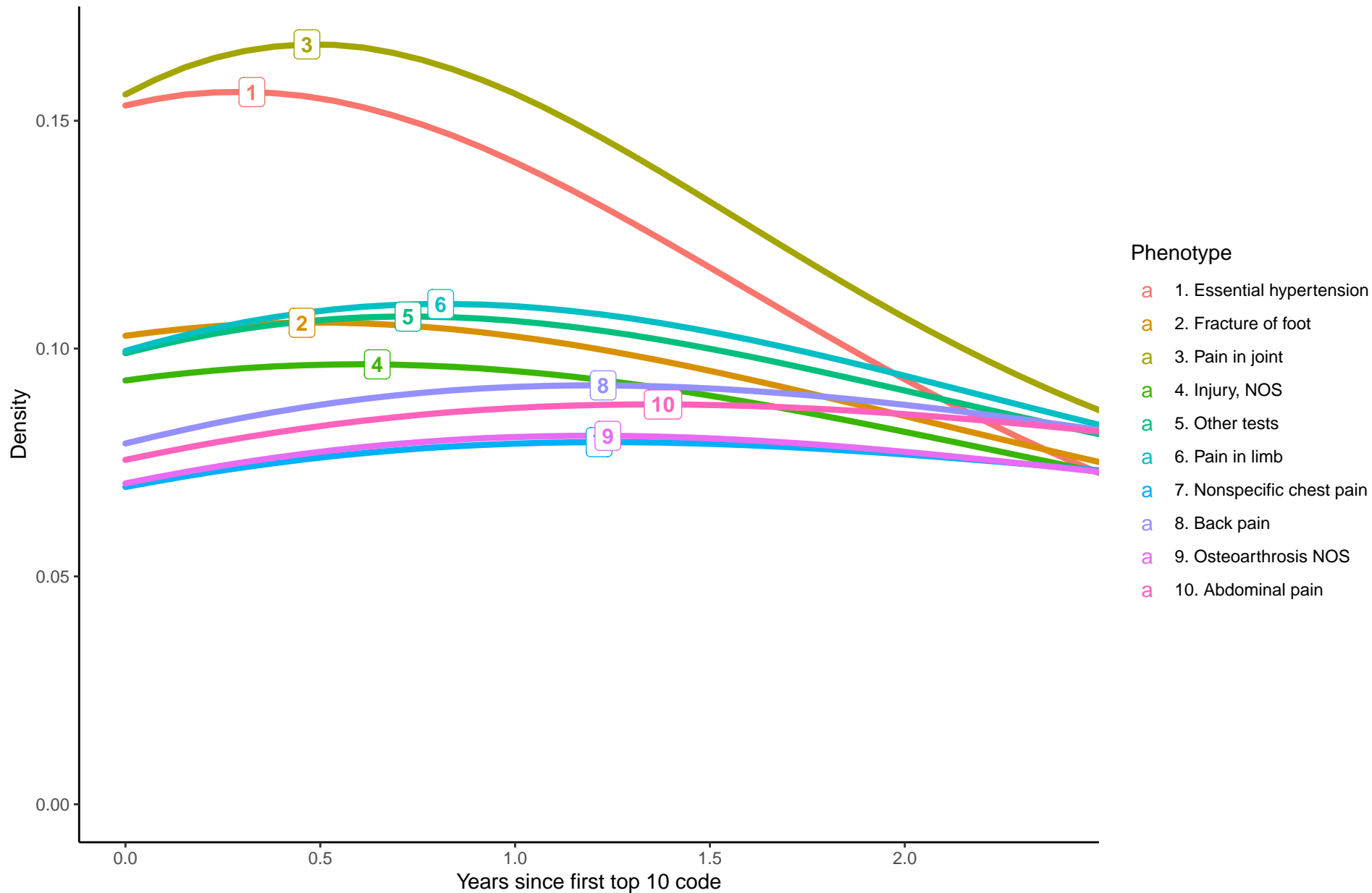
Distribution top 10 PheCodes through time

Cluster 11 Combined N = 188



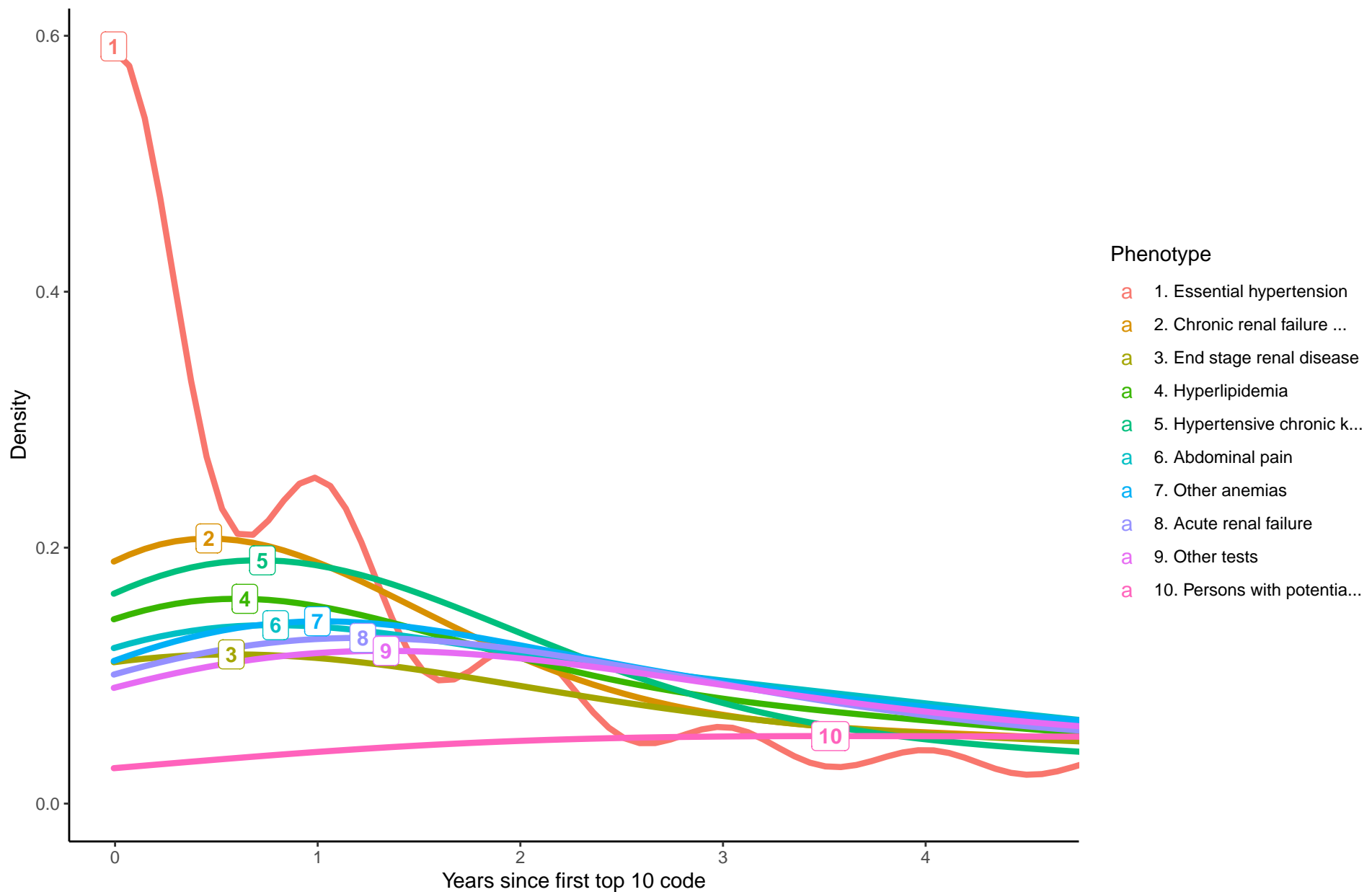
Distribution top 10 PheCodes through time

Cluster 110 Combined N = 1033



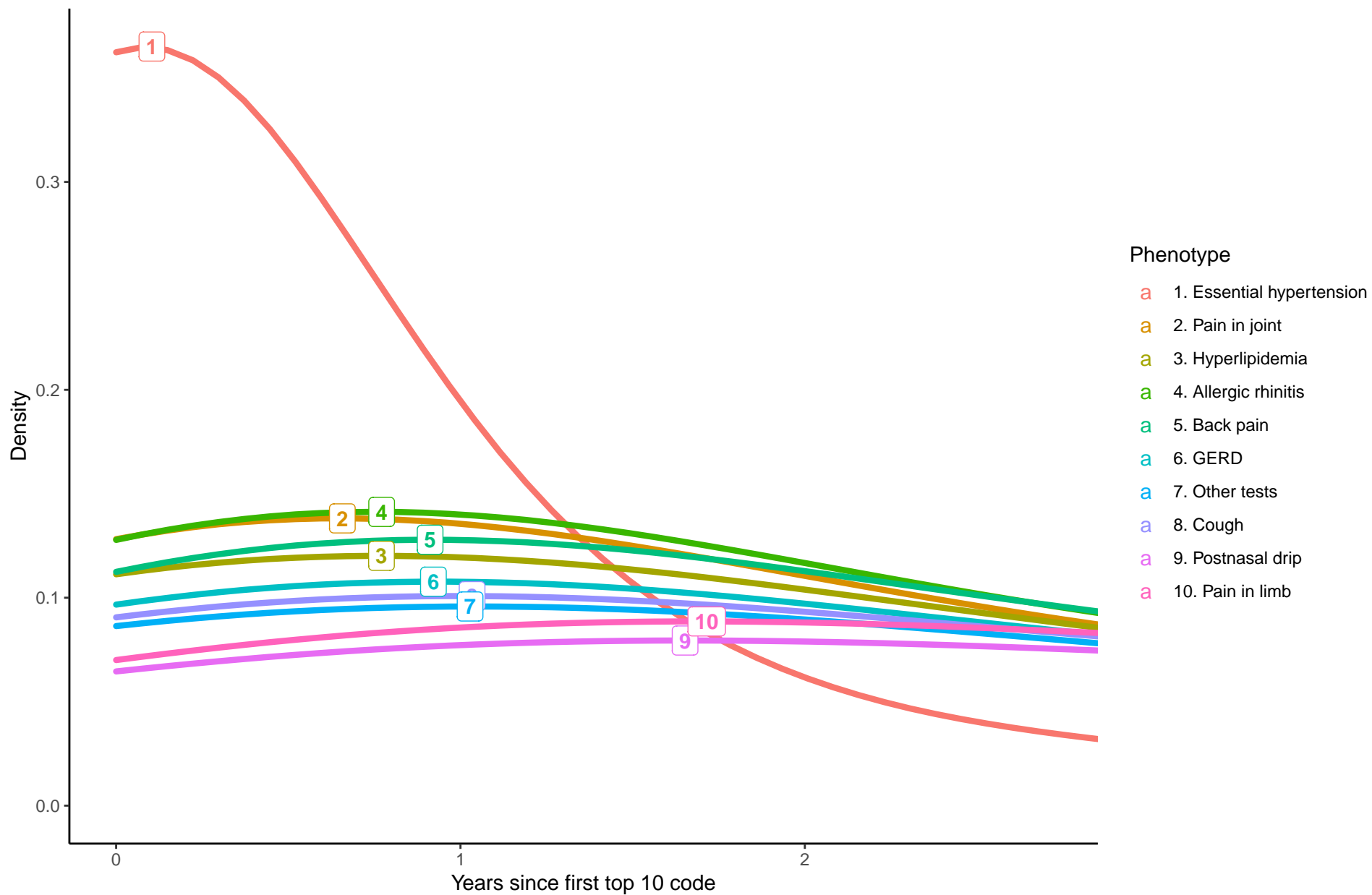
Distribution top 10 PheCodes through time

Cluster 111 Combined N = 1640



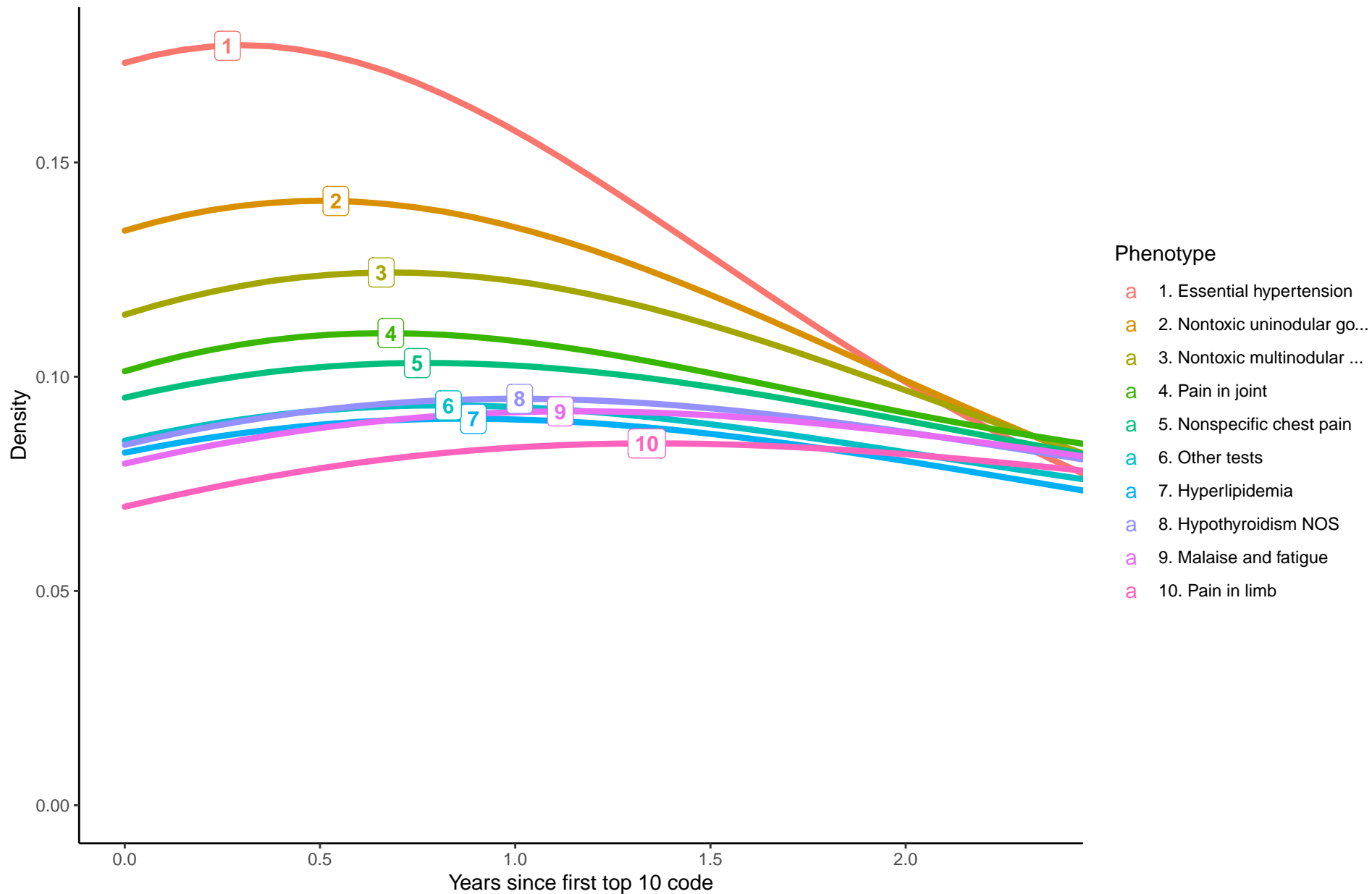
Distribution top 10 PheCodes through time

Cluster 112 Combined N = 451



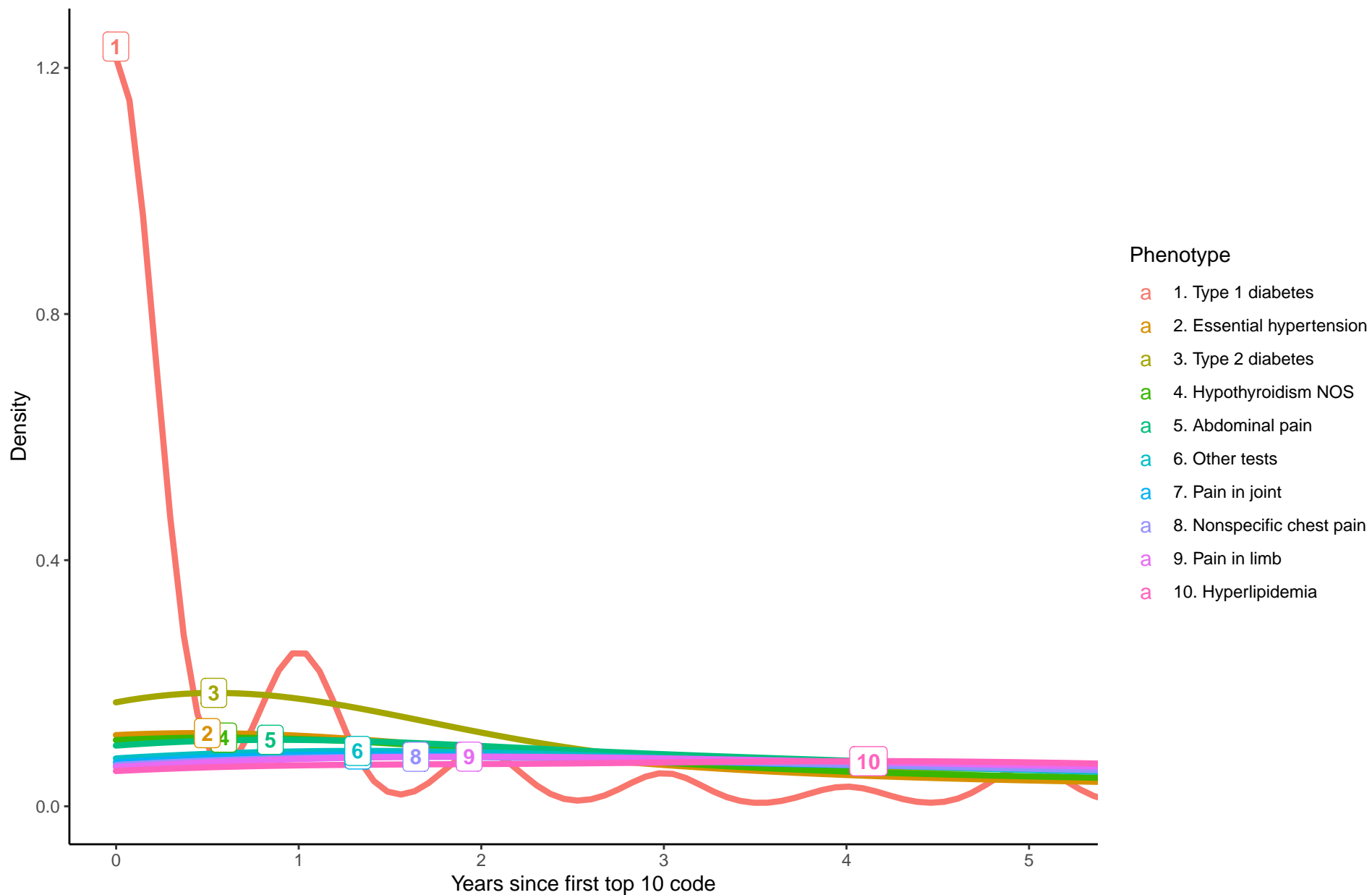
Distribution top 10 PheCodes through time

Cluster 113 Combined N = 1465



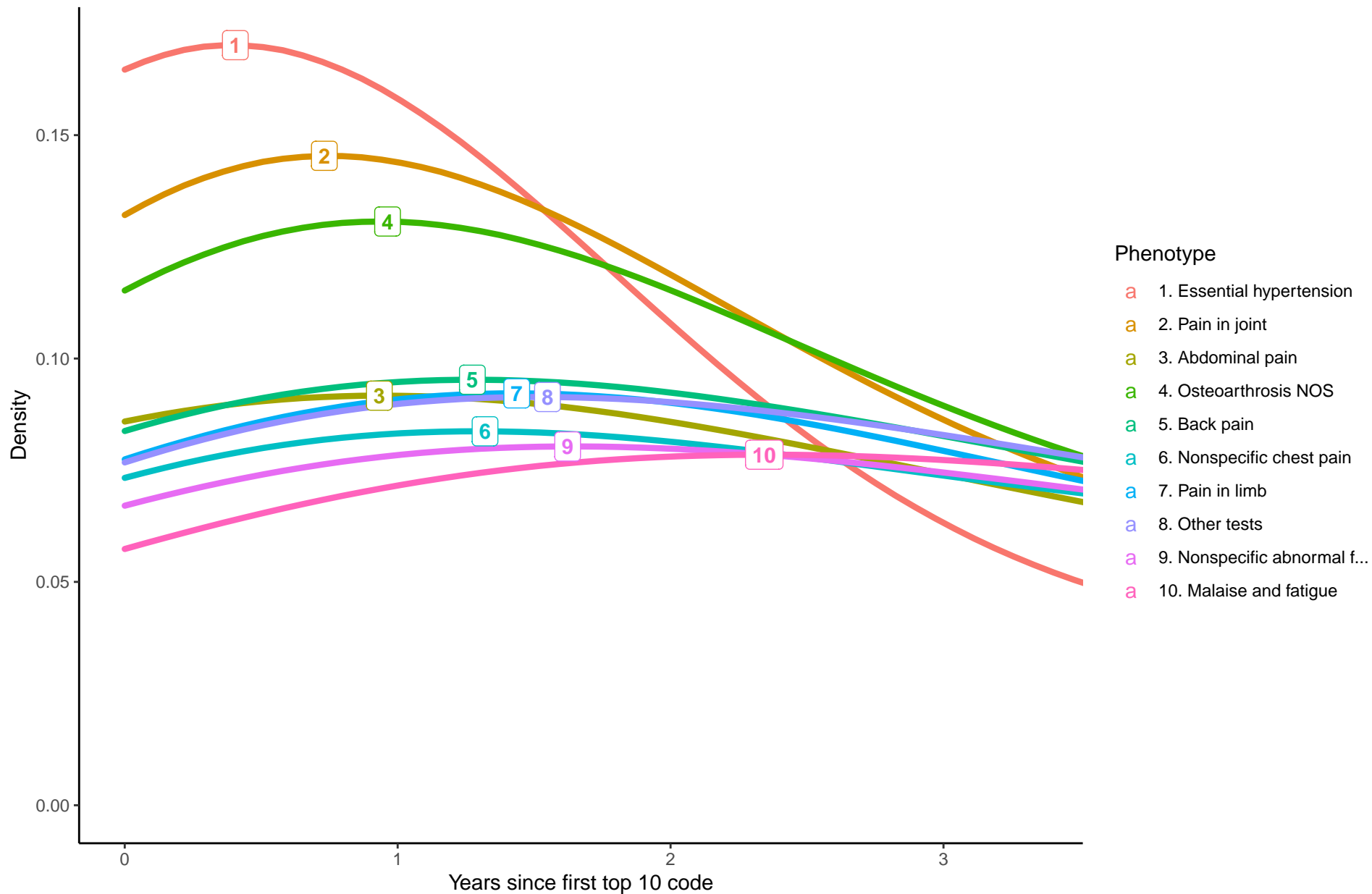
Distribution top 10 PheCodes through time

Cluster 114 Combined N = 611



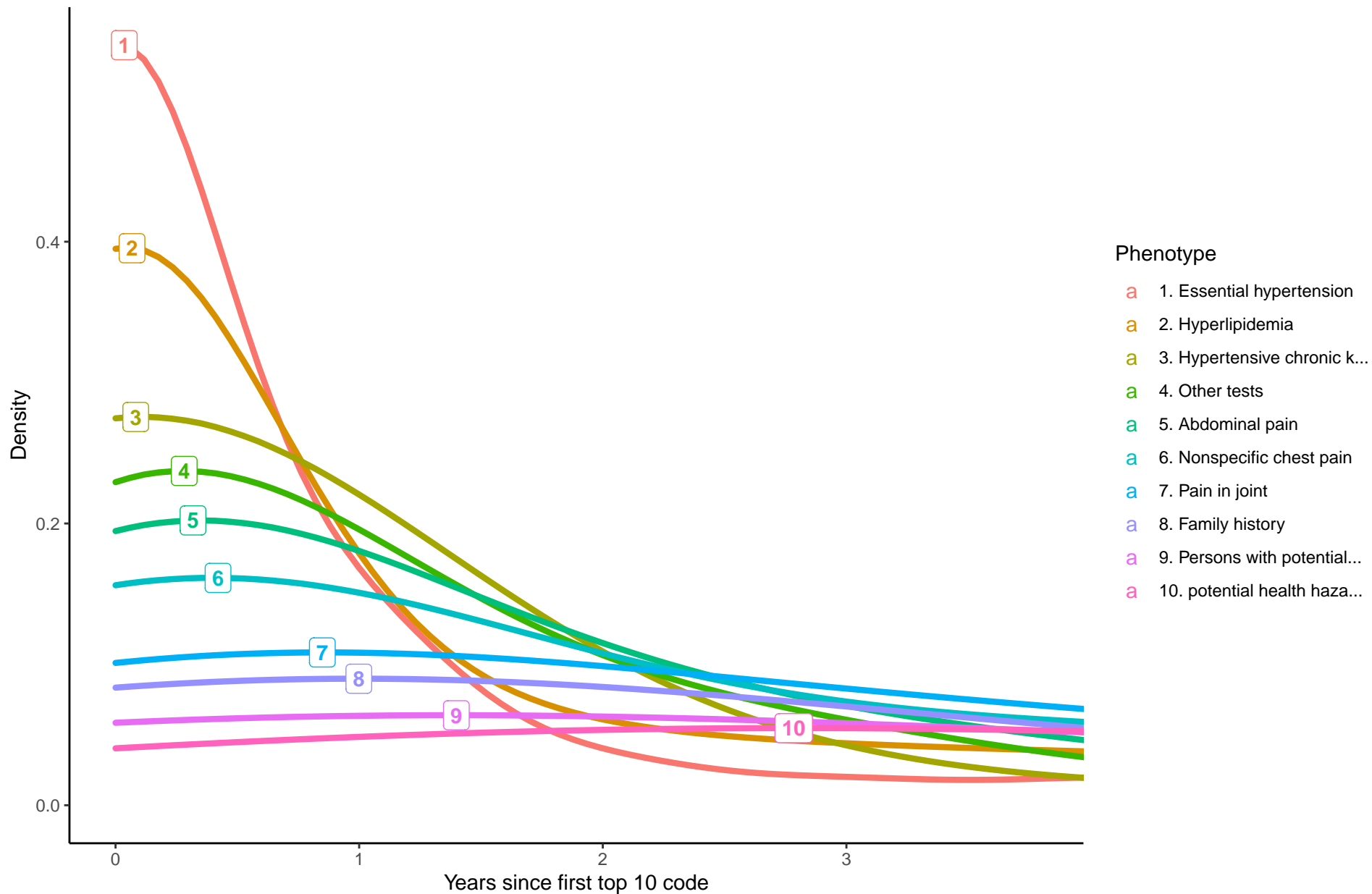
Distribution top 10 PheCodes through time

Cluster 12 Combined N = 320



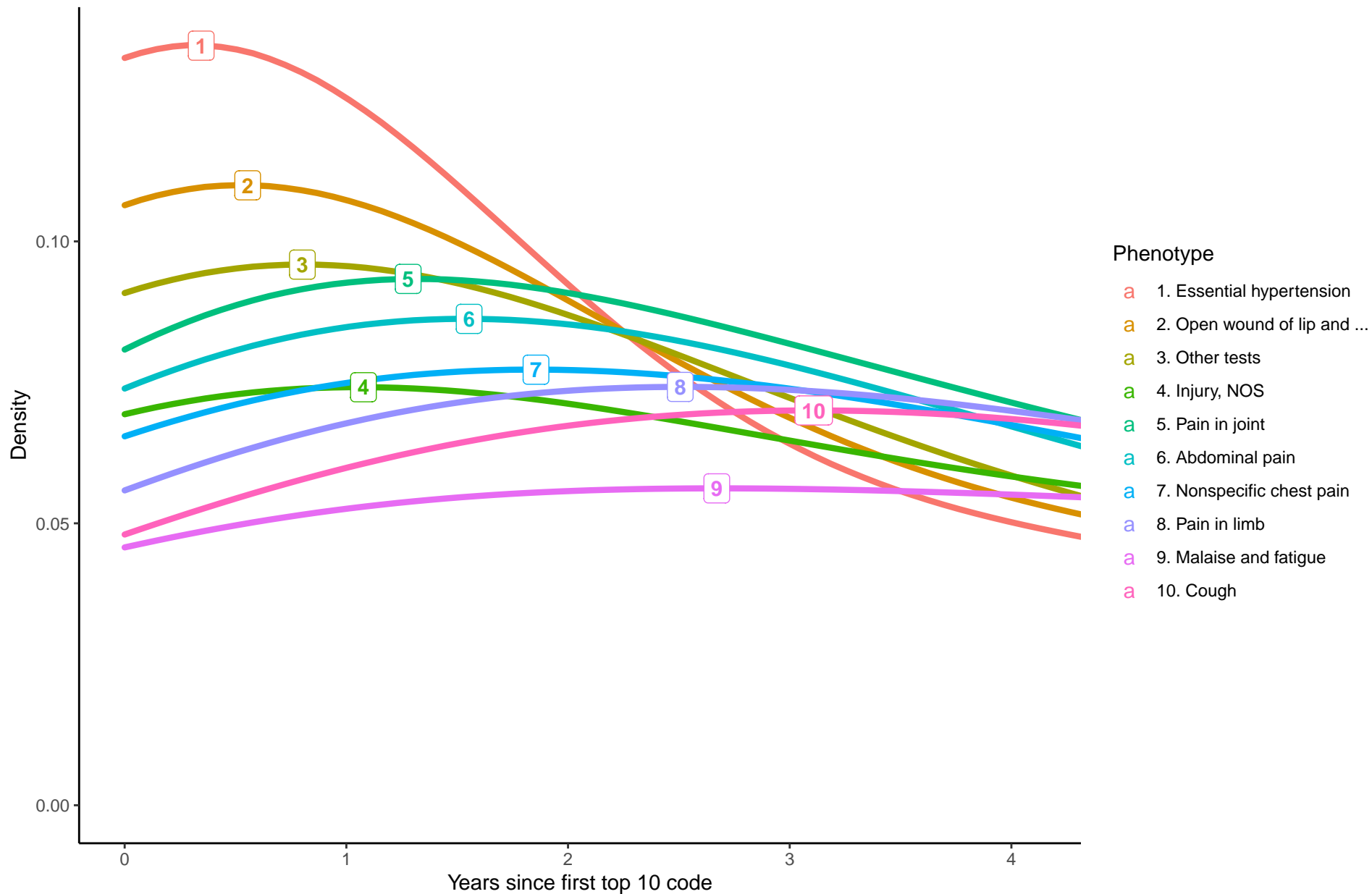
Distribution top 10 PheCodes through time

Cluster 13 Combined N = 492



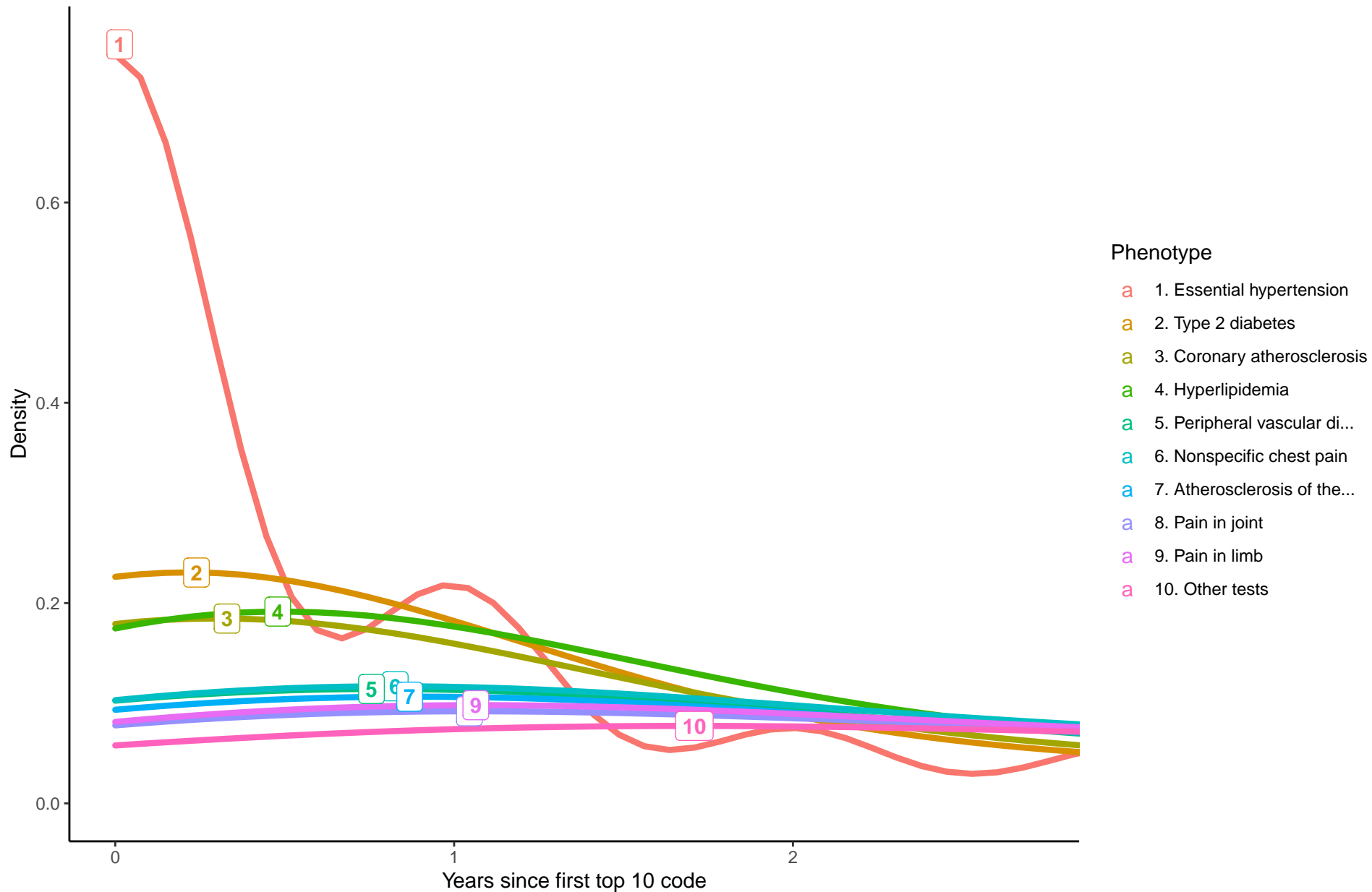
Distribution top 10 PheCodes through time

Cluster 14 Combined N = 480



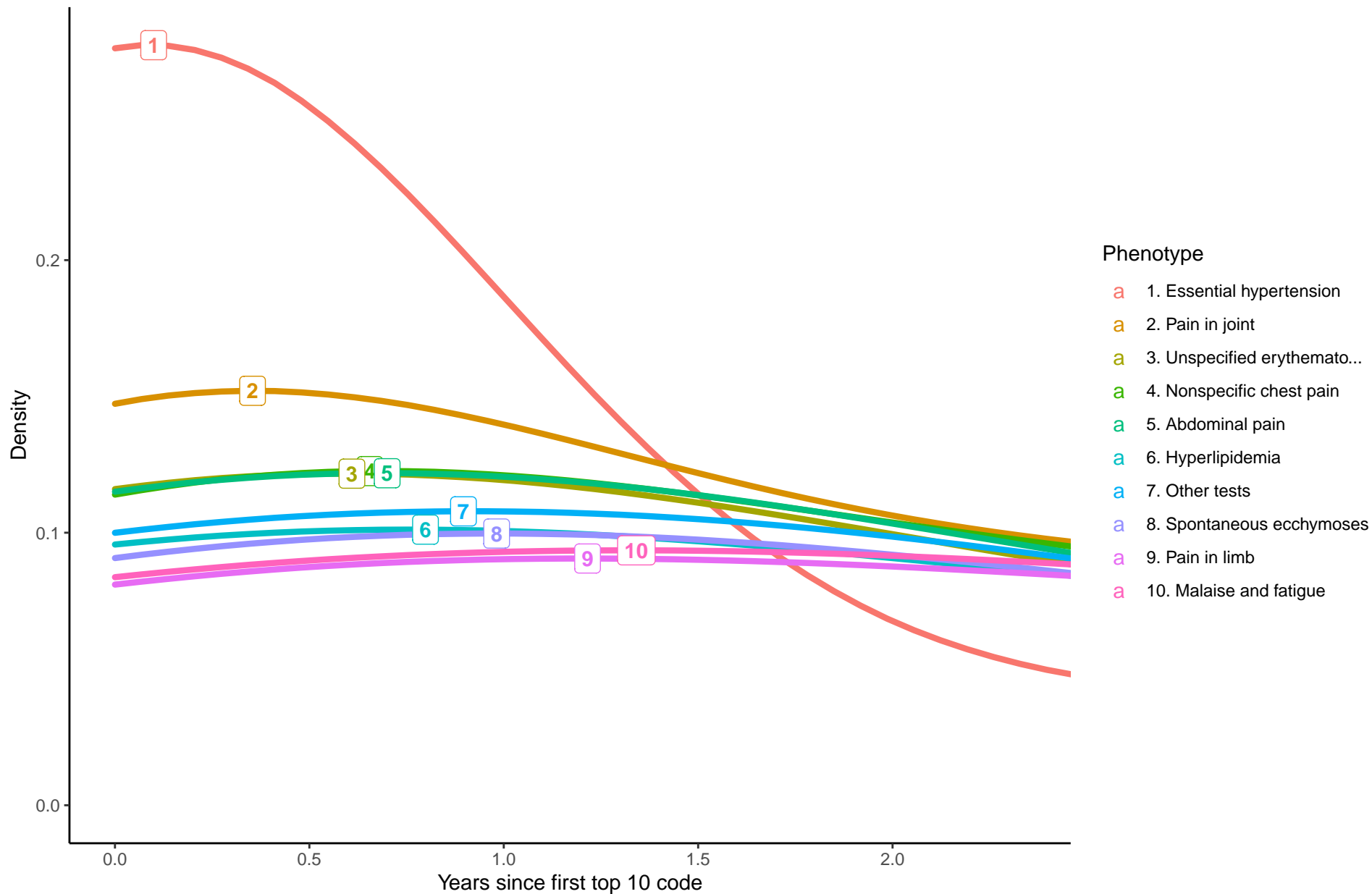
Distribution top 10 PheCodes through time

Cluster 15 Combined N = 2443



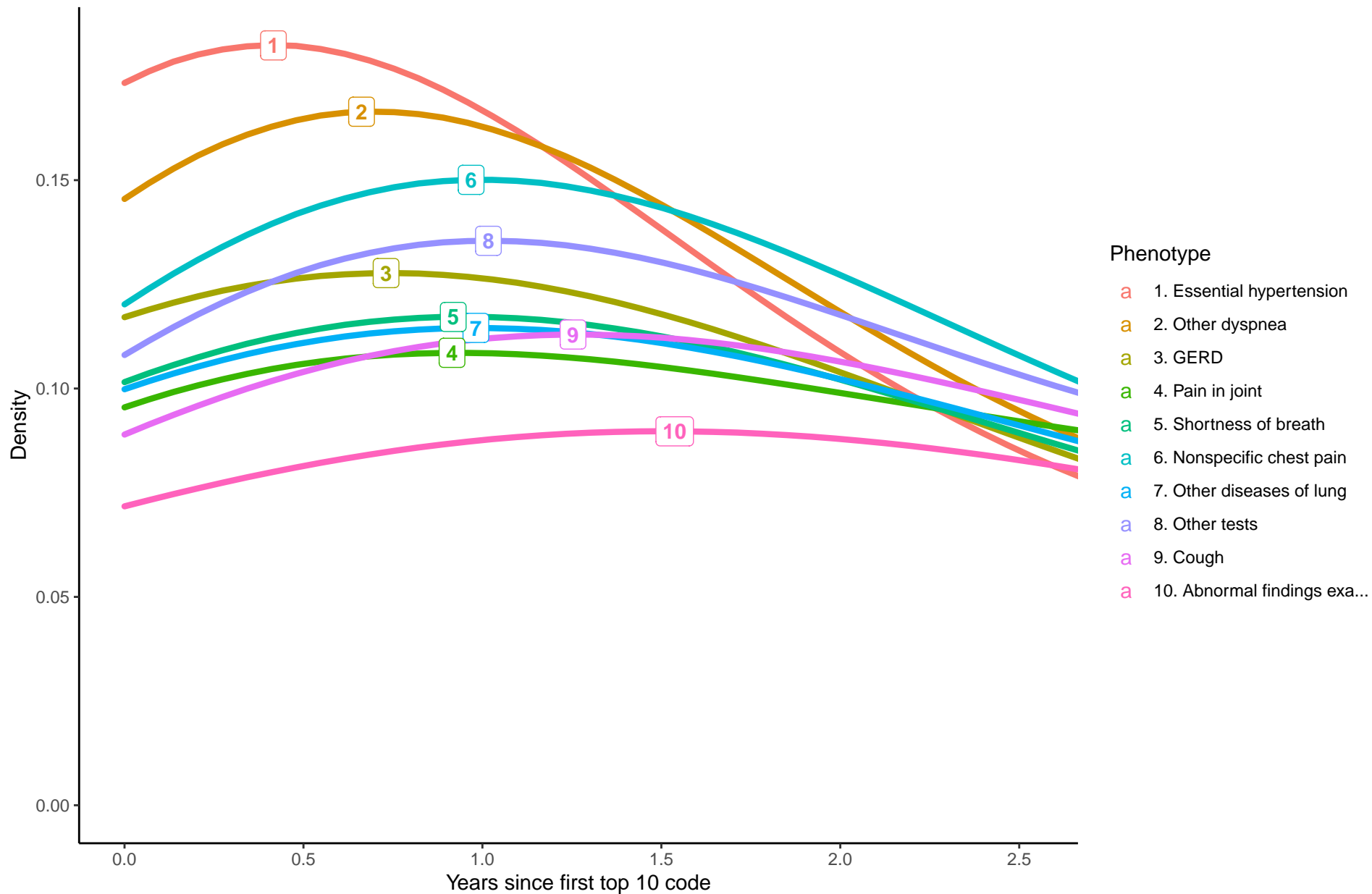
Distribution top 10 PheCodes through time

Cluster 16 Combined N = 397



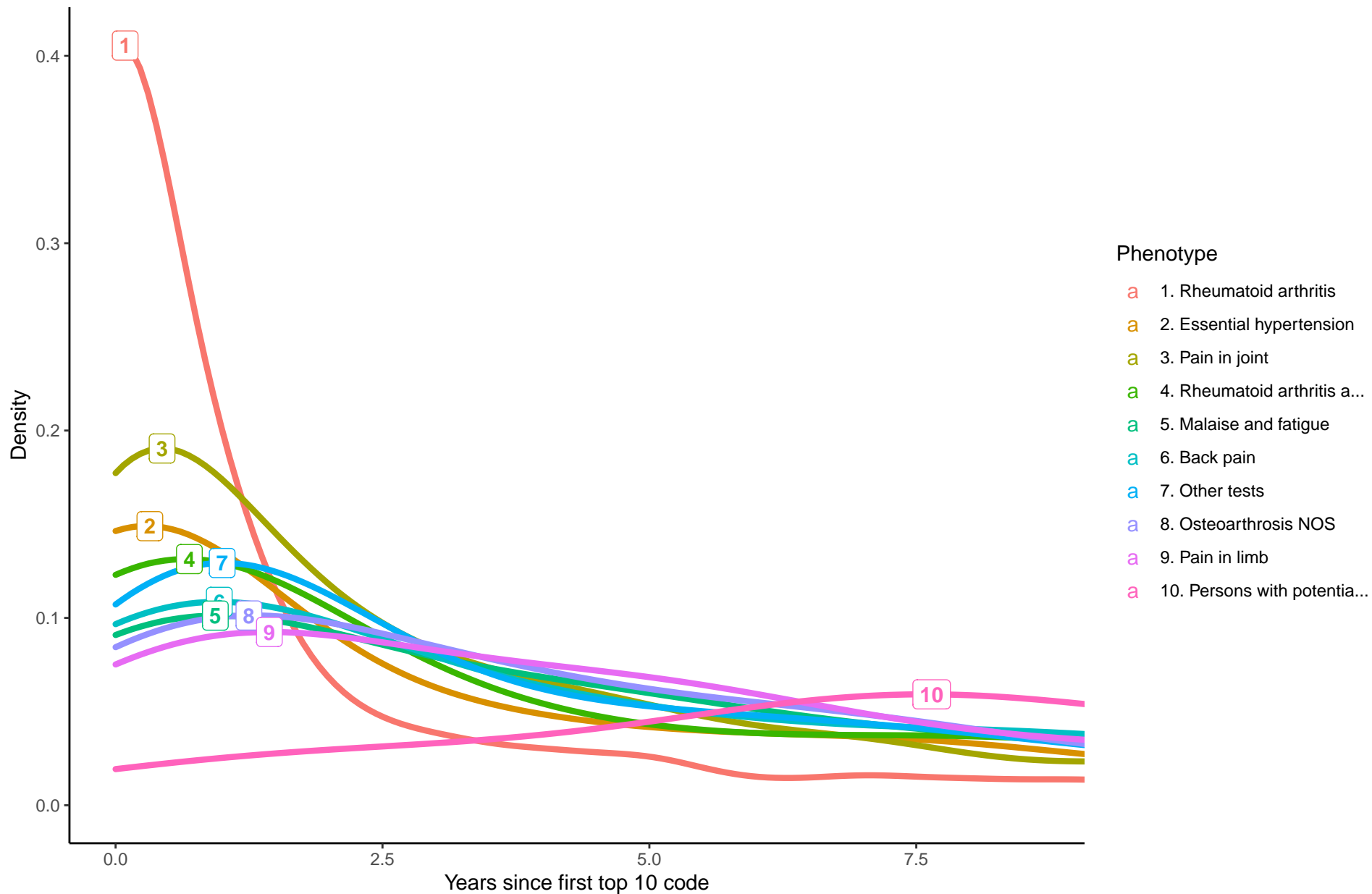
Distribution top 10 PheCodes through time

