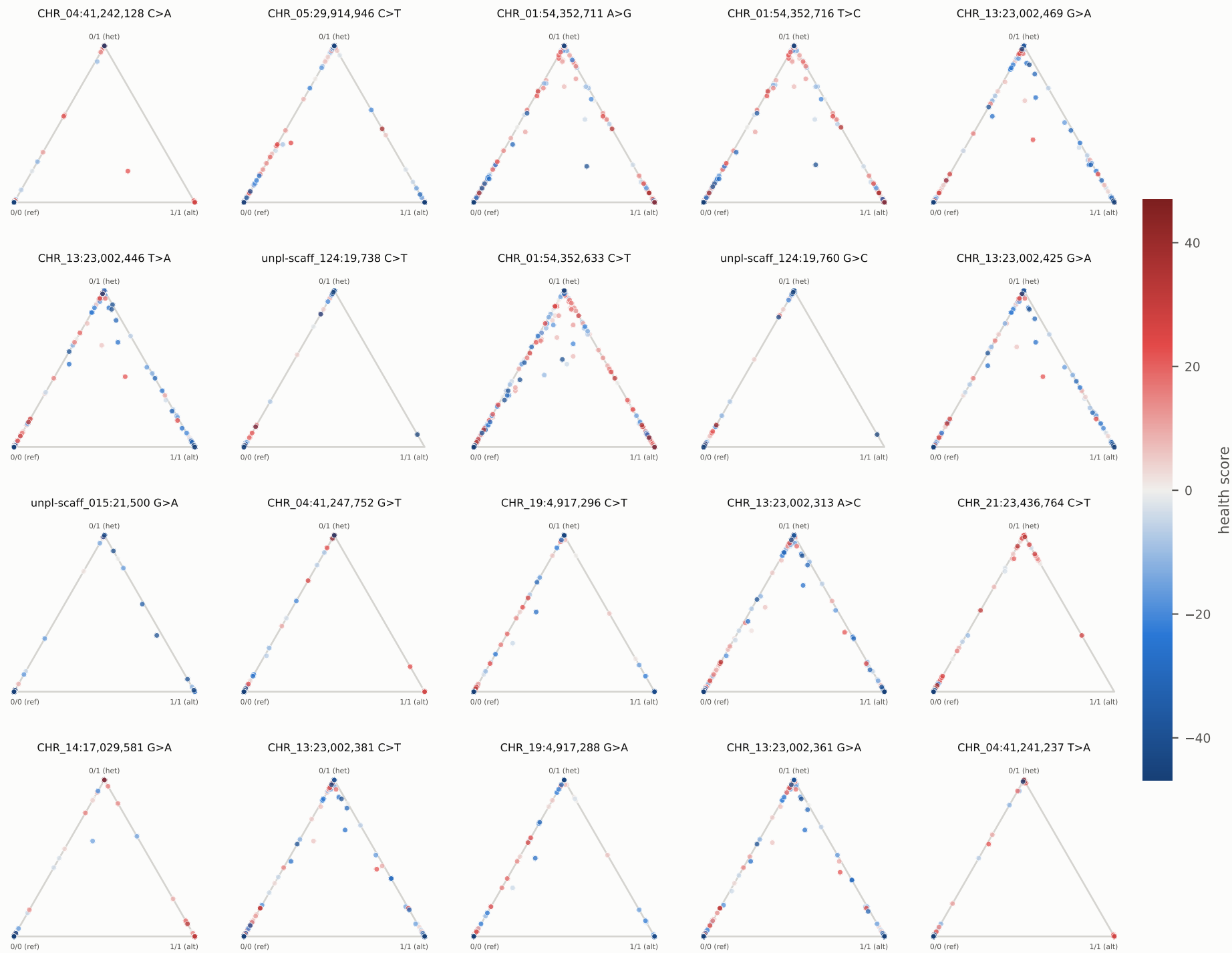
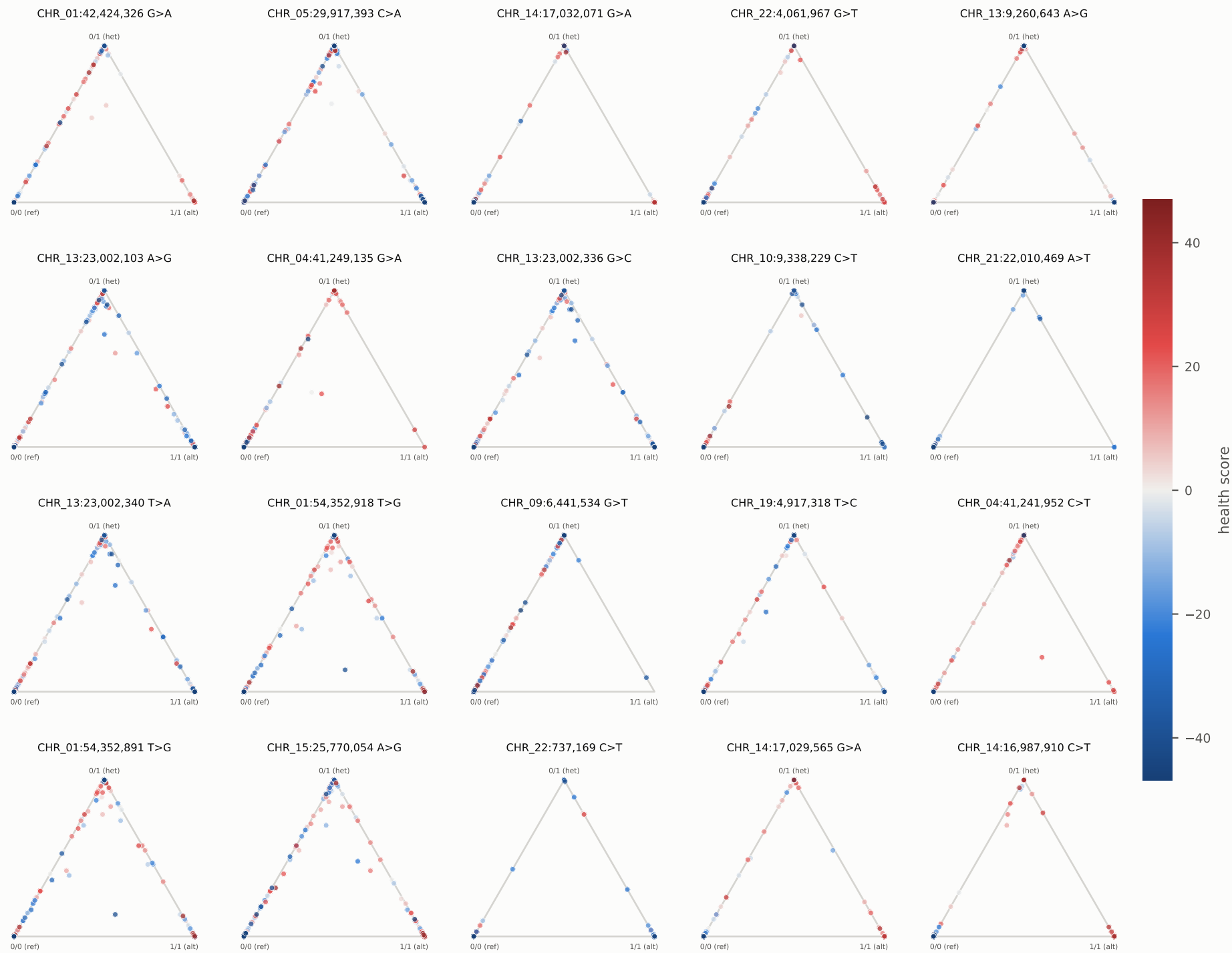
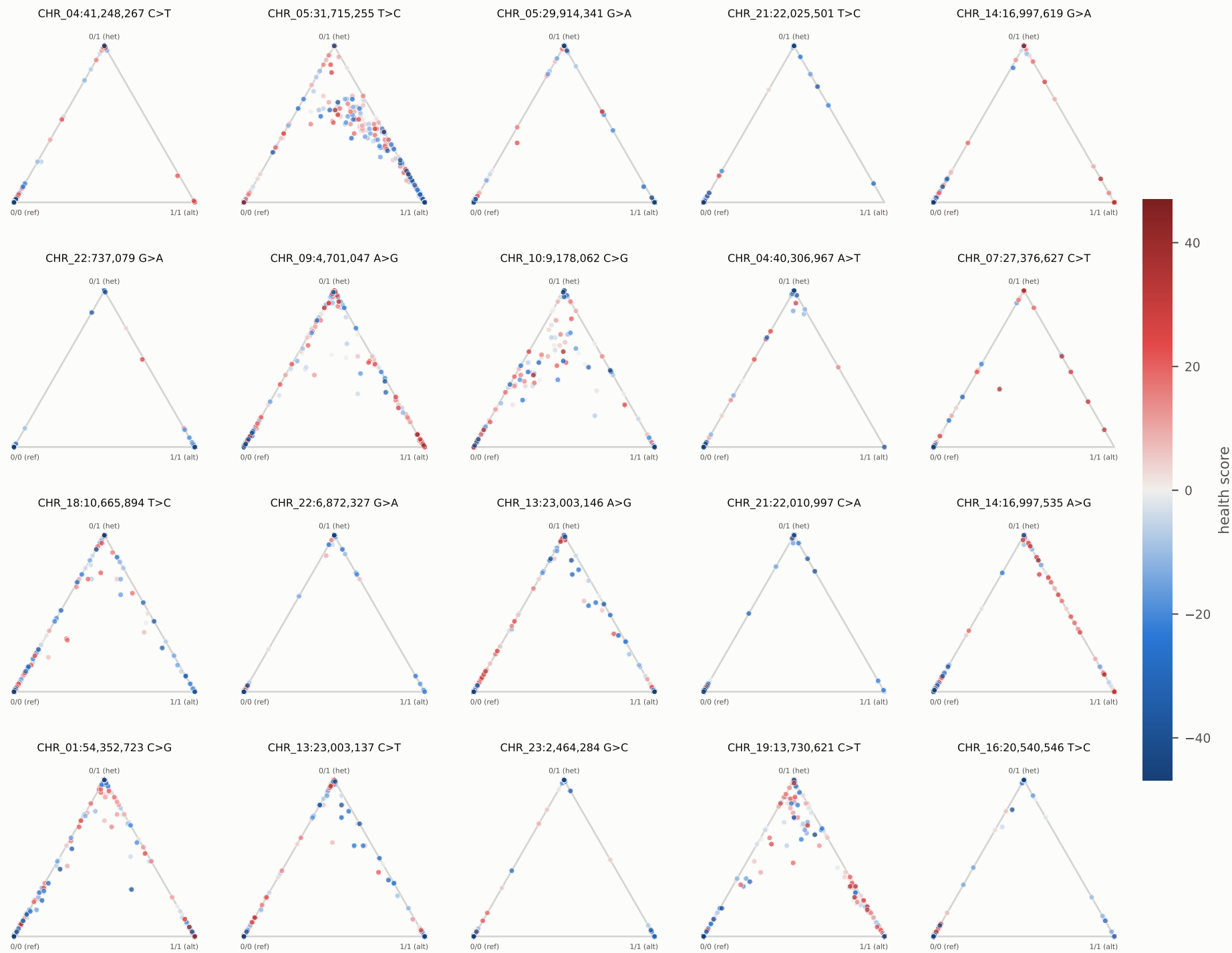