Cluster 17 Combined N = 965



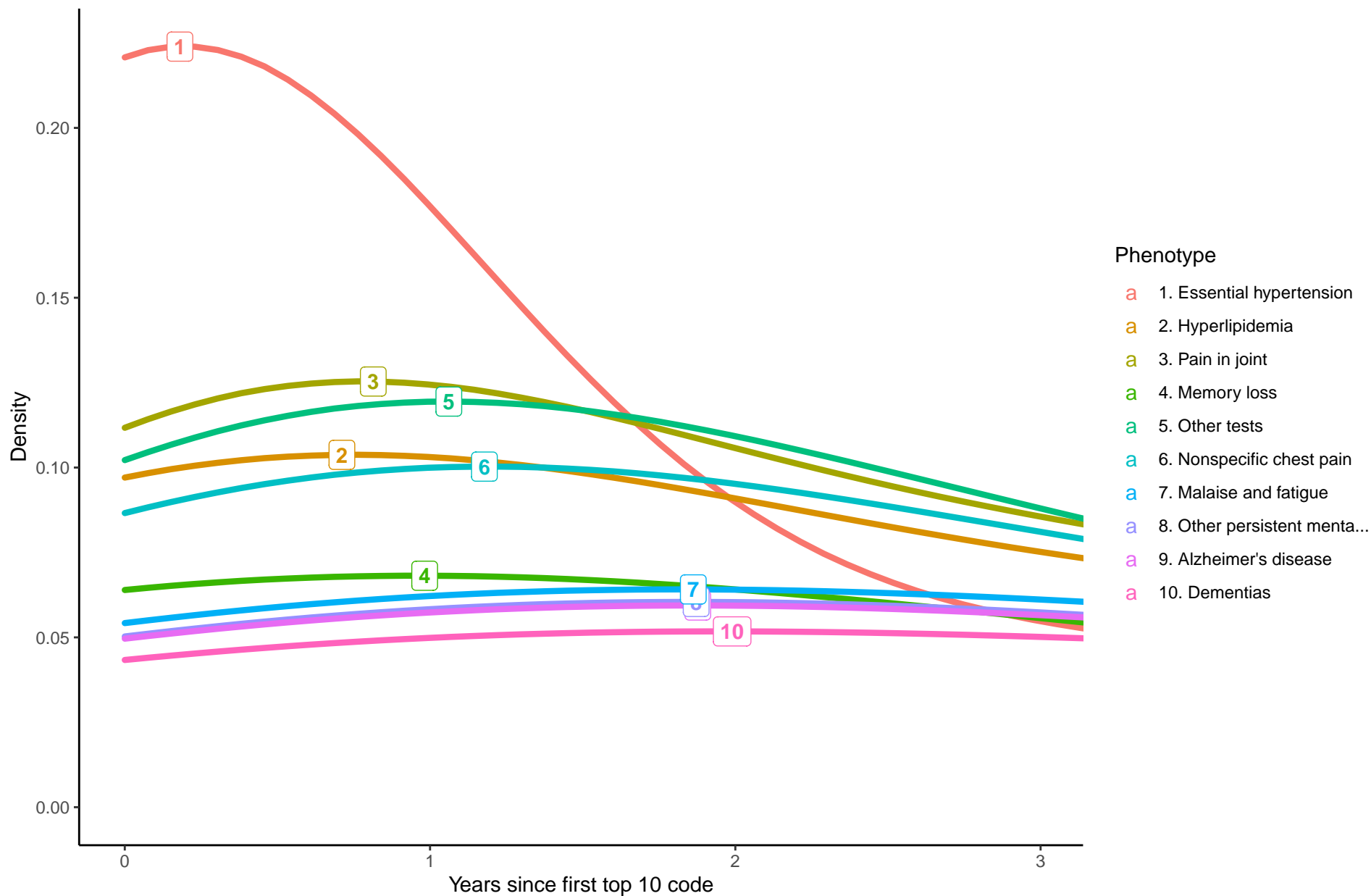
Distribution top 10 PheCodes through time

Cluster 18 Combined N = 1058



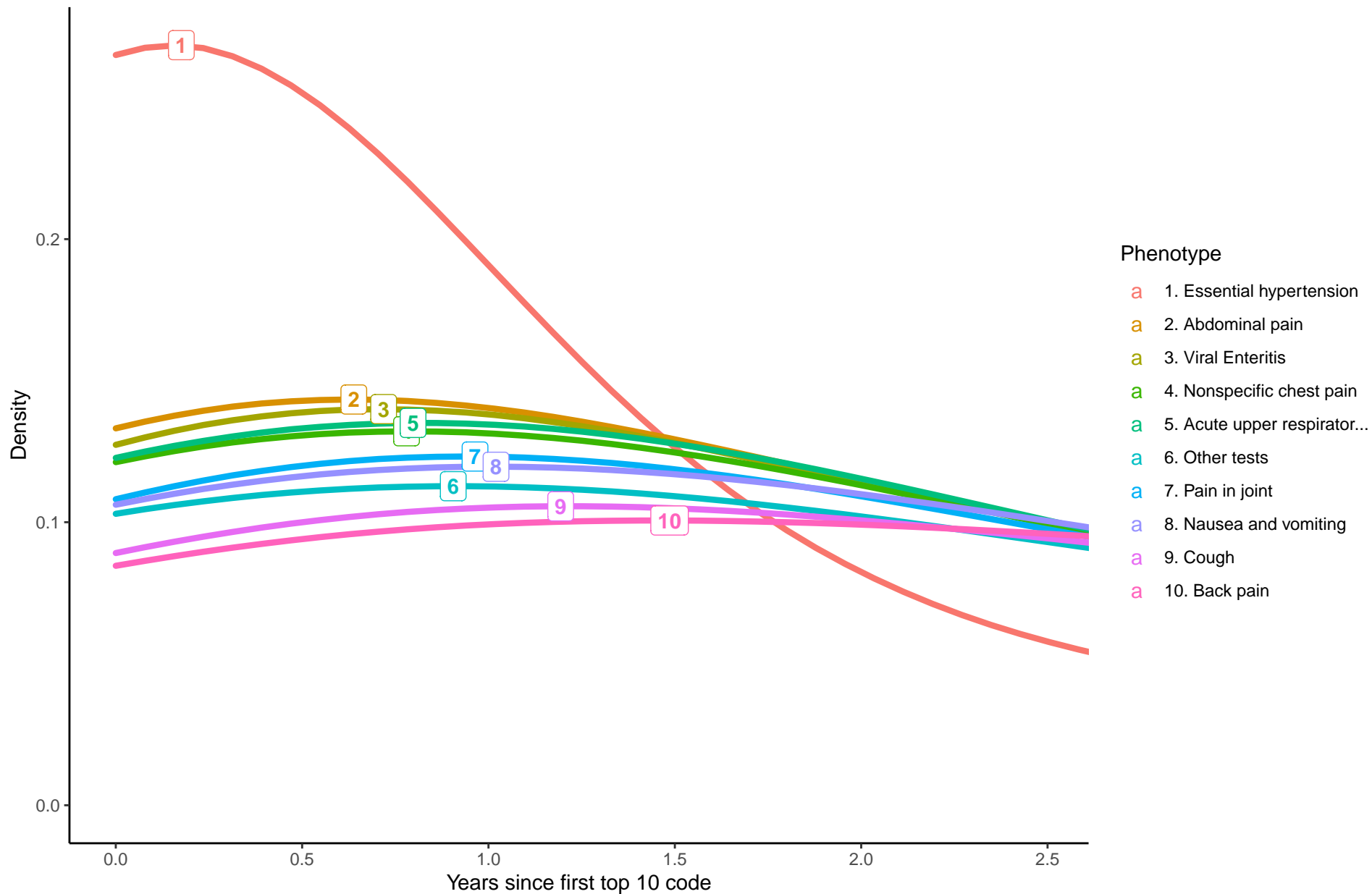
Distribution top 10 PheCodes through time

Cluster 19 Combined N = 655



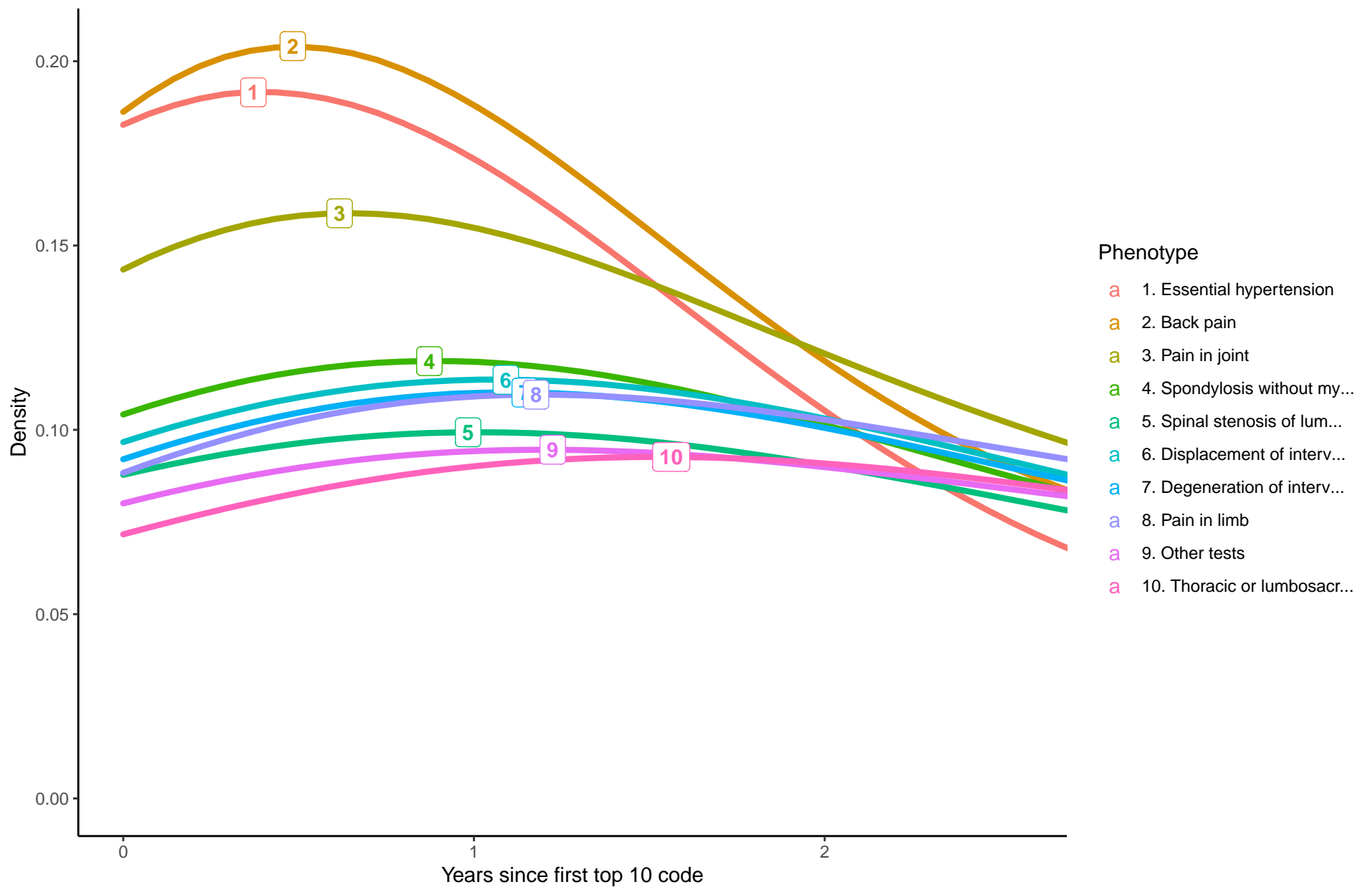
Distribution top 10 PheCodes through time

Cluster 2 Combined N = 567



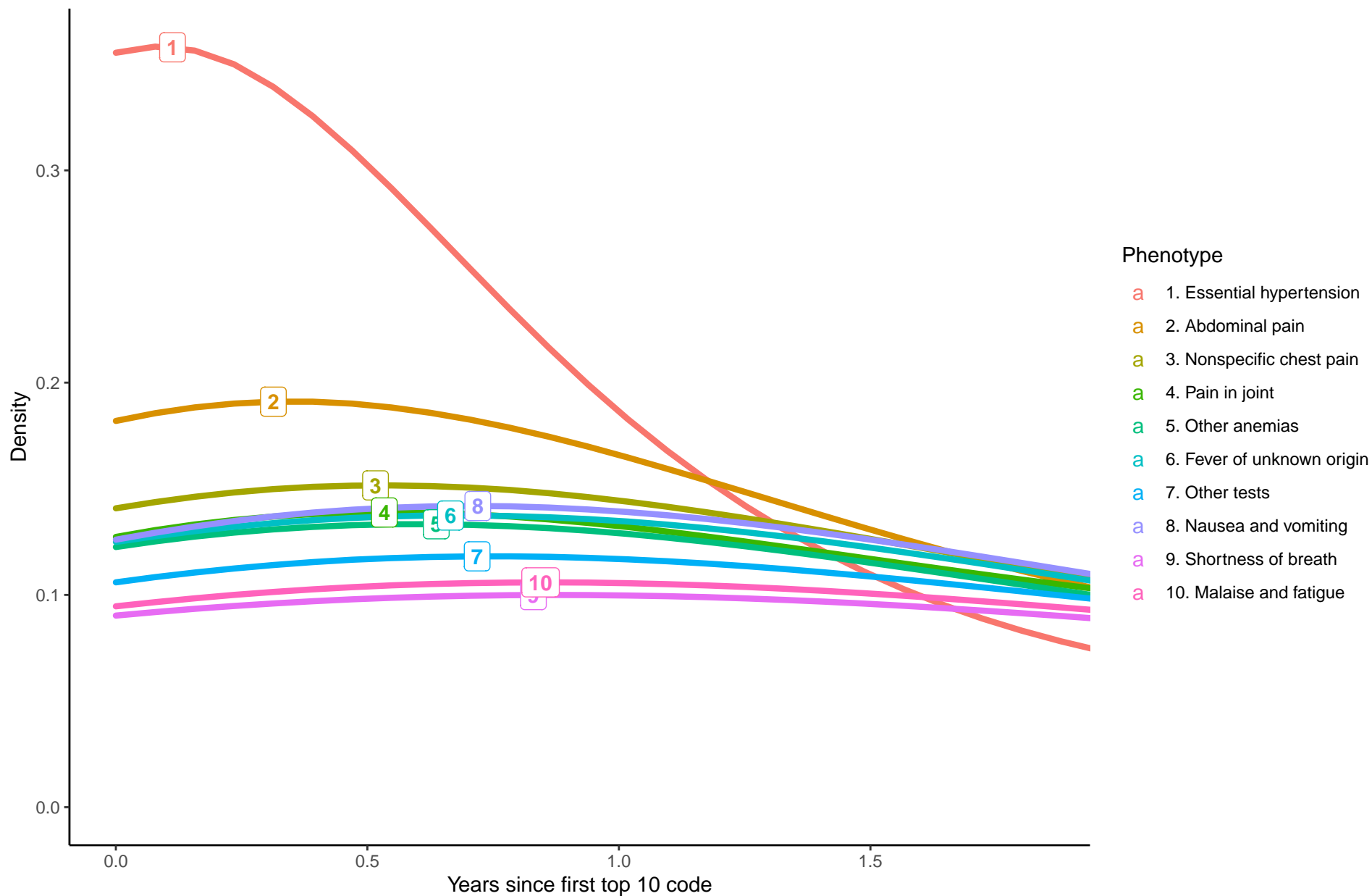
Distribution top 10 PheCodes through time

Cluster 20 Combined N = 1007



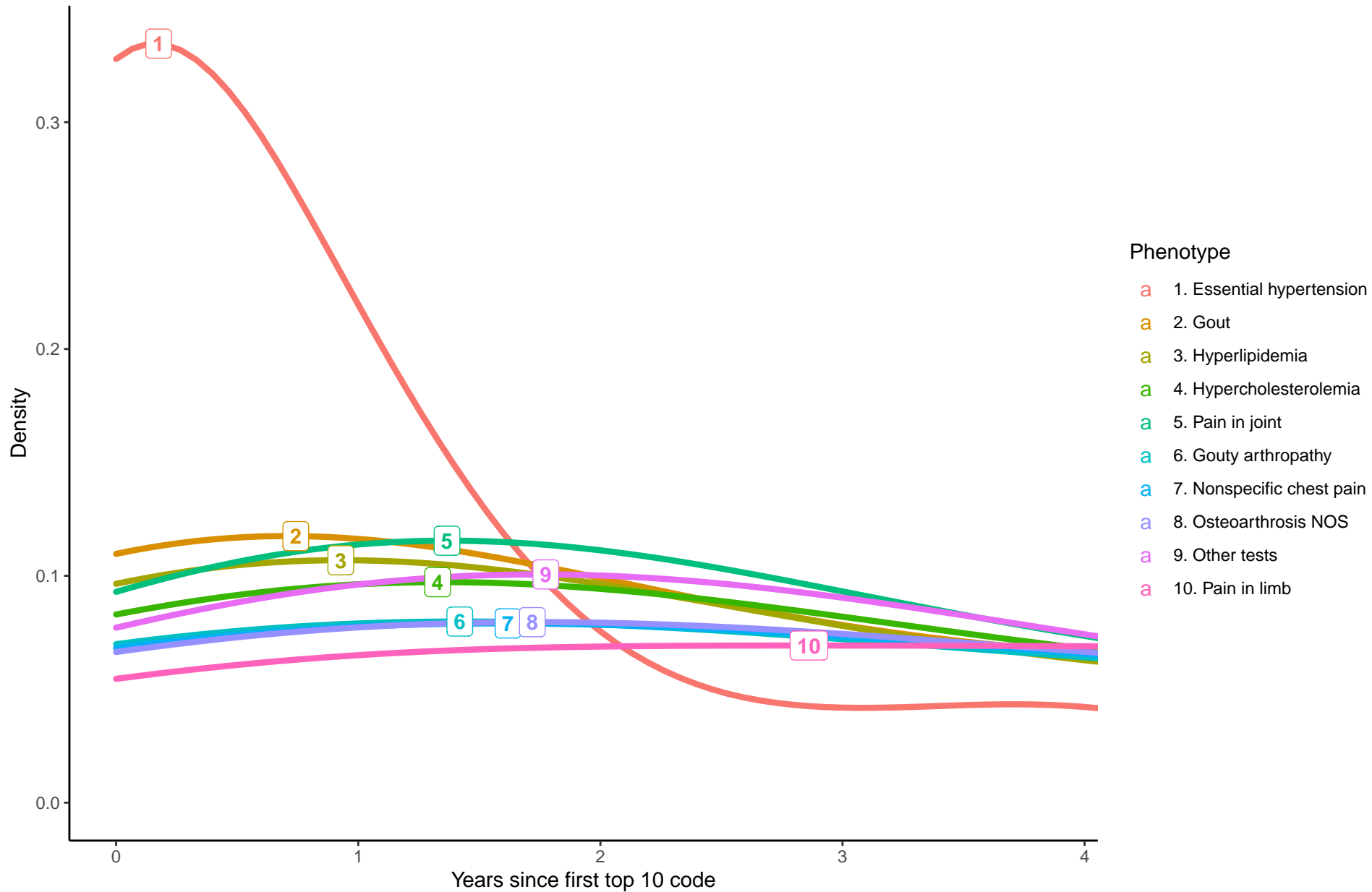
Distribution top 10 PheCodes through time

Cluster 21 Combined N = 2484



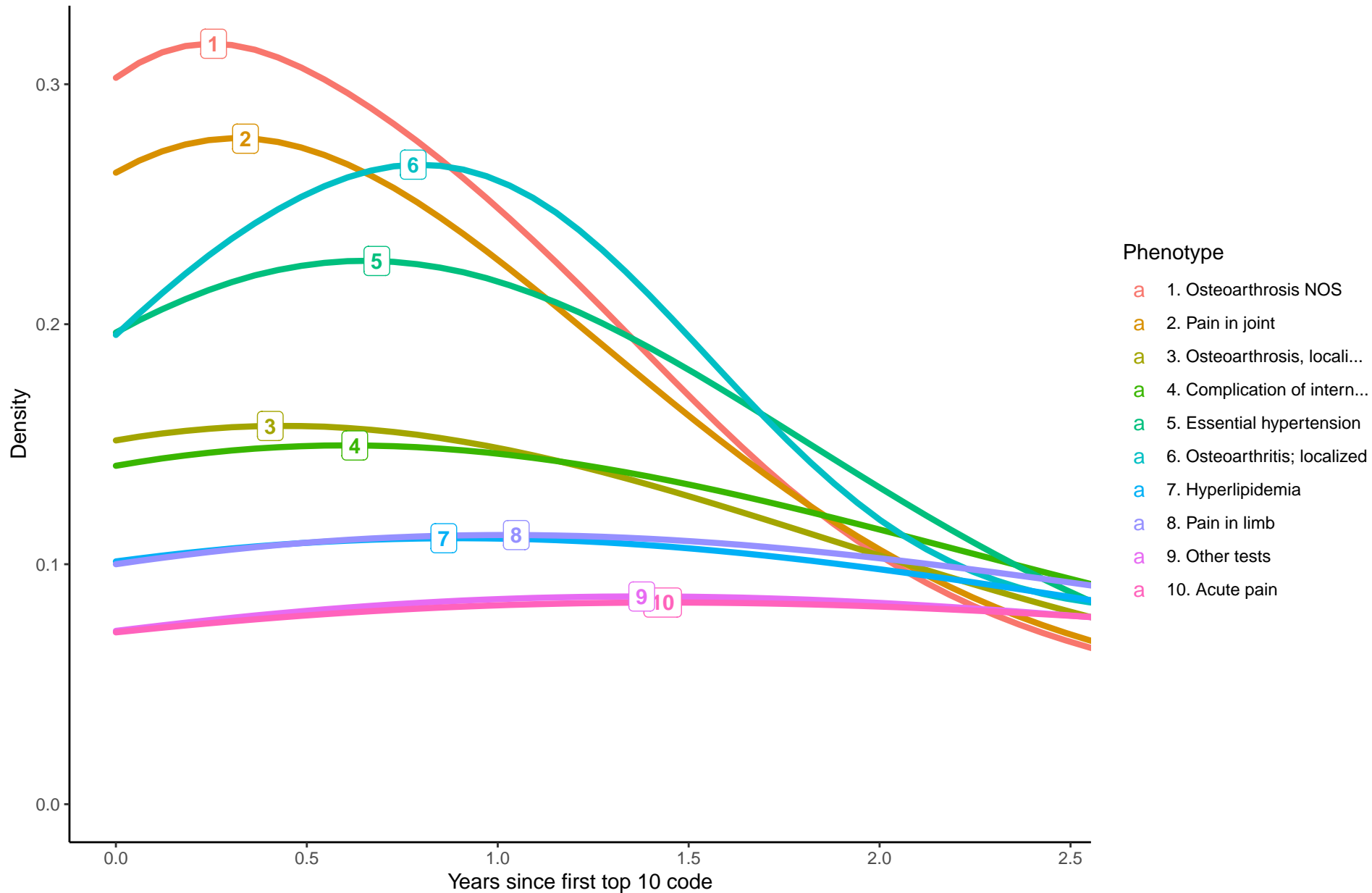
Distribution top 10 PheCodes through time

Cluster 22 Combined N = 268



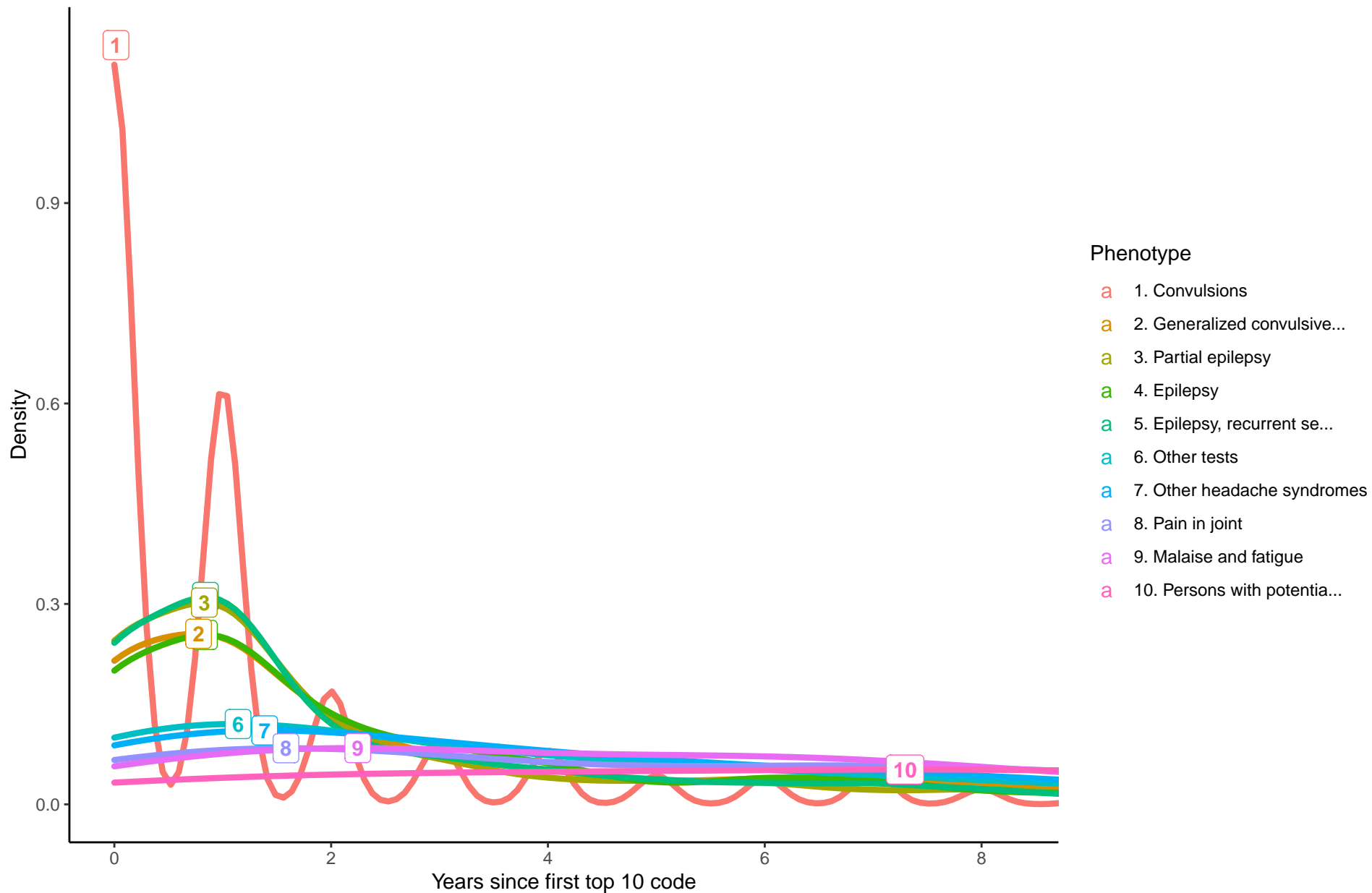
Distribution top 10 PheCodes through time

Cluster 23 Combined N = 619



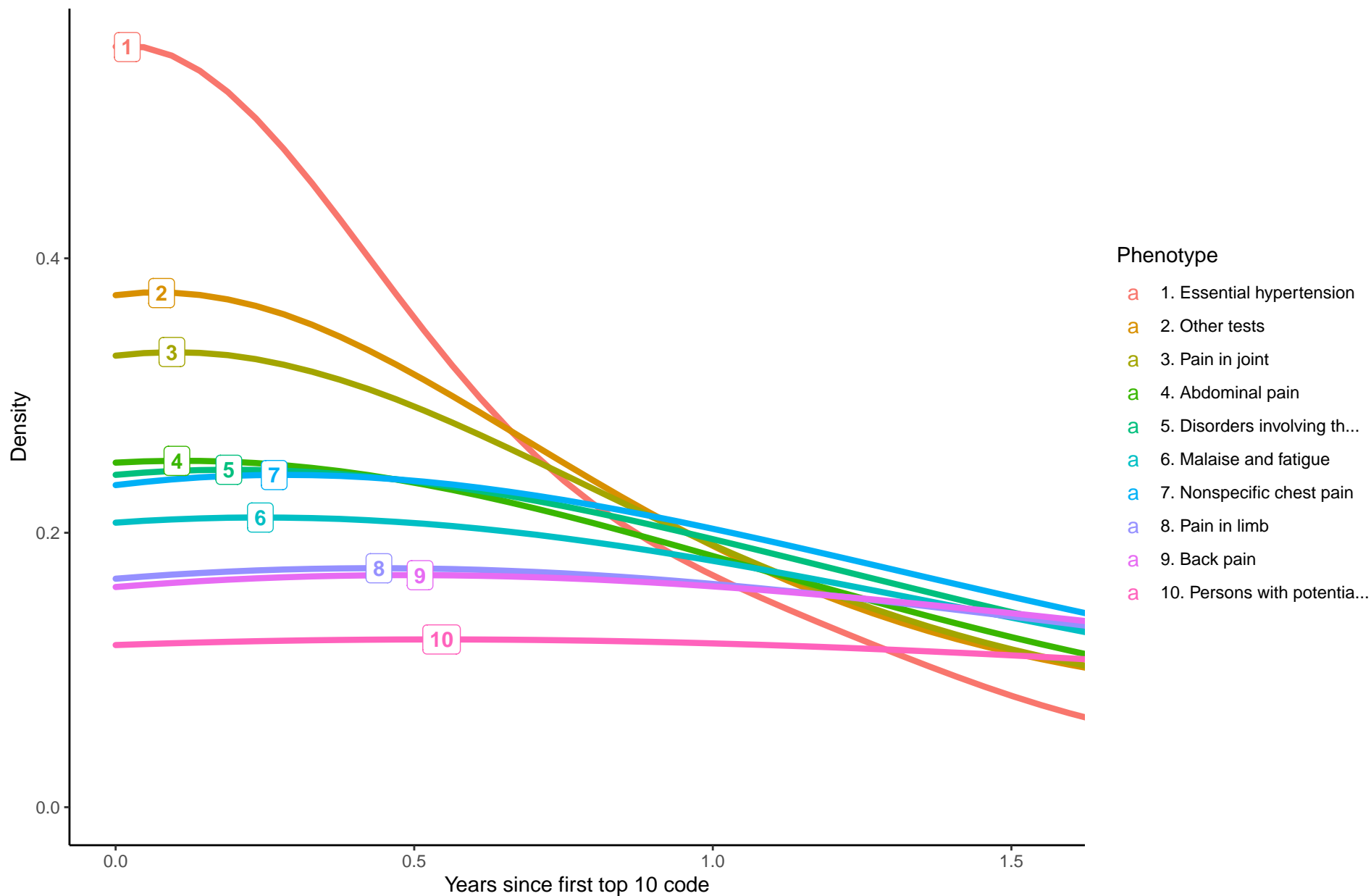
Distribution top 10 PheCodes through time

Cluster 24 Combined N = 1109



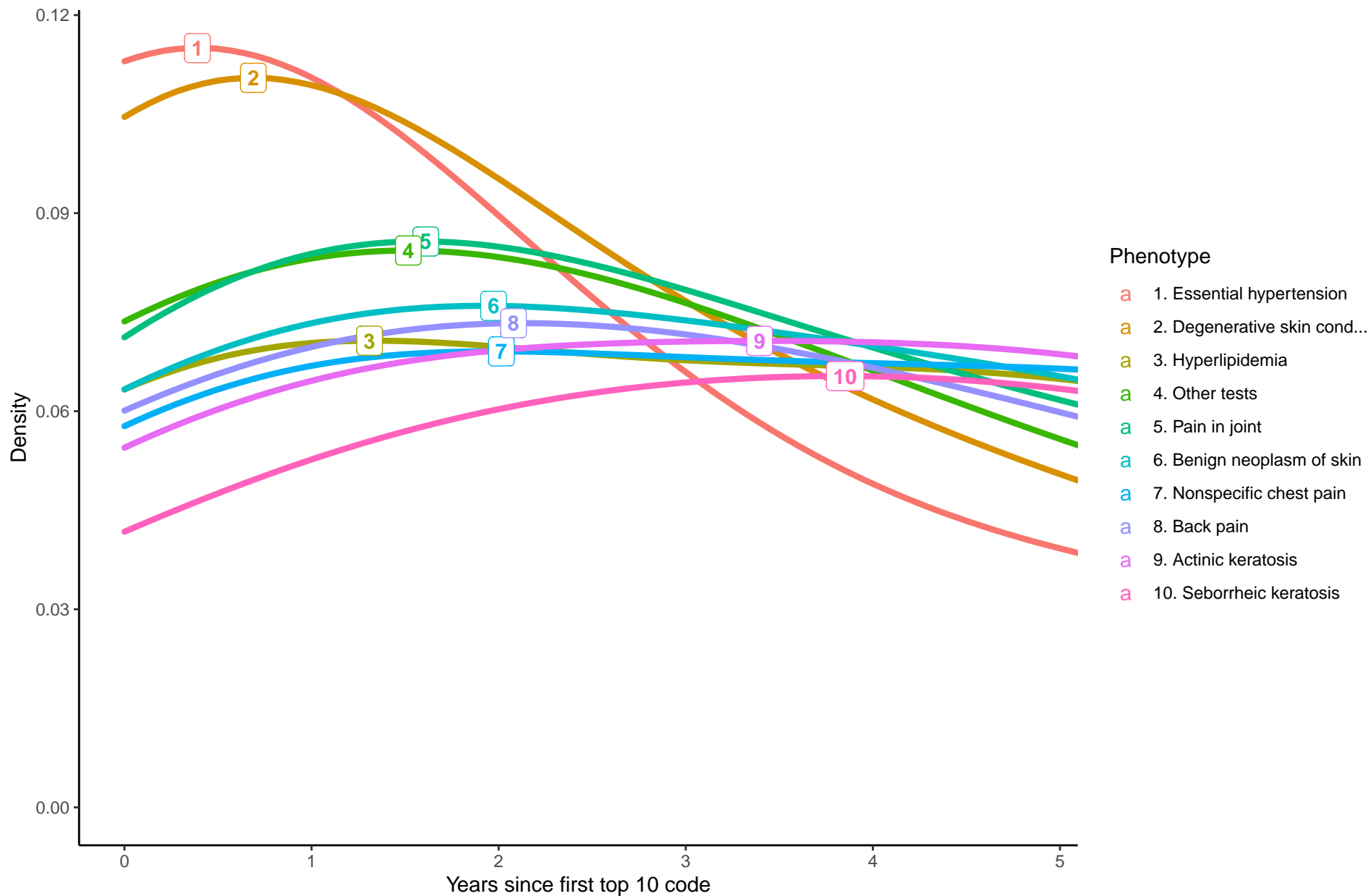
Distribution top 10 PheCodes through time

Cluster 26 Combined N = 833



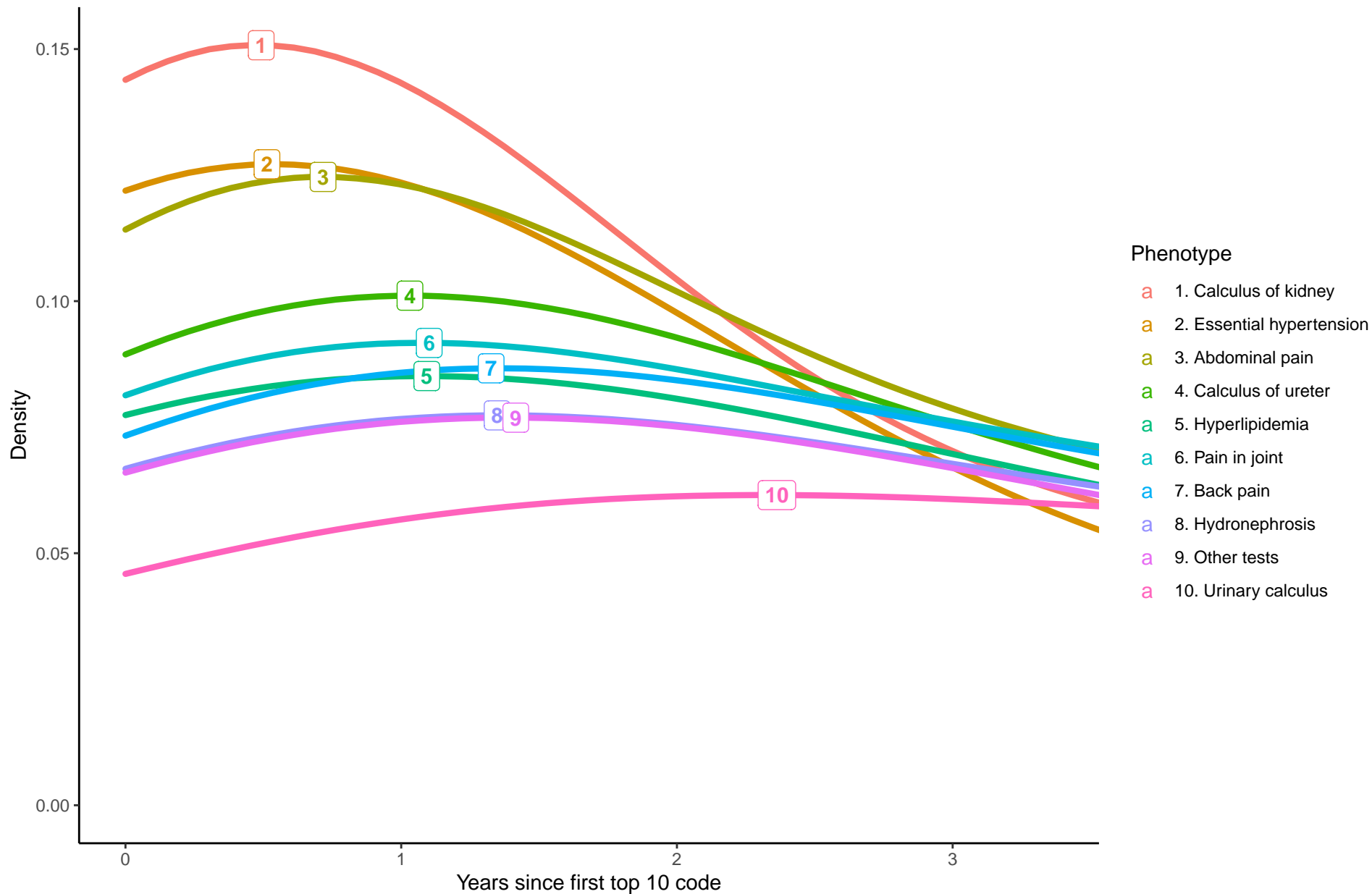
Distribution top 10 PheCodes through time

Cluster 27 Combined N = 352



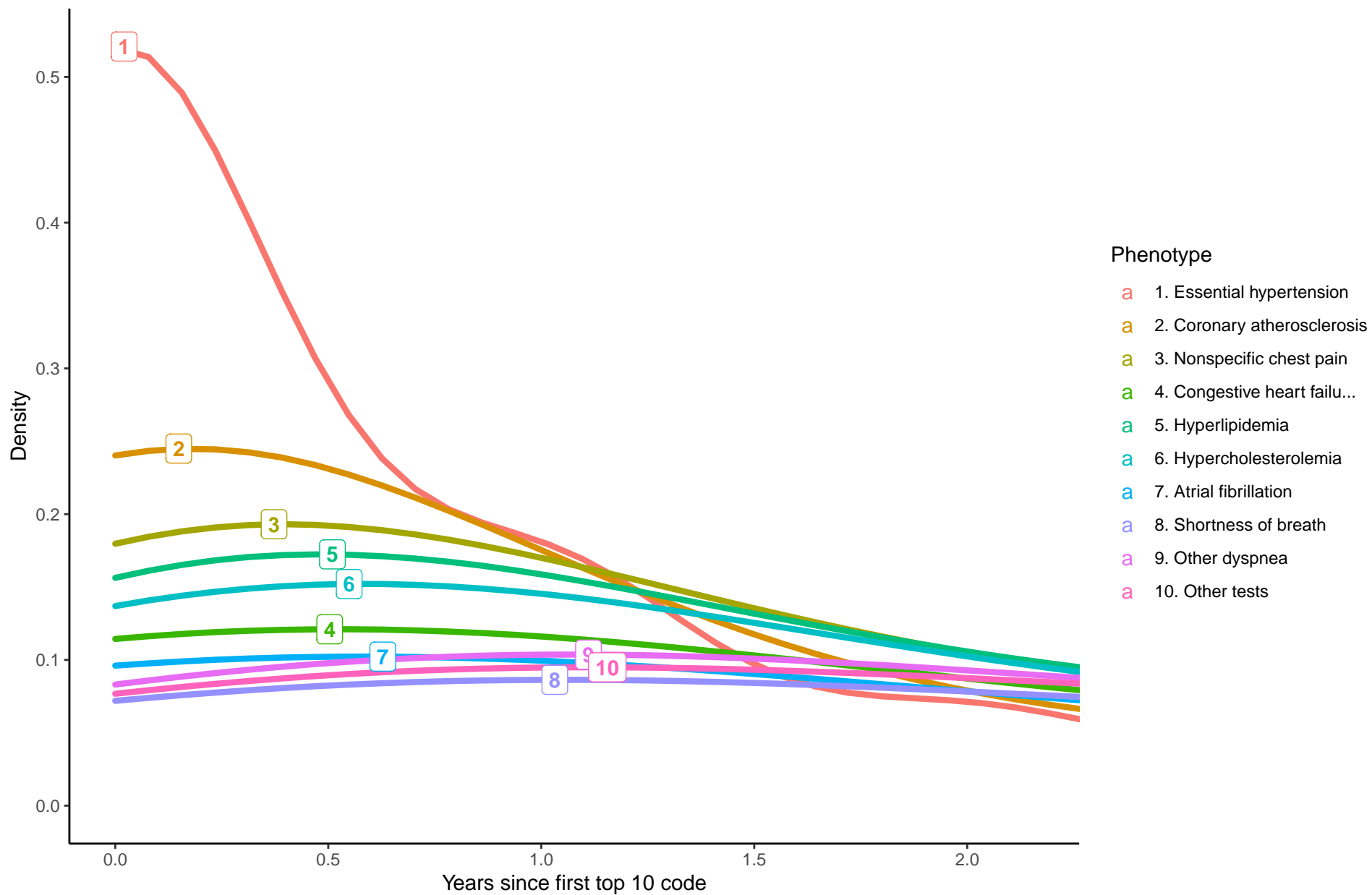
Distribution top 10 PheCodes through time

Cluster 28 Combined N = 593



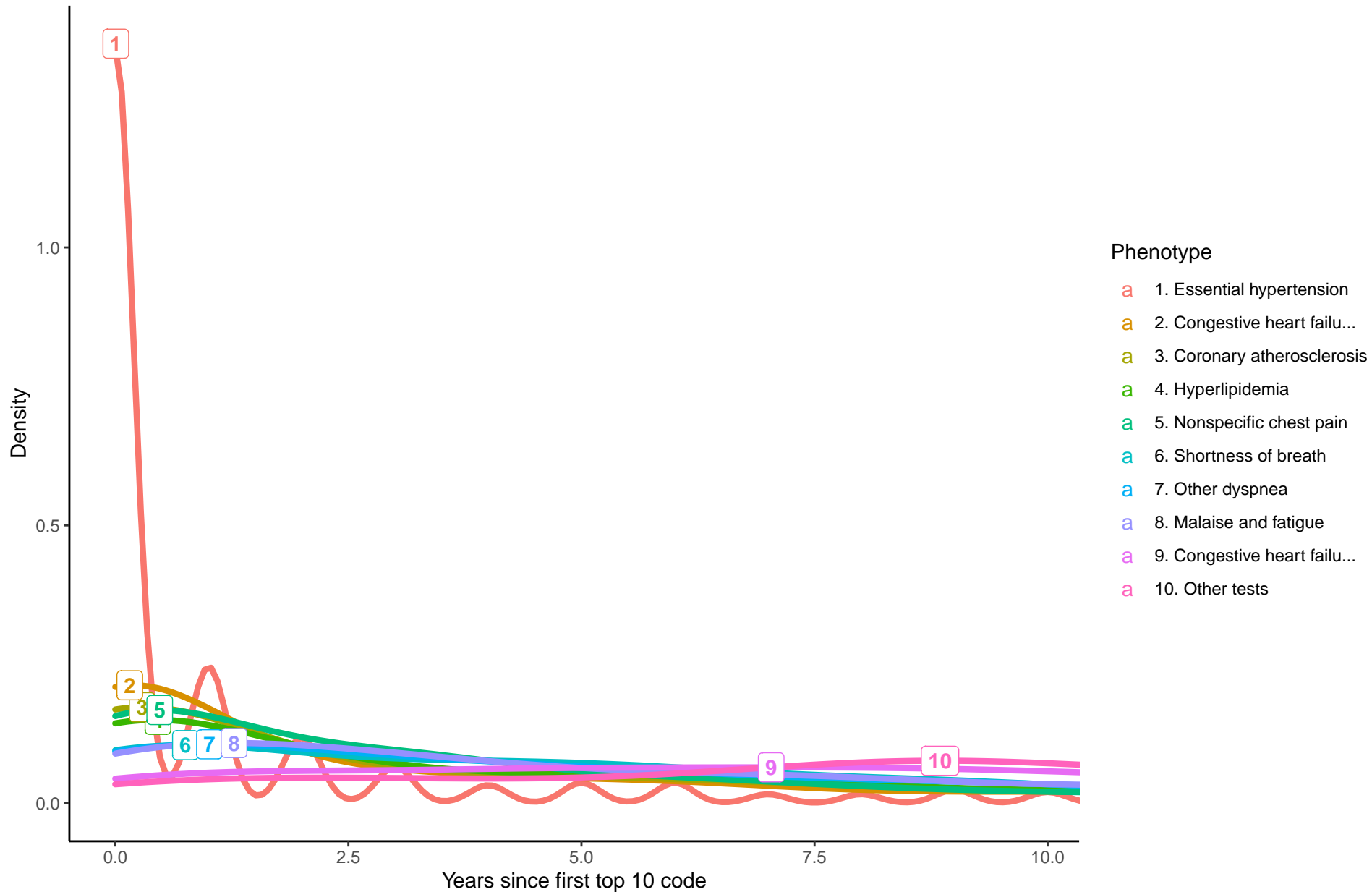
Distribution top 10 PheCodes through time

Cluster 29 Combined N = 4463



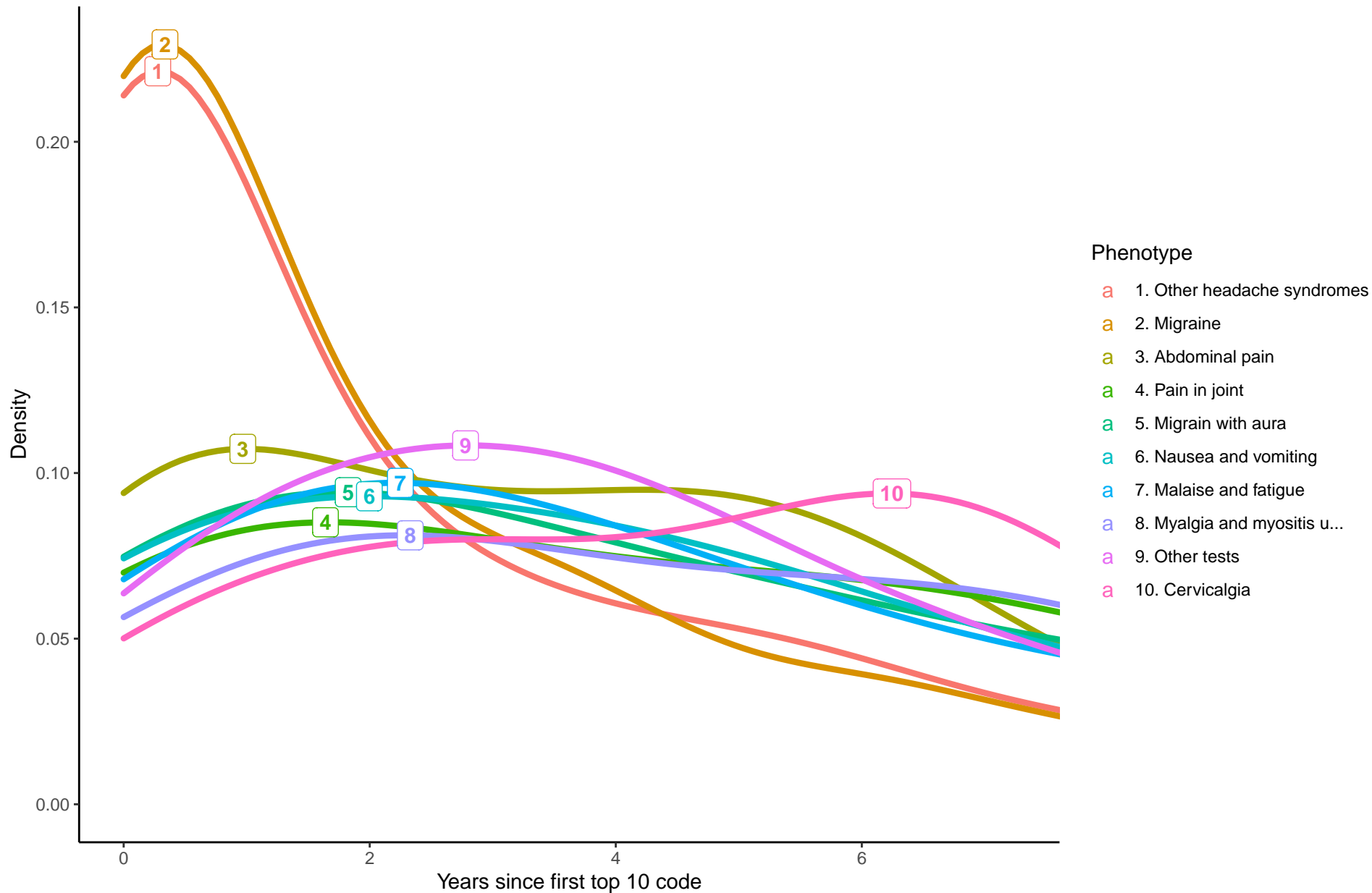
Distribution top 10 PheCodes through time

Cluster 3 Combined N = 520



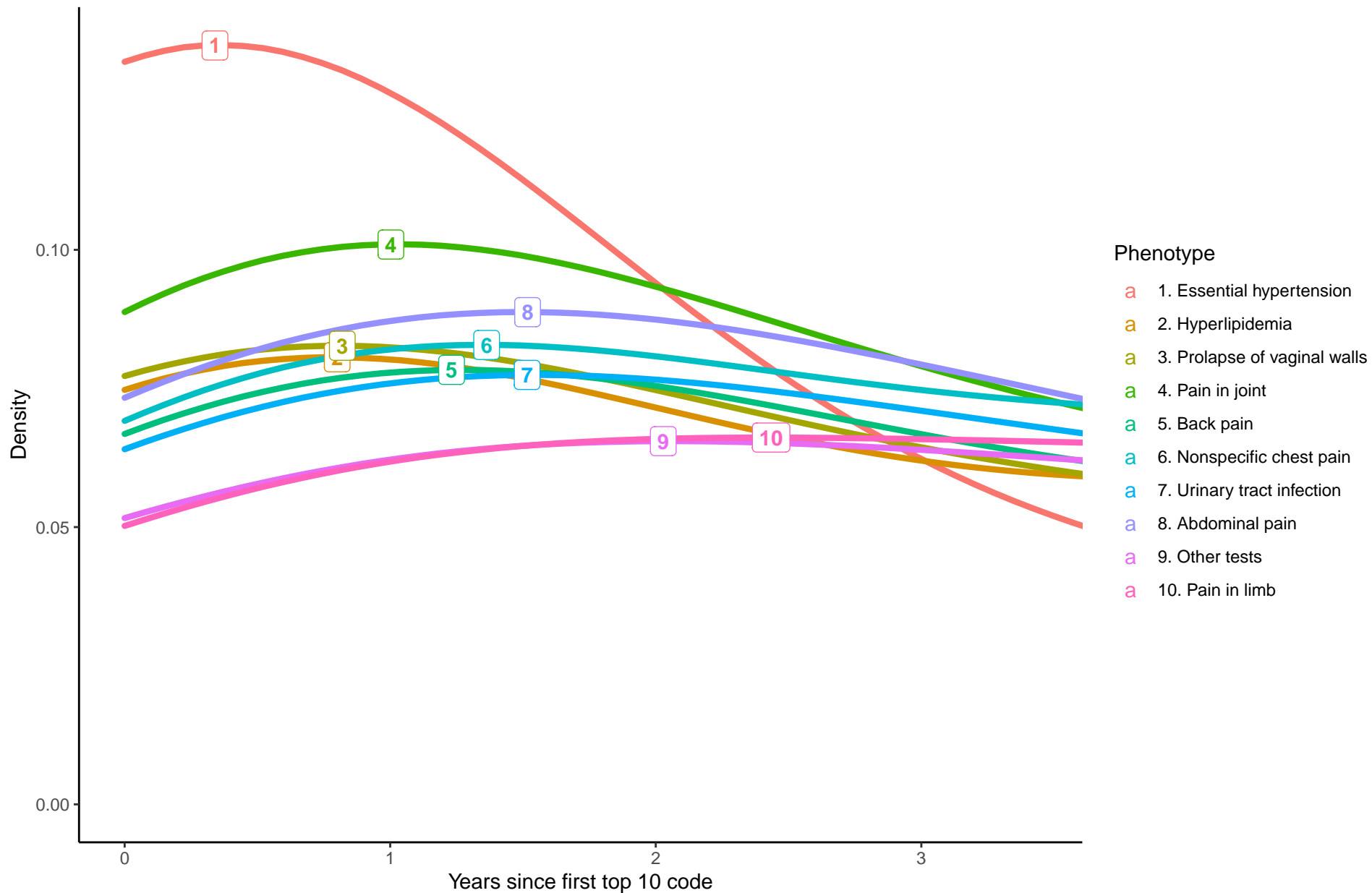
Distribution top 10 PheCodes through time

Cluster 30 Combined N = 218



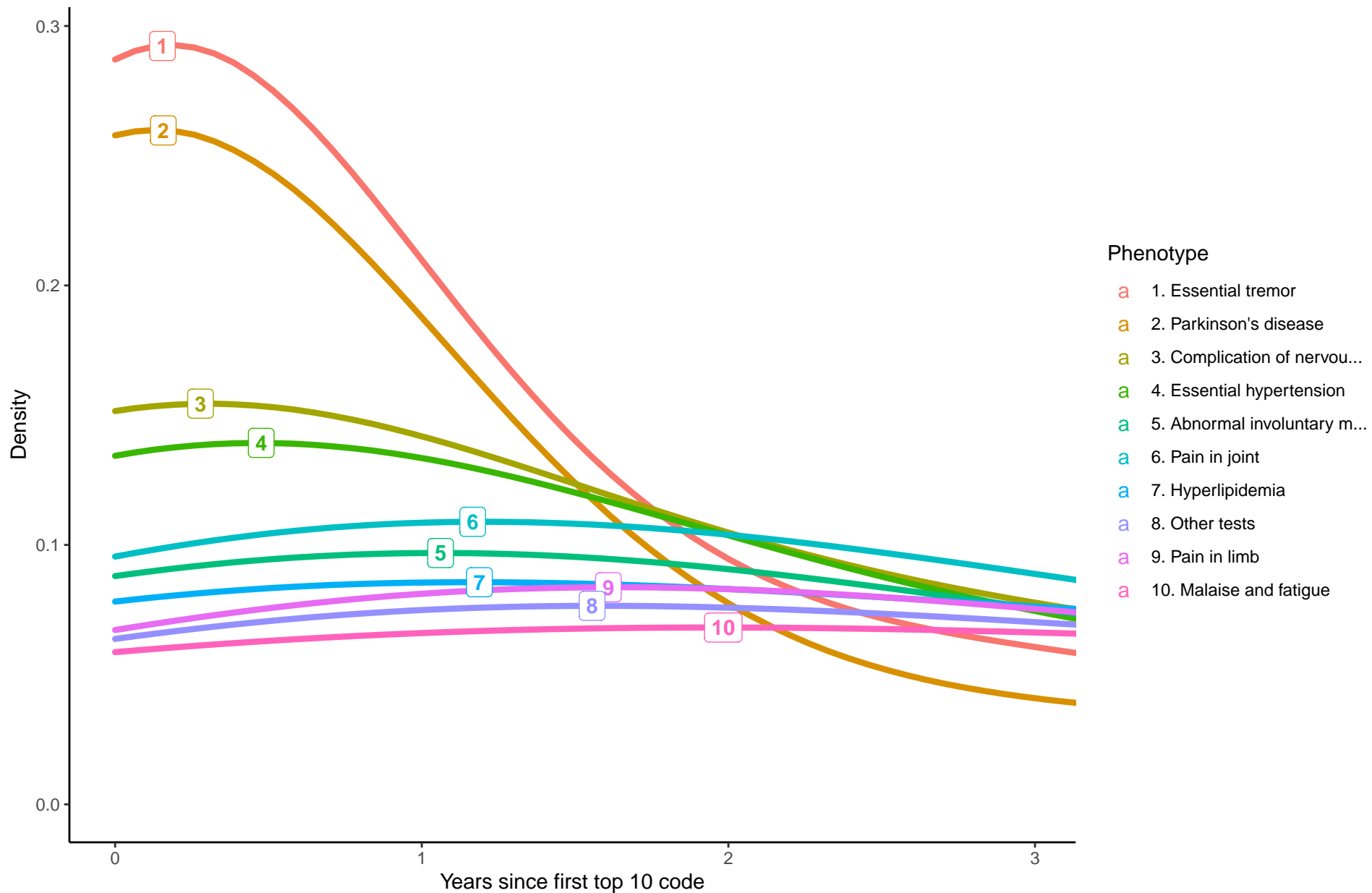
Distribution top 10 PheCodes through time

Cluster 31 Combined N = 742



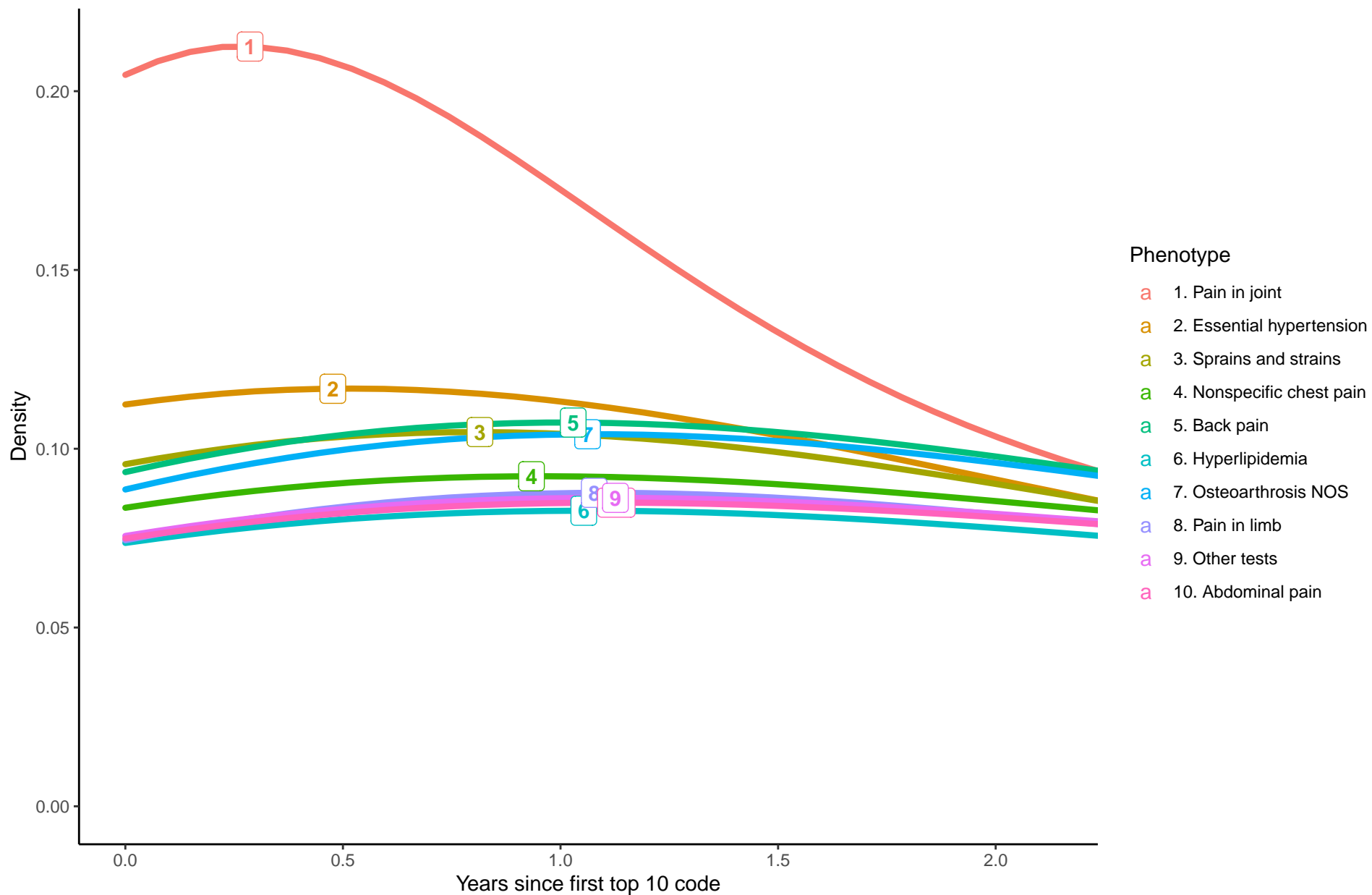
Distribution top 10 PheCodes through time

Cluster 32 Combined N = 296

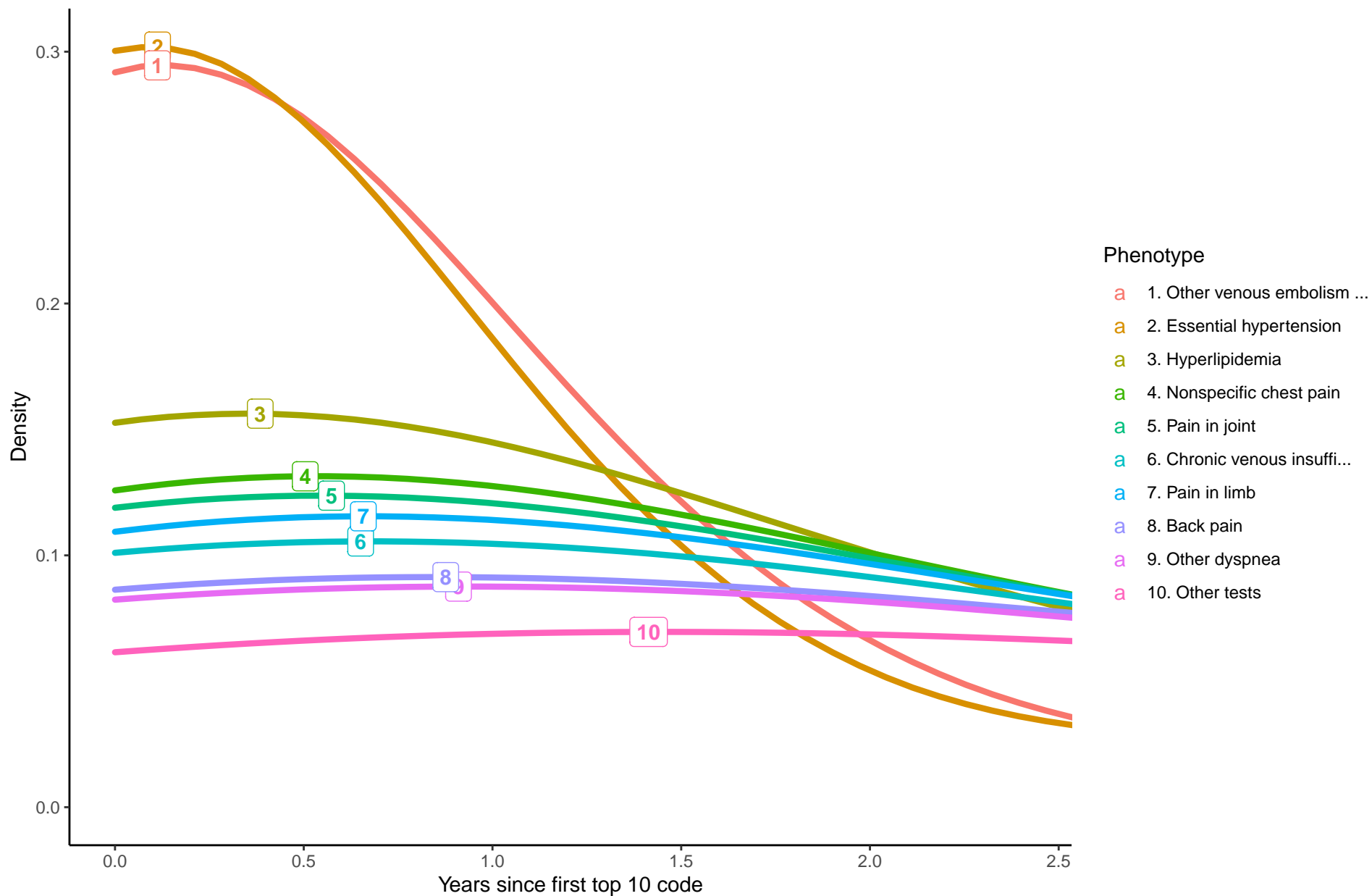


Distribution top 10 PheCodes through time

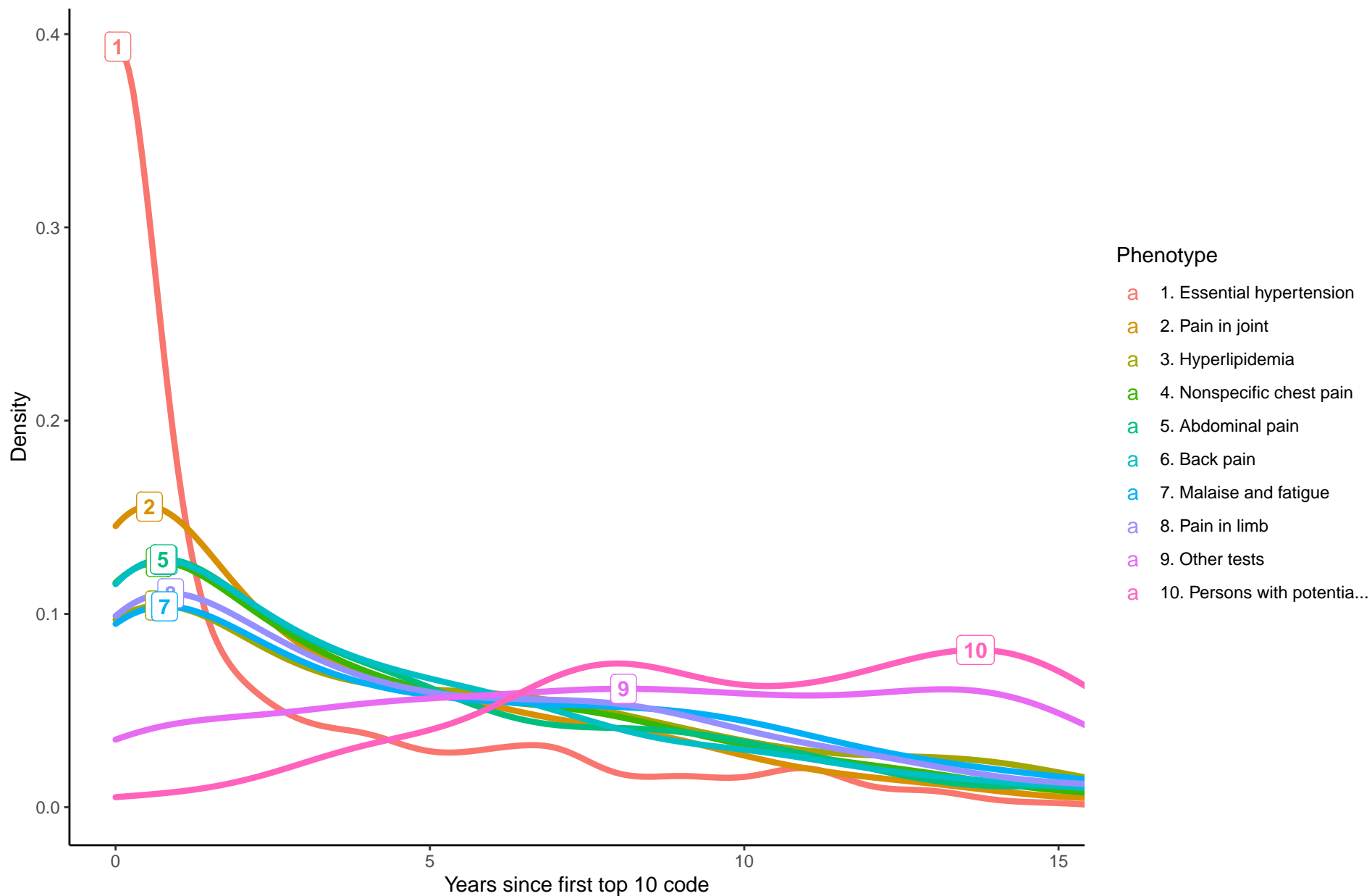
Cluster 33 Combined N = 1542



Cluster 34 Combined N = 796

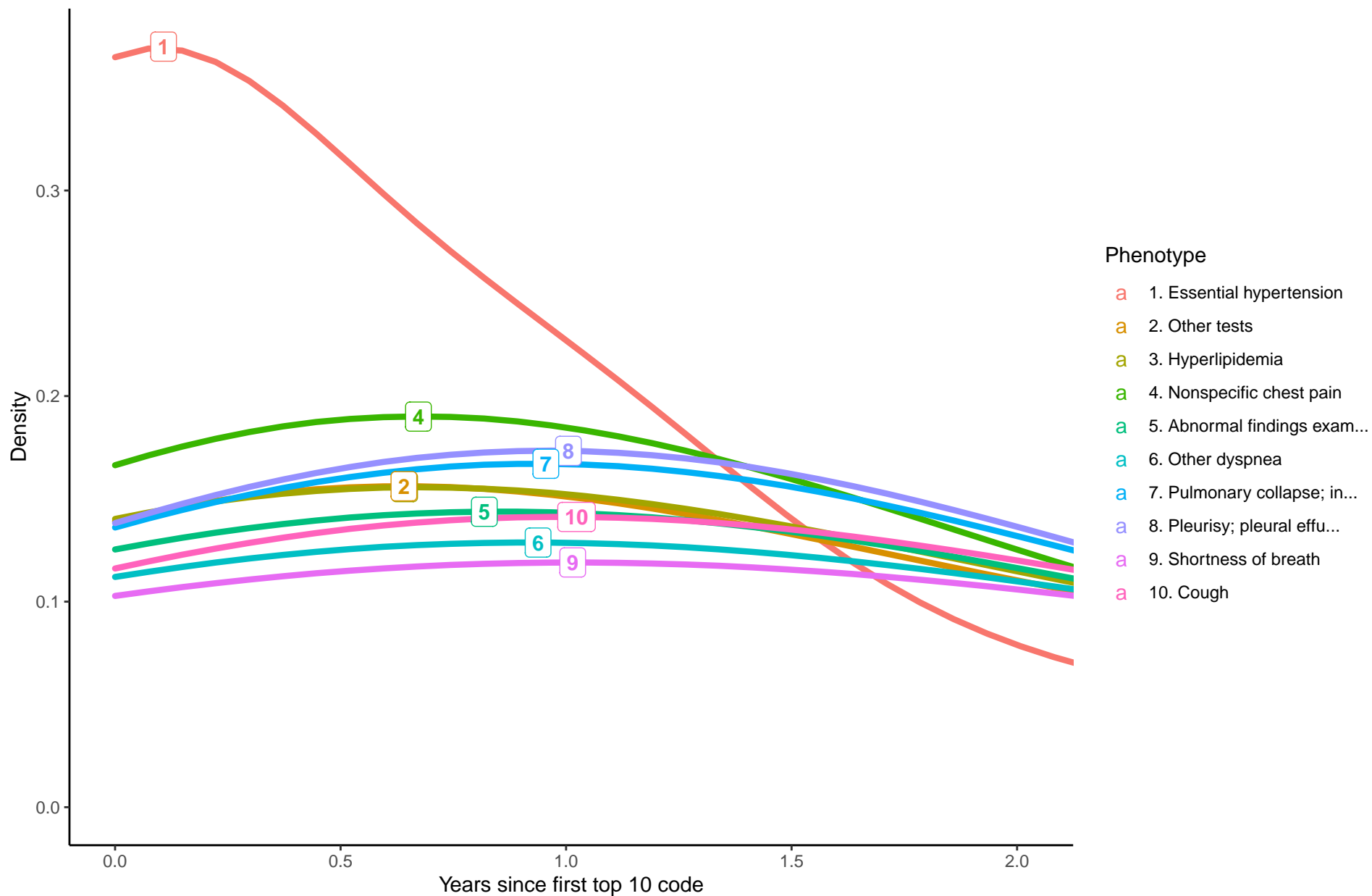


Cluster 35 Combined N = 508



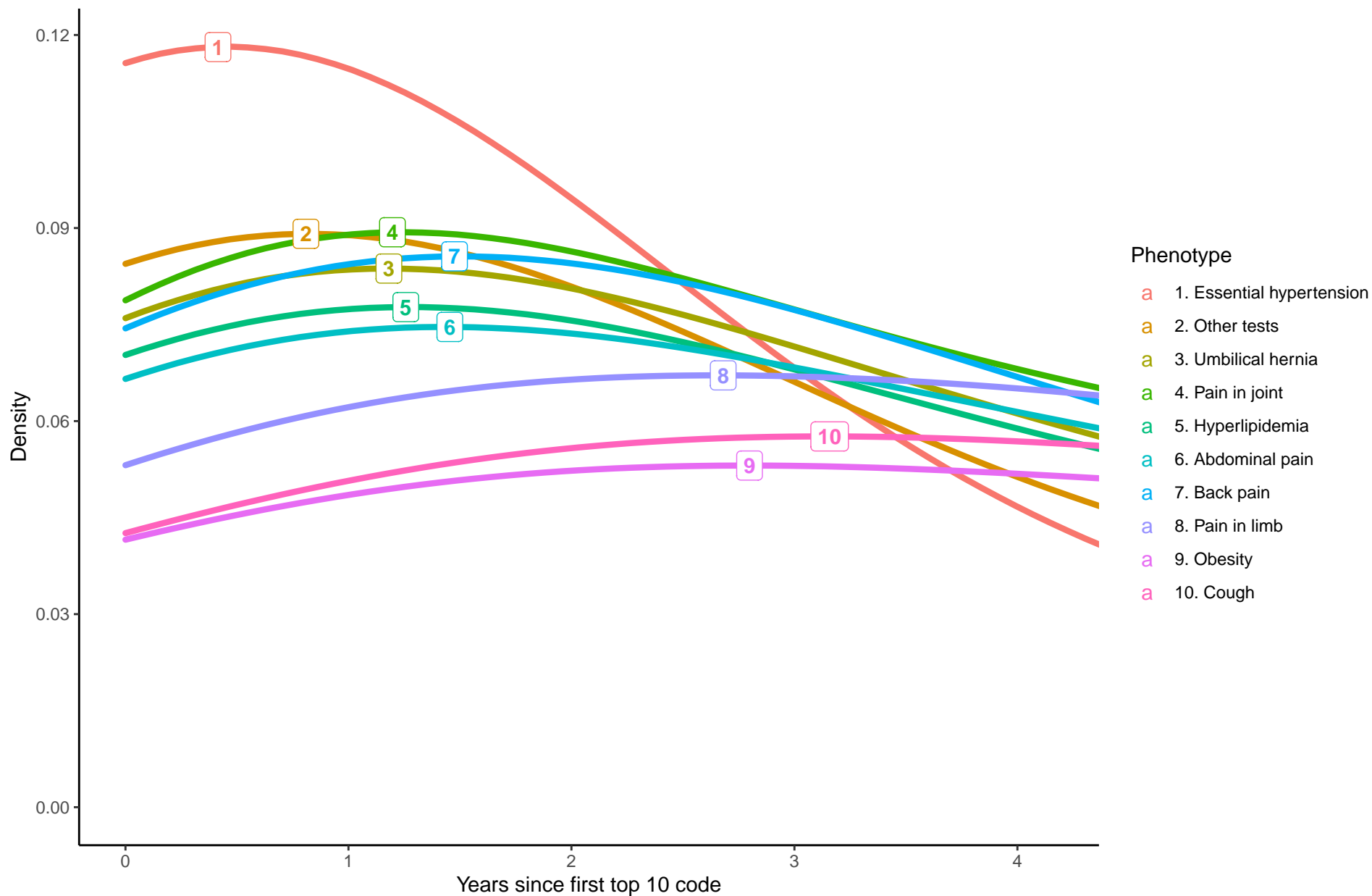
Distribution top 10 PheCodes through time

Cluster 36 Combined N = 1329



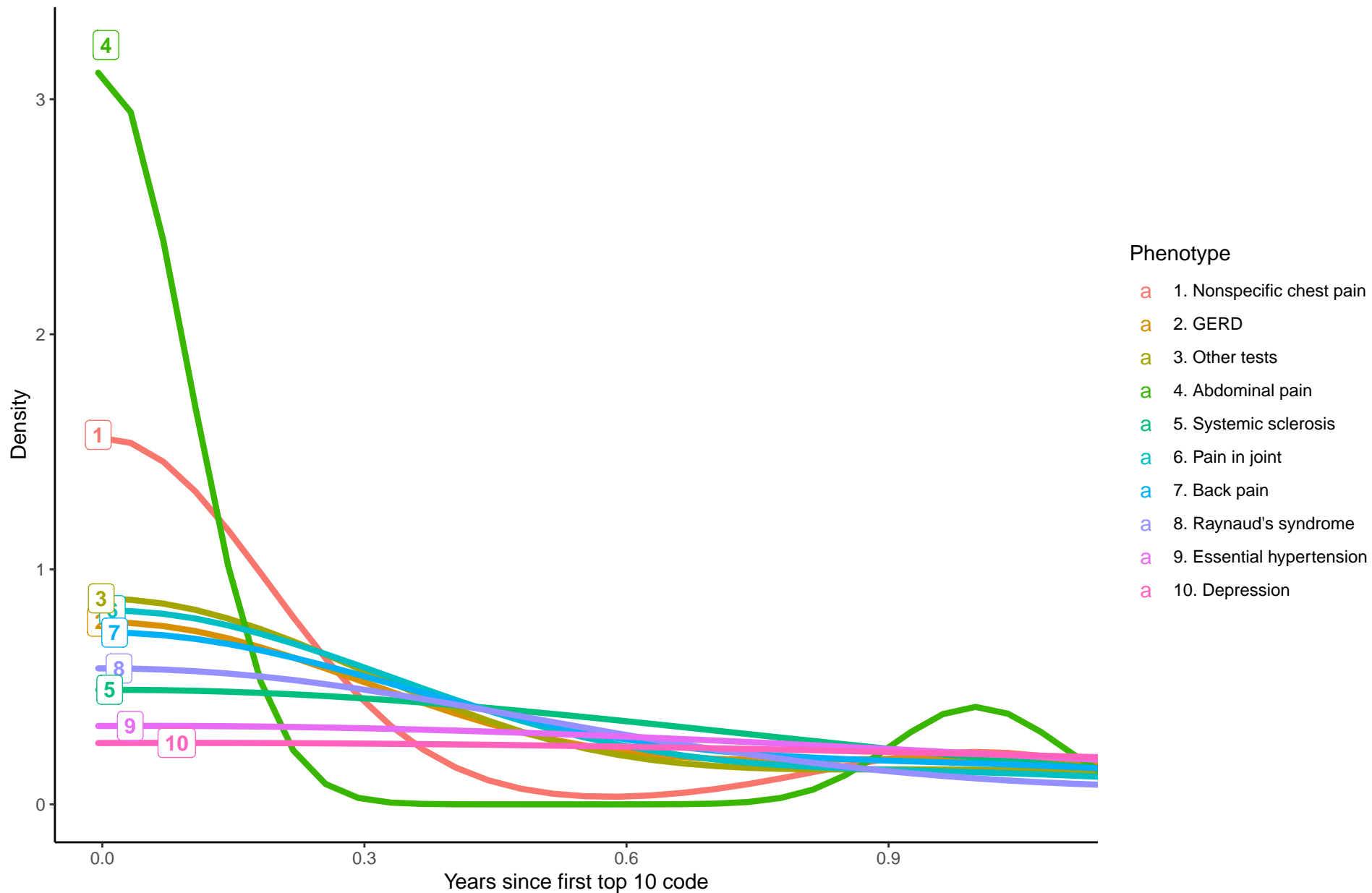
Distribution top 10 PheCodes through time

Cluster 37 Combined N = 374

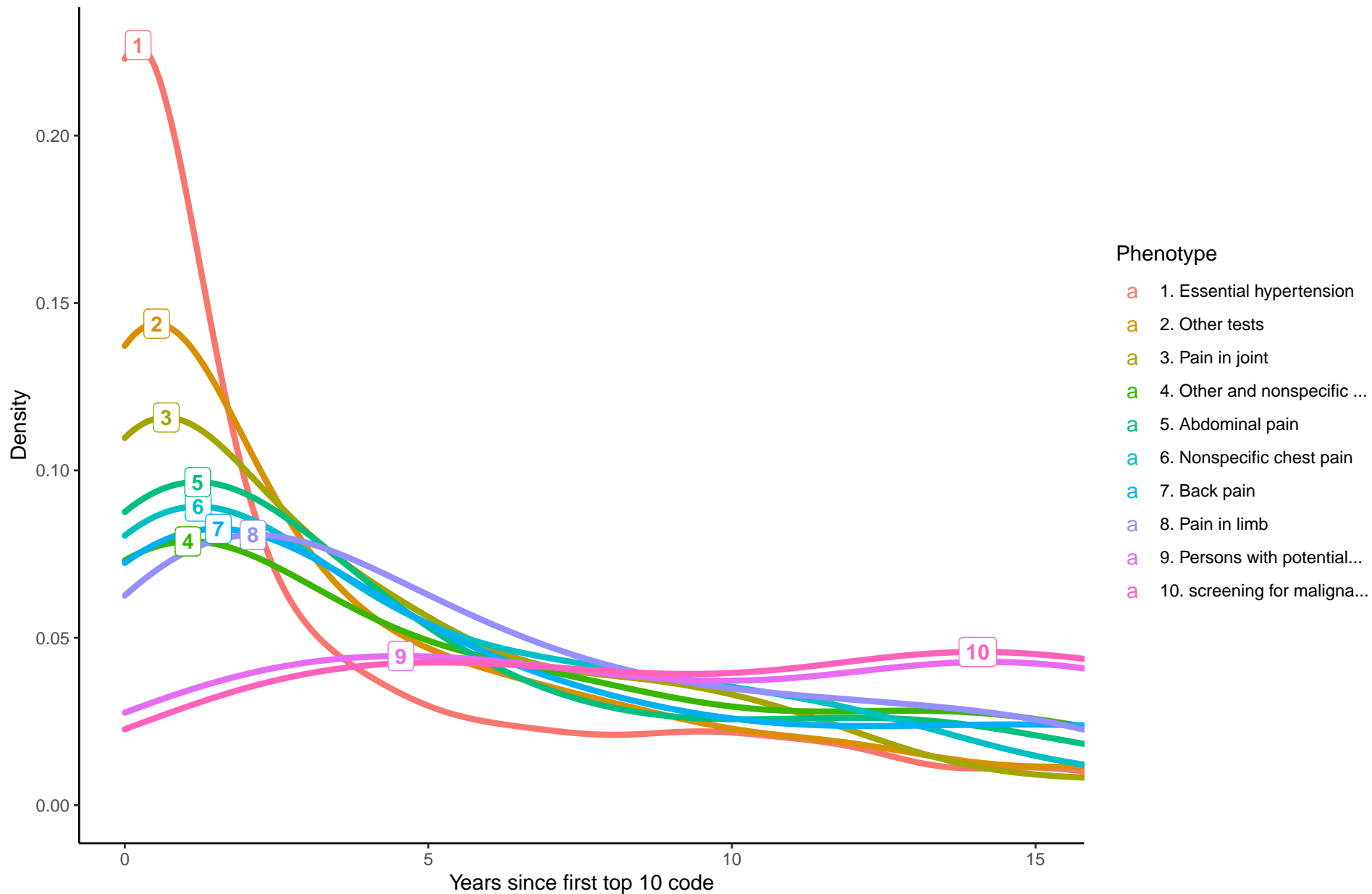


Distribution top 10 PheCodes through time

Cluster 38 Combined N = 162

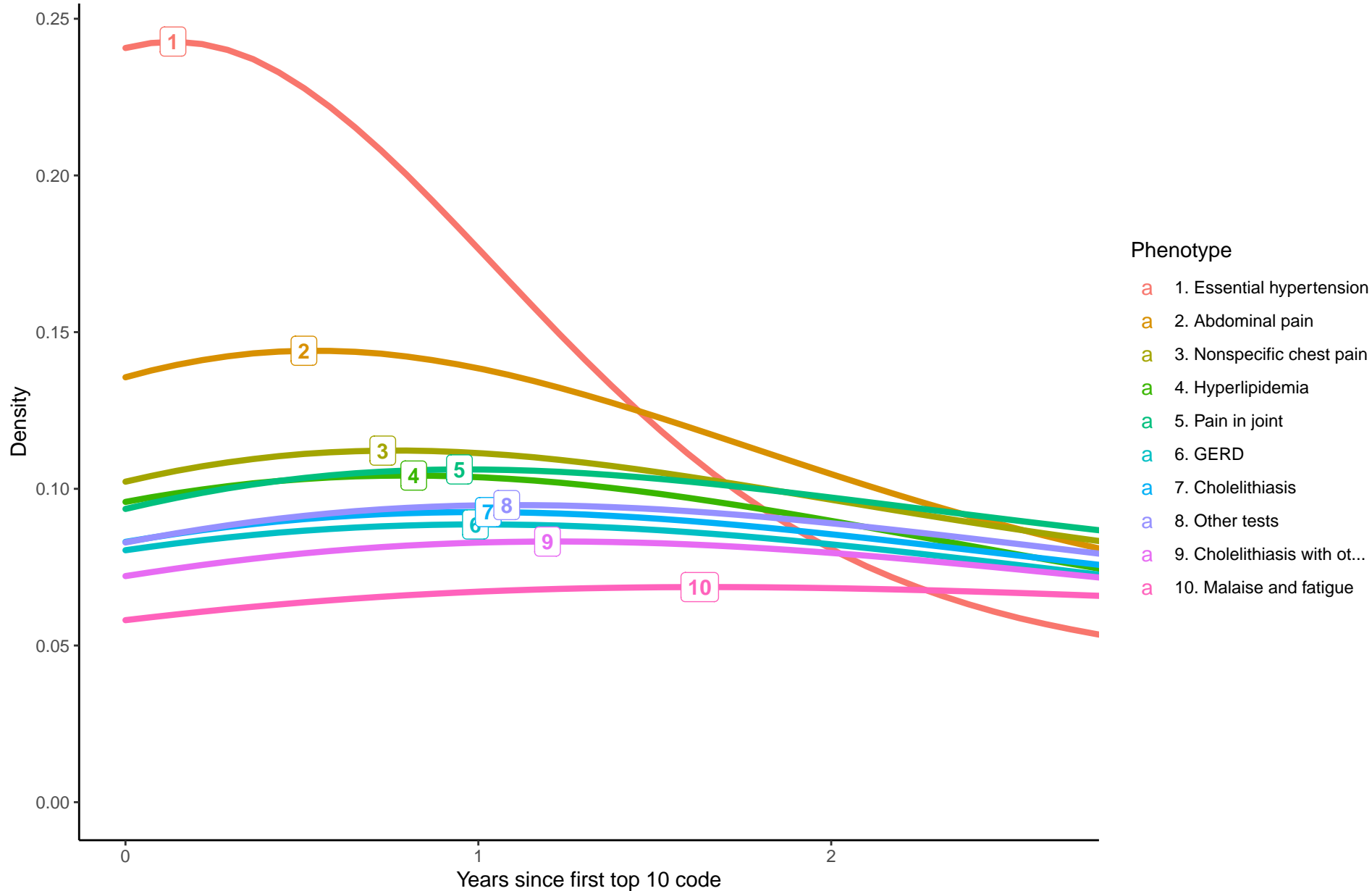


Cluster 39 Combined N = 248

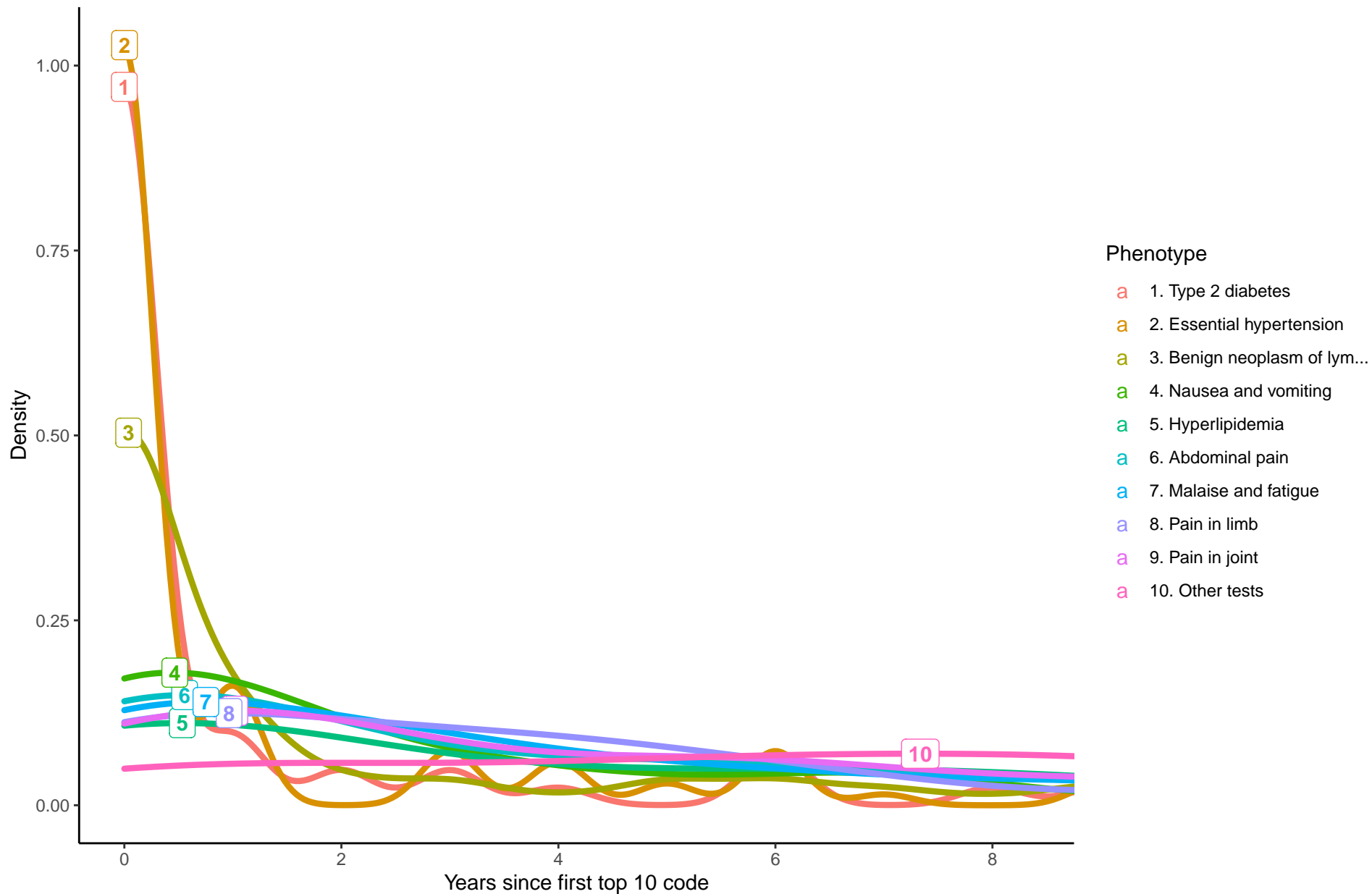


Distribution top 10 PheCodes through time

Cluster 4 Combined N = 852

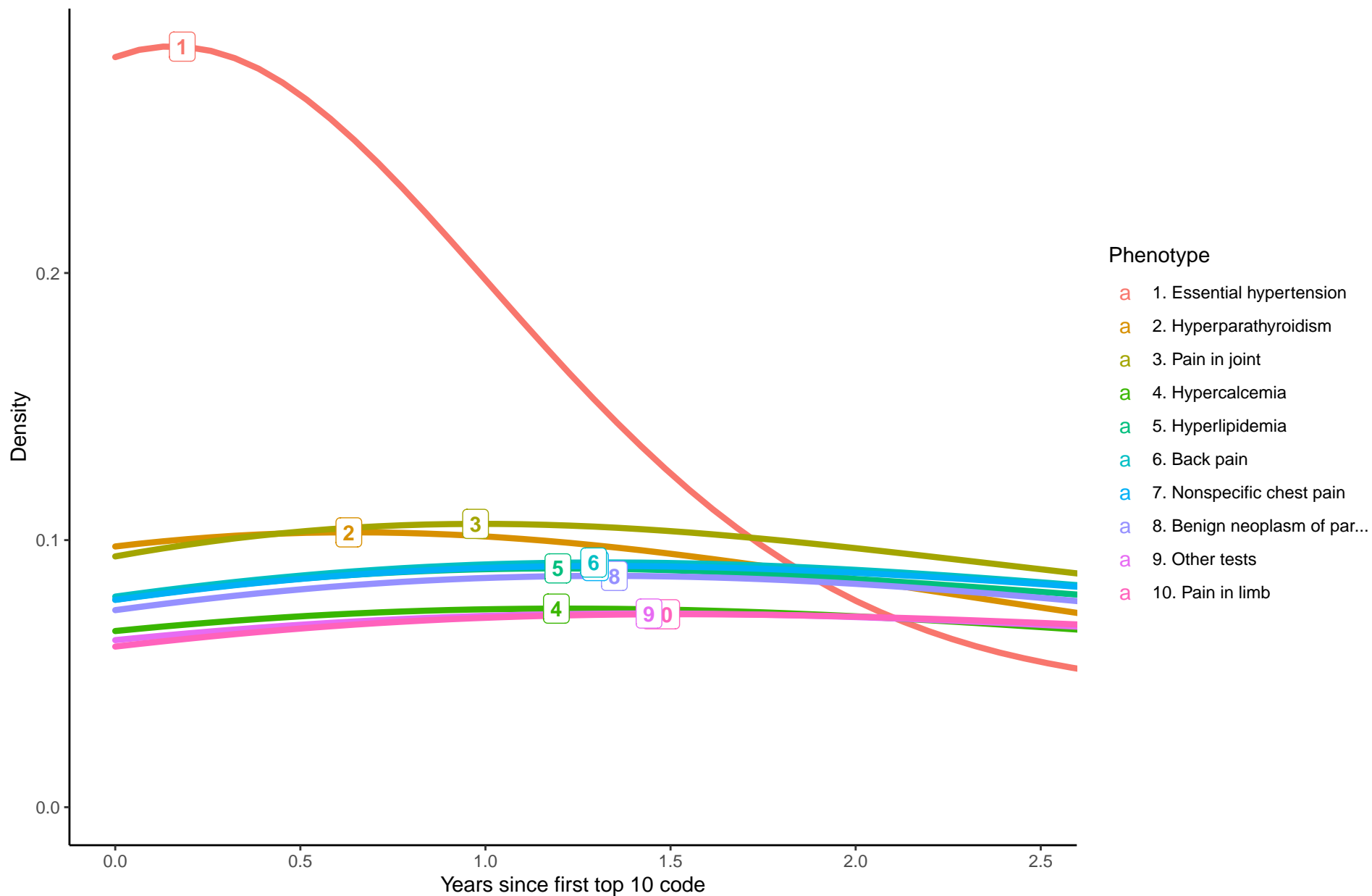


Cluster 40 Combined N = 163



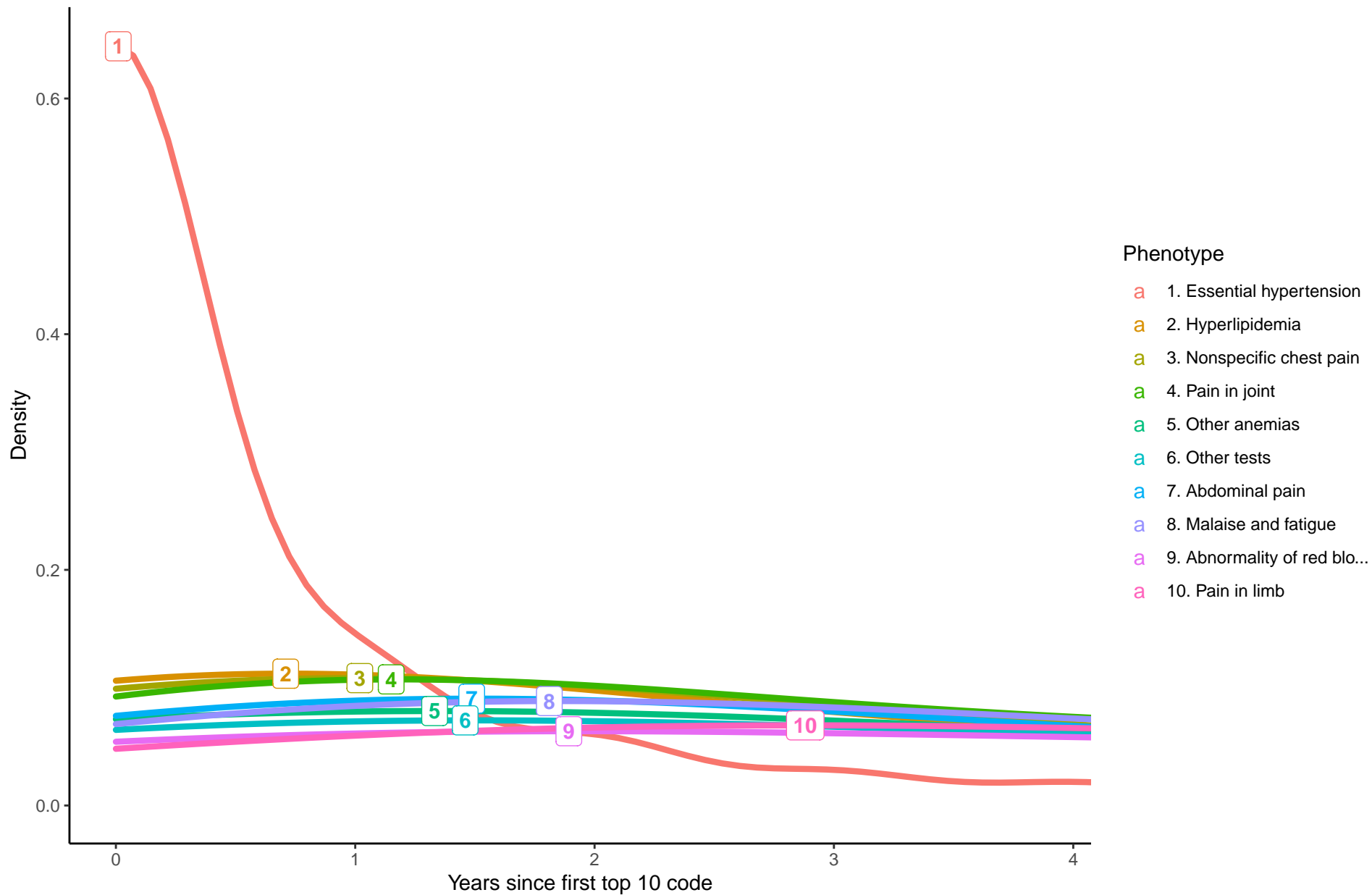
Distribution top 10 PheCodes through time