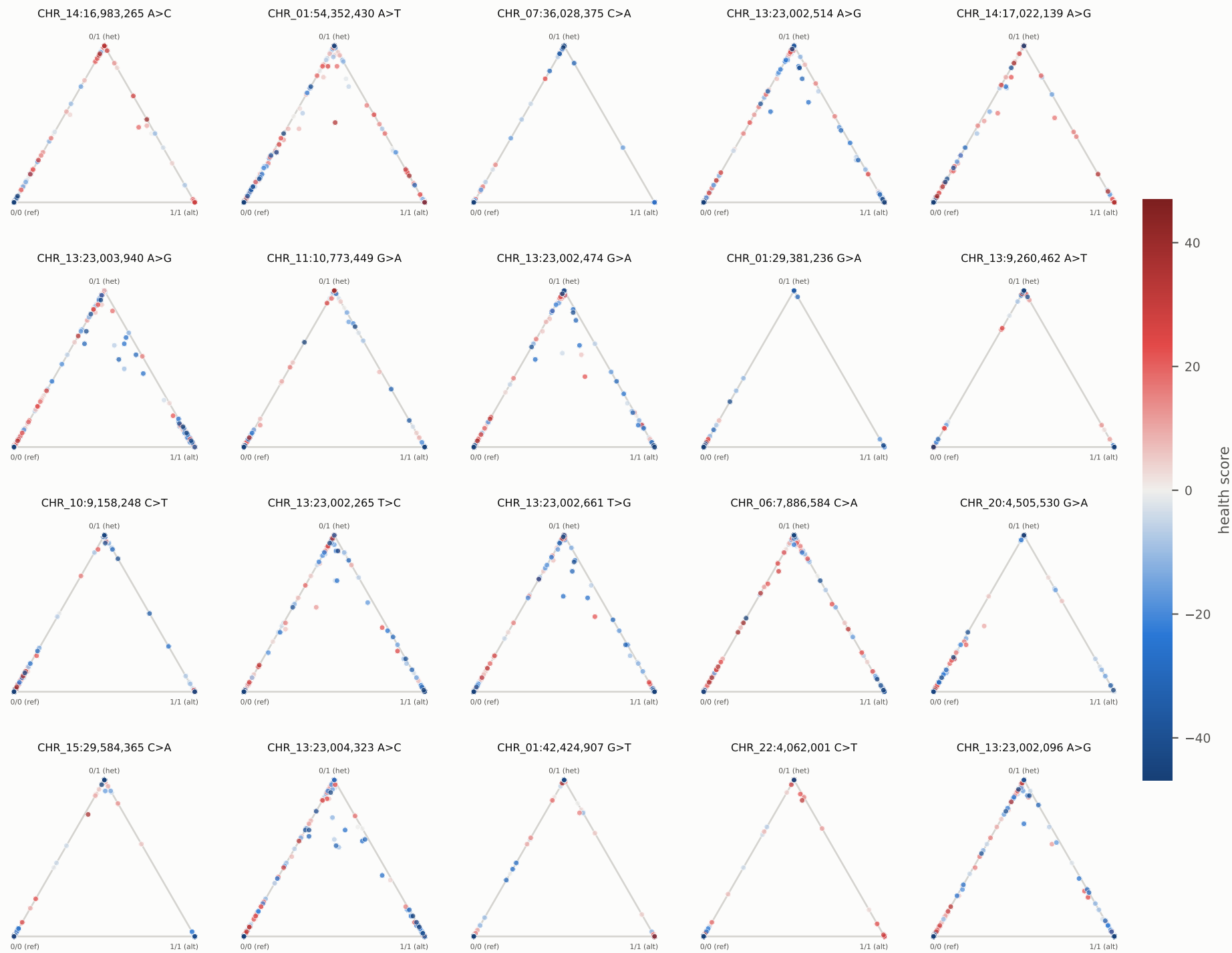