Cluster 41 Combined N = 510



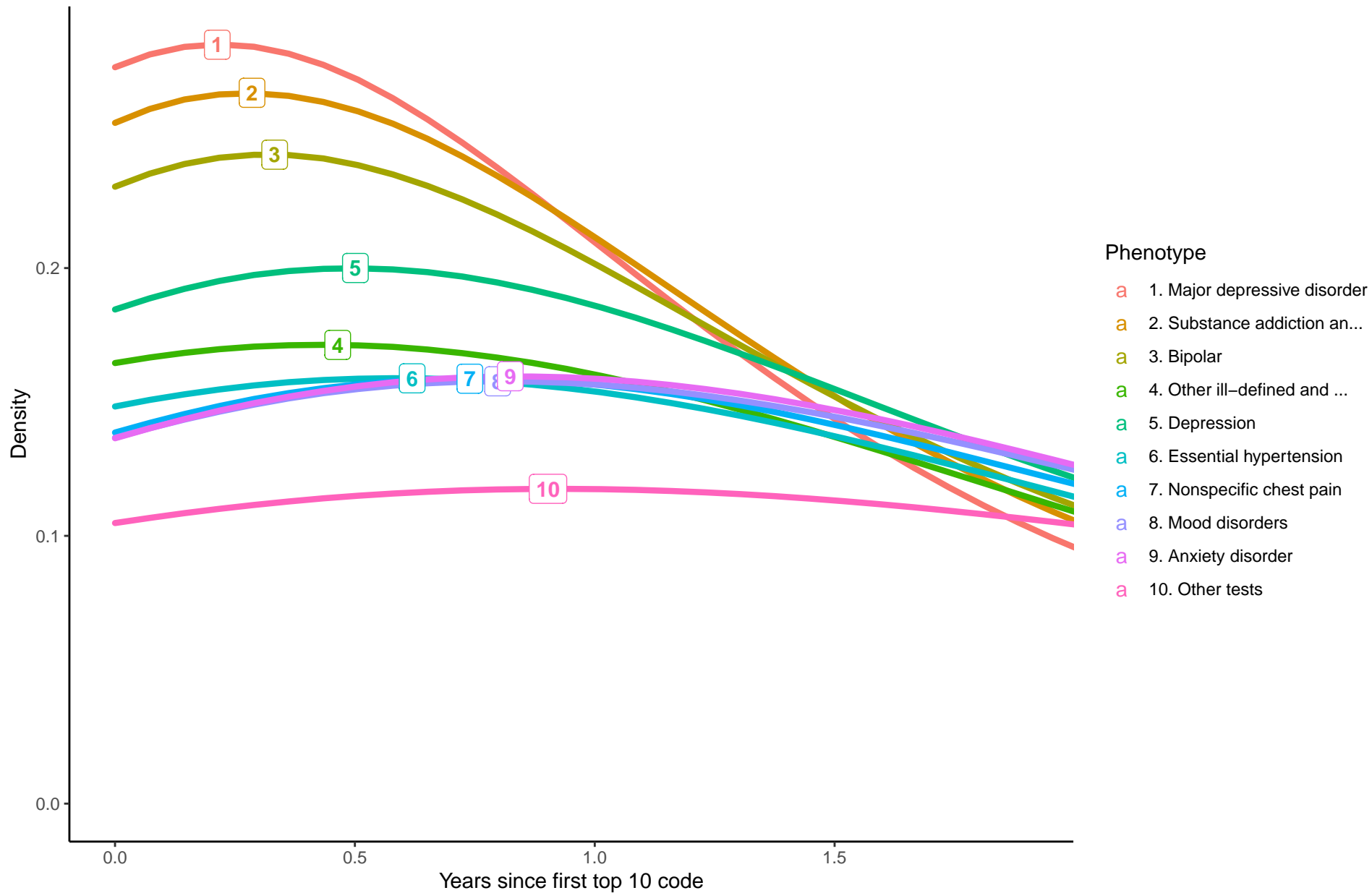
Distribution top 10 PheCodes through time

Cluster 42 Combined N = 154



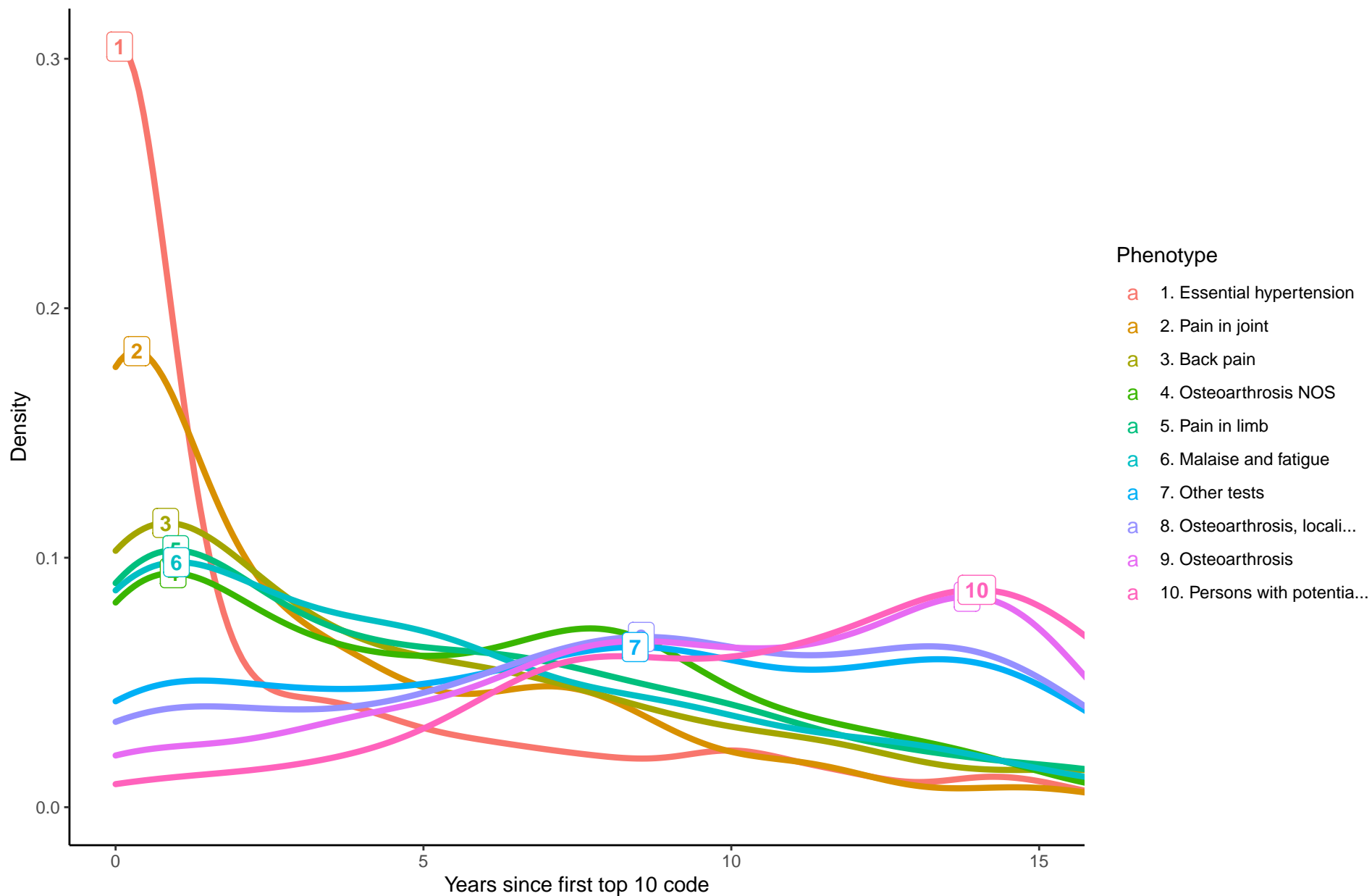
Distribution top 10 PheCodes through time

Cluster 43 Combined N = 1074



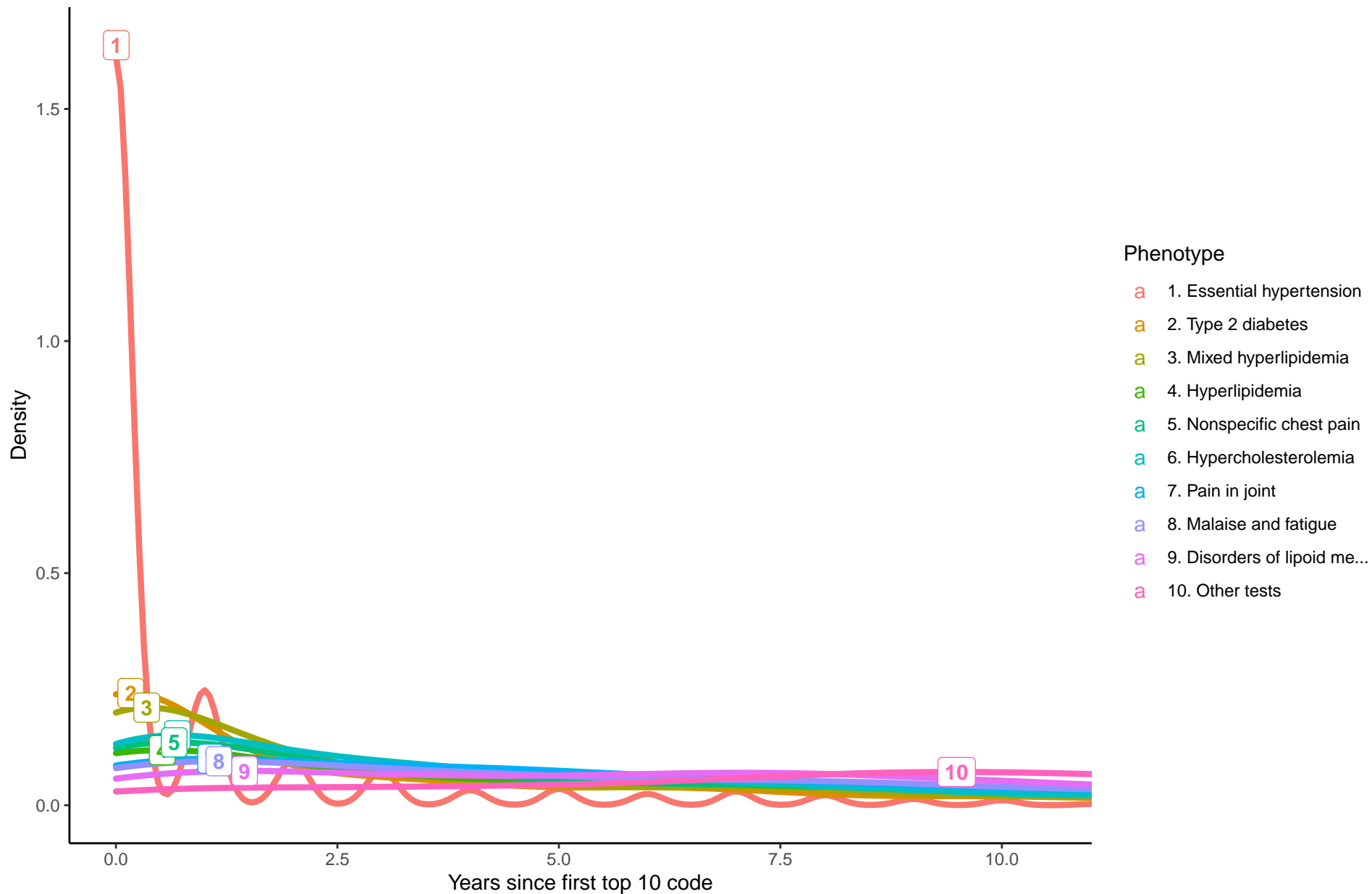
Distribution top 10 PheCodes through time

Cluster 44 Combined N = 568



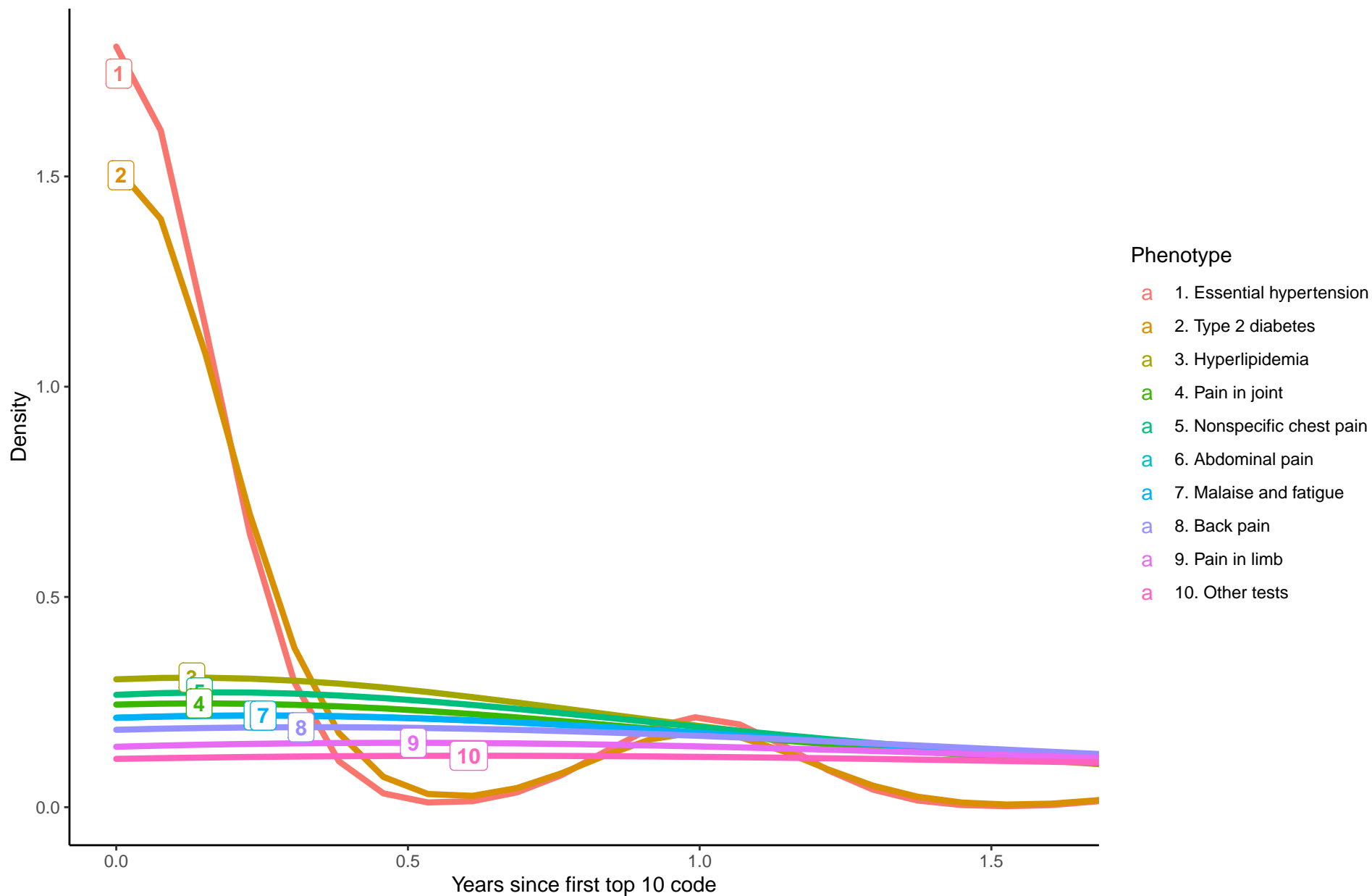
Distribution top 10 PheCodes through time

Cluster 45 Combined N = 873



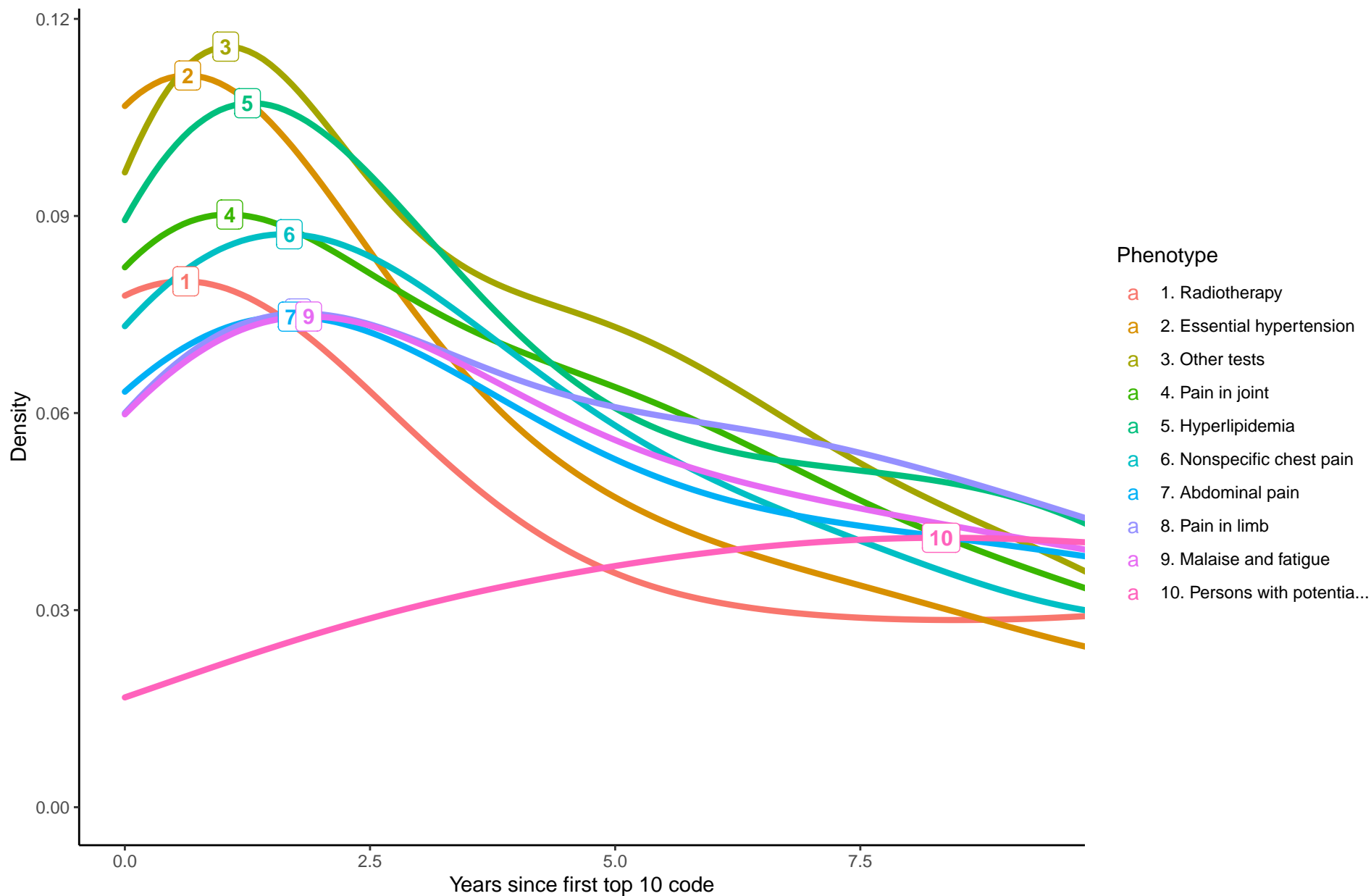
Distribution top 10 PheCodes through time

Cluster 46 Combined N = 2505



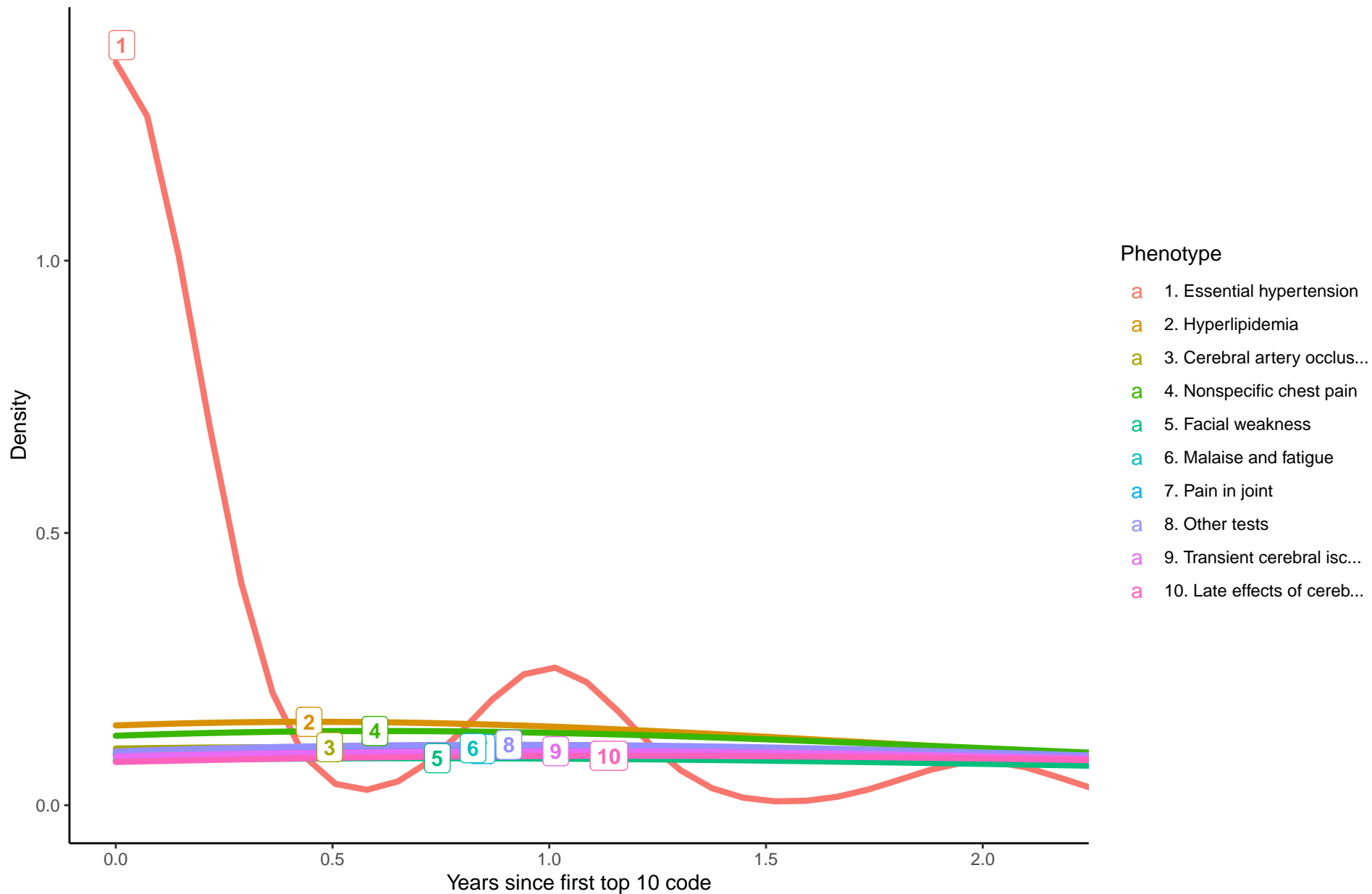
Distribution top 10 PheCodes through time

Cluster 47 Combined N = 324



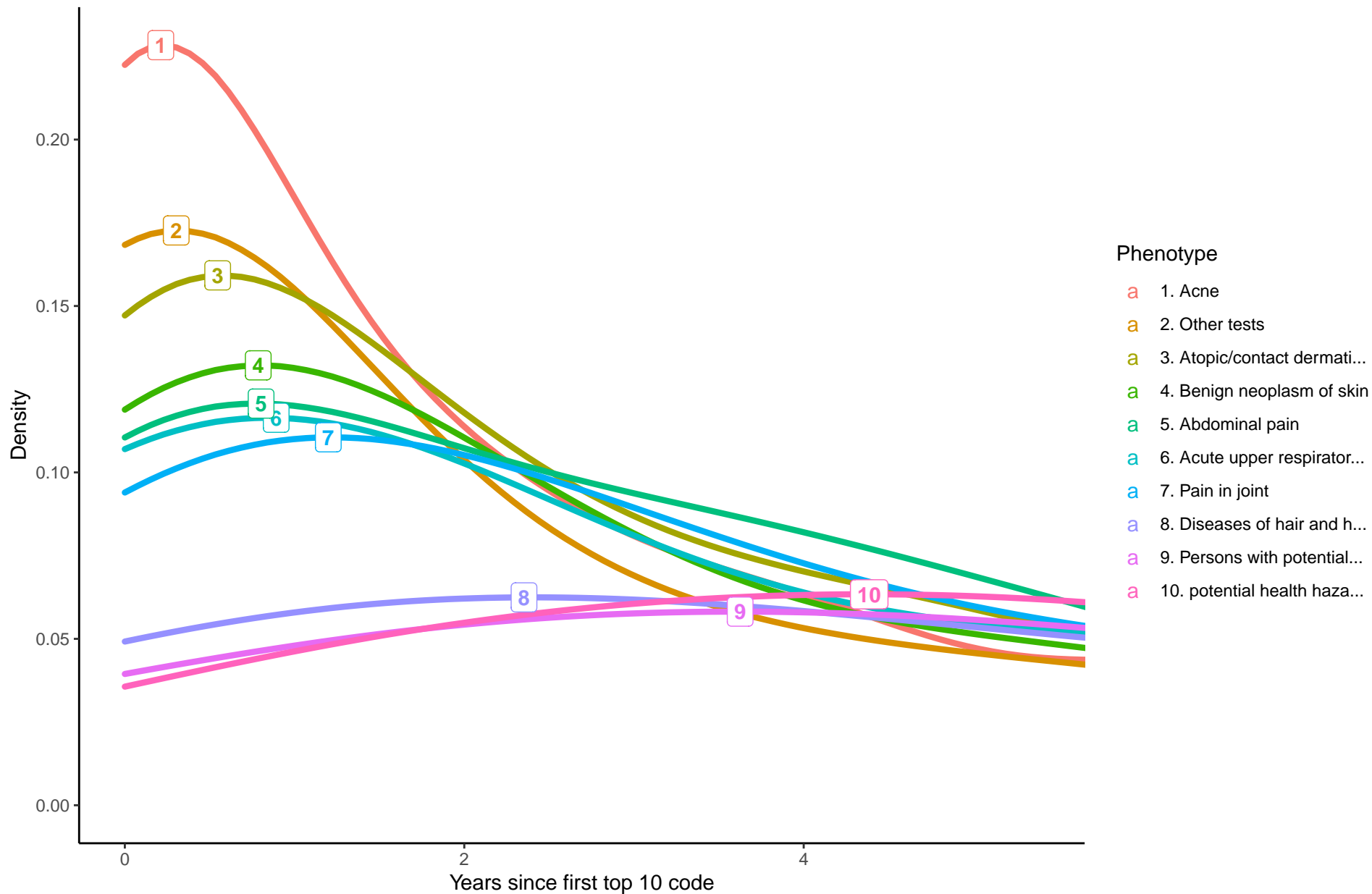
Distribution top 10 PheCodes through time

Cluster 48 Combined N = 893



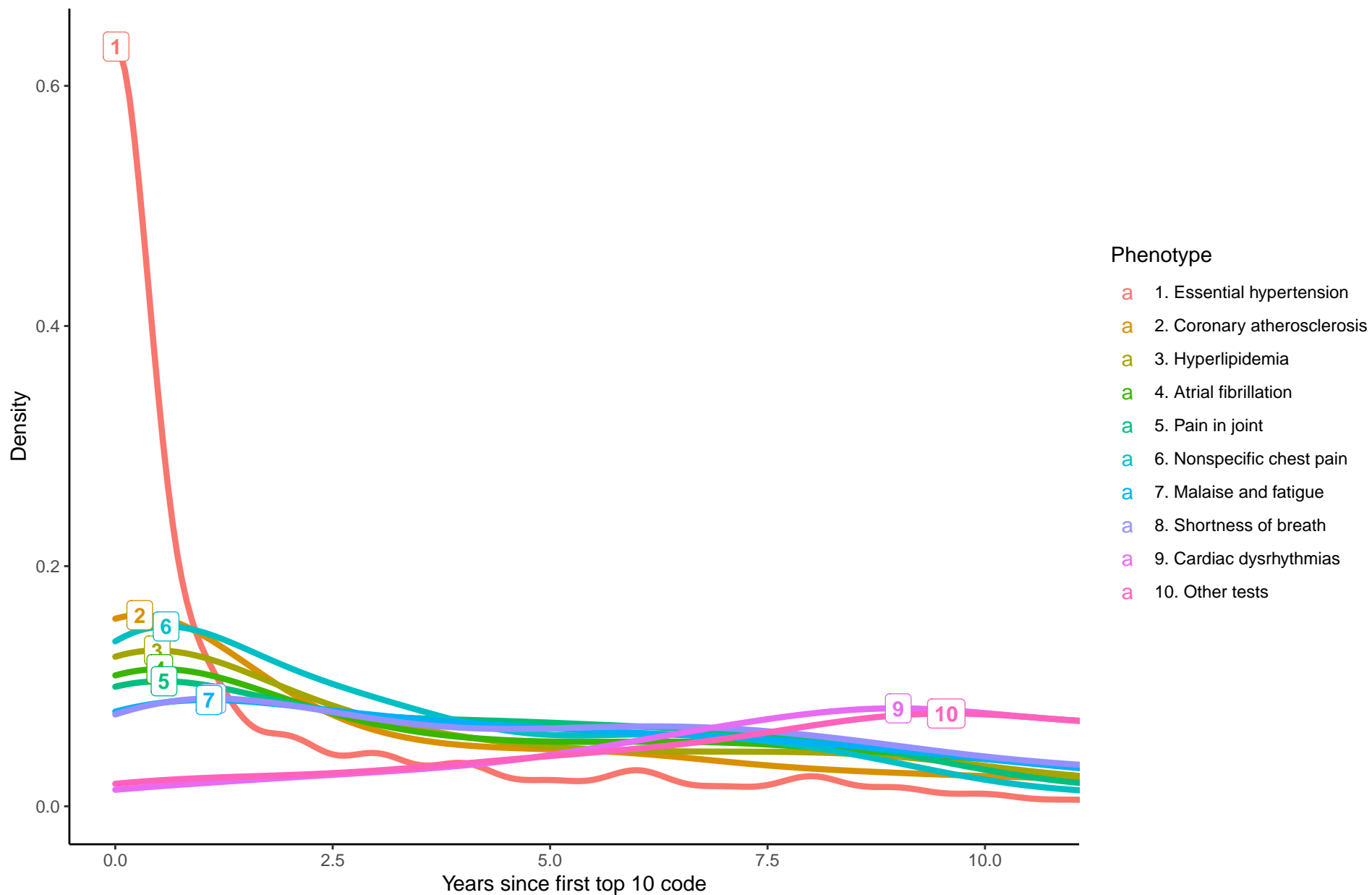
Distribution top 10 PheCodes through time

Cluster 49 Combined N = 541



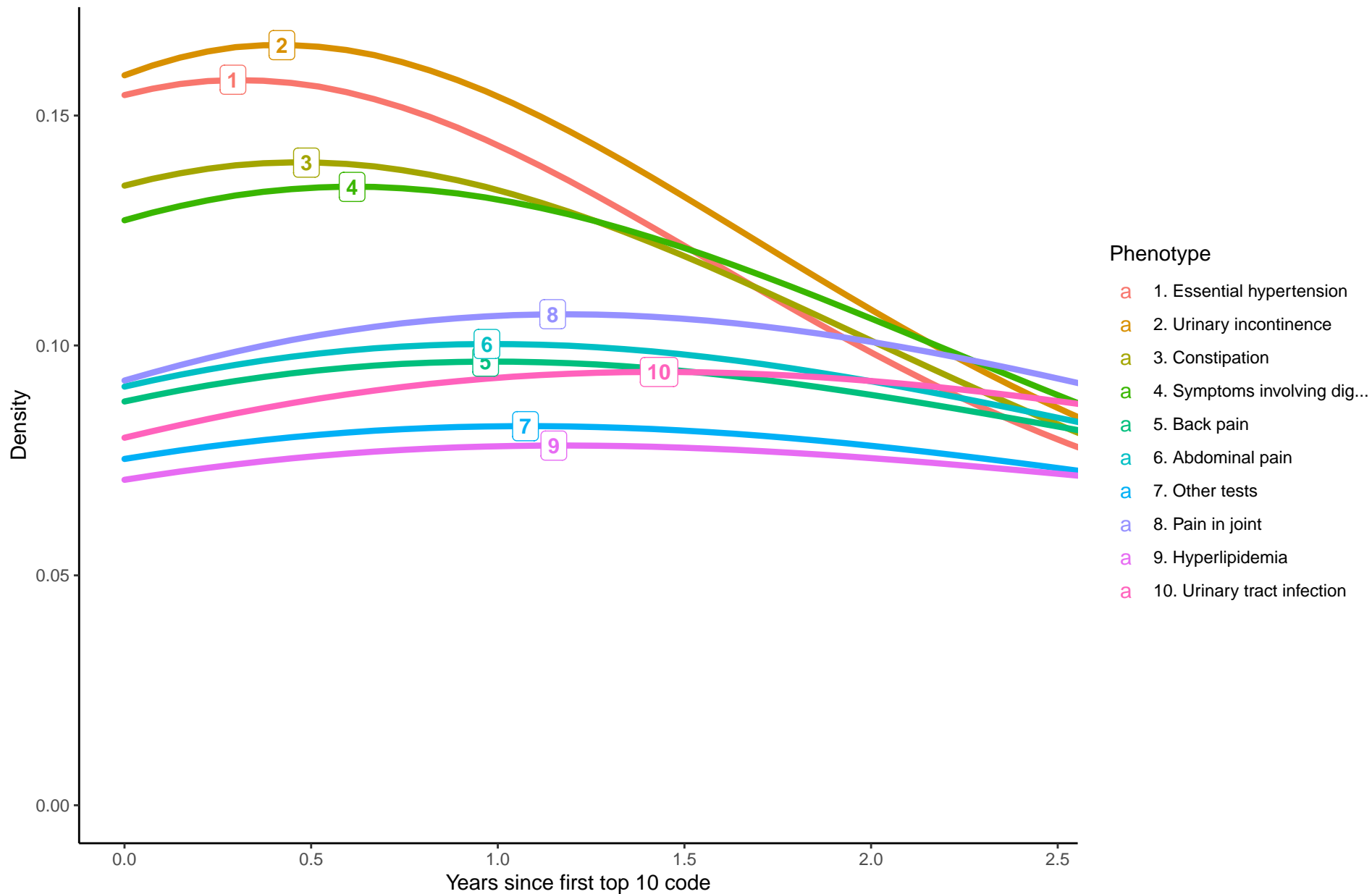
Distribution top 10 PheCodes through time

Cluster 5 Combined N = 451



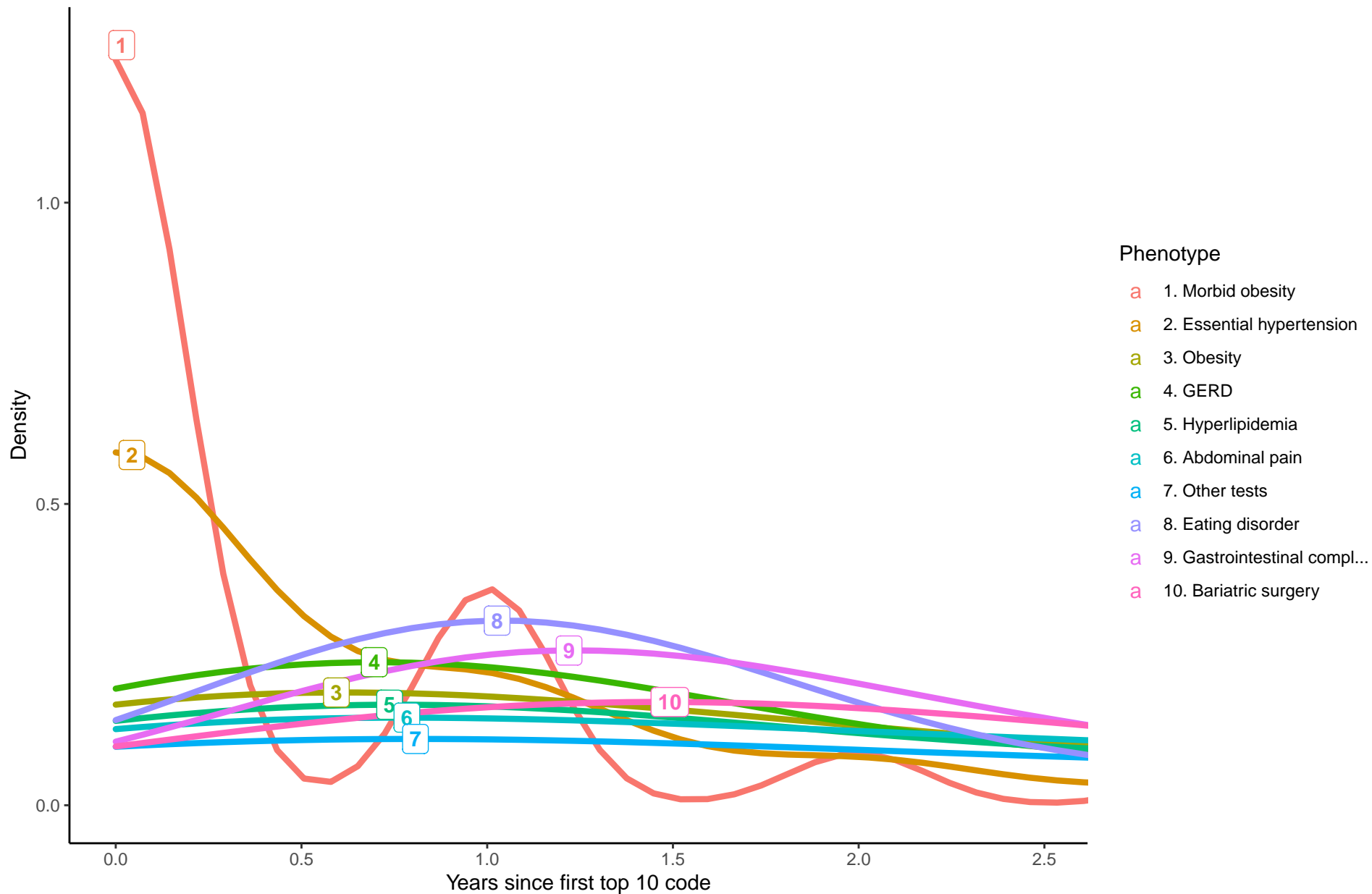
Distribution top 10 PheCodes through time

Cluster 50 Combined N = 482



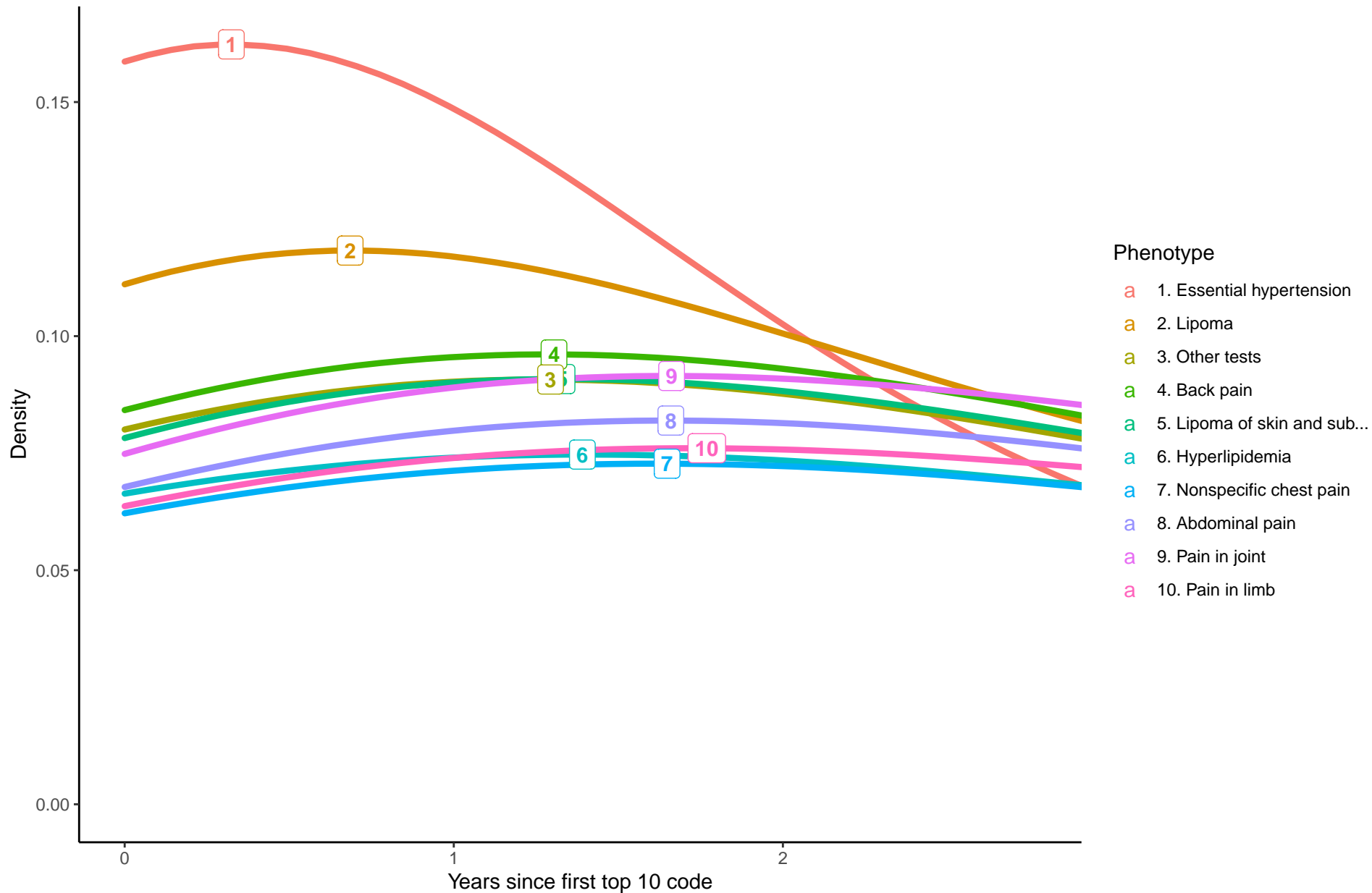
Distribution top 10 PheCodes through time