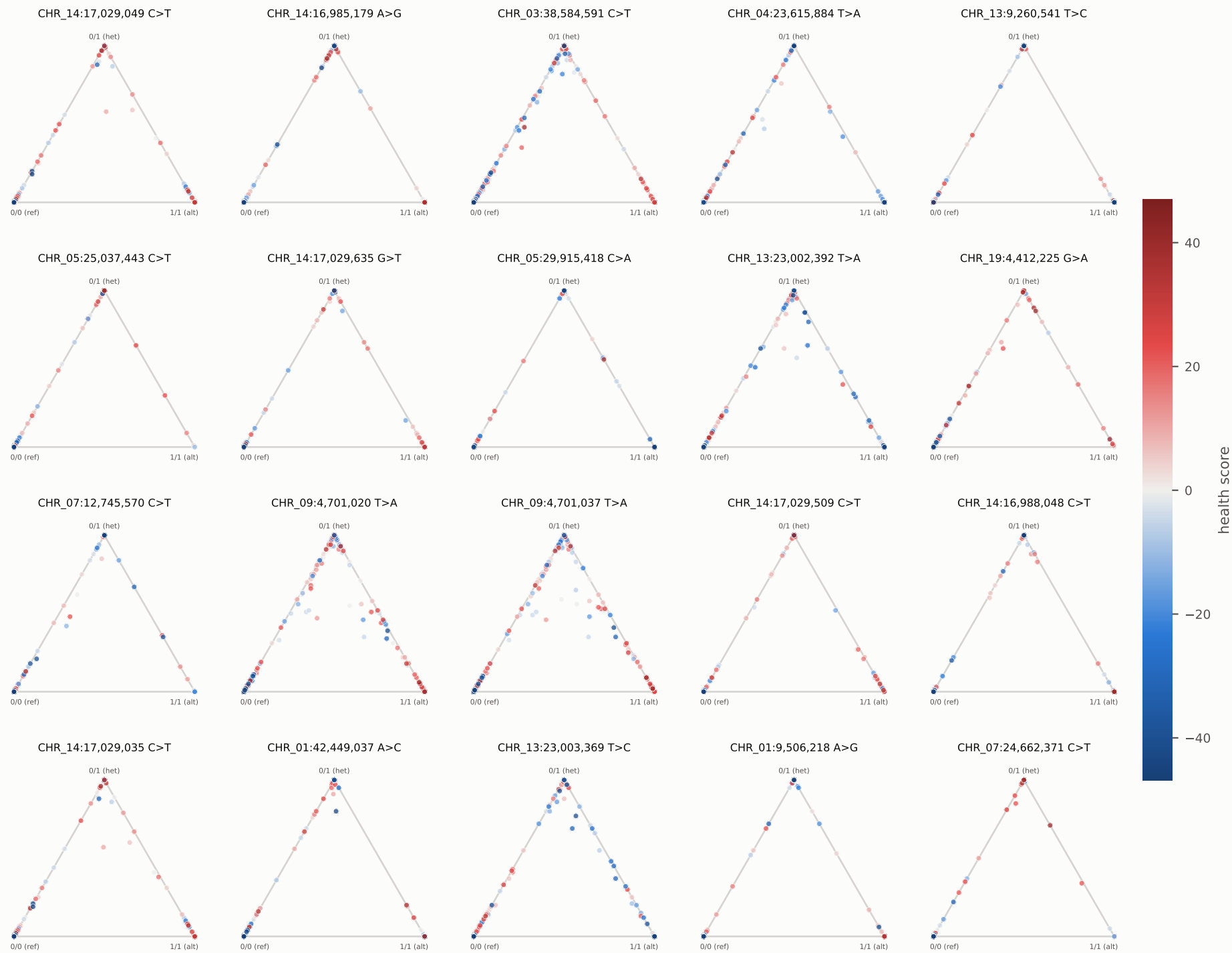