Cluster 51 Combined N = 950



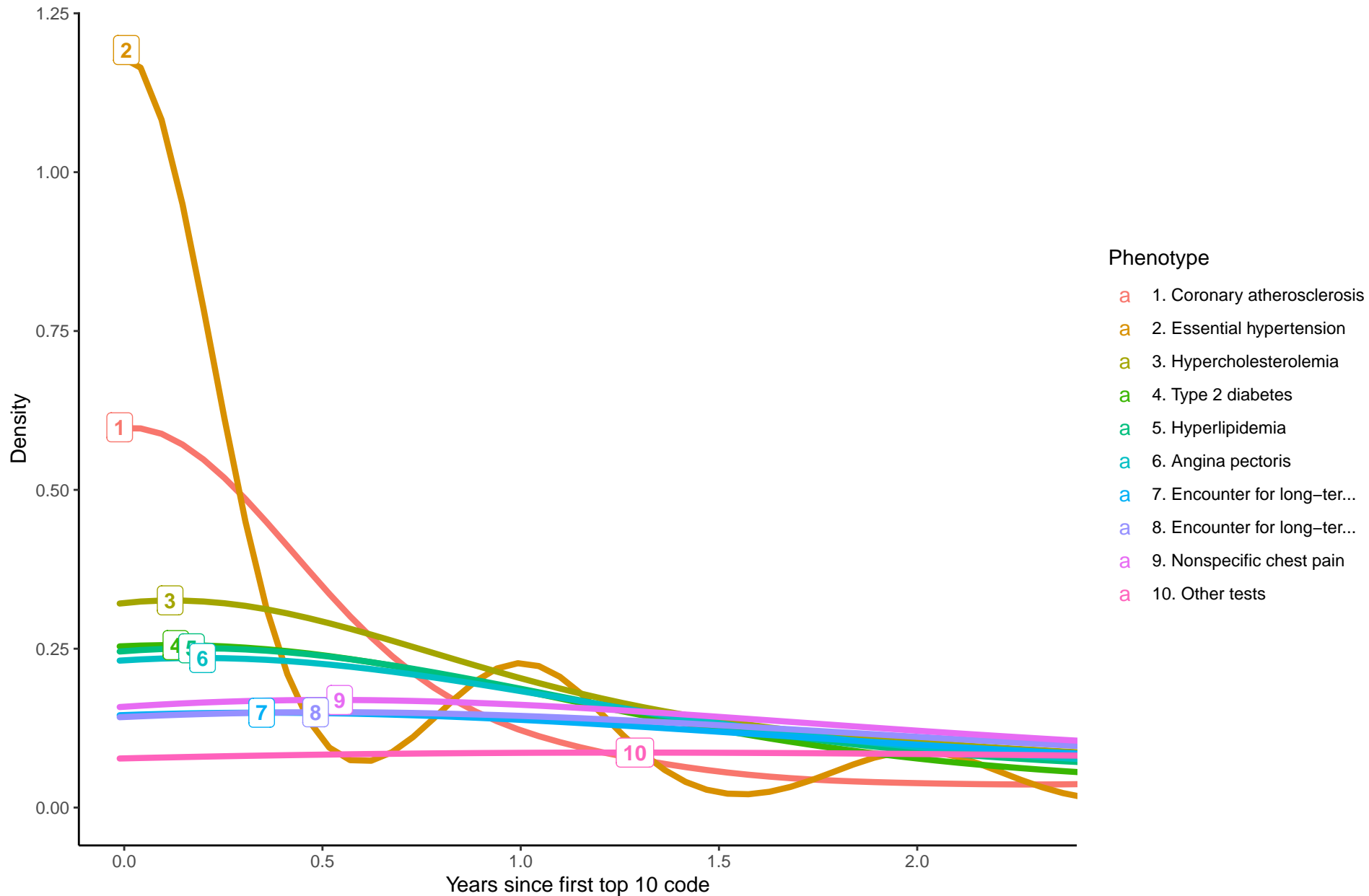
Distribution top 10 PheCodes through time

Cluster 52 Combined N = 394



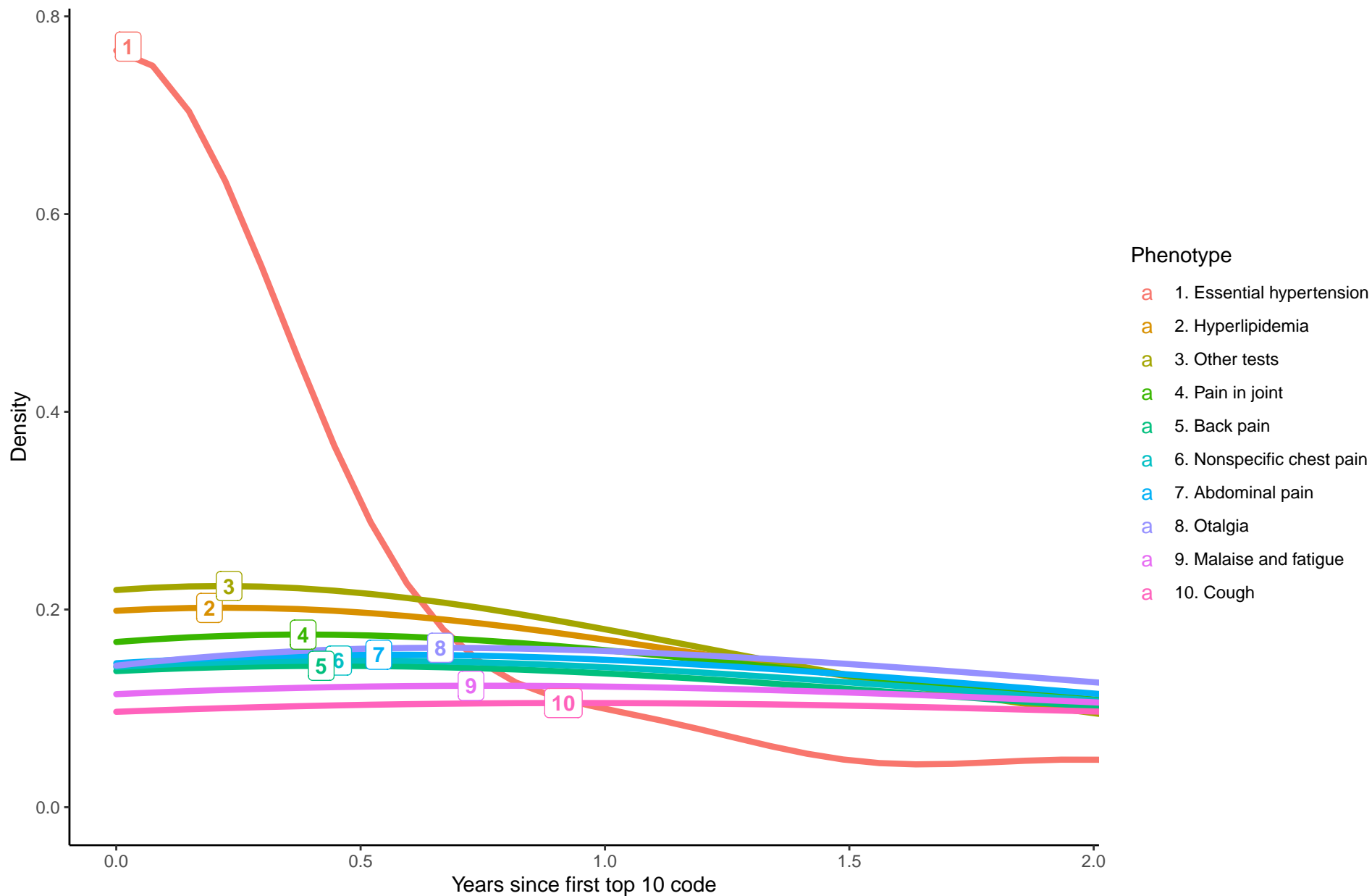
Distribution top 10 PheCodes through time

Cluster 53 Combined N = 326



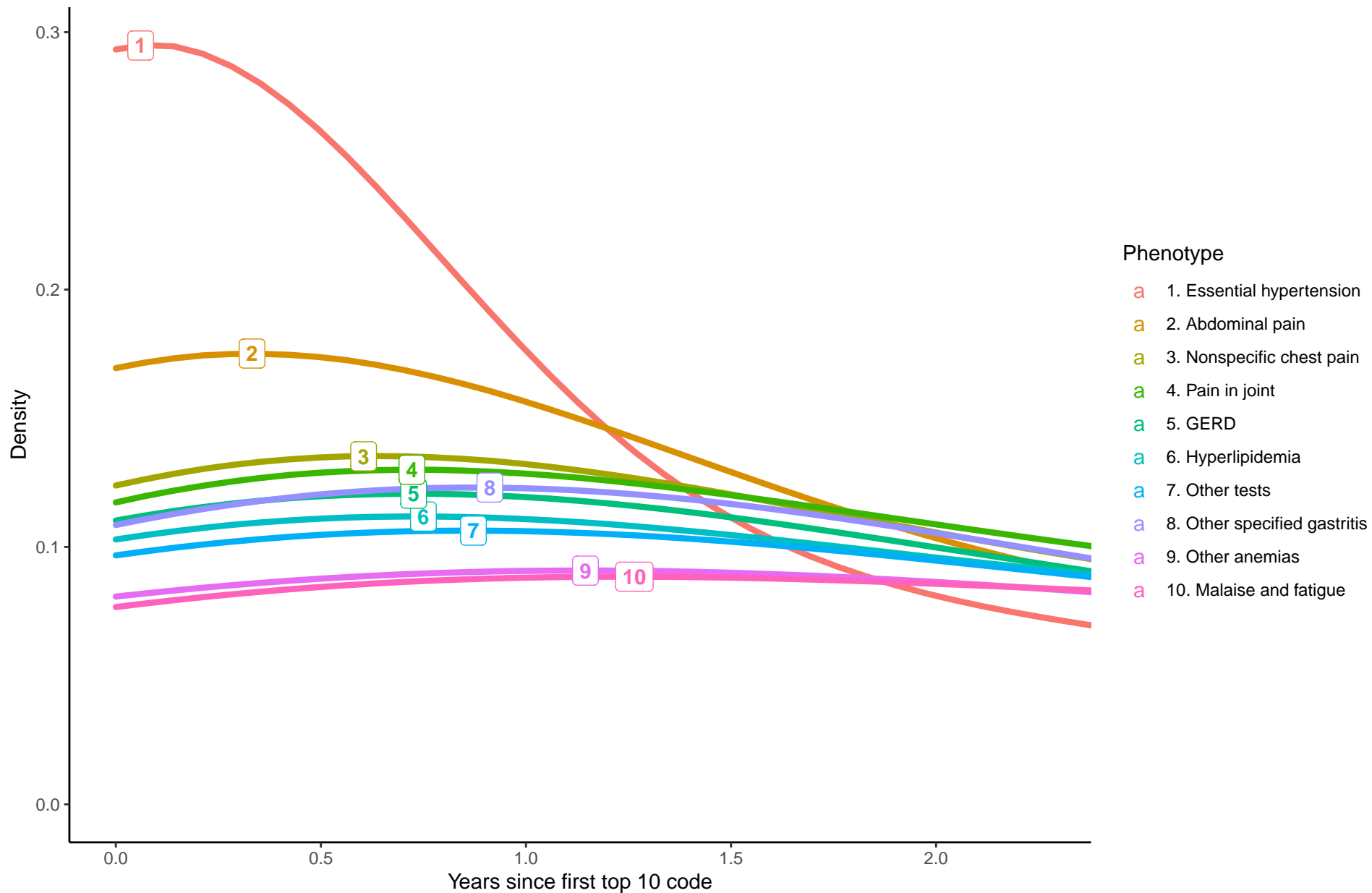
Distribution top 10 PheCodes through time

Cluster 54 Combined N = 832



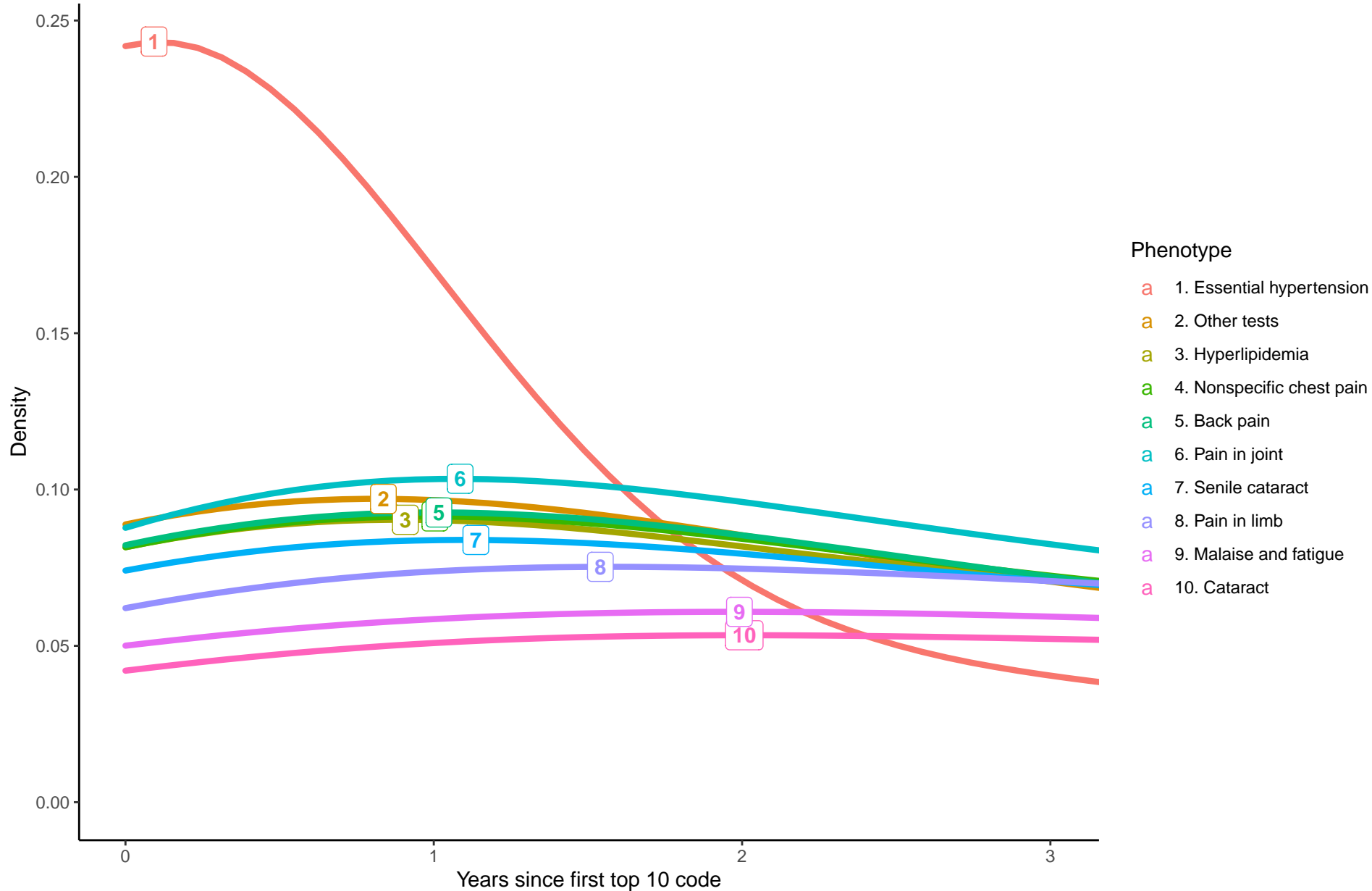
Distribution top 10 PheCodes through time

Cluster 55 Combined N = 945



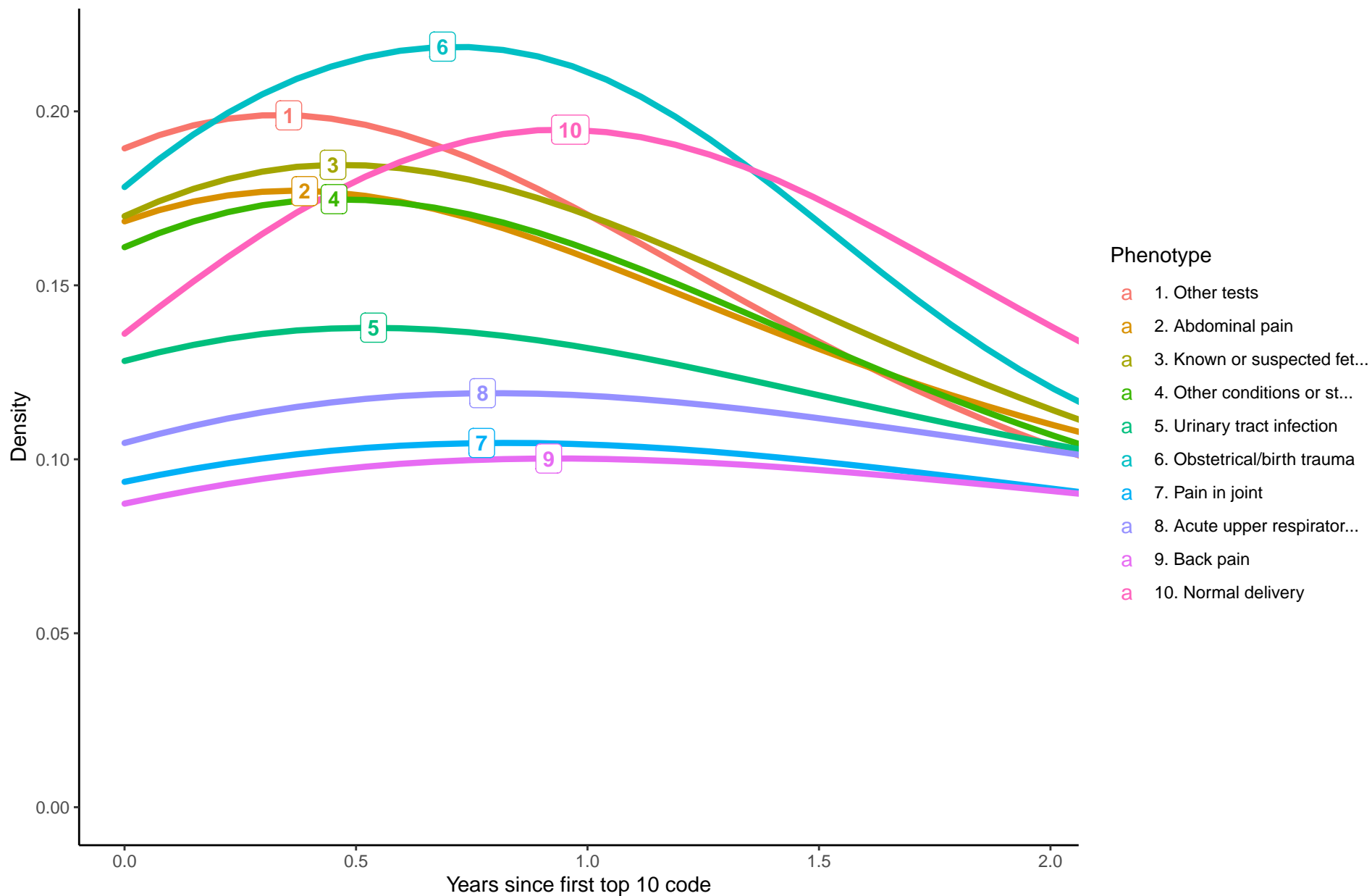
Distribution top 10 PheCodes through time

Cluster 56 Combined N = 1887



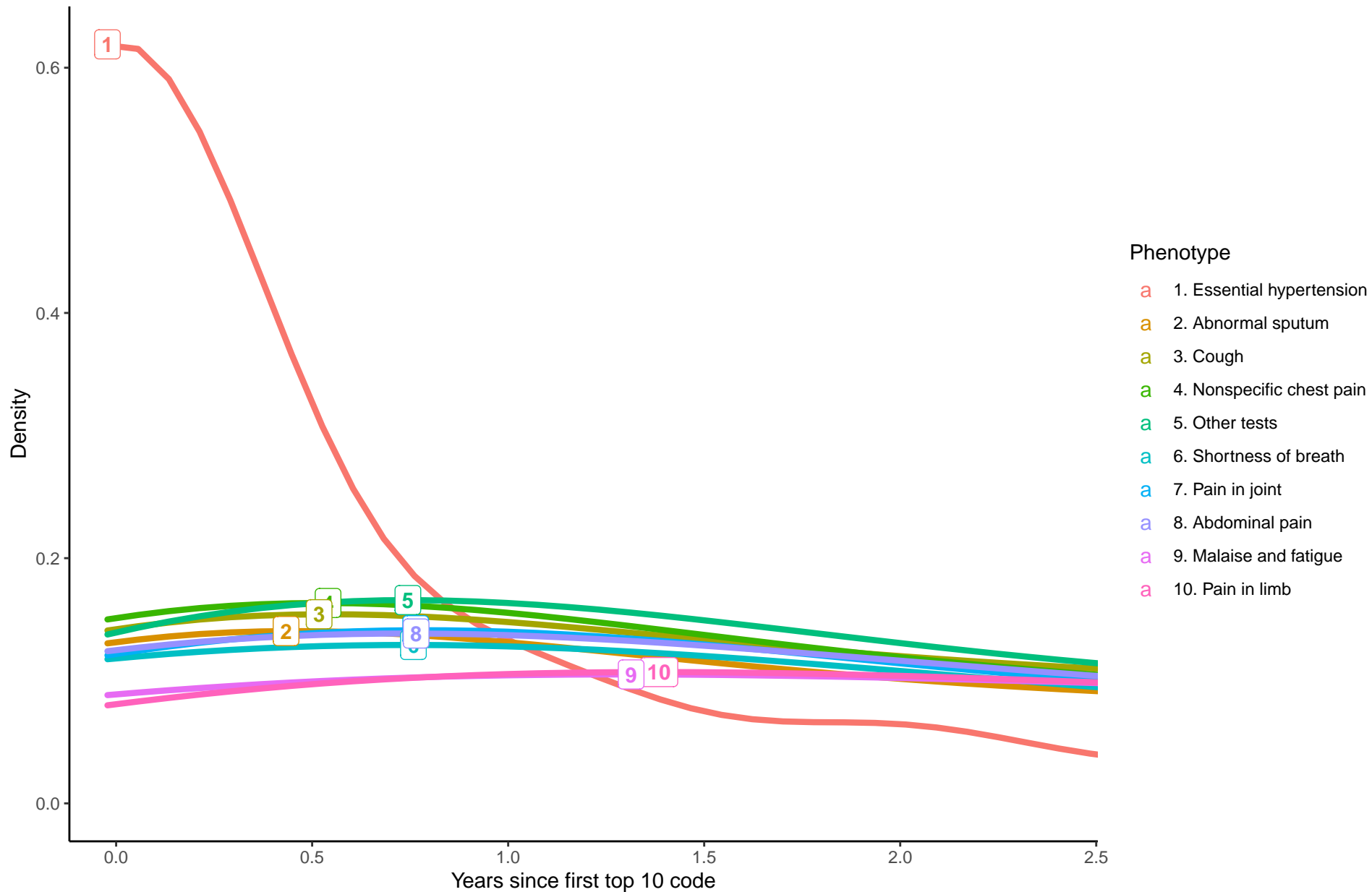
Distribution top 10 PheCodes through time

Cluster 57 Combined N = 2871



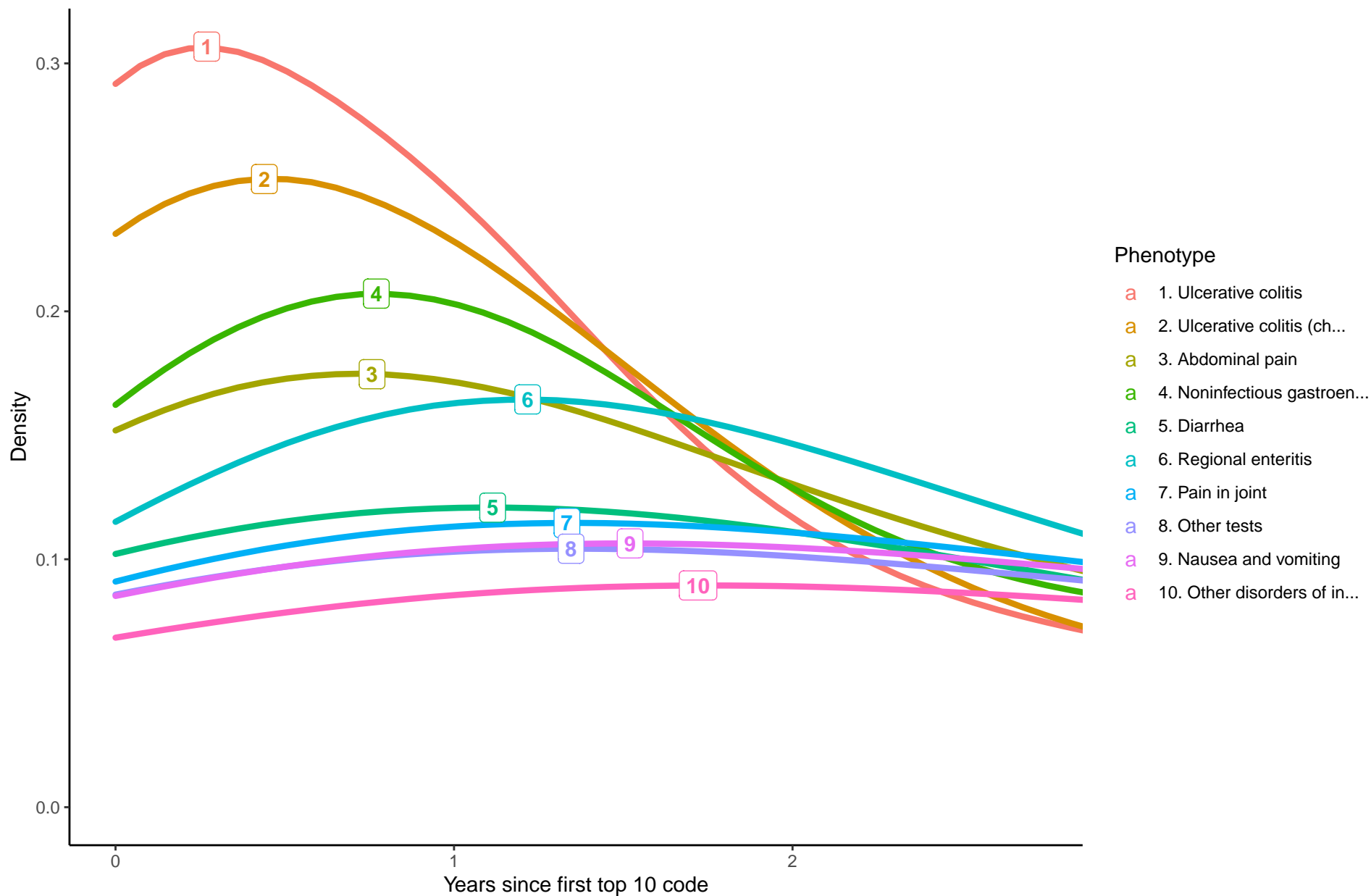
Distribution top 10 PheCodes through time

Cluster 58 Combined N = 577



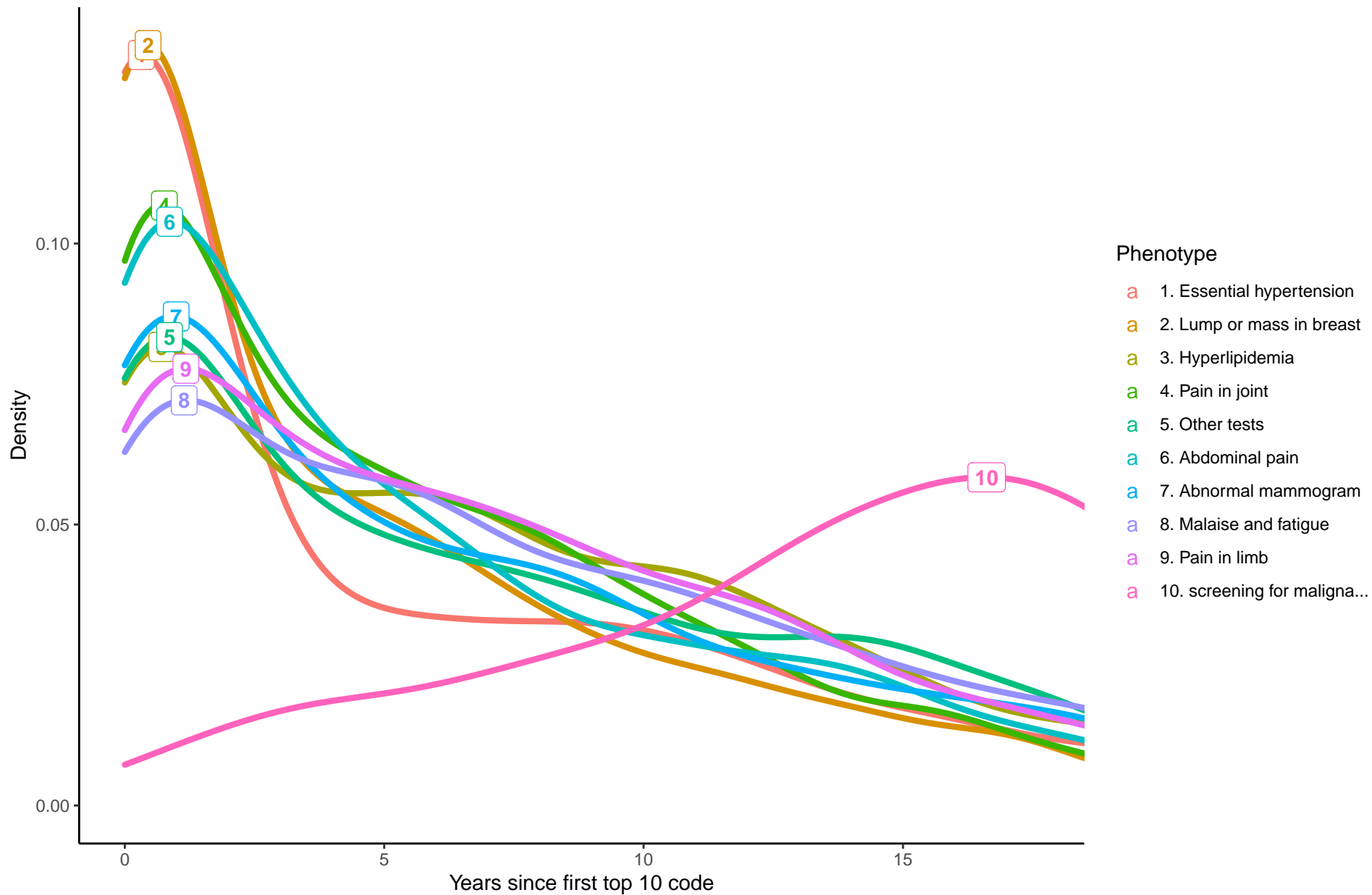
Distribution top 10 PheCodes through time

Cluster 6 Combined N = 572



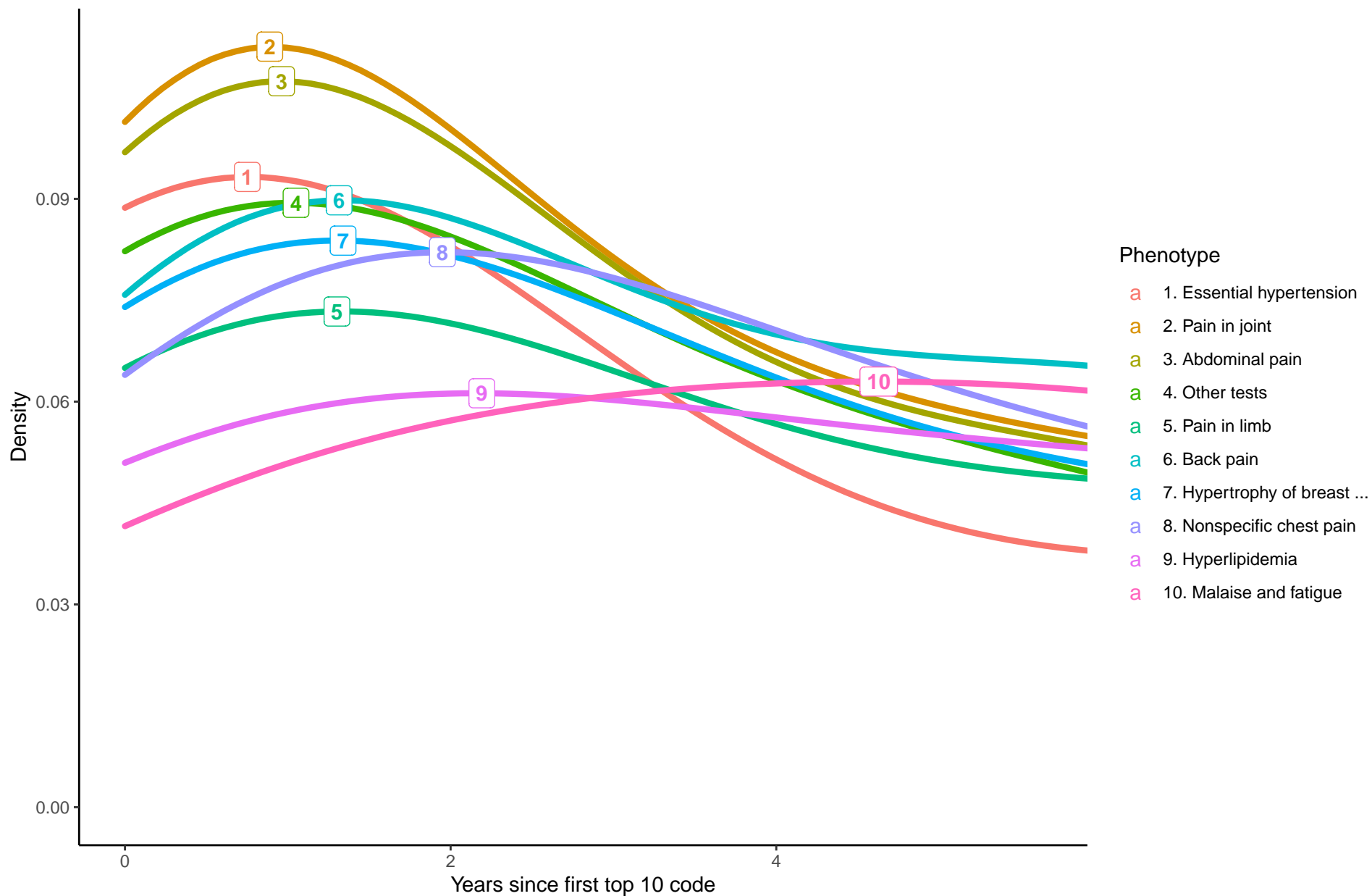
Distribution top 10 PheCodes through time

Cluster 60 Combined N = 2206



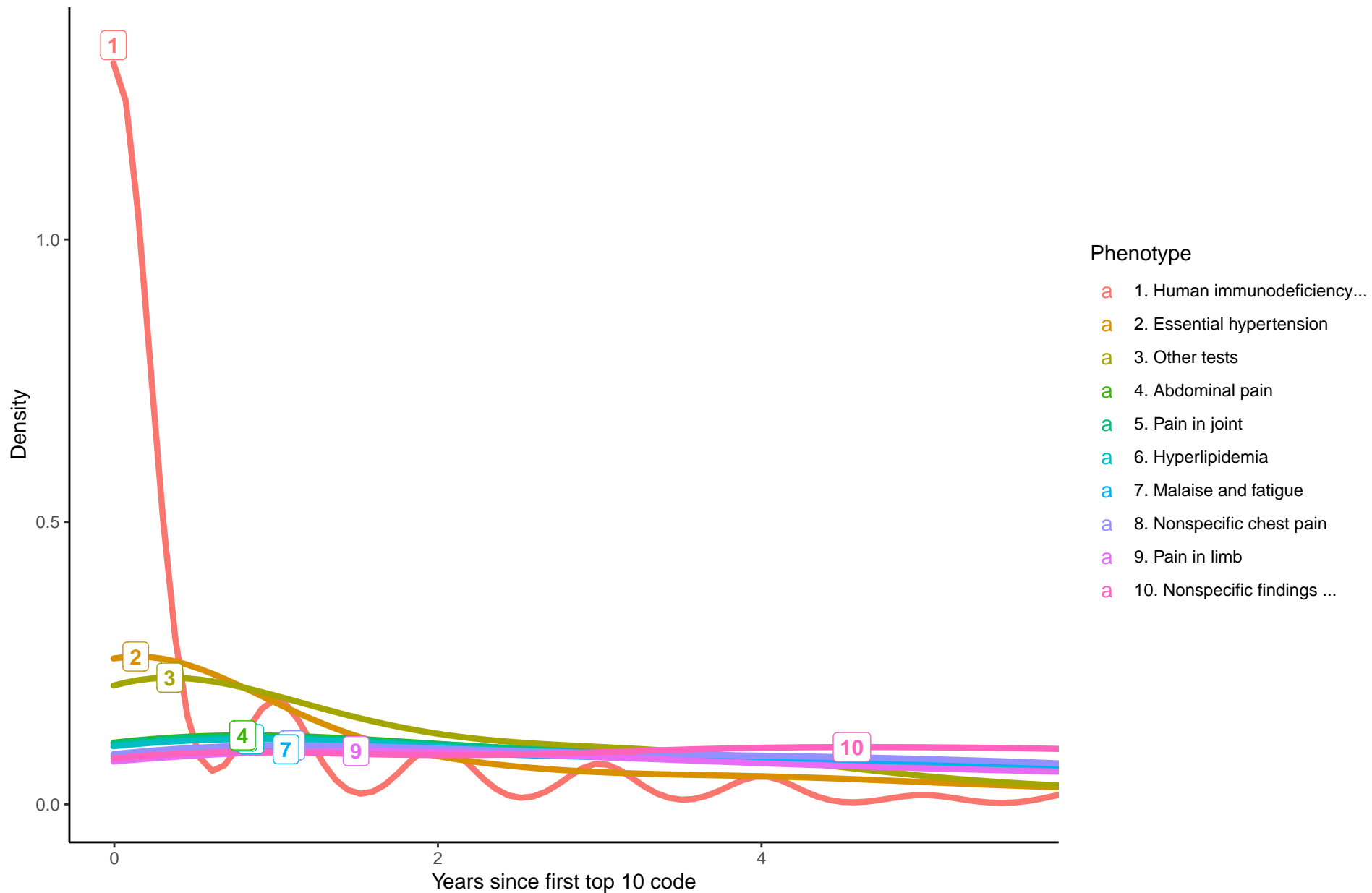
Distribution top 10 PheCodes through time

Cluster 61 Combined N = 319



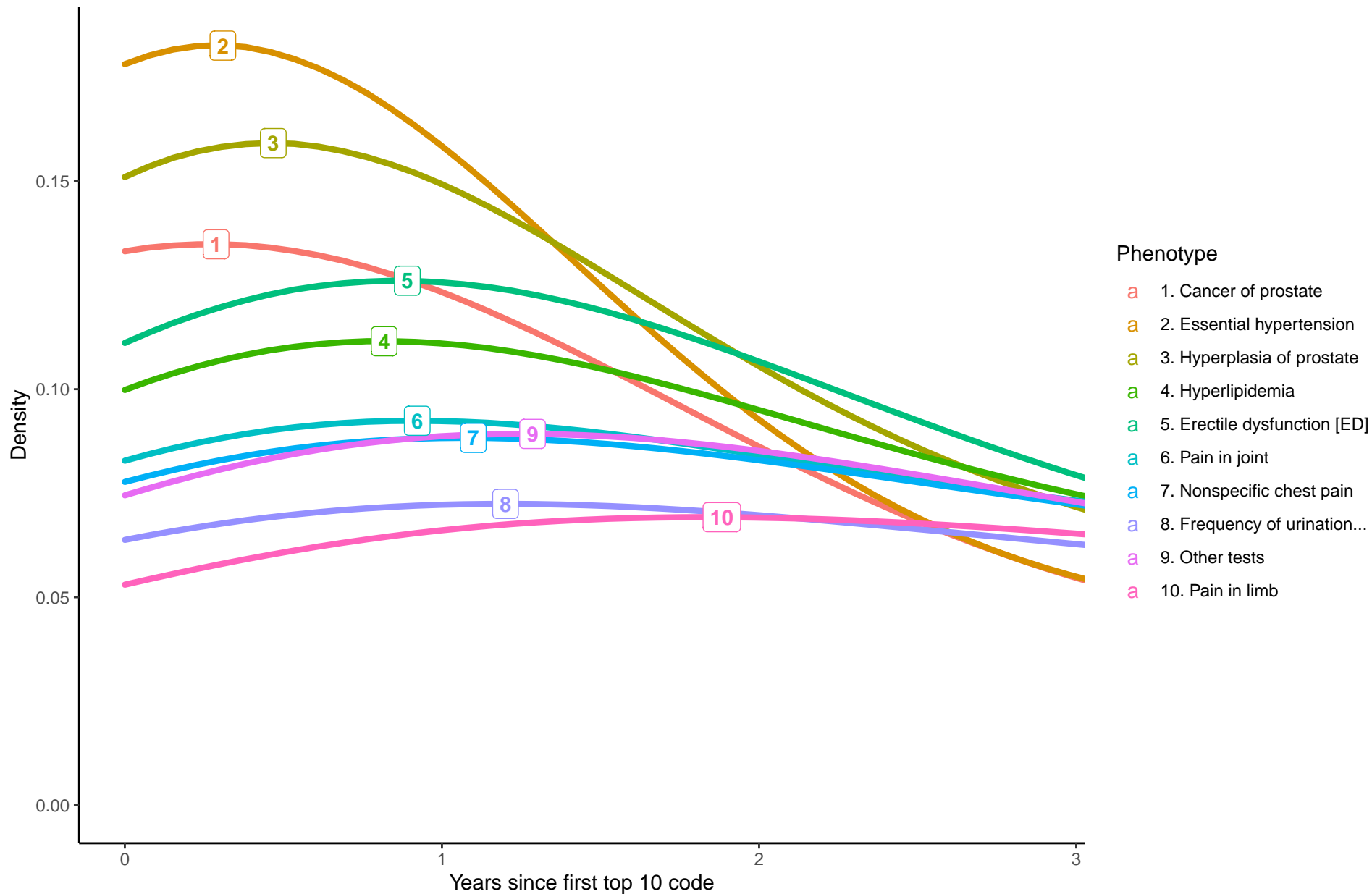
Distribution top 10 PheCodes through time

Cluster 62 Combined N = 766



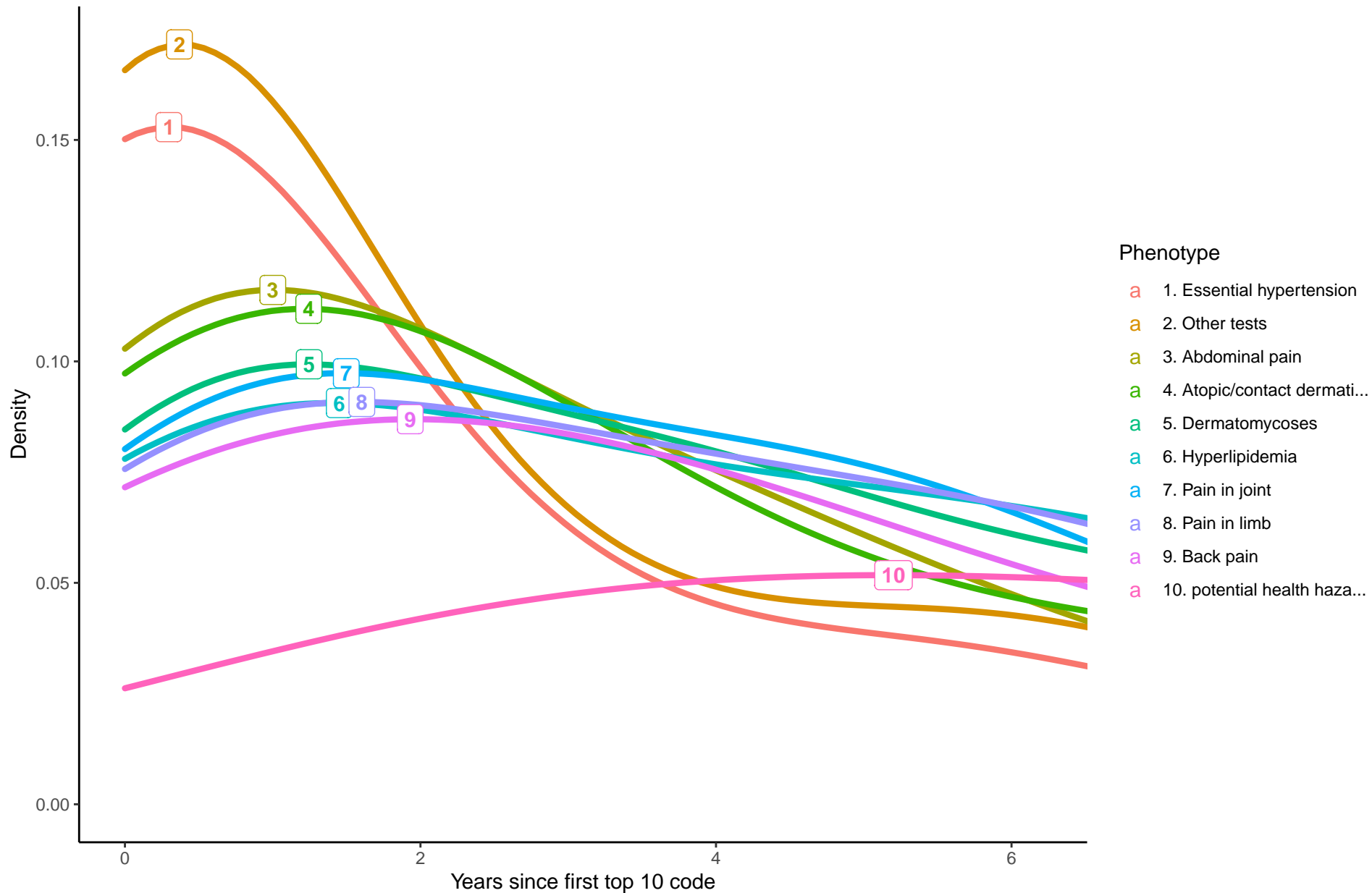
Distribution top 10 PheCodes through time

Cluster 63 Combined N = 1877



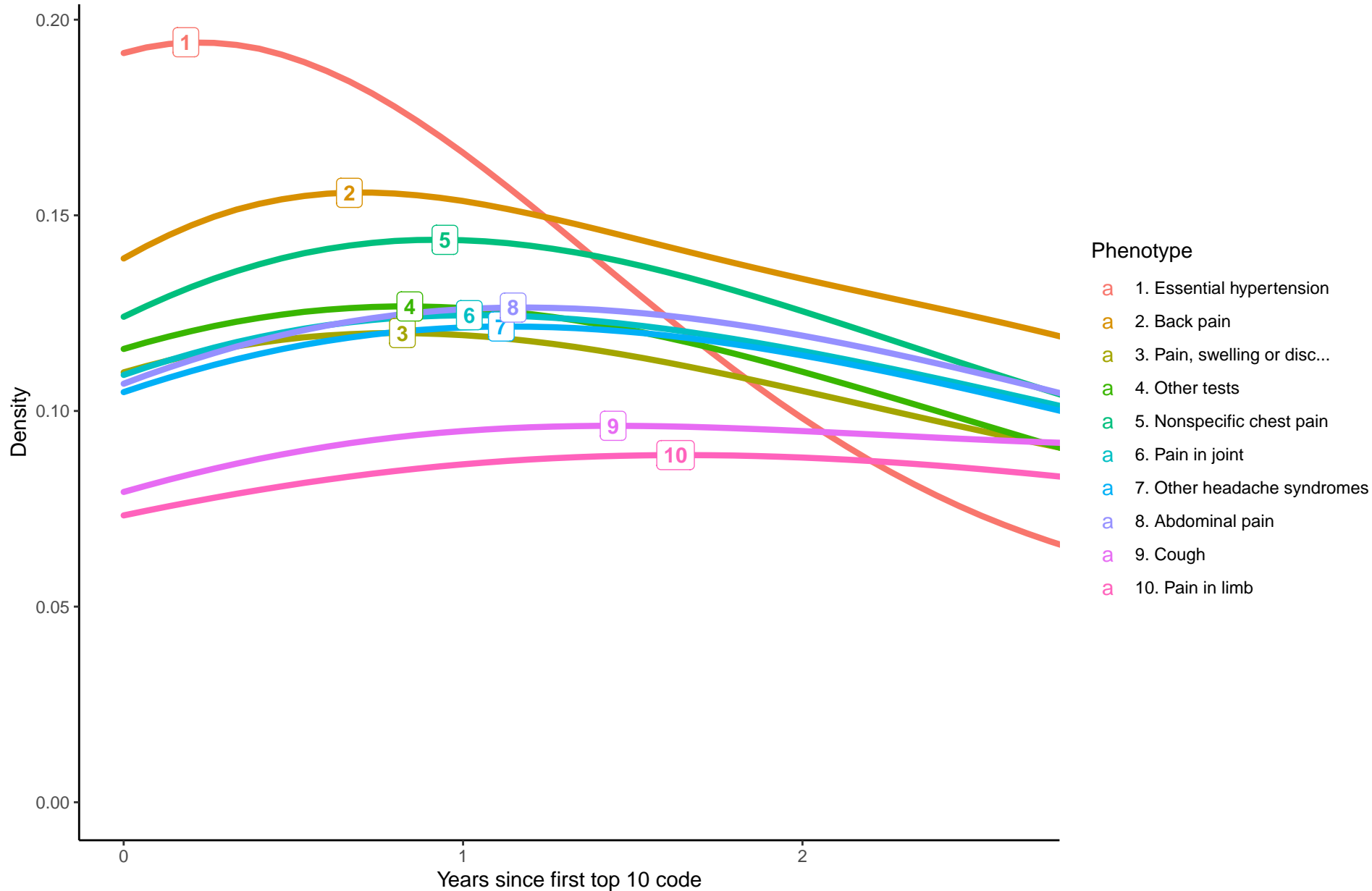
Distribution top 10 PheCodes through time

Cluster 64 Combined N = 363



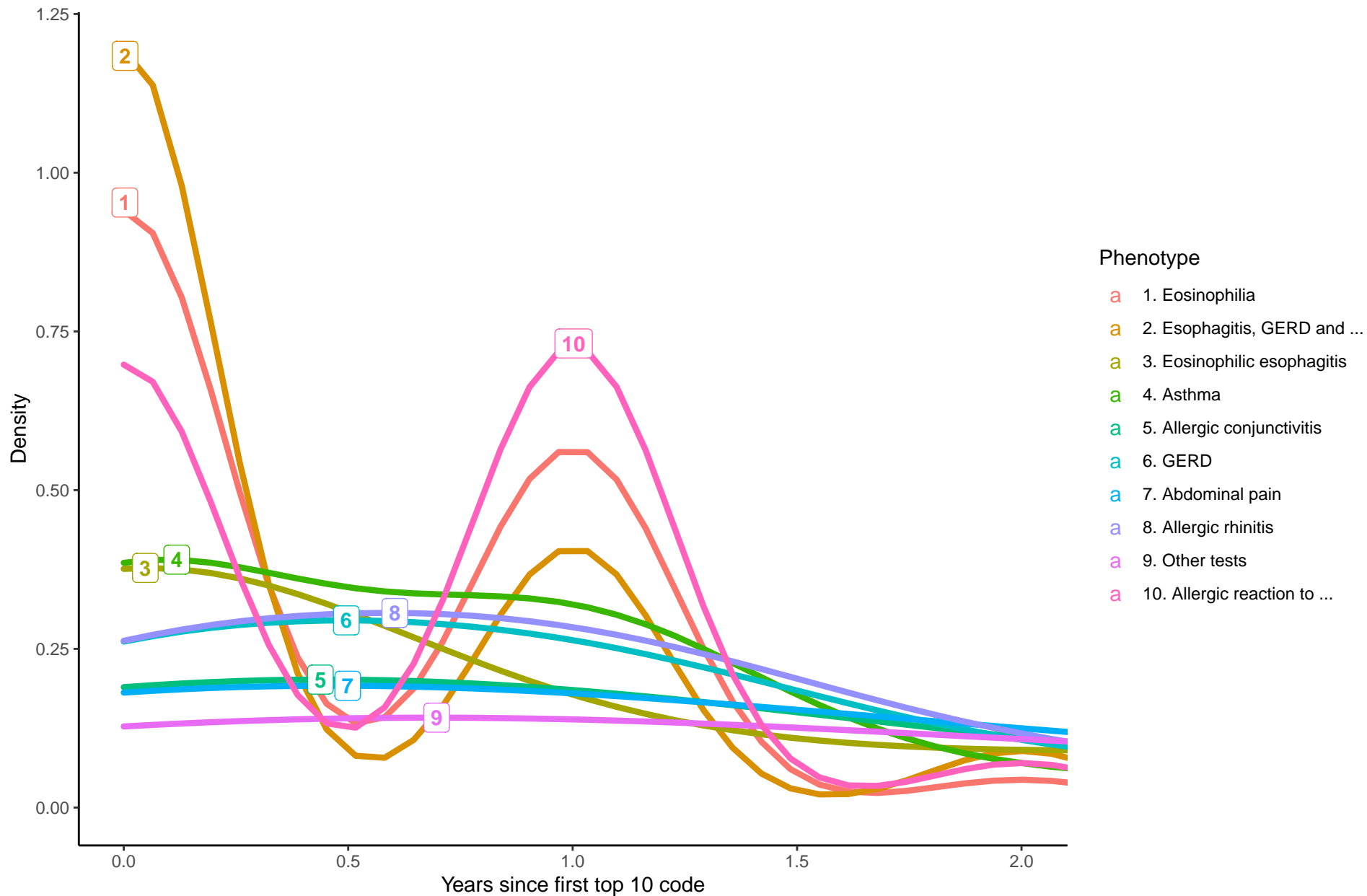
Distribution top 10 PheCodes through time

Cluster 65 Combined N = 322



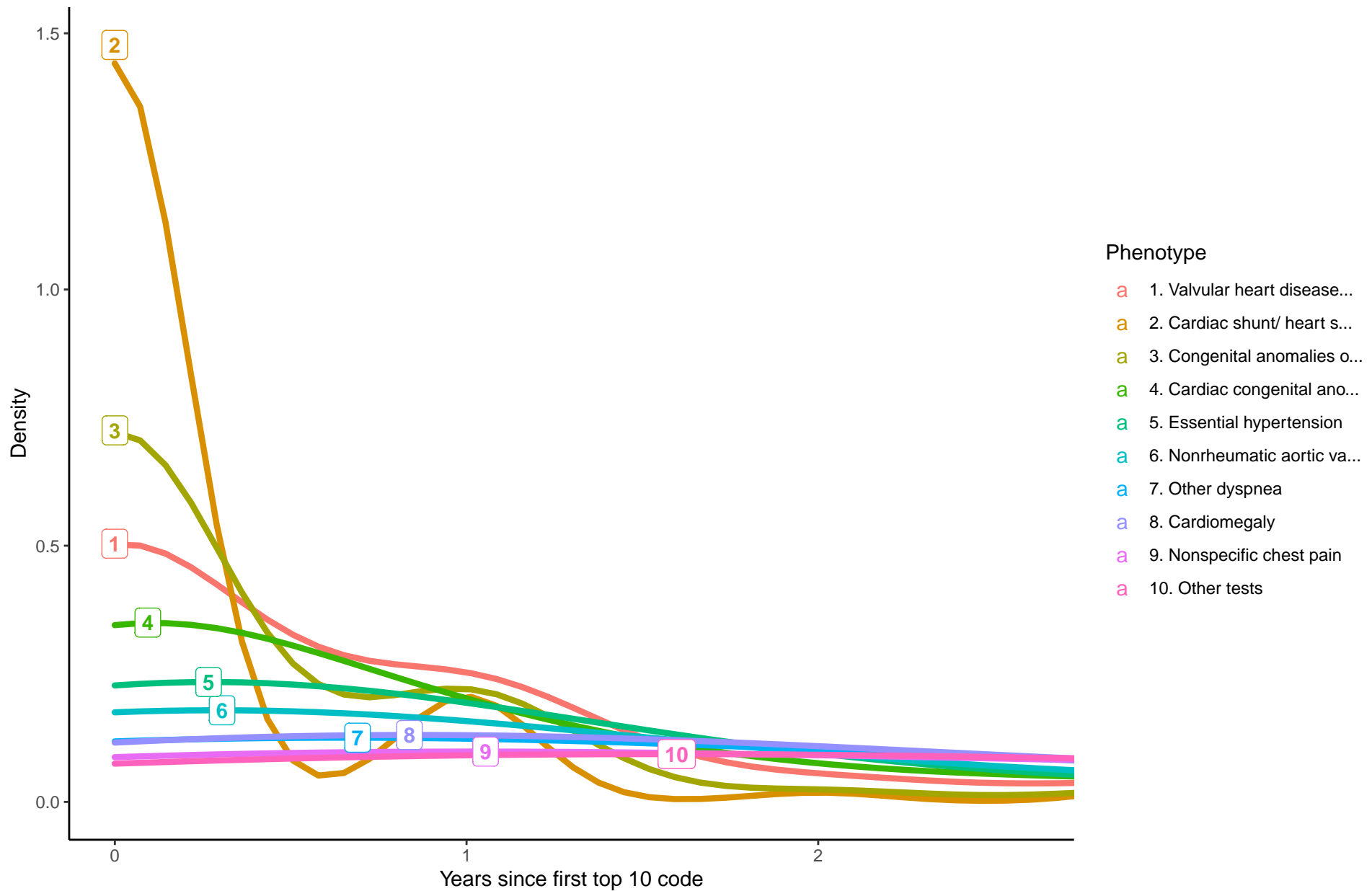
Distribution top 10 PheCodes through time

Cluster 66 Combined N = 745



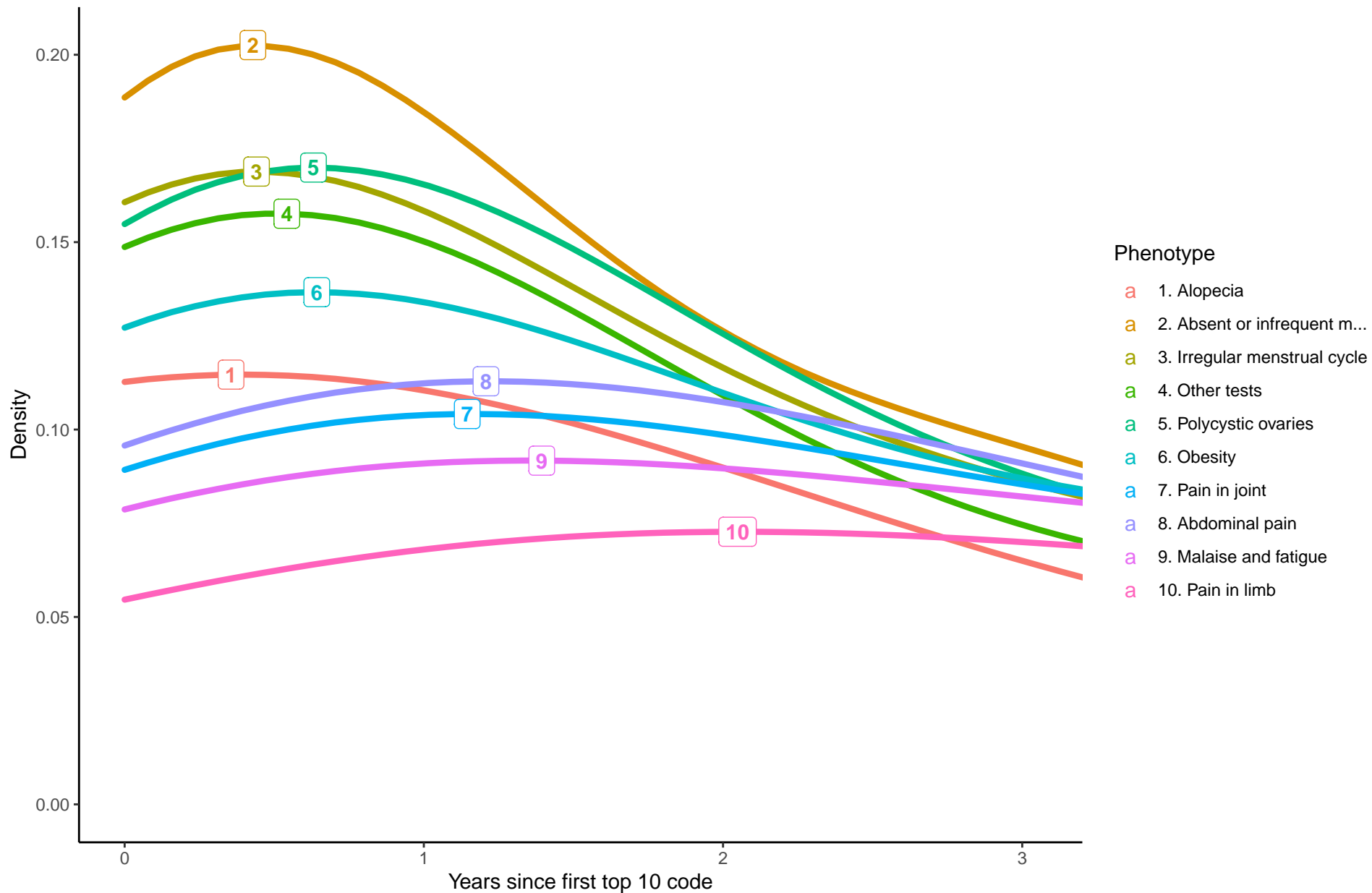
Distribution top 10 PheCodes through time

Cluster 67 Combined N = 859

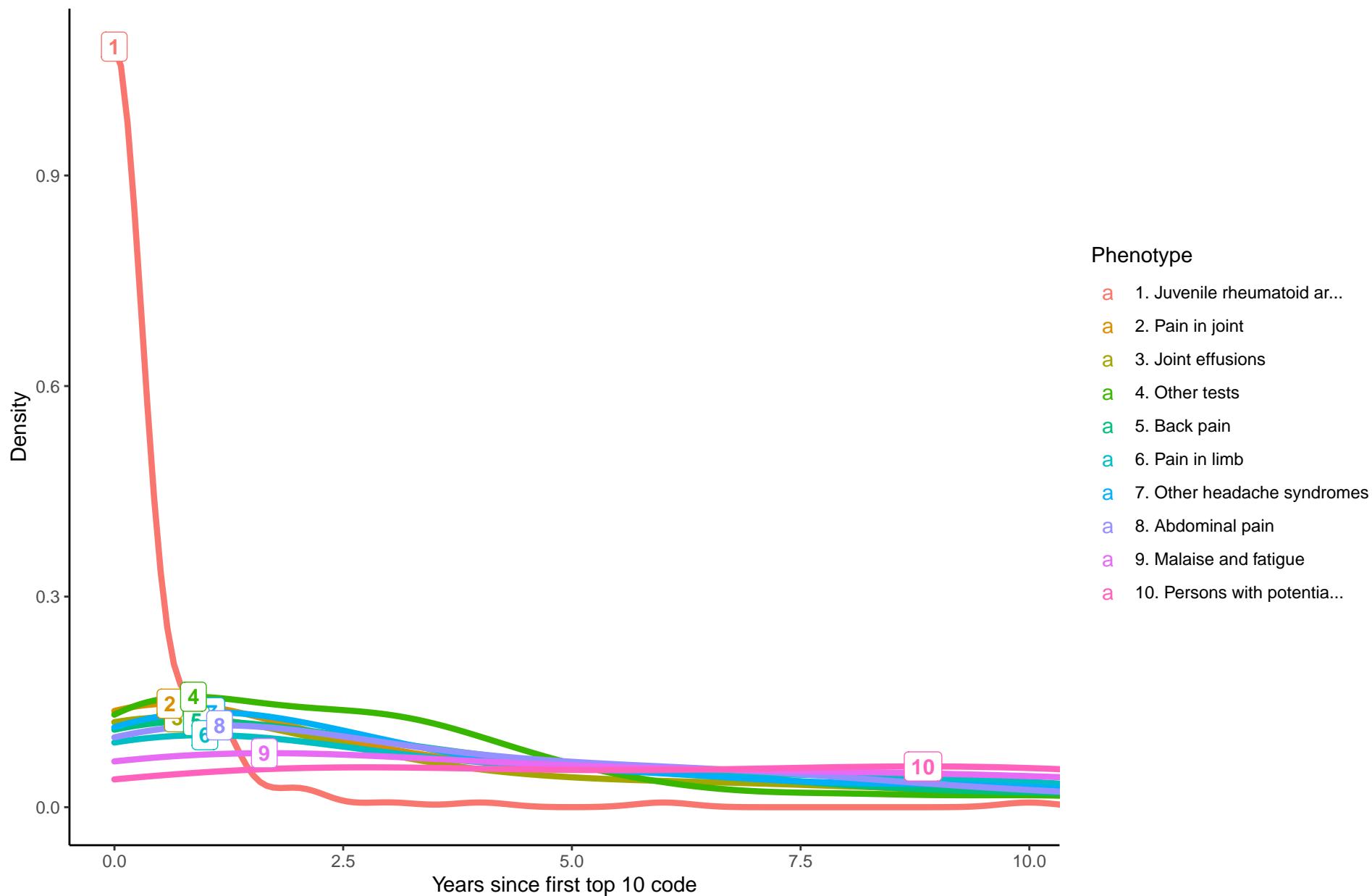


Distribution top 10 PheCodes through time

Cluster 68 Combined N = 479

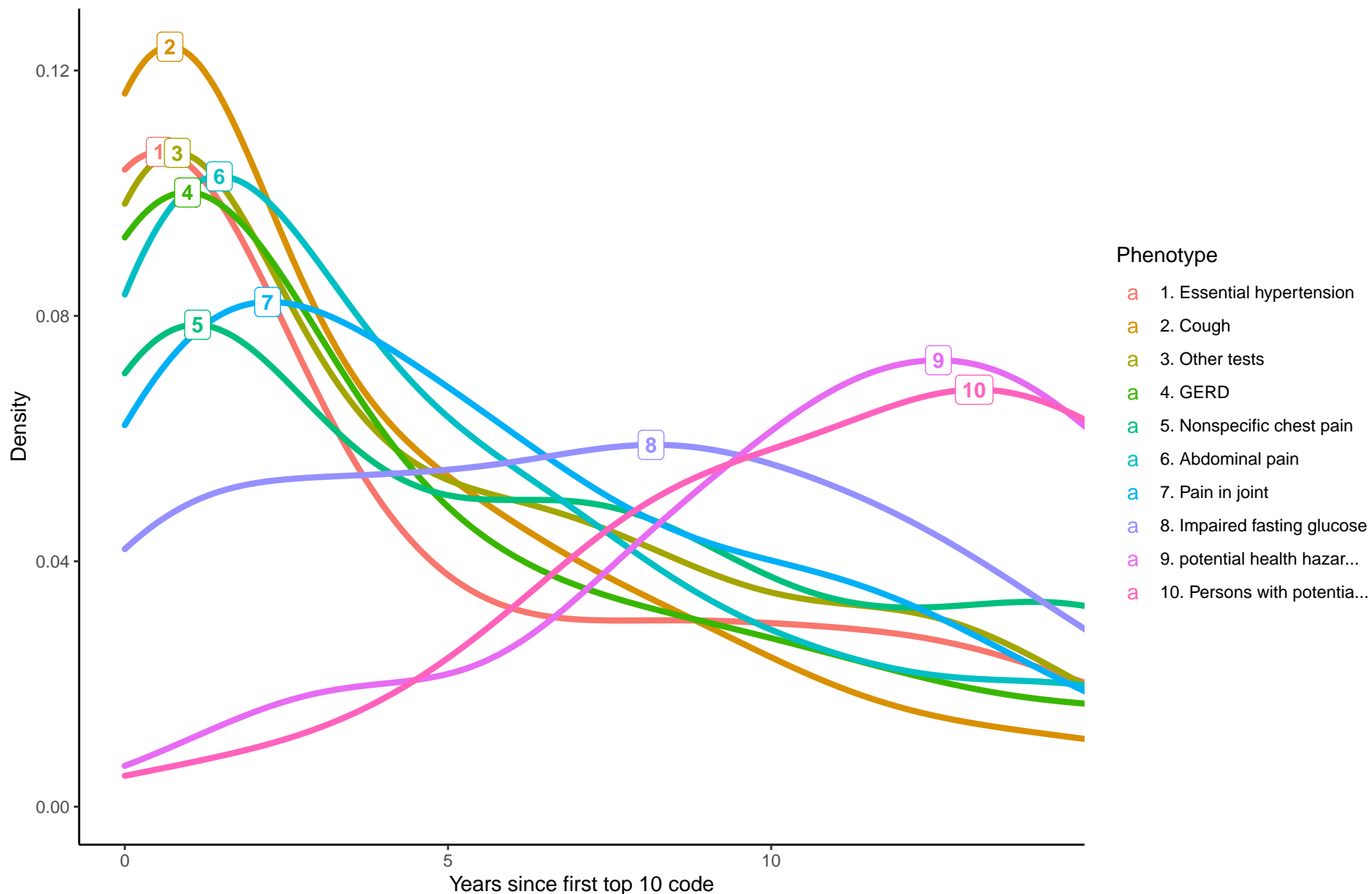


Cluster 69 Combined N = 406



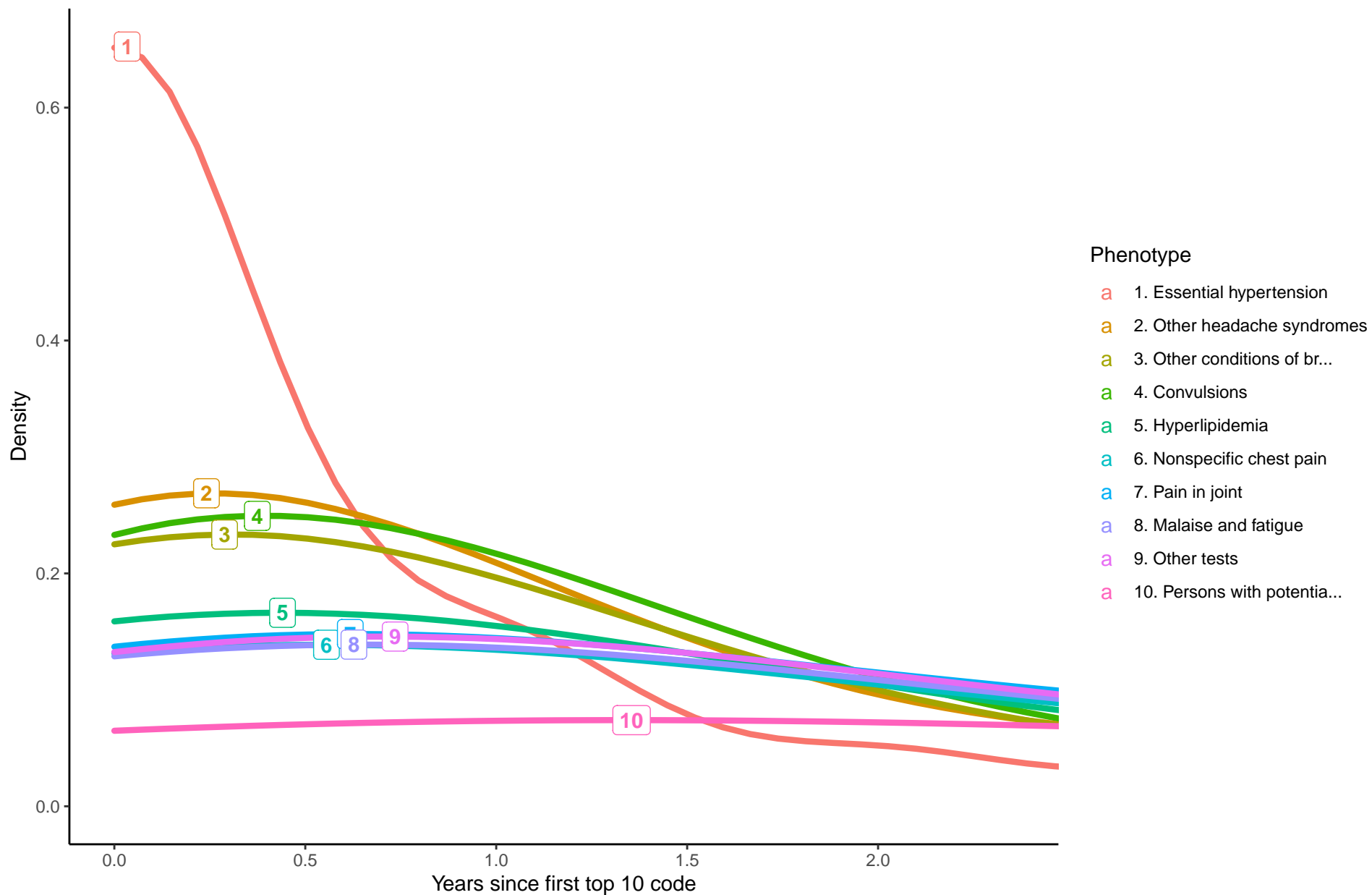
Distribution top 10 PheCodes through time

Cluster 7 Combined N = 310



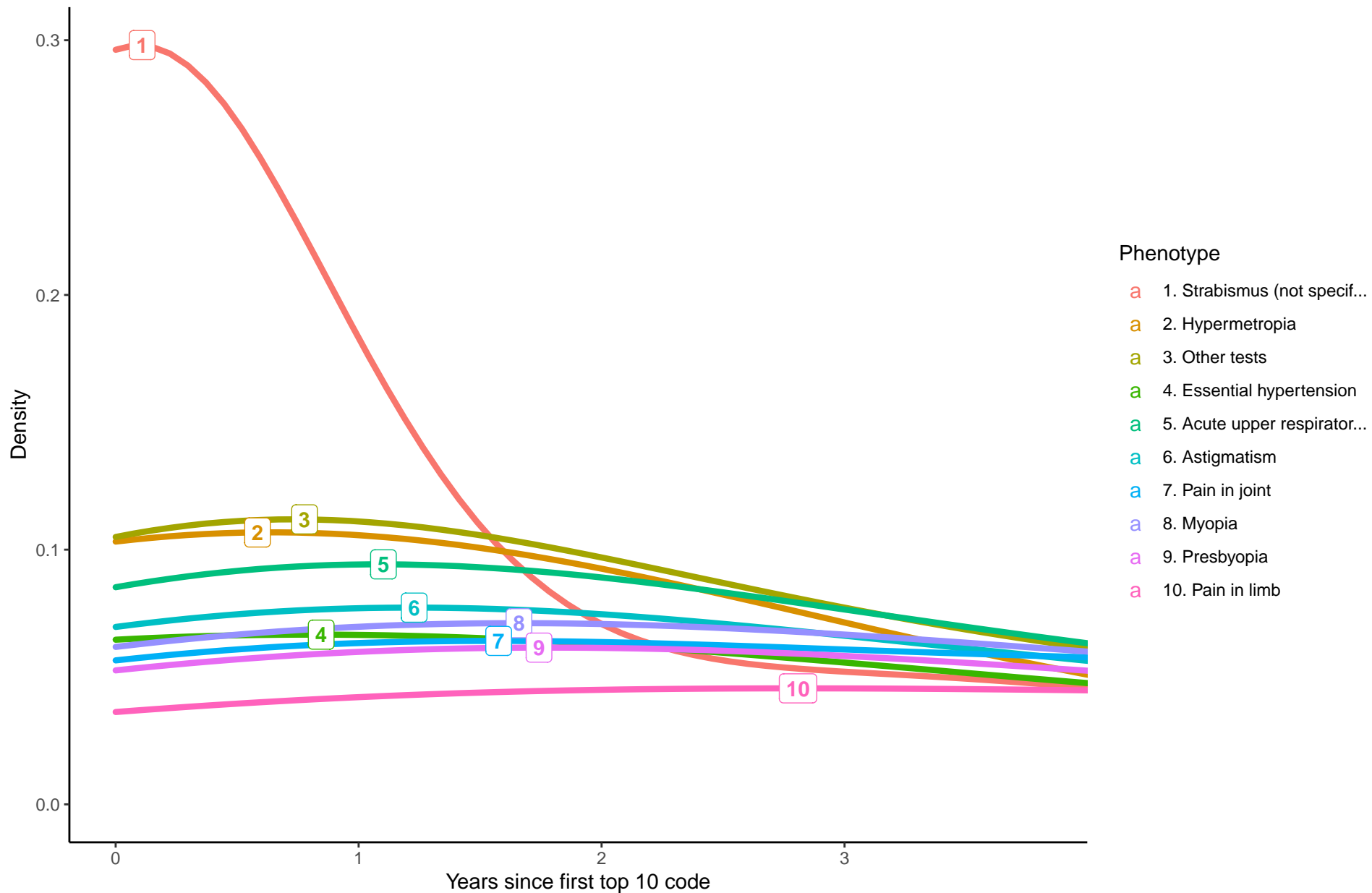
Distribution top 10 PheCodes through time

Cluster 70 Combined N = 1013



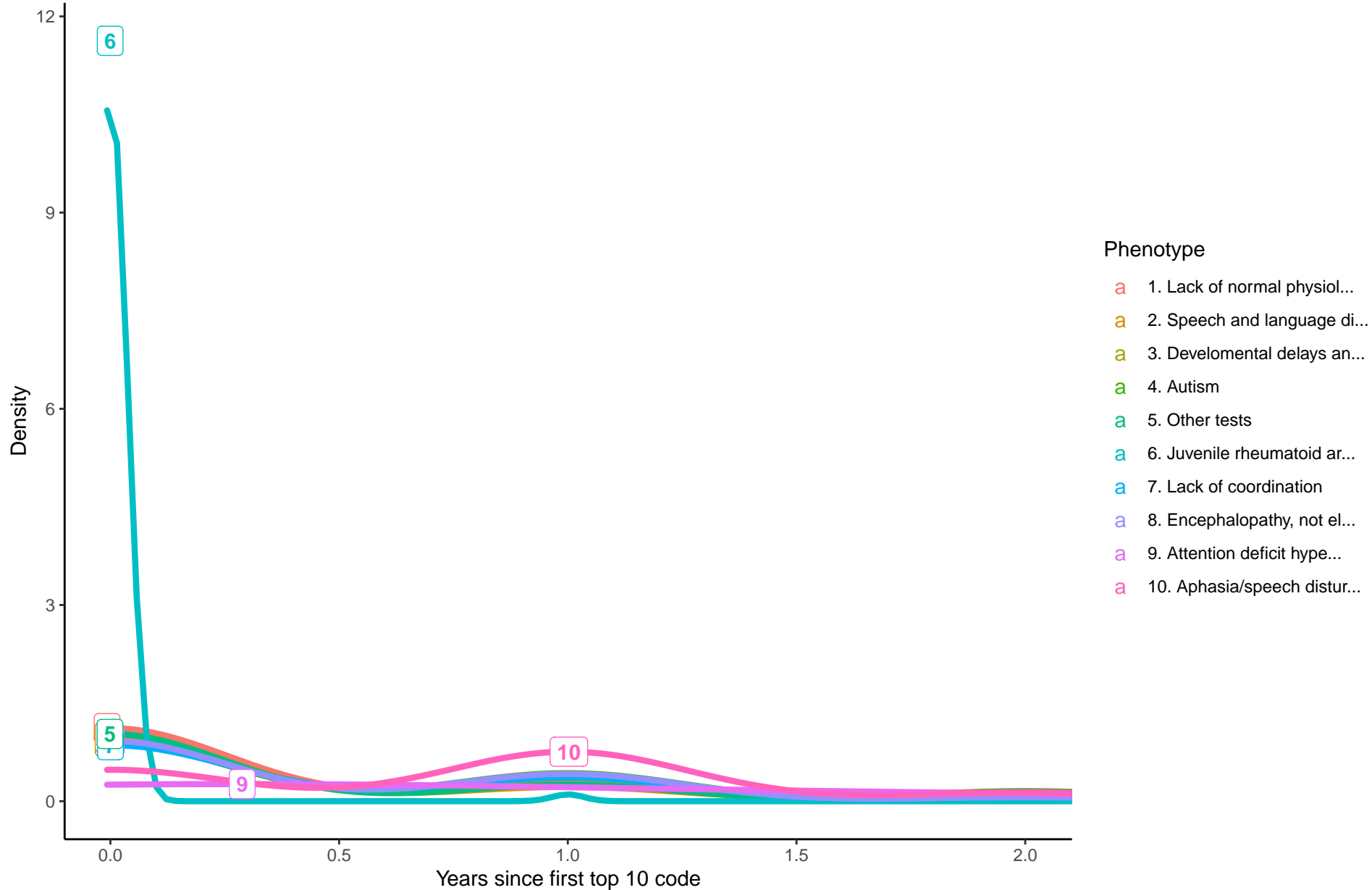
Distribution top 10 PheCodes through time

Cluster 71 Combined N = 886



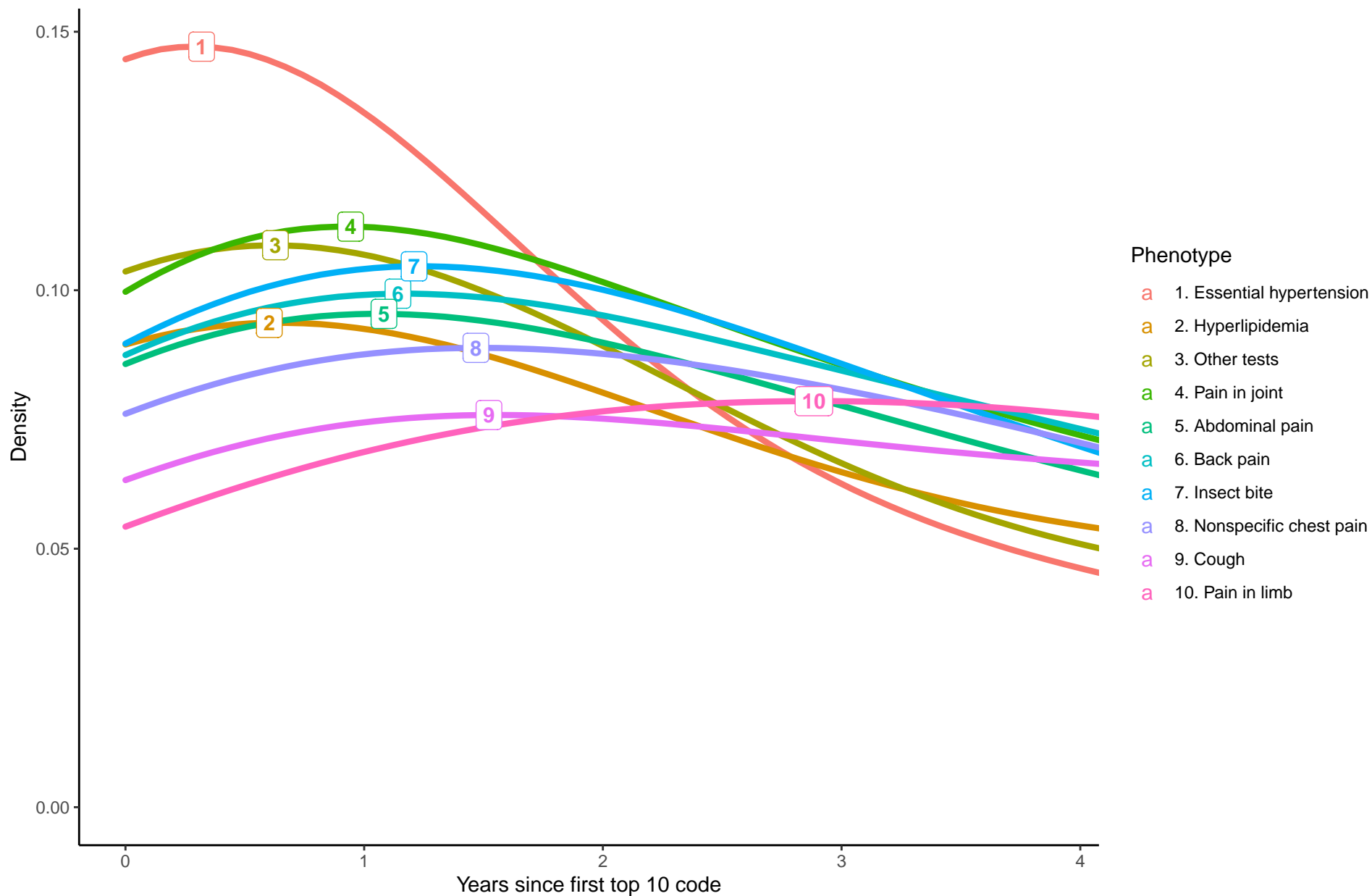
Distribution top 10 PheCodes through time

Cluster 72 Combined N = 533



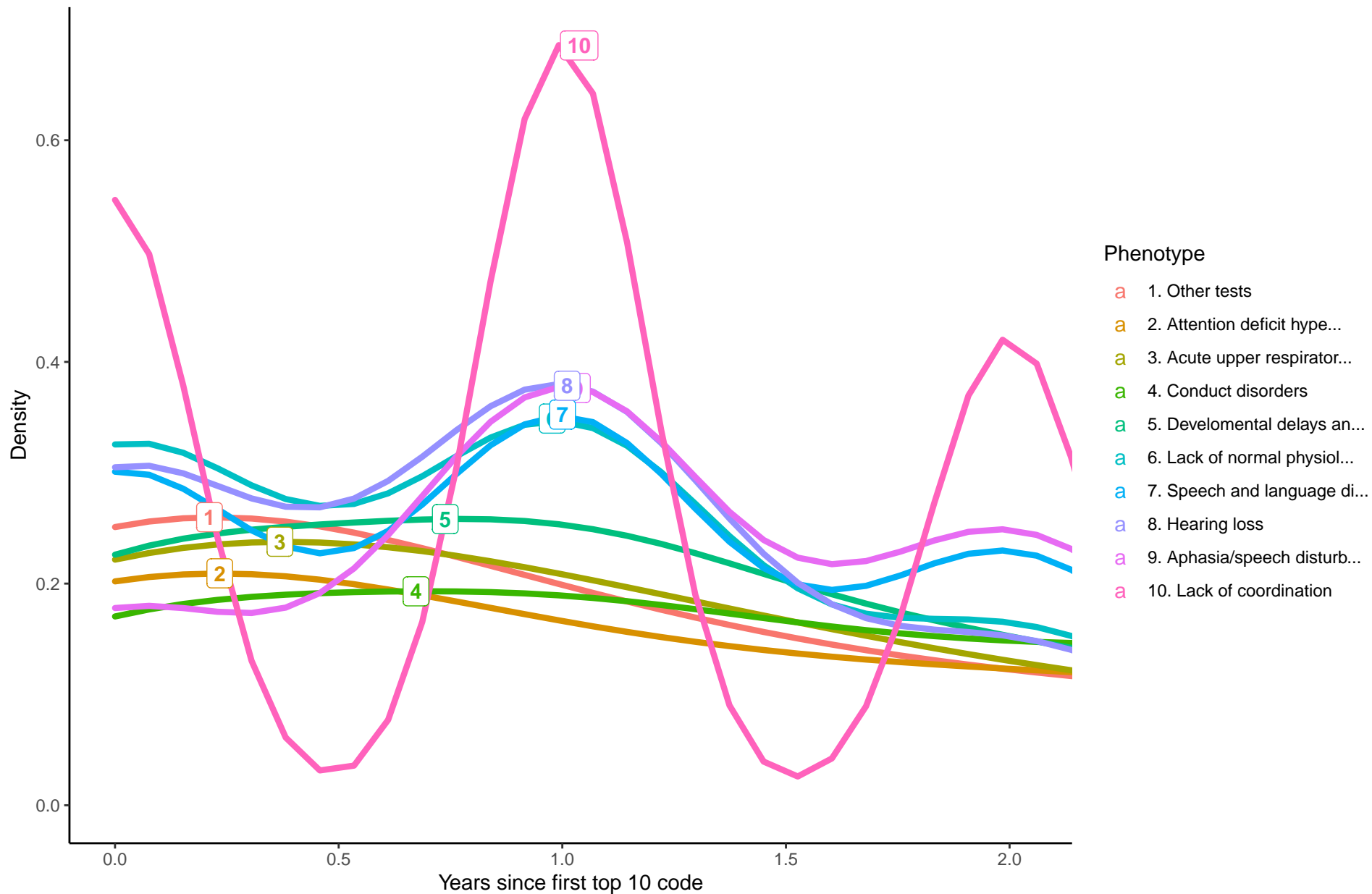
Distribution top 10 PheCodes through time

Cluster 73 Combined N = 748

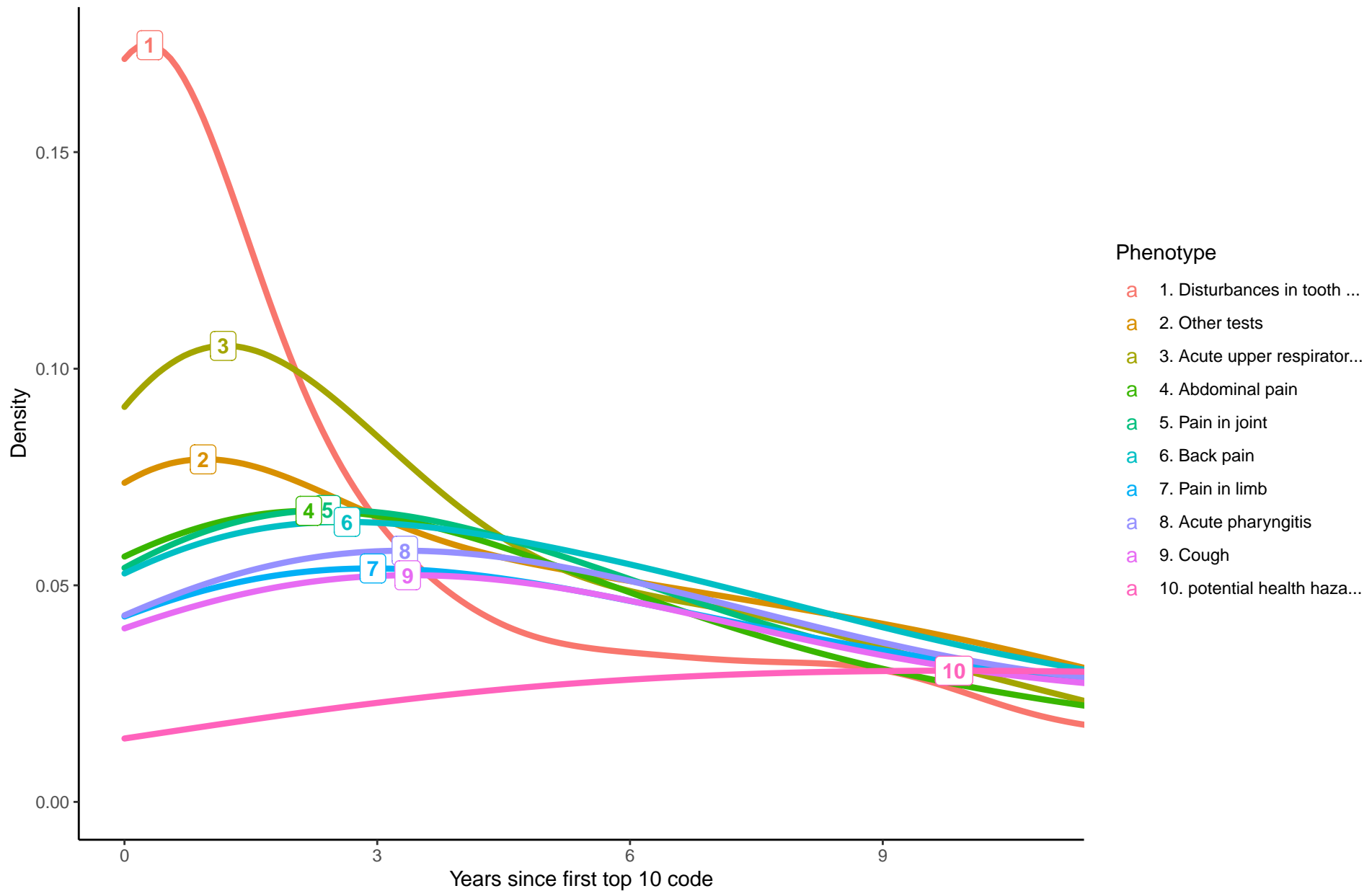


Distribution top 10 PheCodes through time

Cluster 74 Combined N = 1641

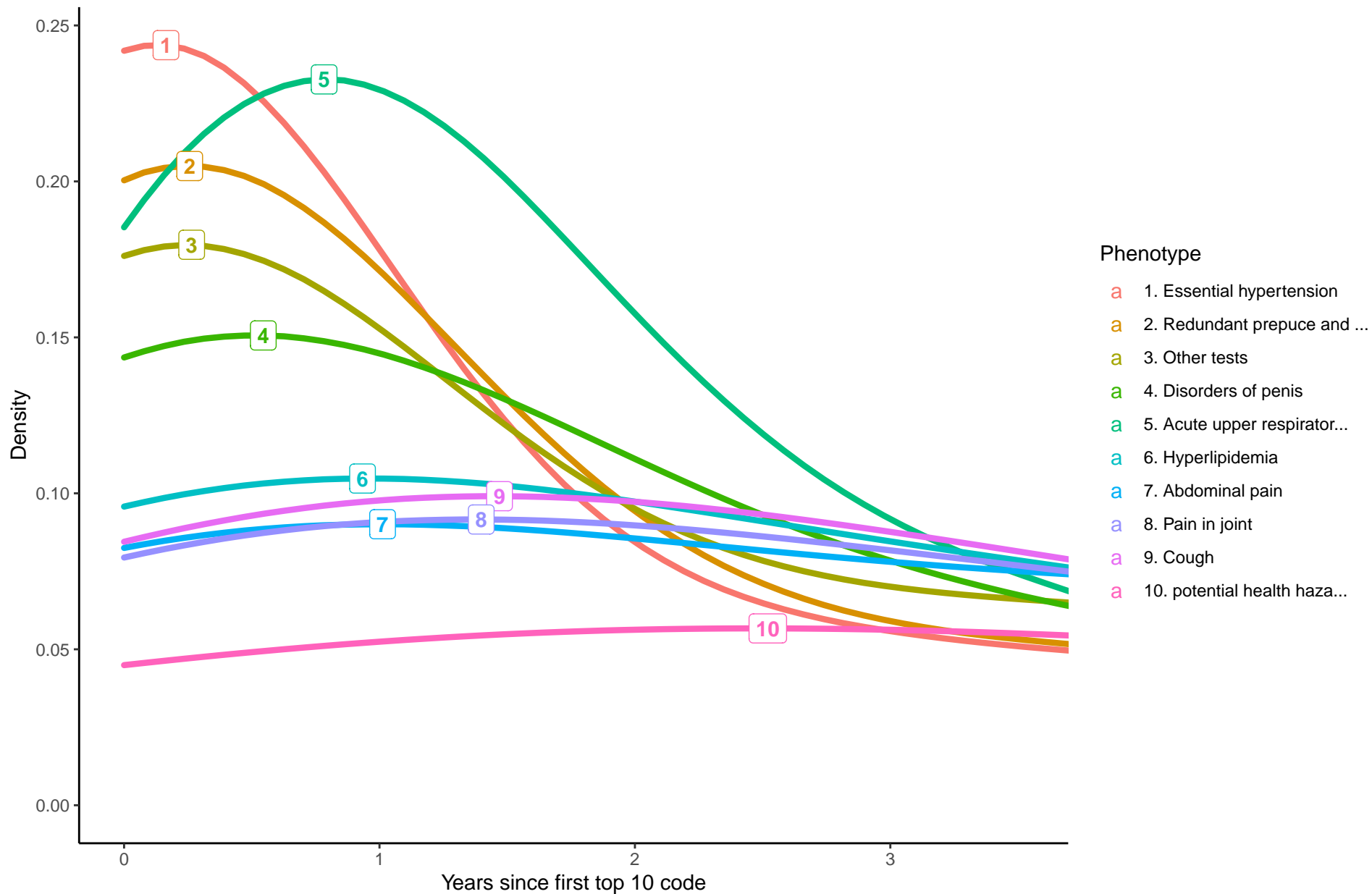


Cluster 75 Combined N = 378



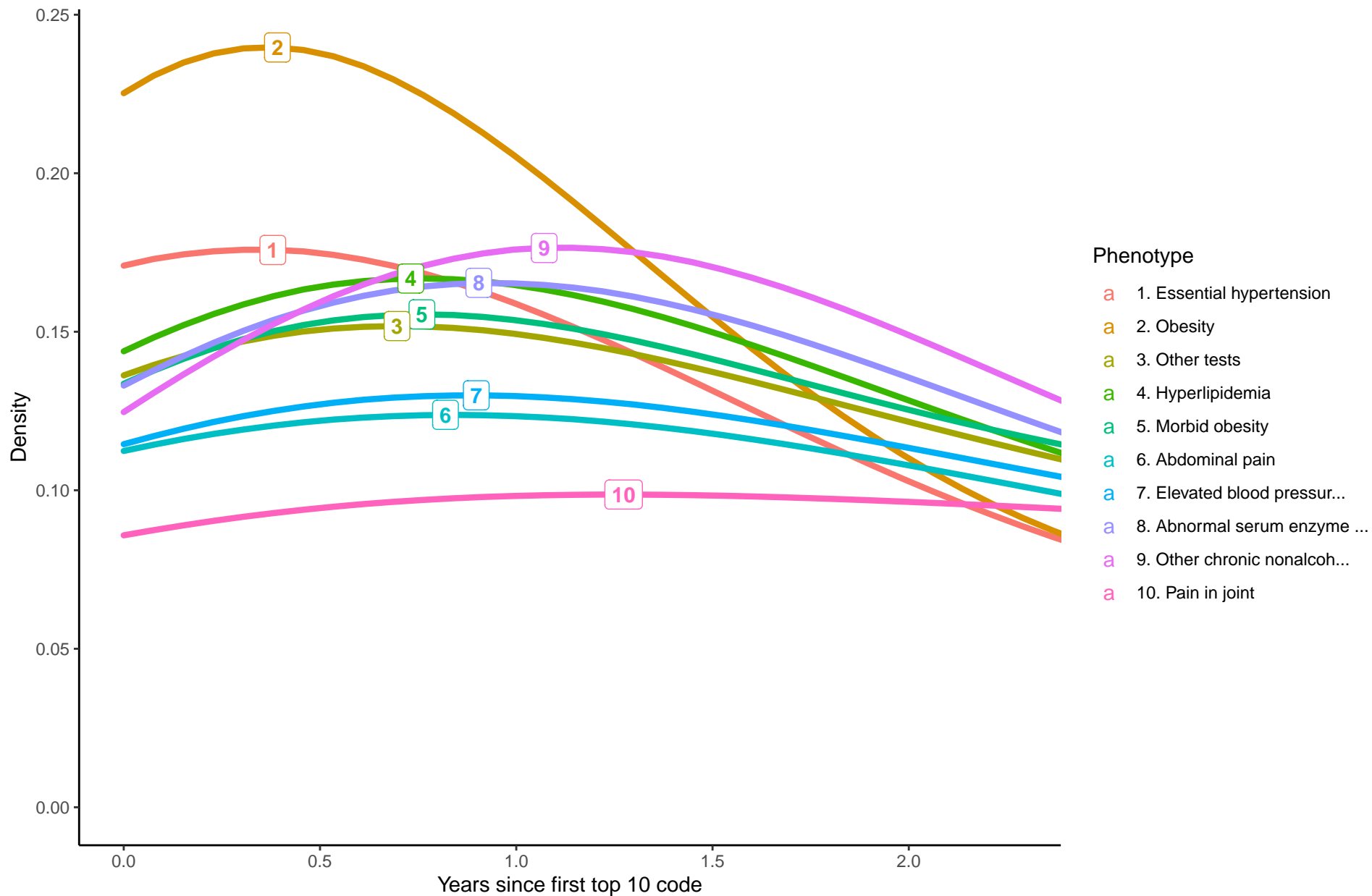
Distribution top 10 PheCodes through time