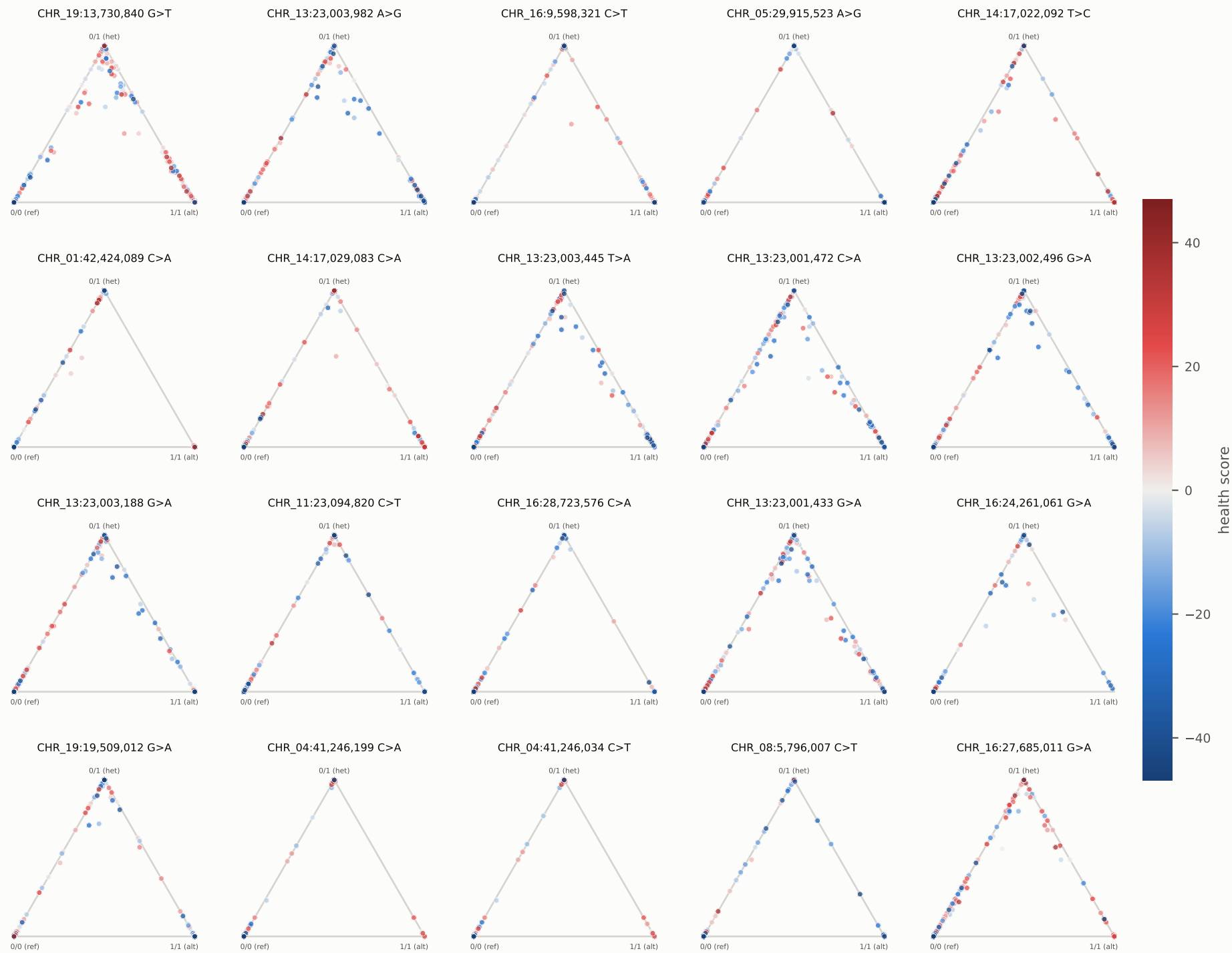


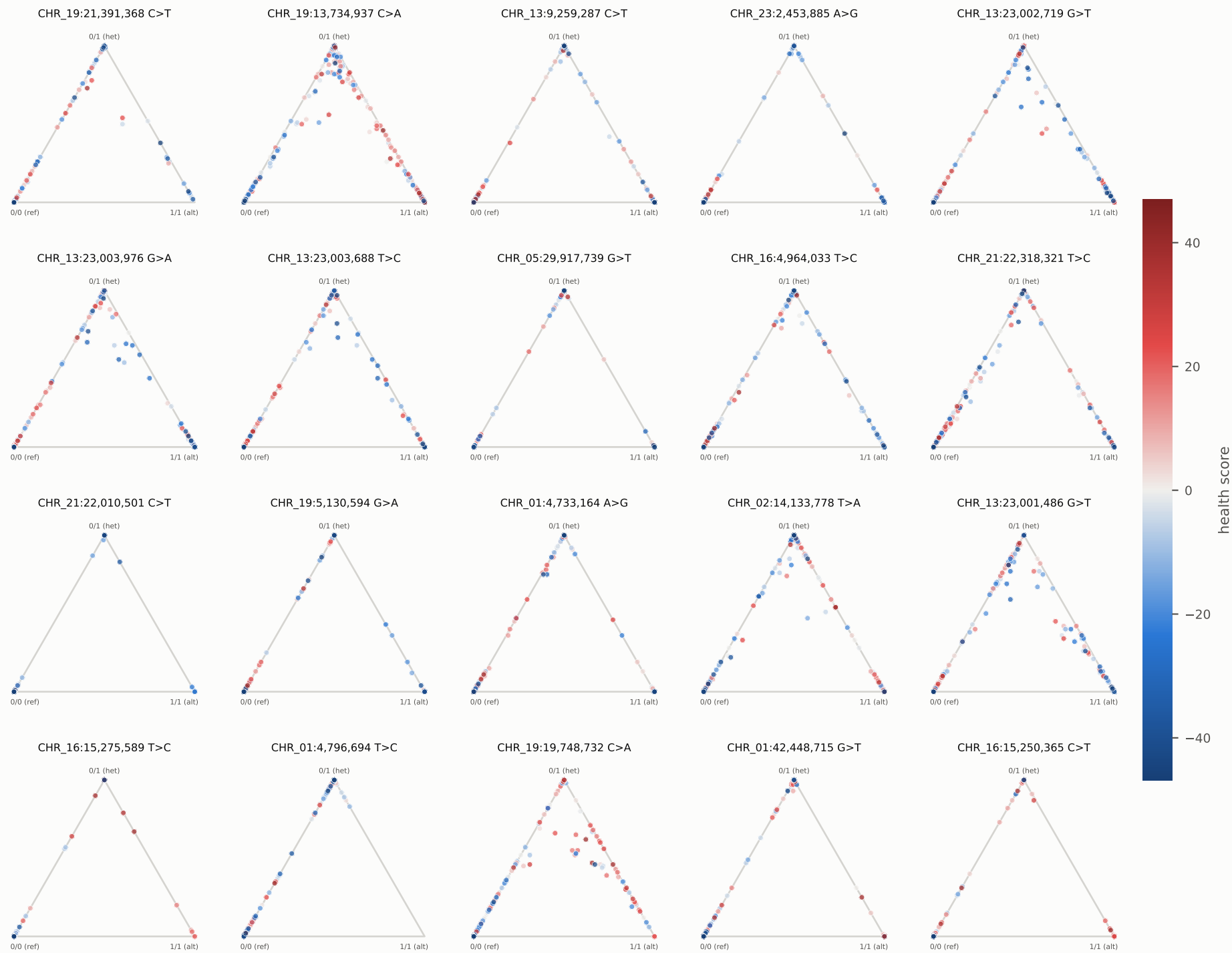


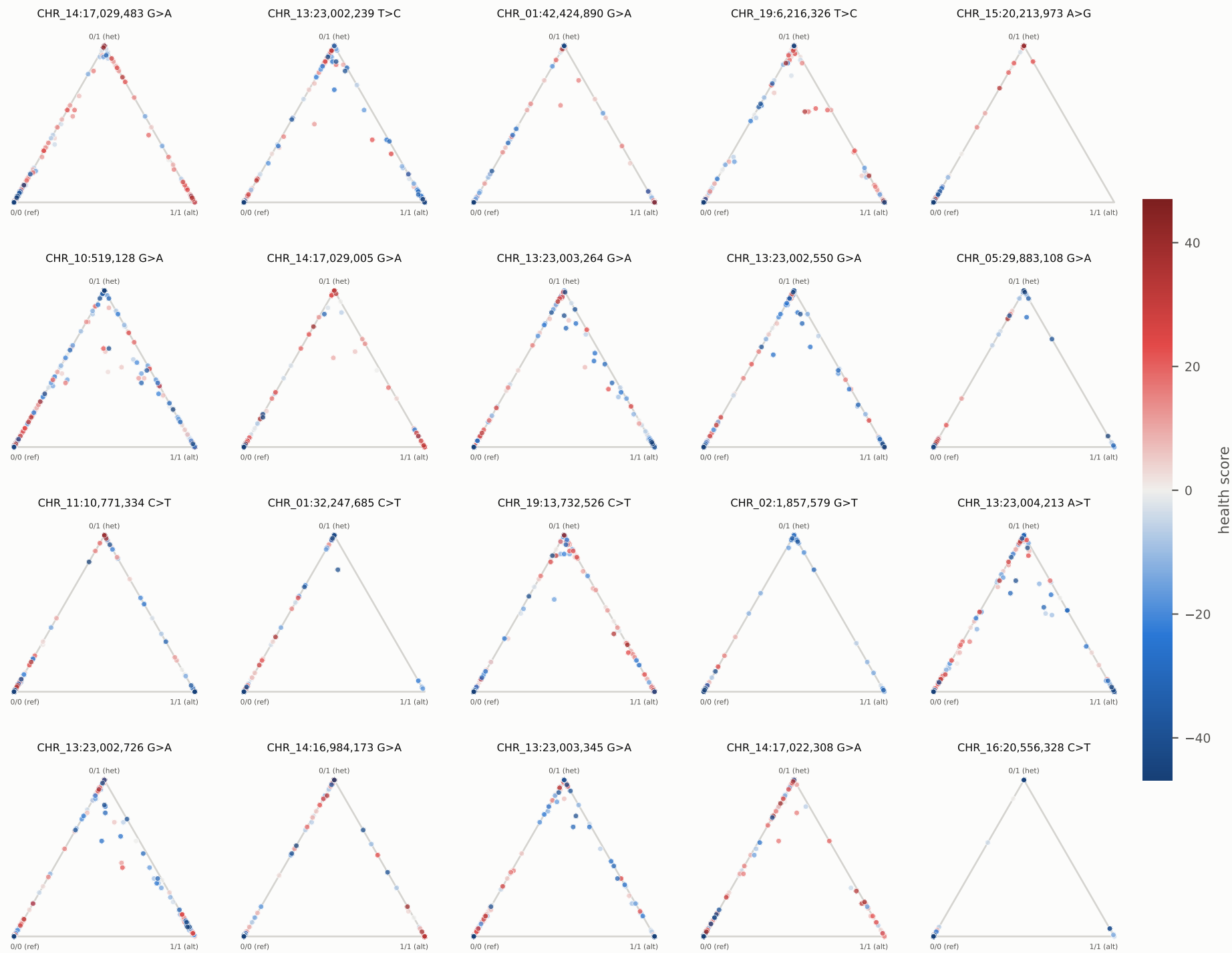