Cluster 76 Combined N = 498



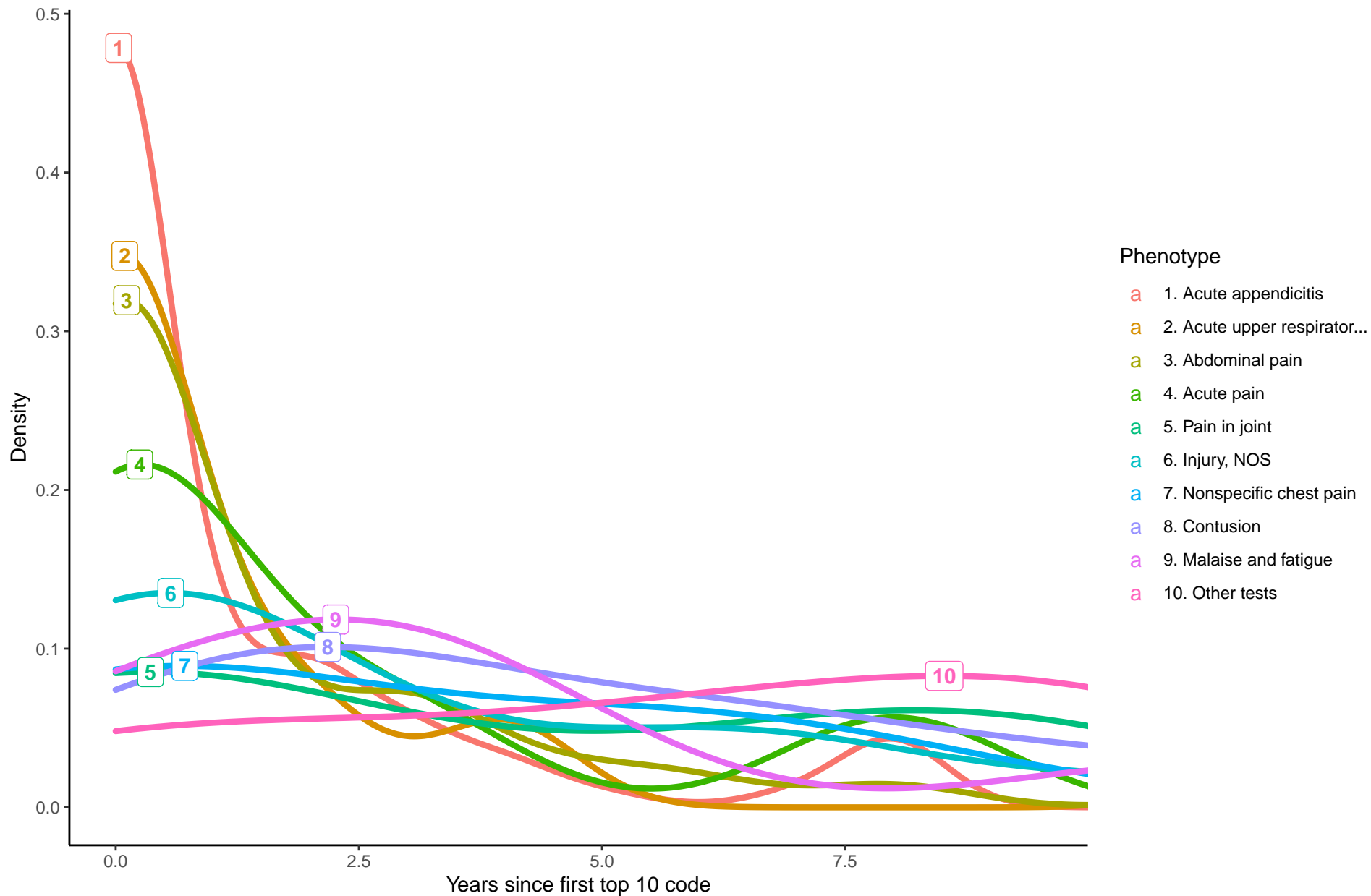
Distribution top 10 PheCodes through time

Cluster 77 Combined N = 692



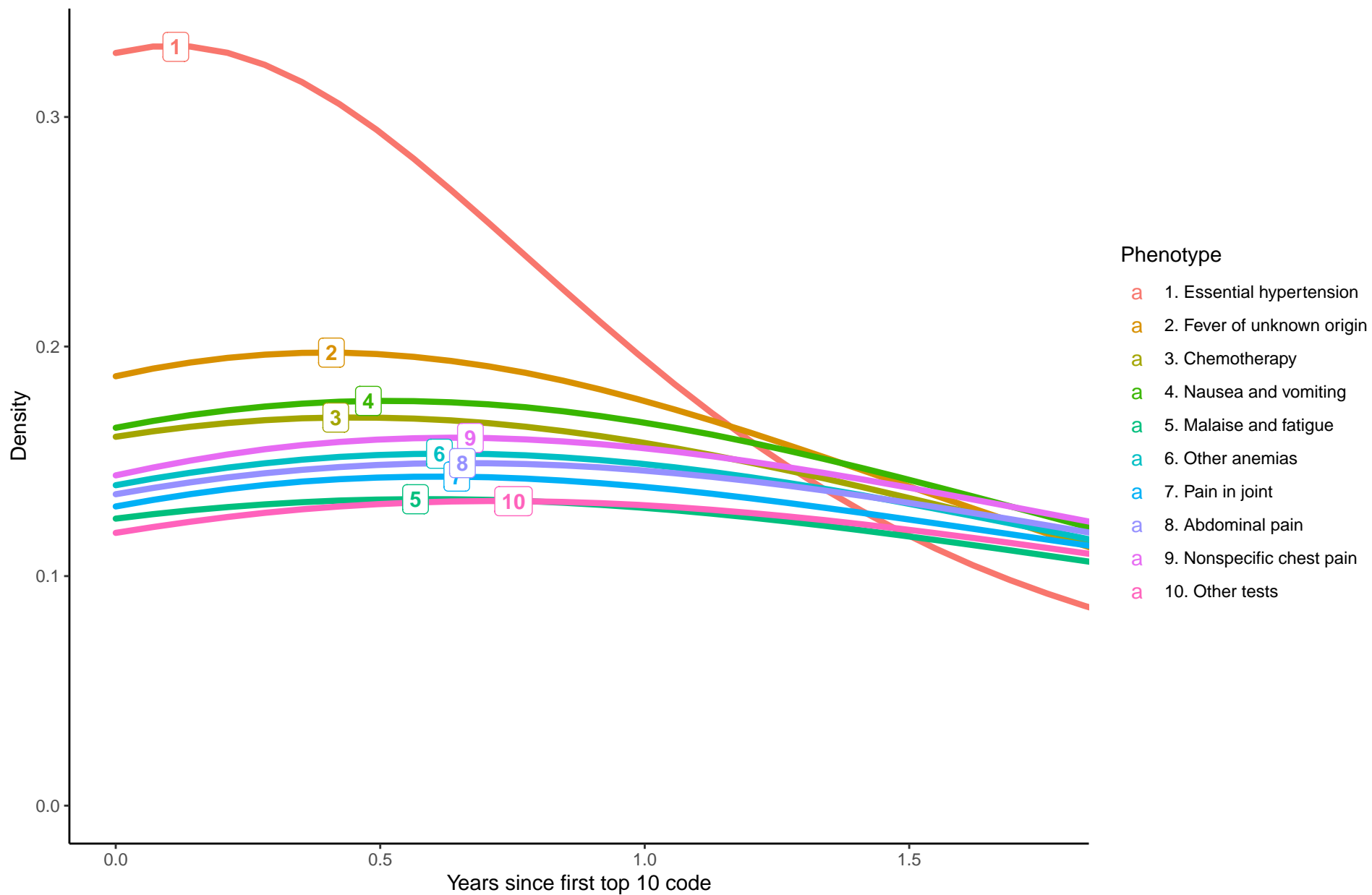
Distribution top 10 PheCodes through time

Cluster 78 Combined N = 88



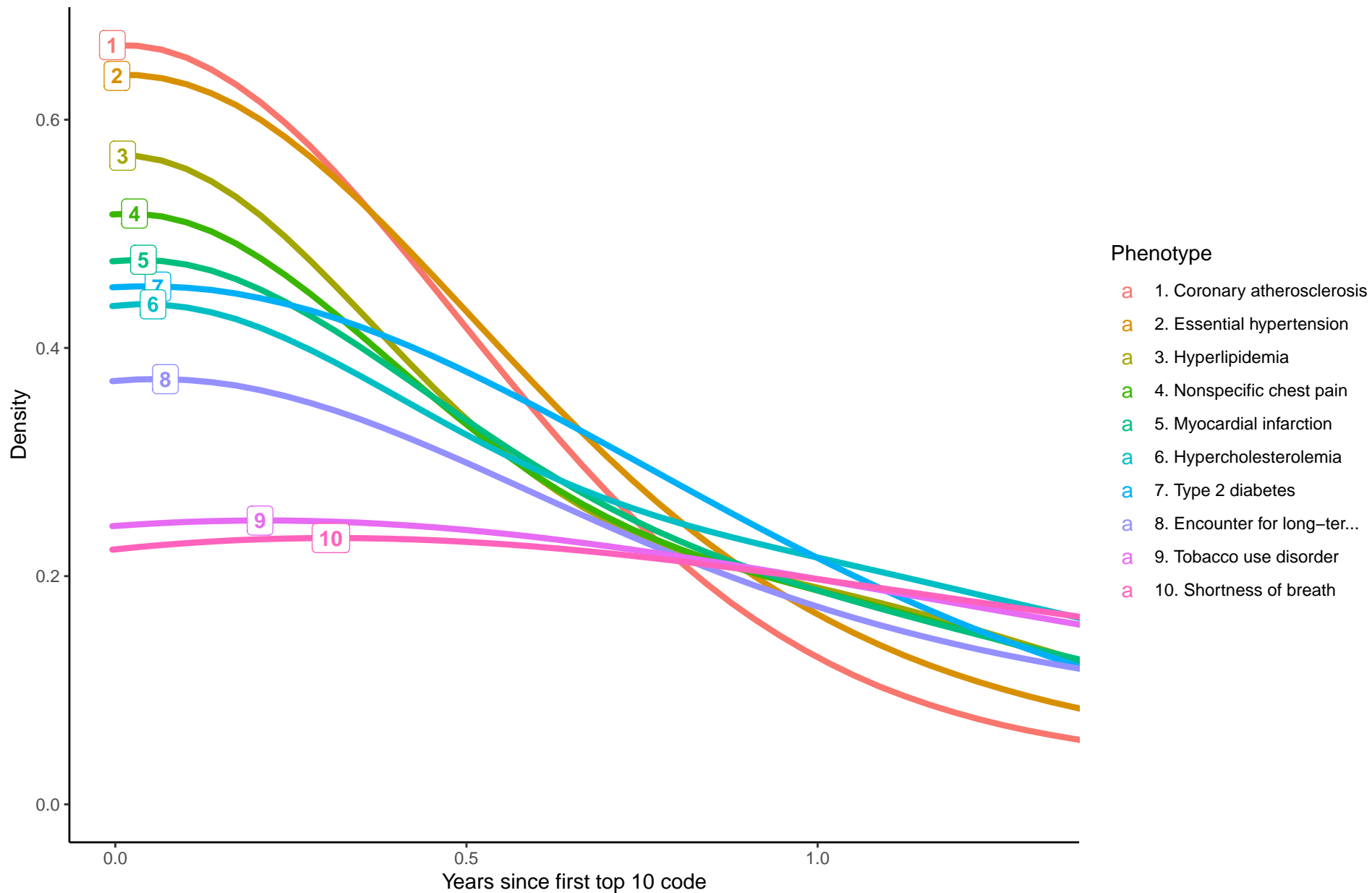
Distribution top 10 PheCodes through time

Cluster 79 Combined N = 1609



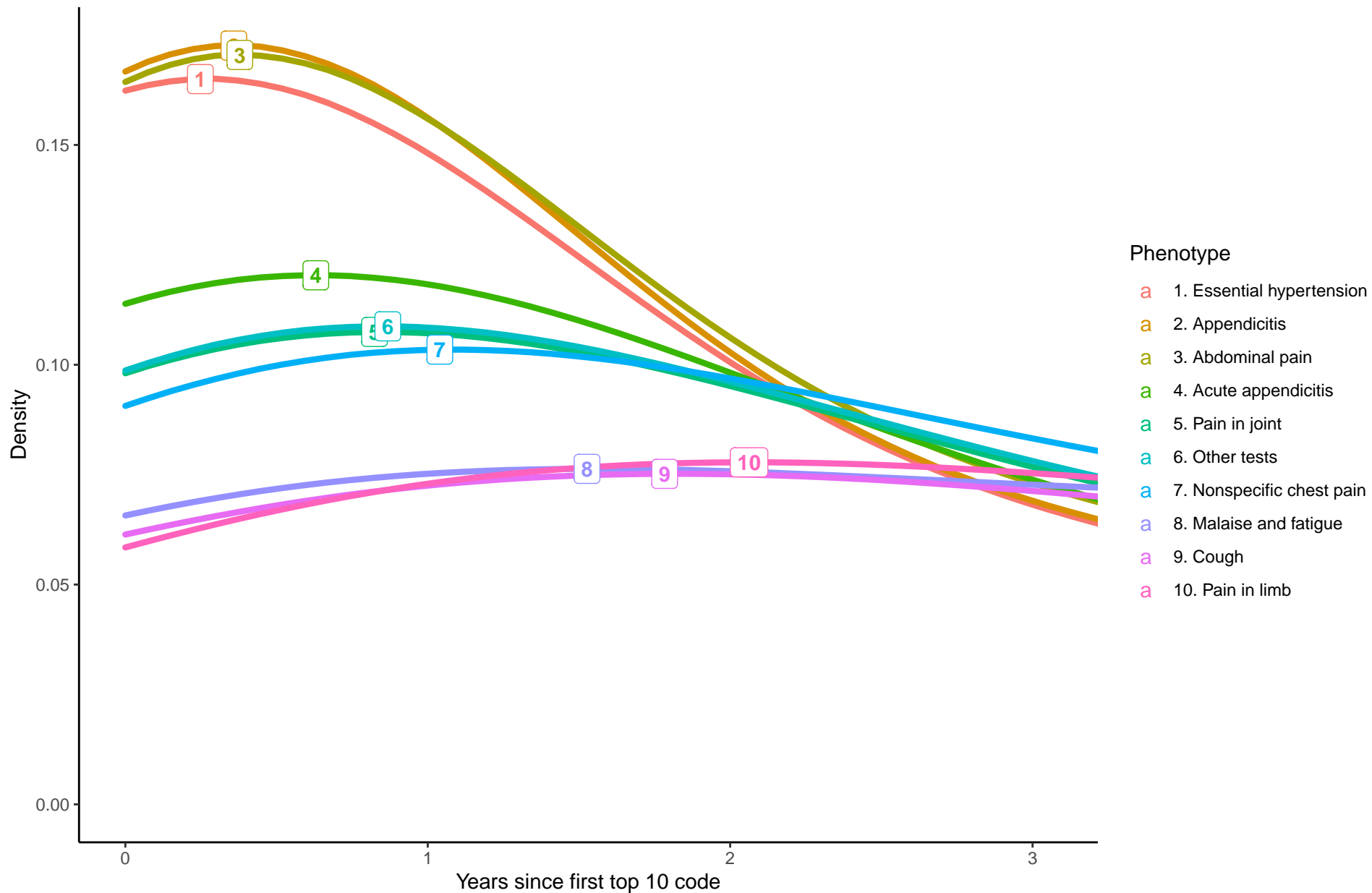
Distribution top 10 PheCodes through time

Cluster 8 Combined N = 597



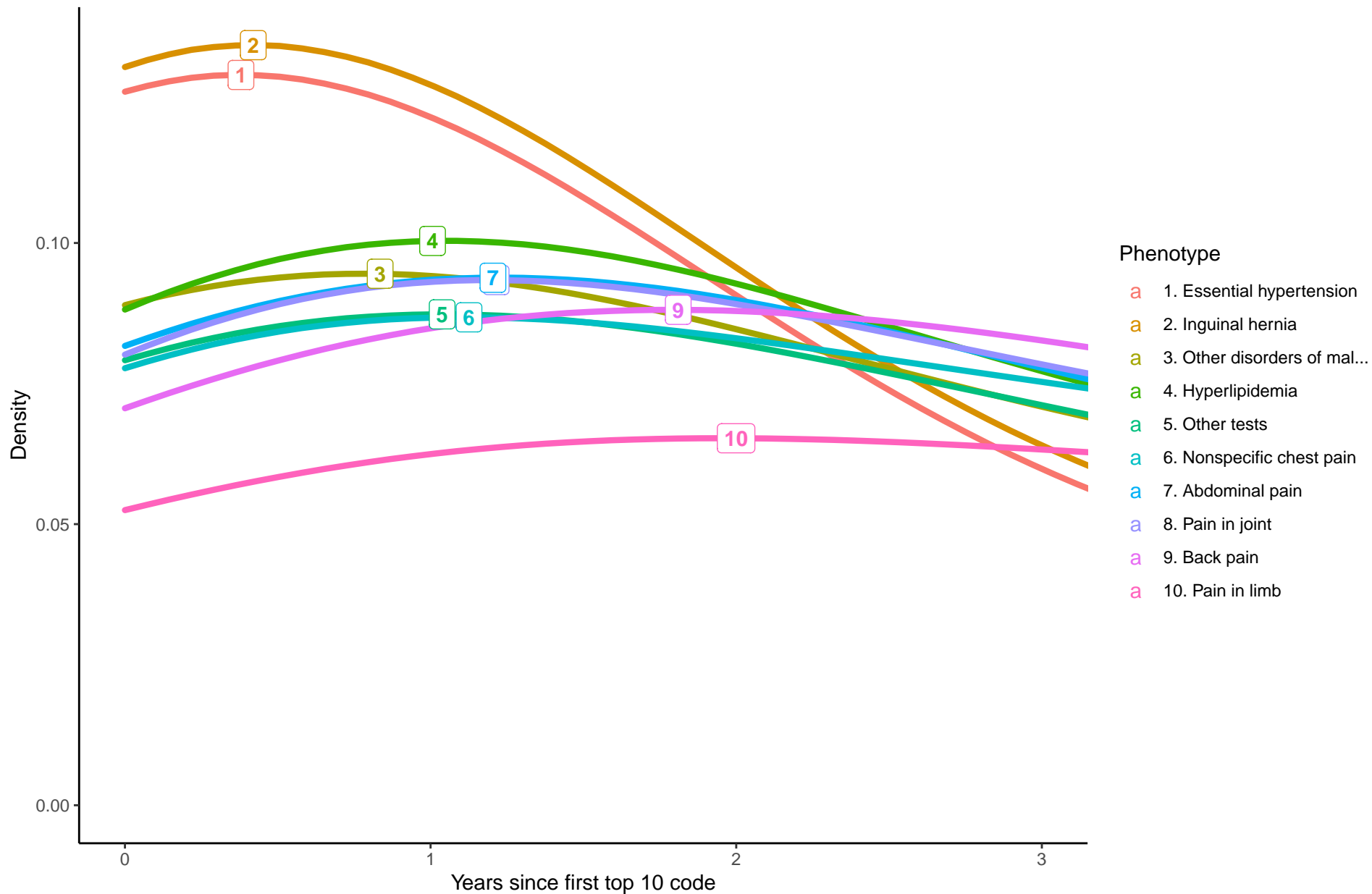
Distribution top 10 PheCodes through time

Cluster 80 Combined N = 658



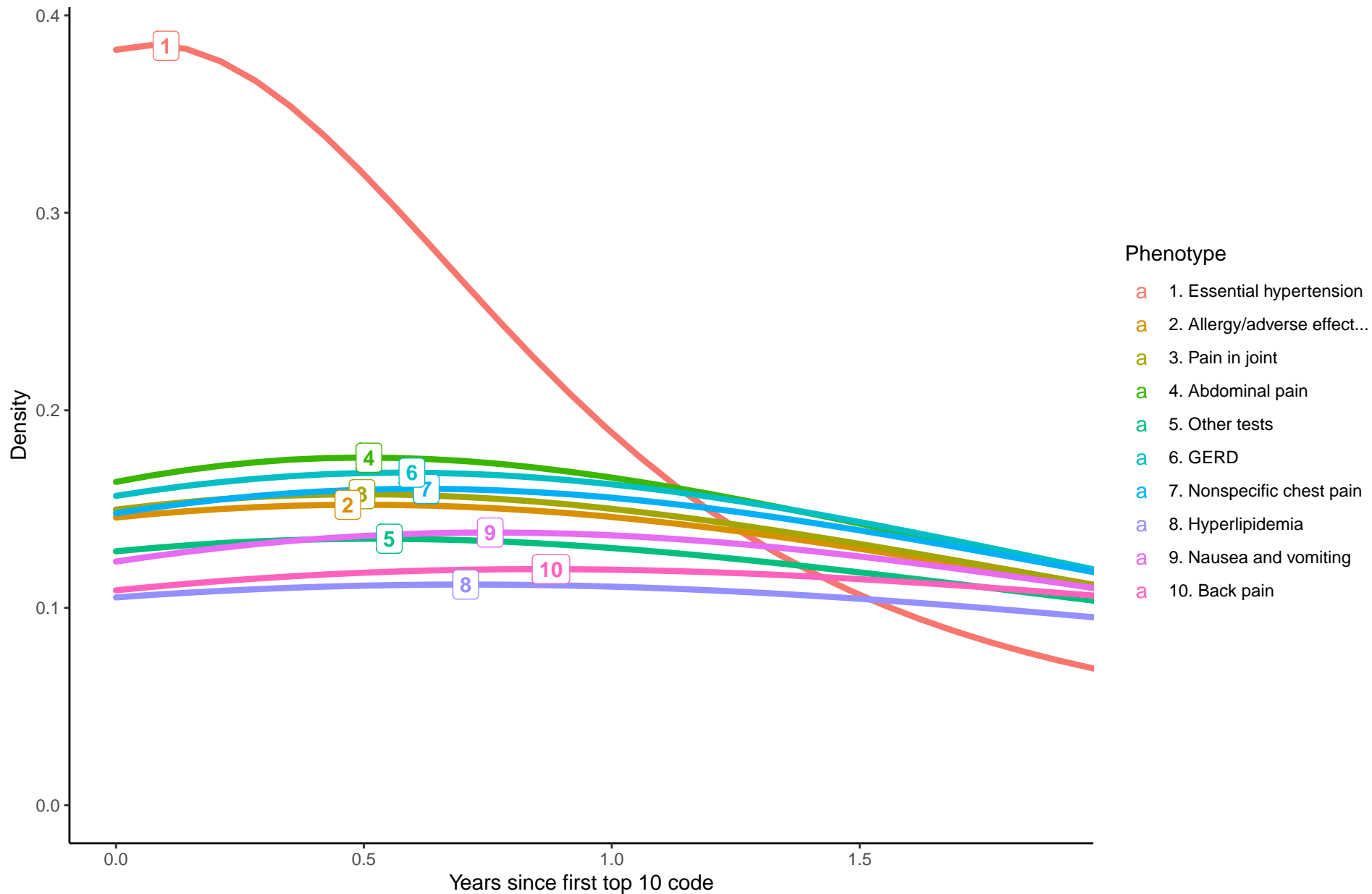
Distribution top 10 PheCodes through time

Cluster 81 Combined N = 921



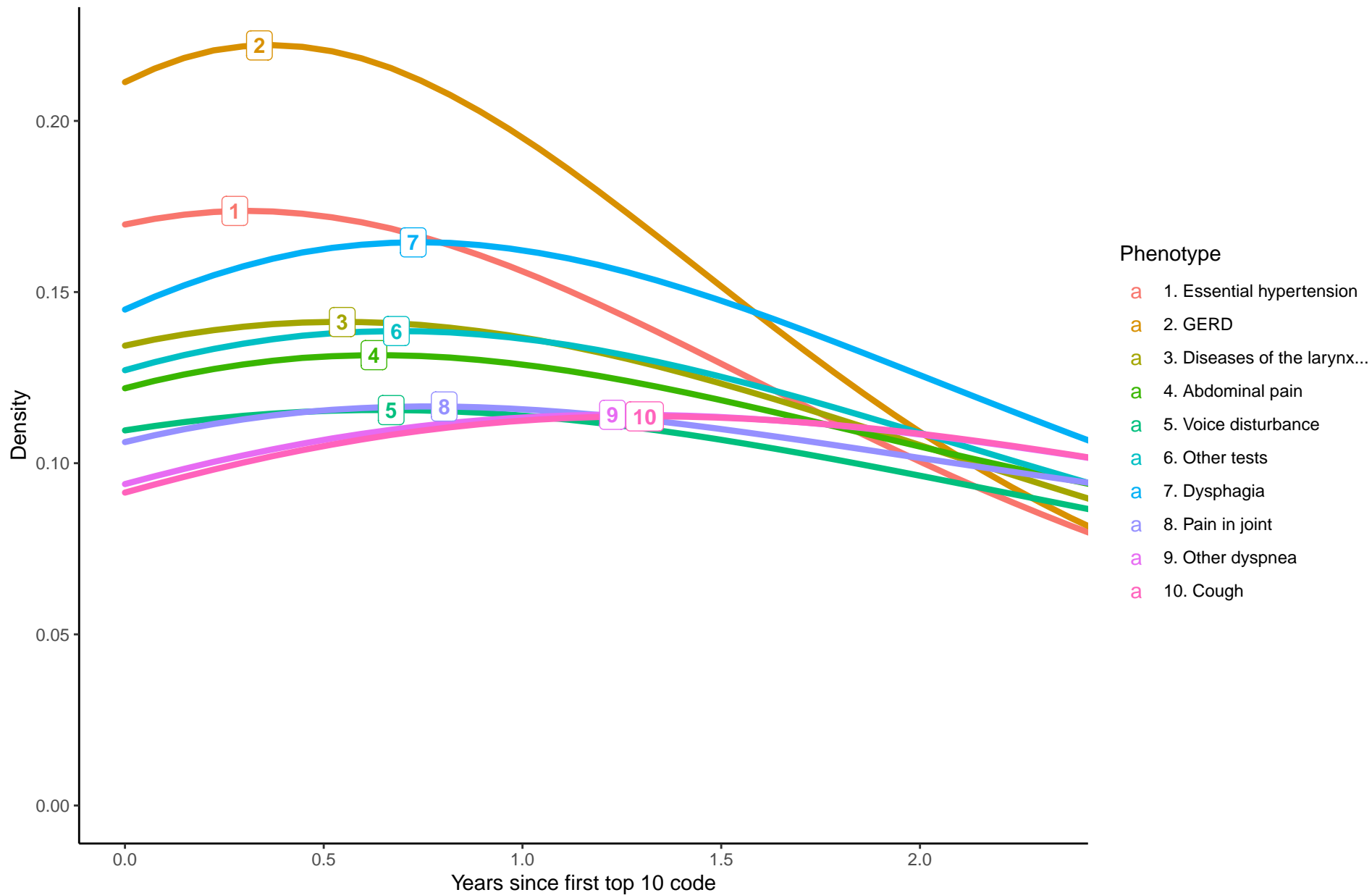
Distribution top 10 PheCodes through time

Cluster 82 Combined N = 773



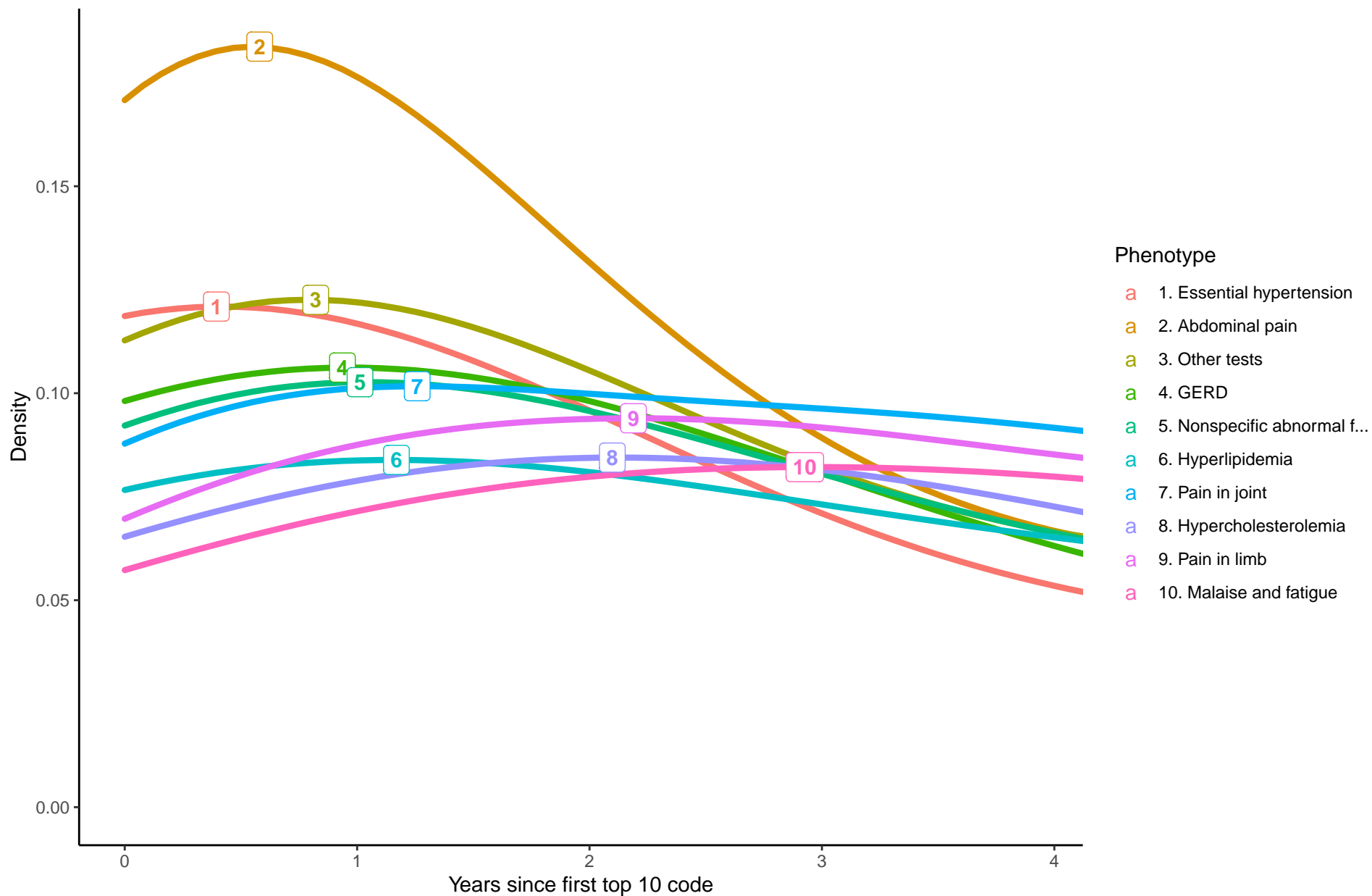
Distribution top 10 PheCodes through time

Cluster 83 Combined N = 794



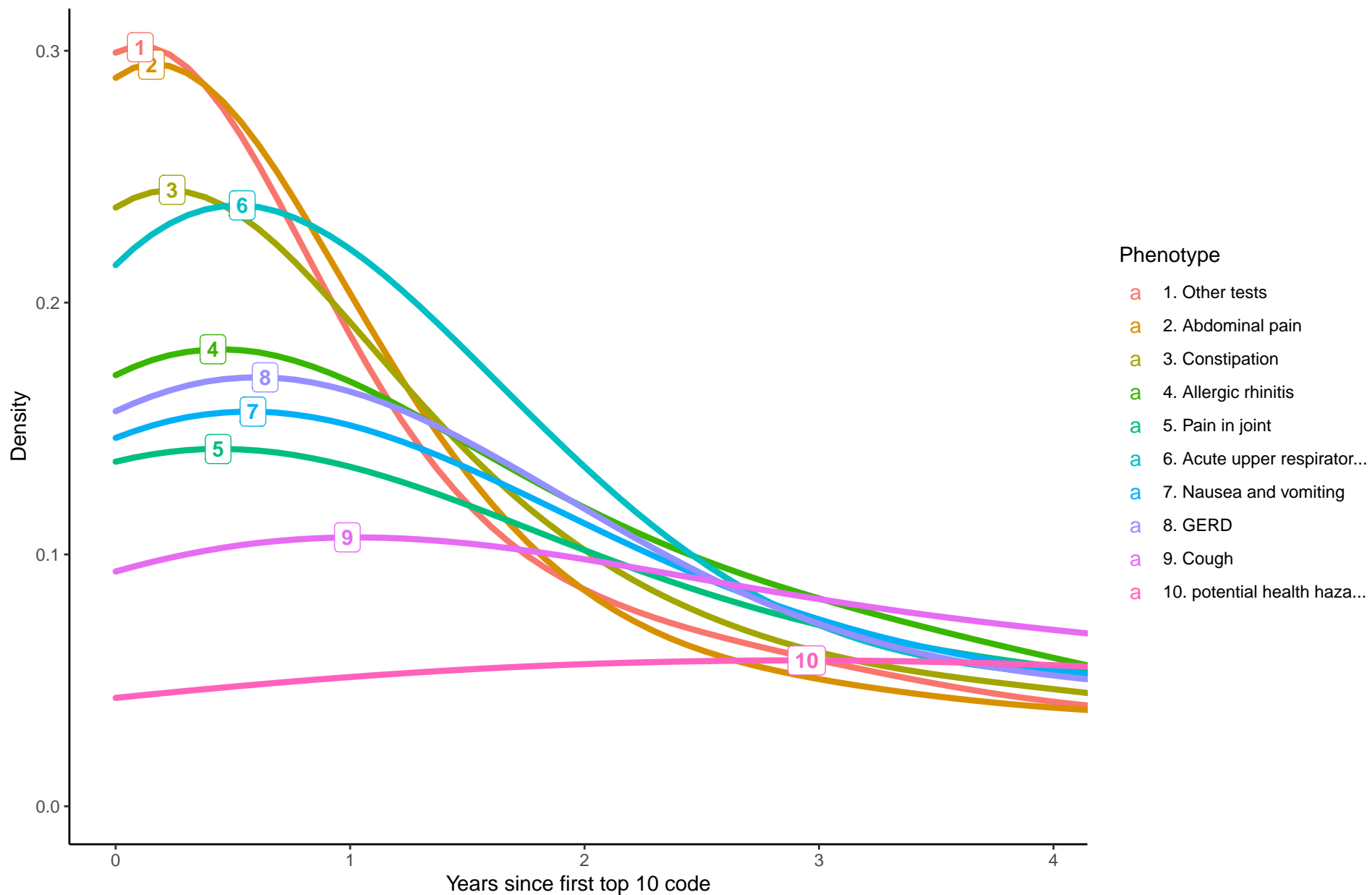
Distribution top 10 PheCodes through time

Cluster 84 Combined N = 142



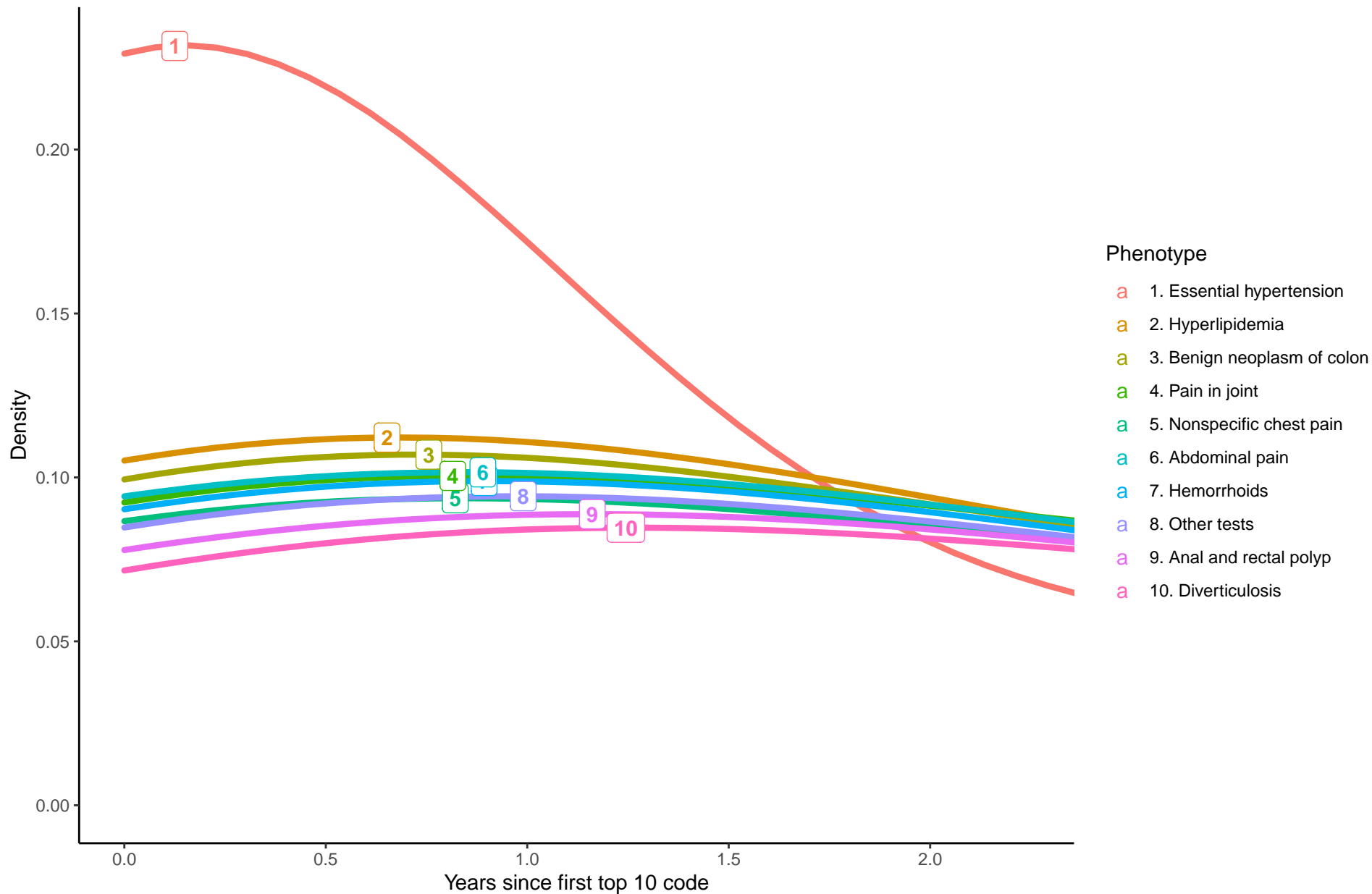
Distribution top 10 PheCodes through time

Cluster 85 Combined N = 1231



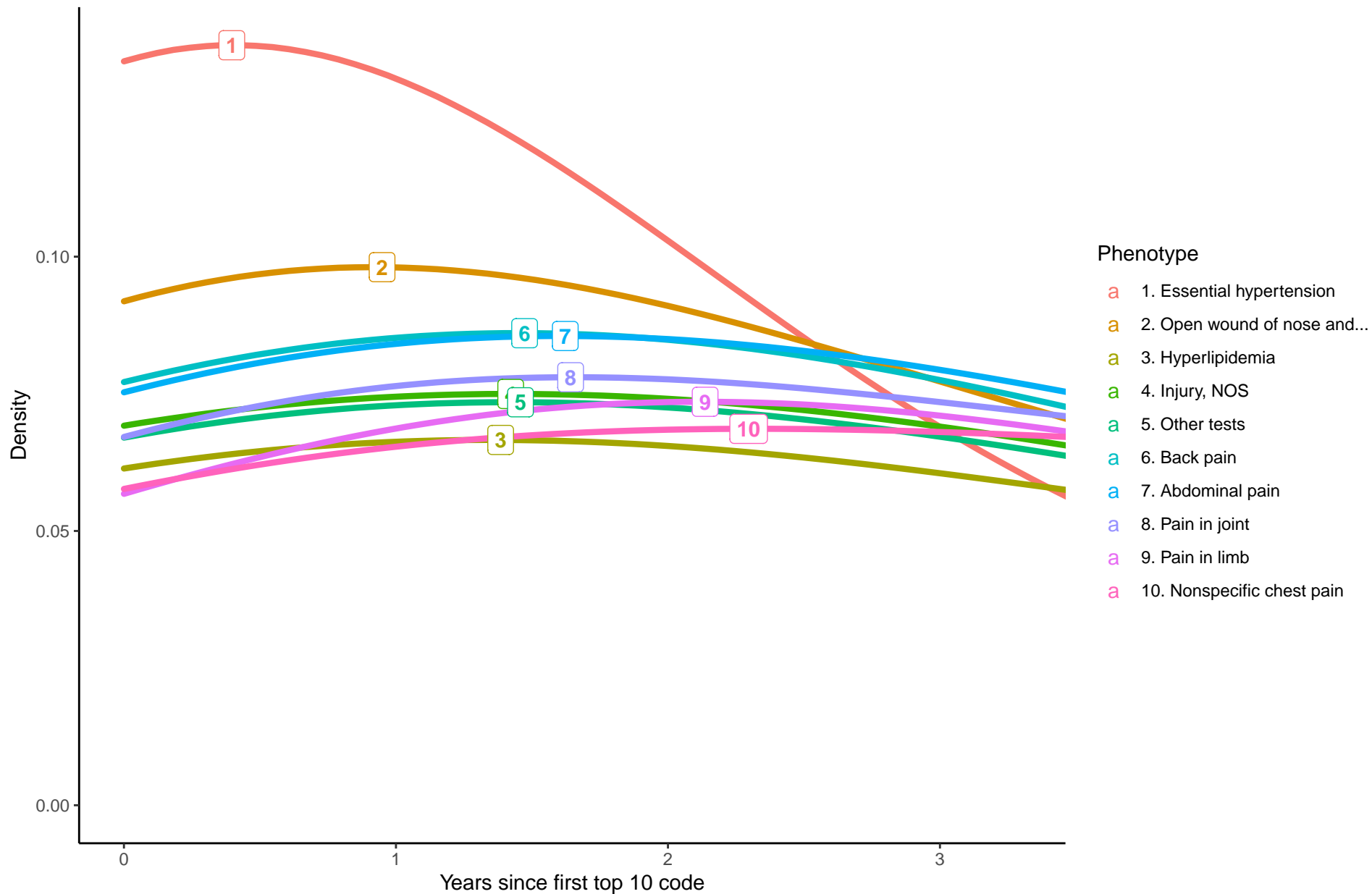
Distribution top 10 PheCodes through time

Cluster 86 Combined N = 876



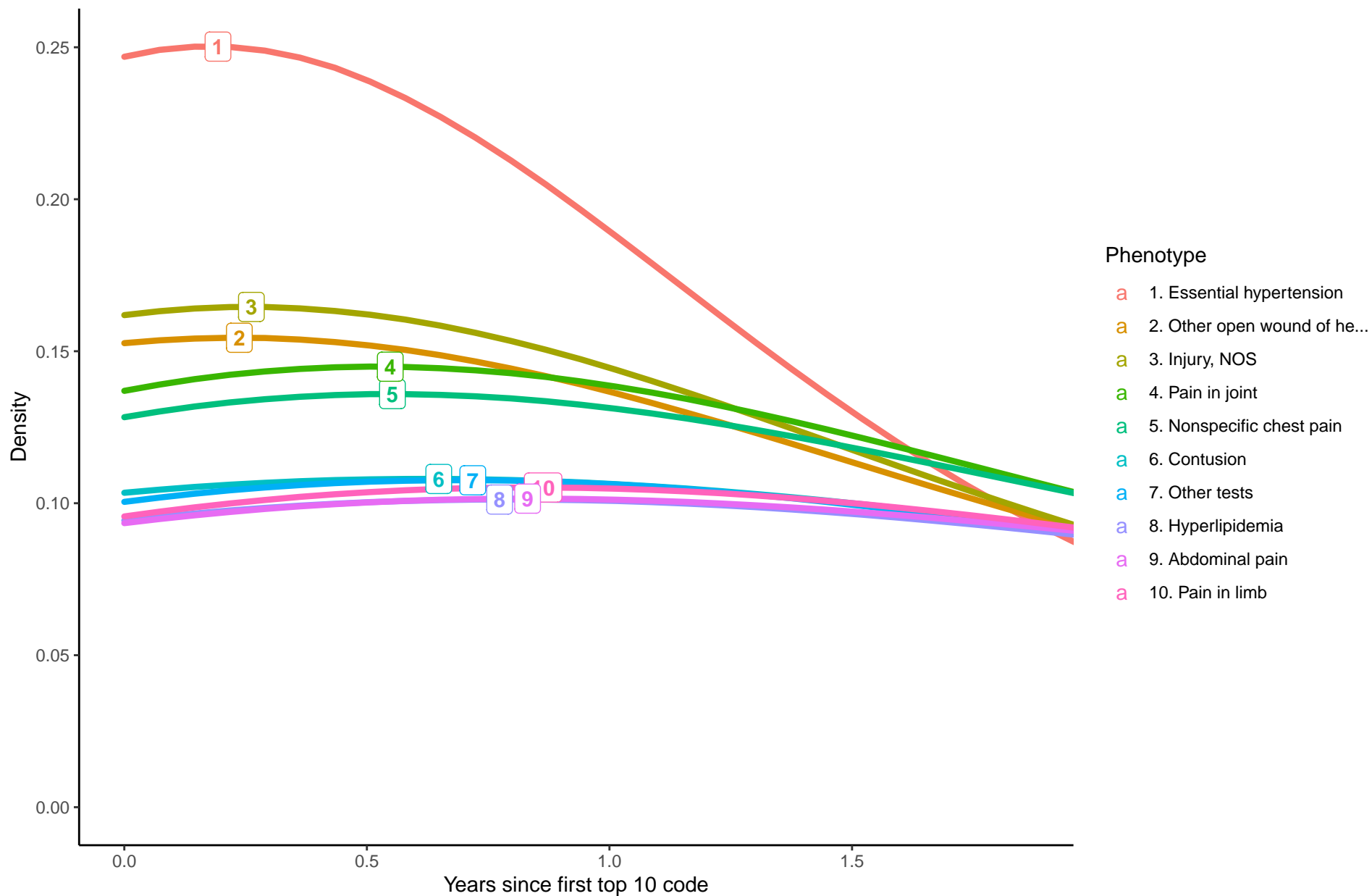
Distribution top 10 PheCodes through time

Cluster 87 Combined N = 135



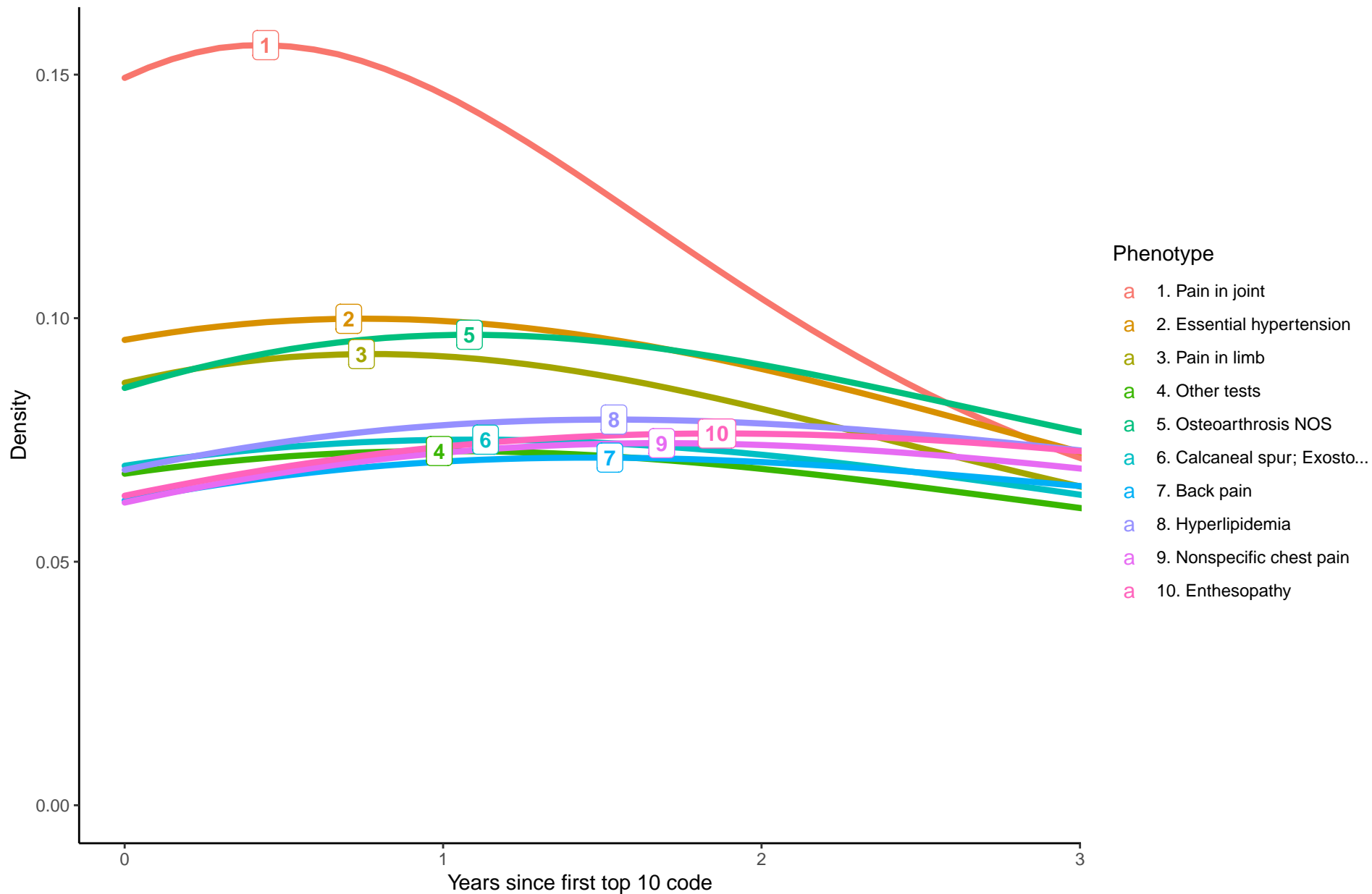
Distribution top 10 PheCodes through time

Cluster 88 Combined N = 1051



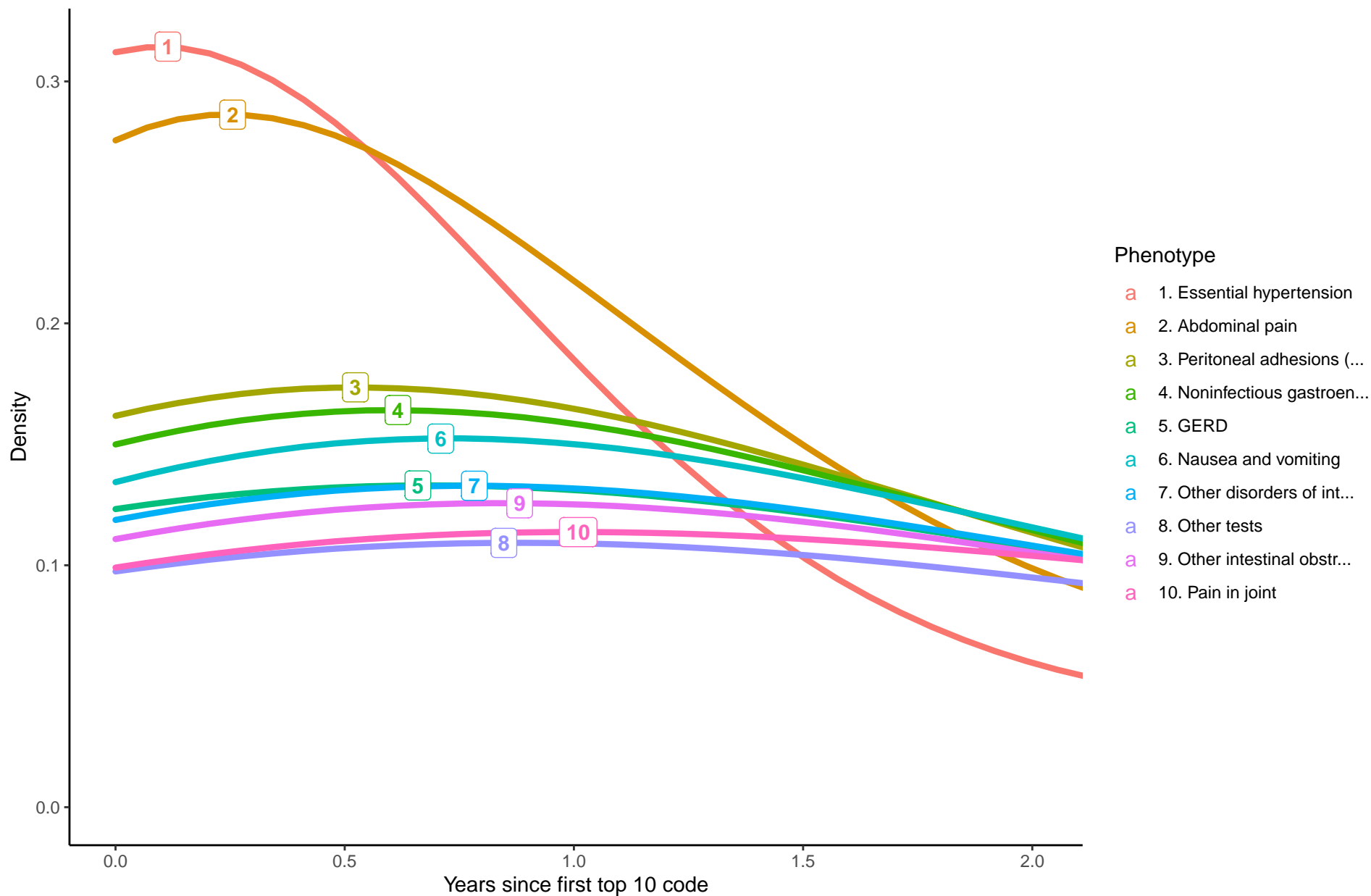
Distribution top 10 PheCodes through time

Cluster 89 Combined N = 513

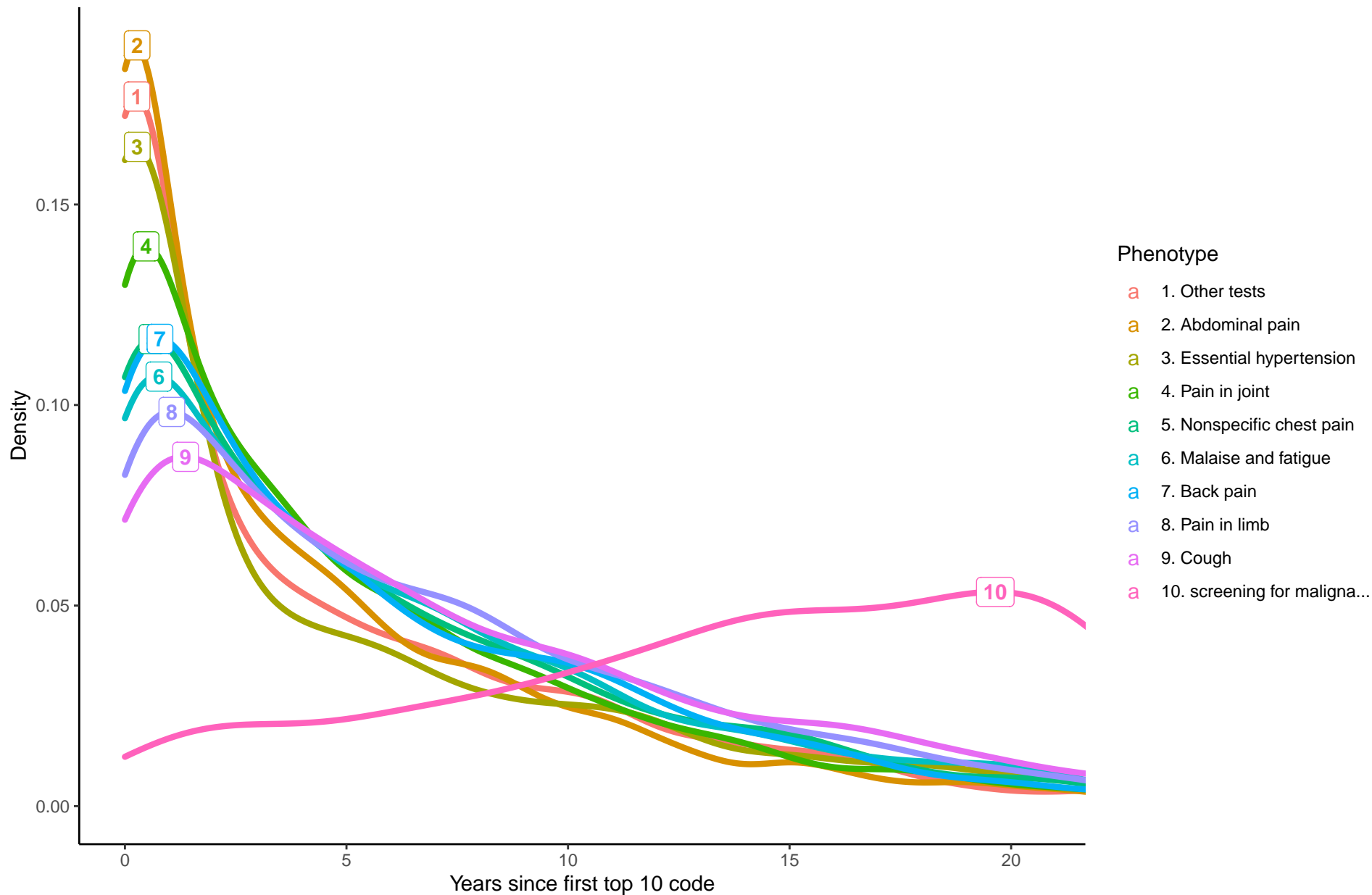


Distribution top 10 PheCodes through time

Cluster 9 Combined N = 1146

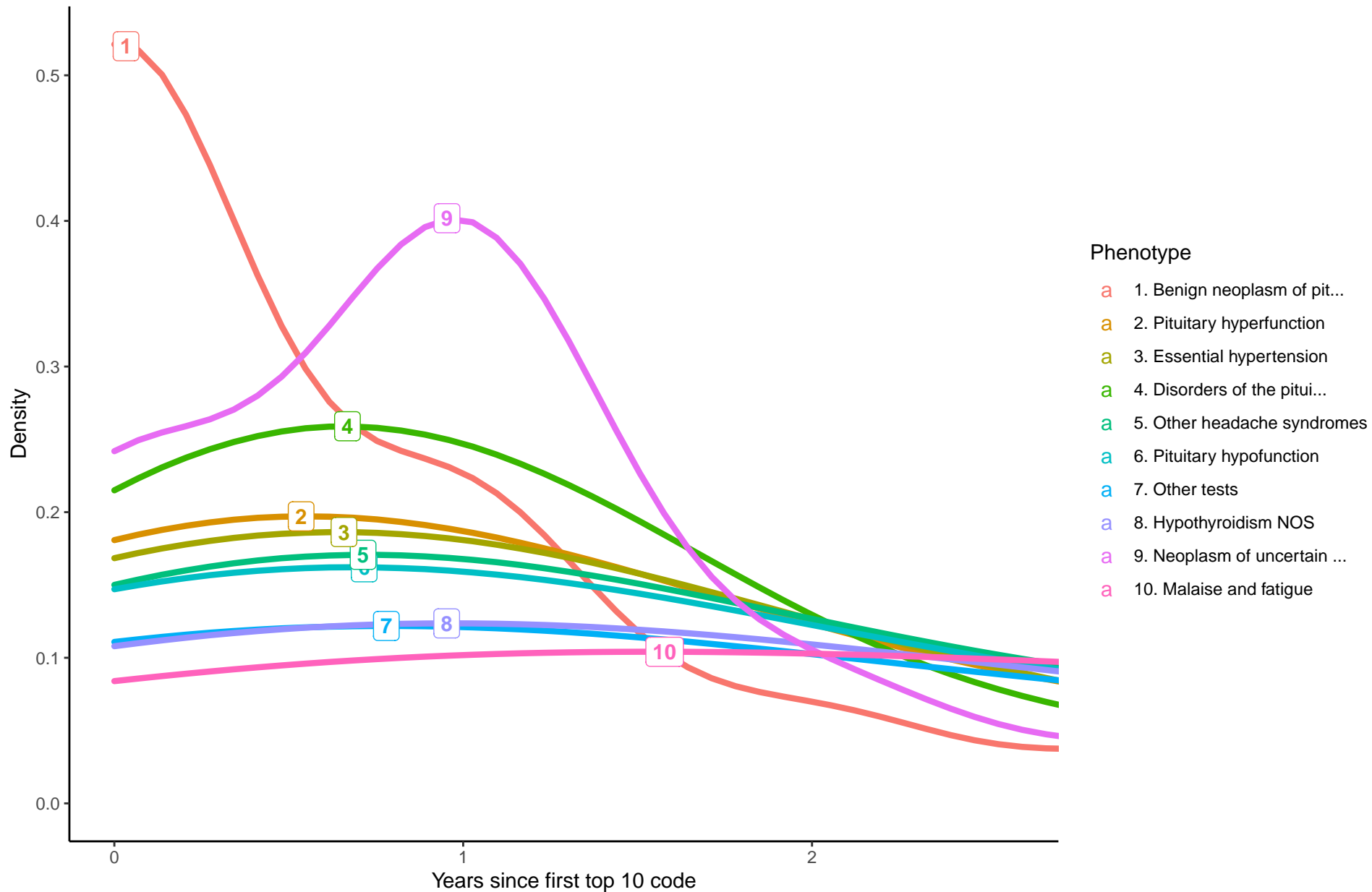


Cluster 90 Combined N = 4639



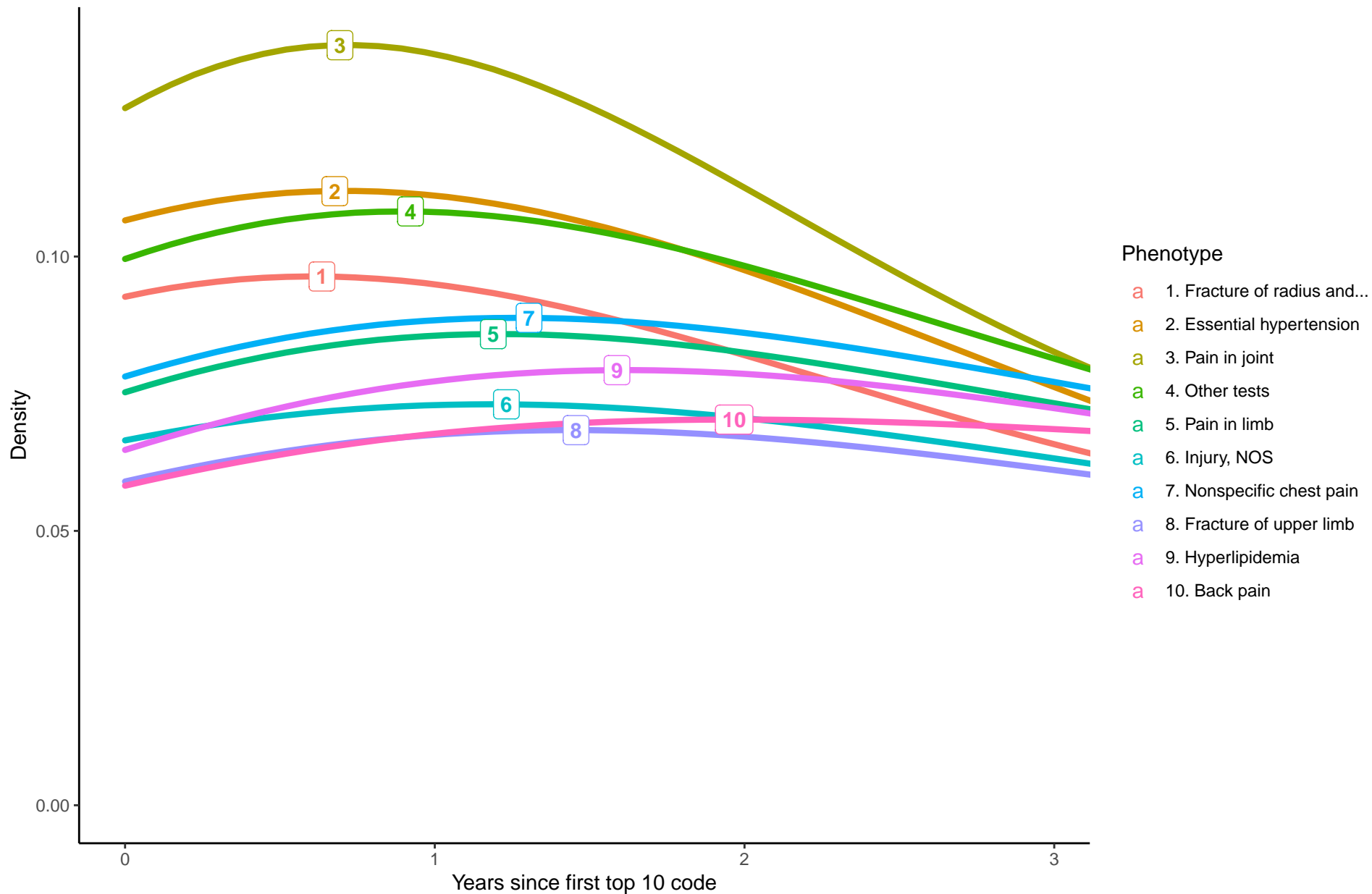
Distribution top 10 PheCodes through time

Cluster 91 Combined N = 668



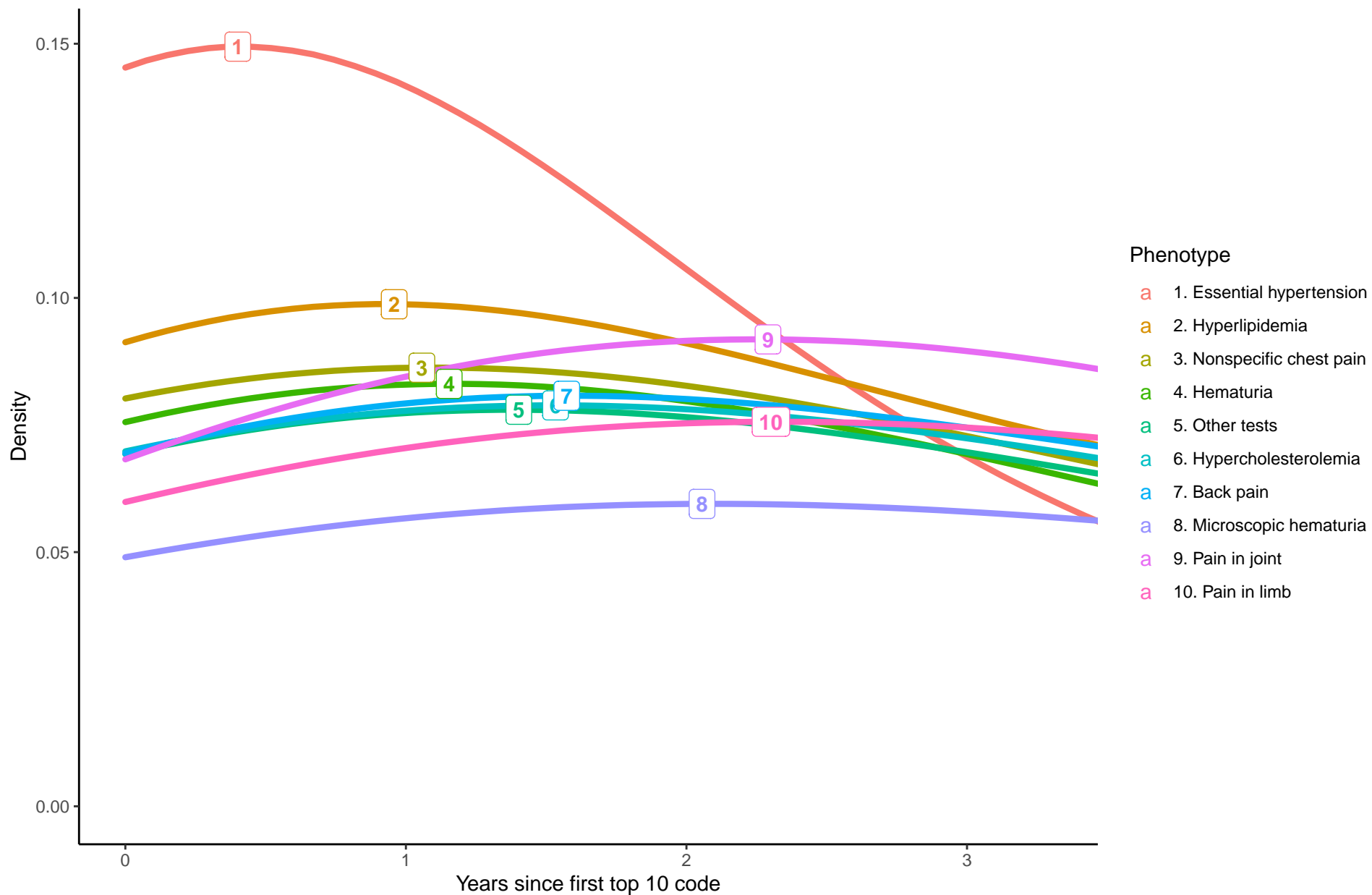
Distribution top 10 PheCodes through time

Cluster 92 Combined N = 548



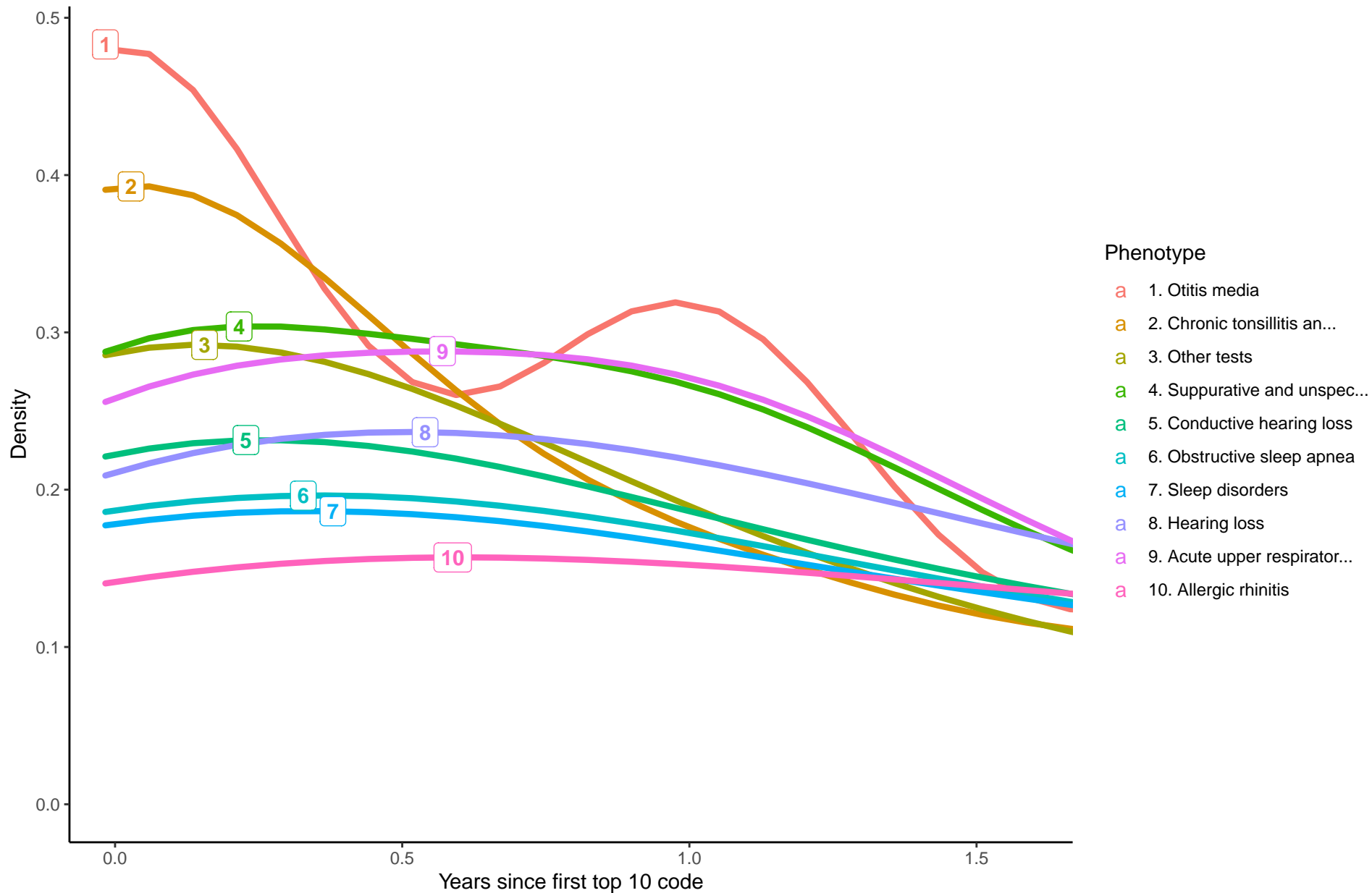
Distribution top 10 PheCodes through time

Cluster 93 Combined N = 343



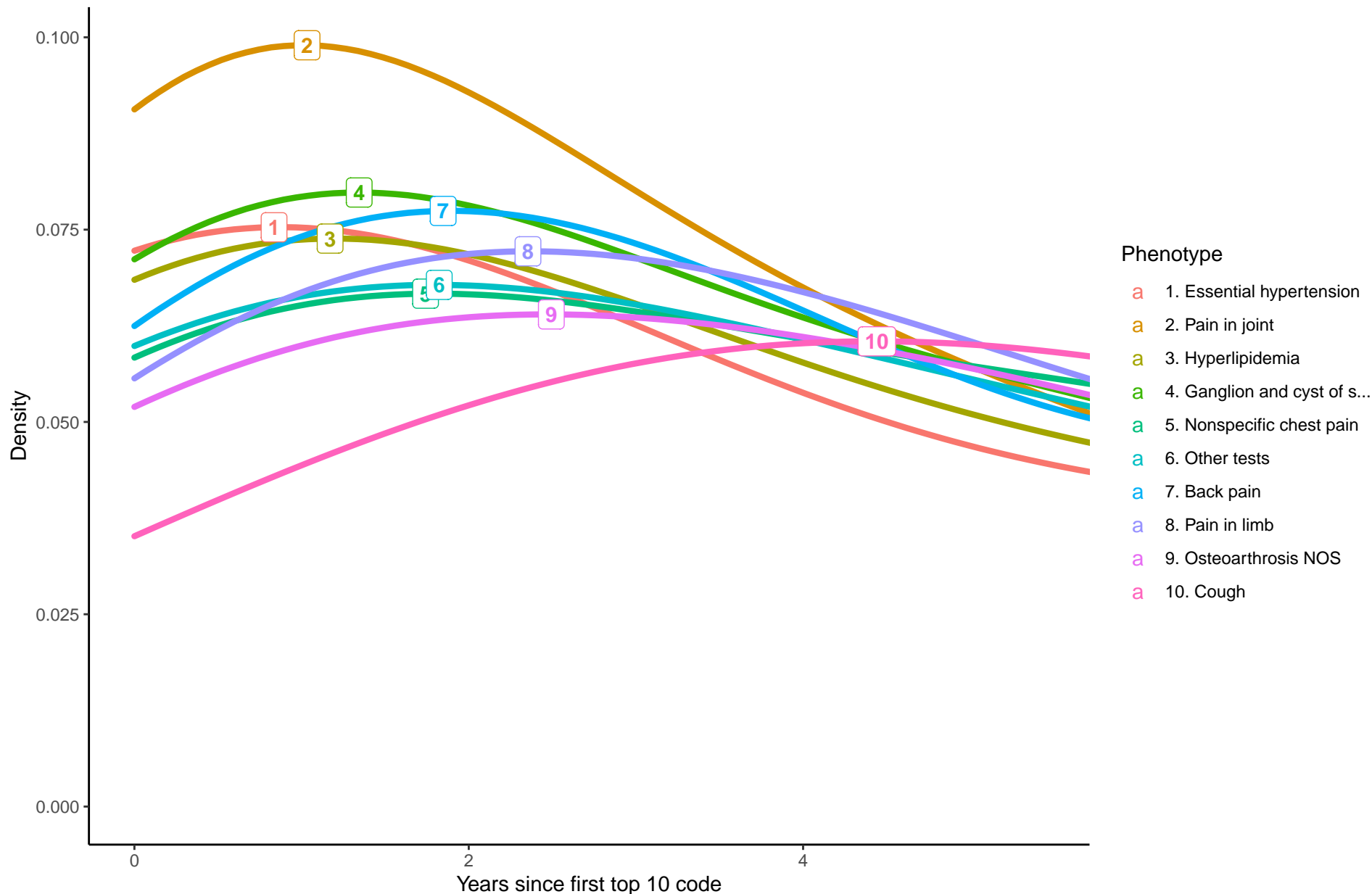
Distribution top 10 PheCodes through time

Cluster 94 Combined N = 1968



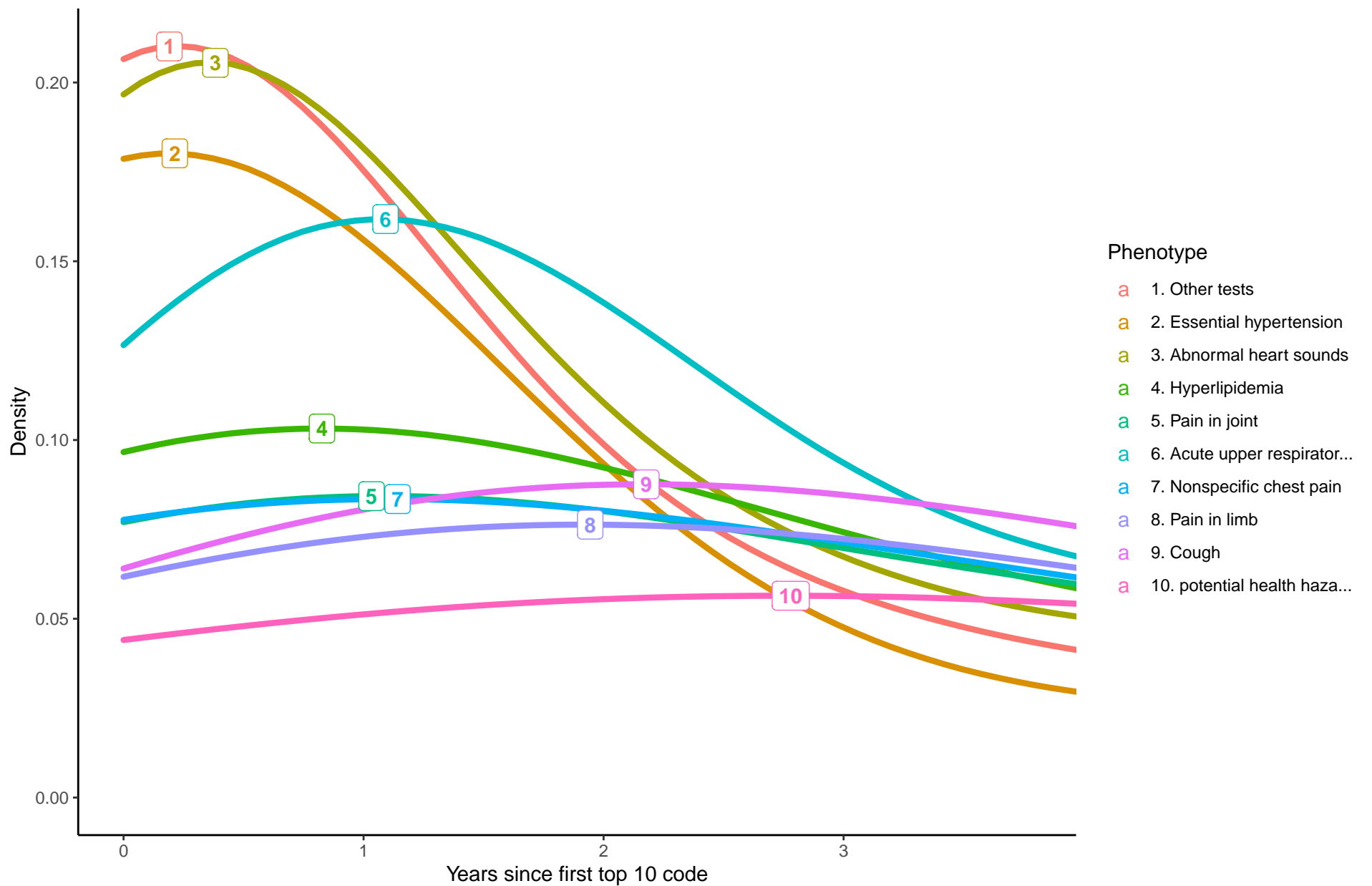
Distribution top 10 PheCodes through time

Cluster 95 Combined N = 252



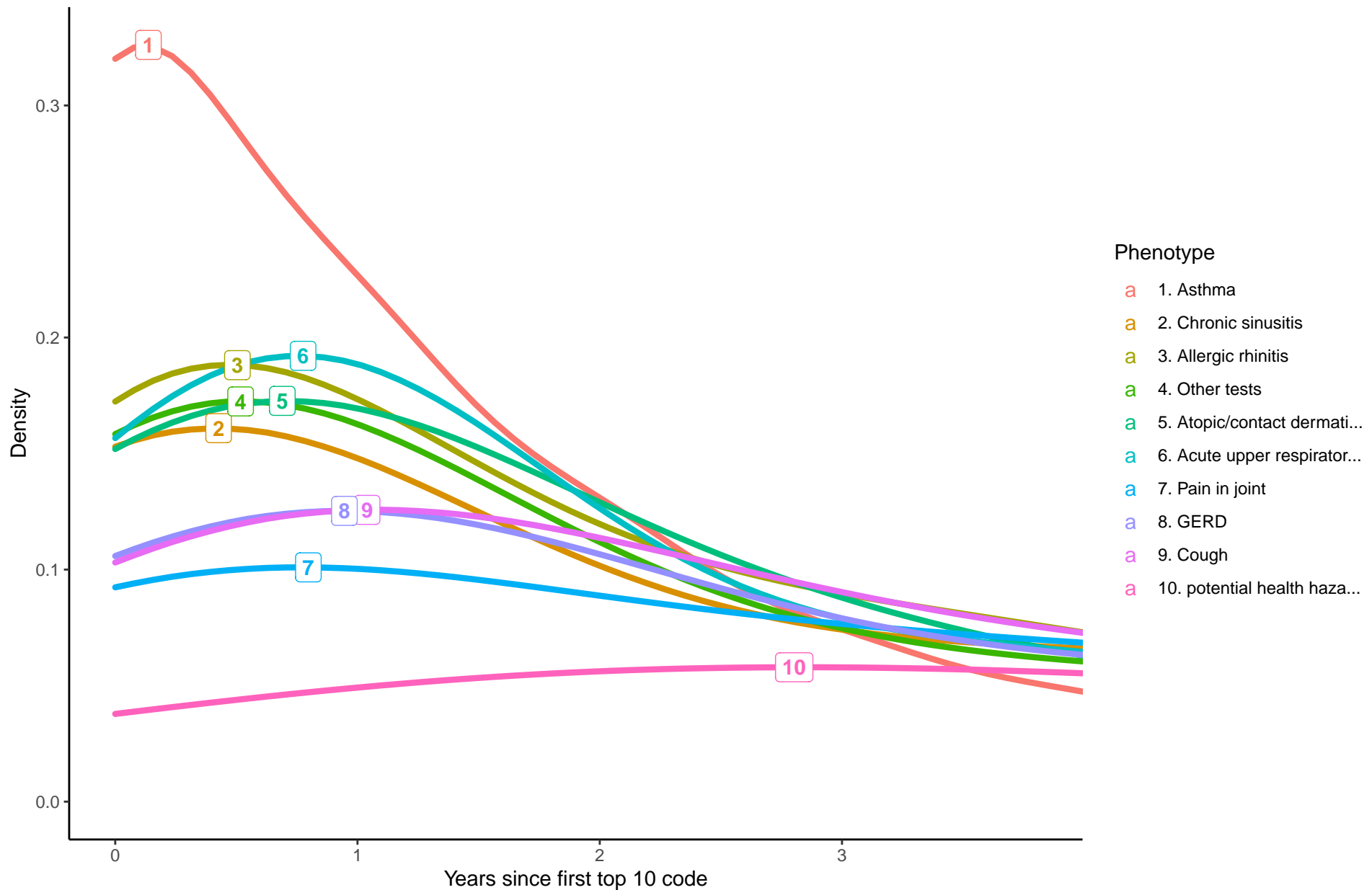
Distribution top 10 PheCodes through time

Cluster 96 Combined N = 449



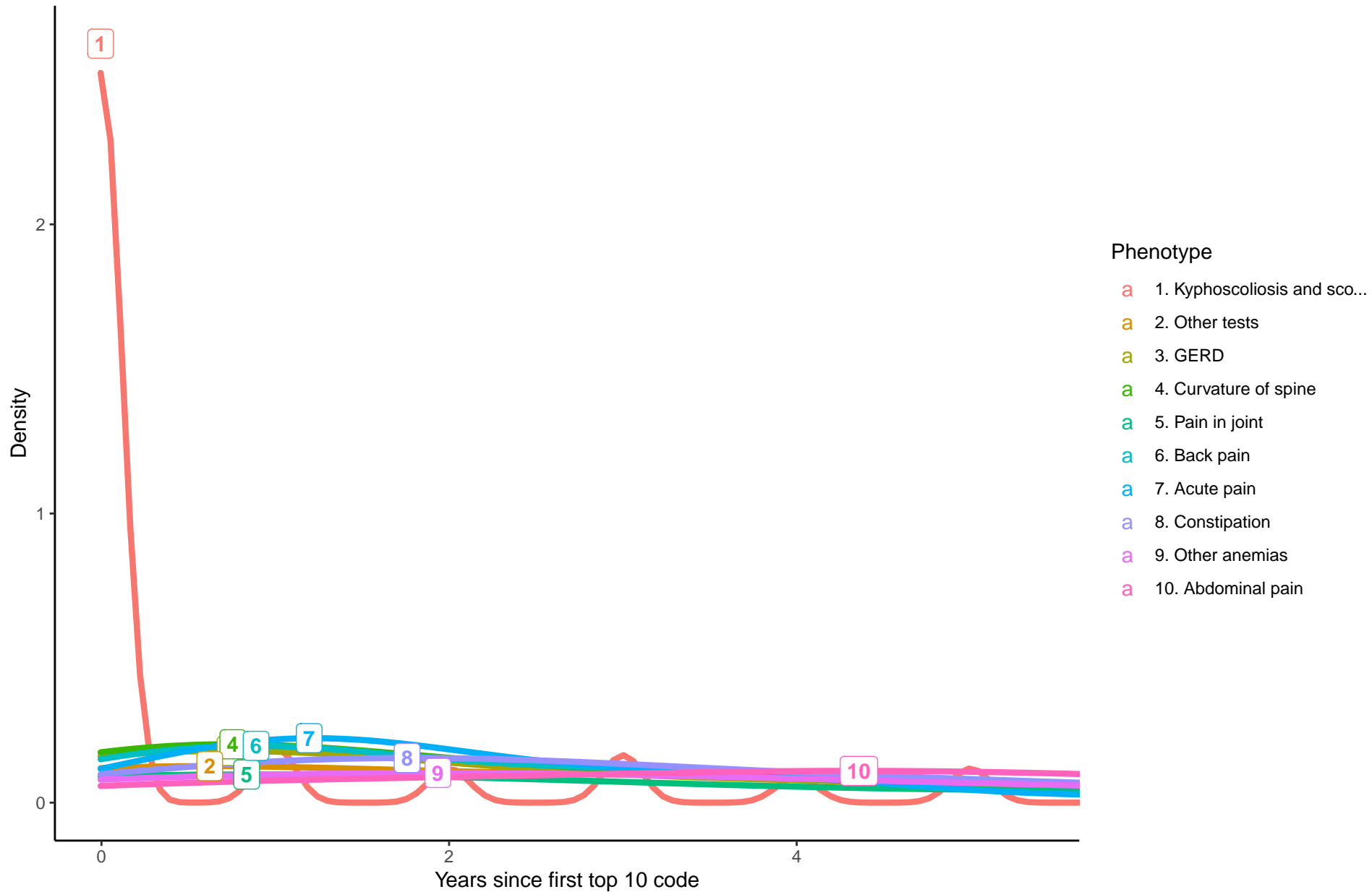
Distribution top 10 PheCodes through time

Cluster 97 Combined N = 1539



Distribution top 10 PheCodes through time

Cluster 98 Combined N = 232



Distribution top 10 PheCodes through time

Cluster 99 Combined N = 687