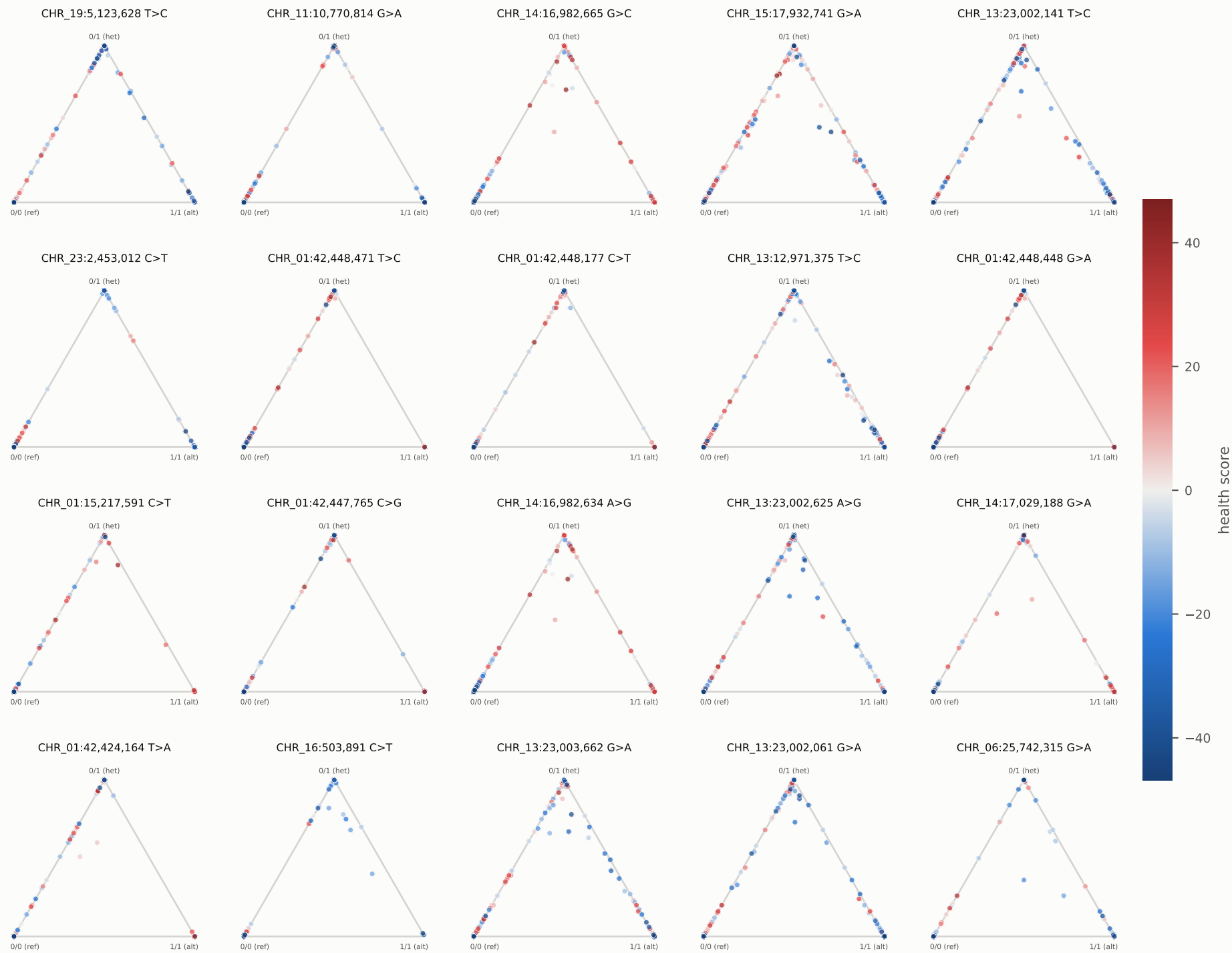




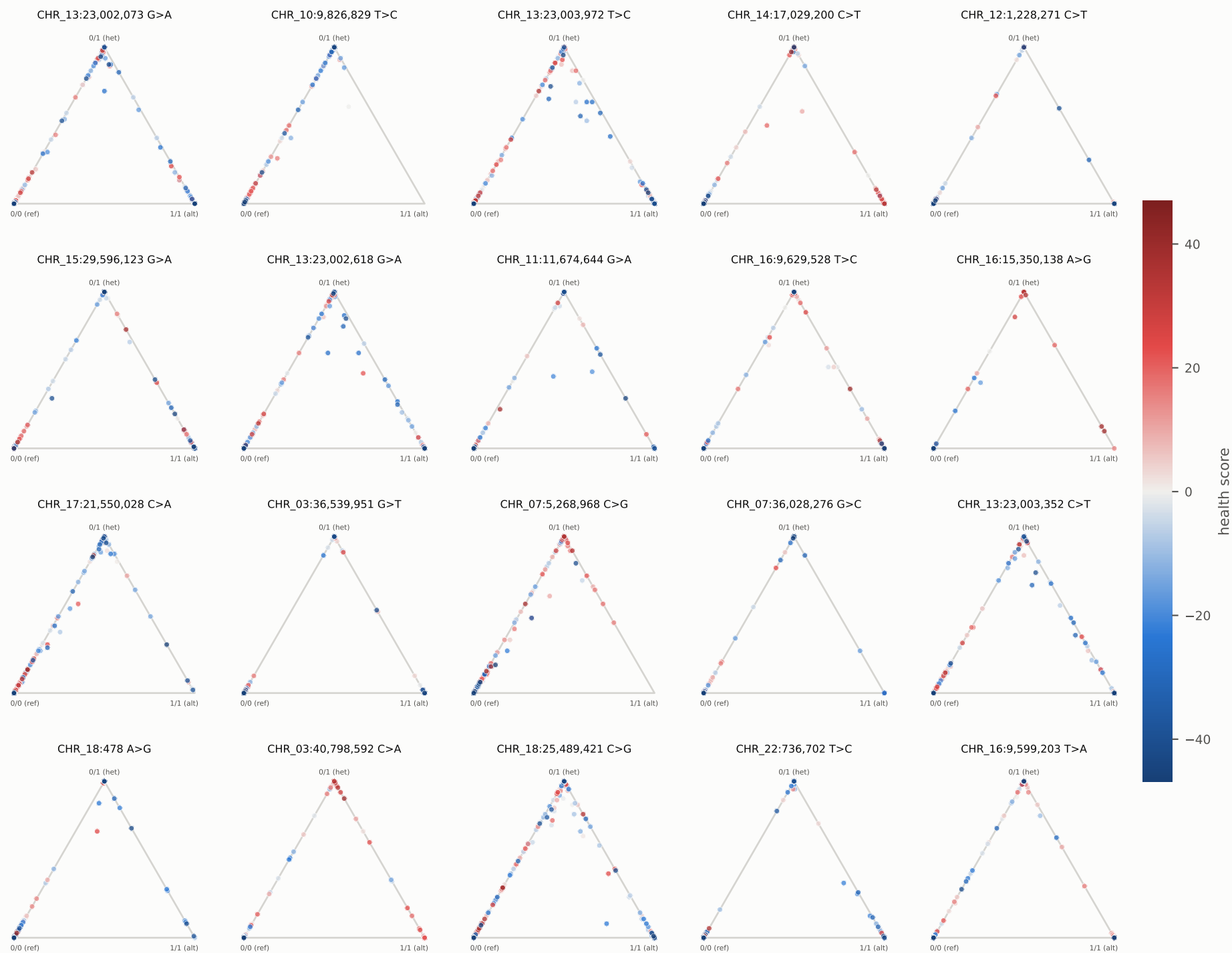




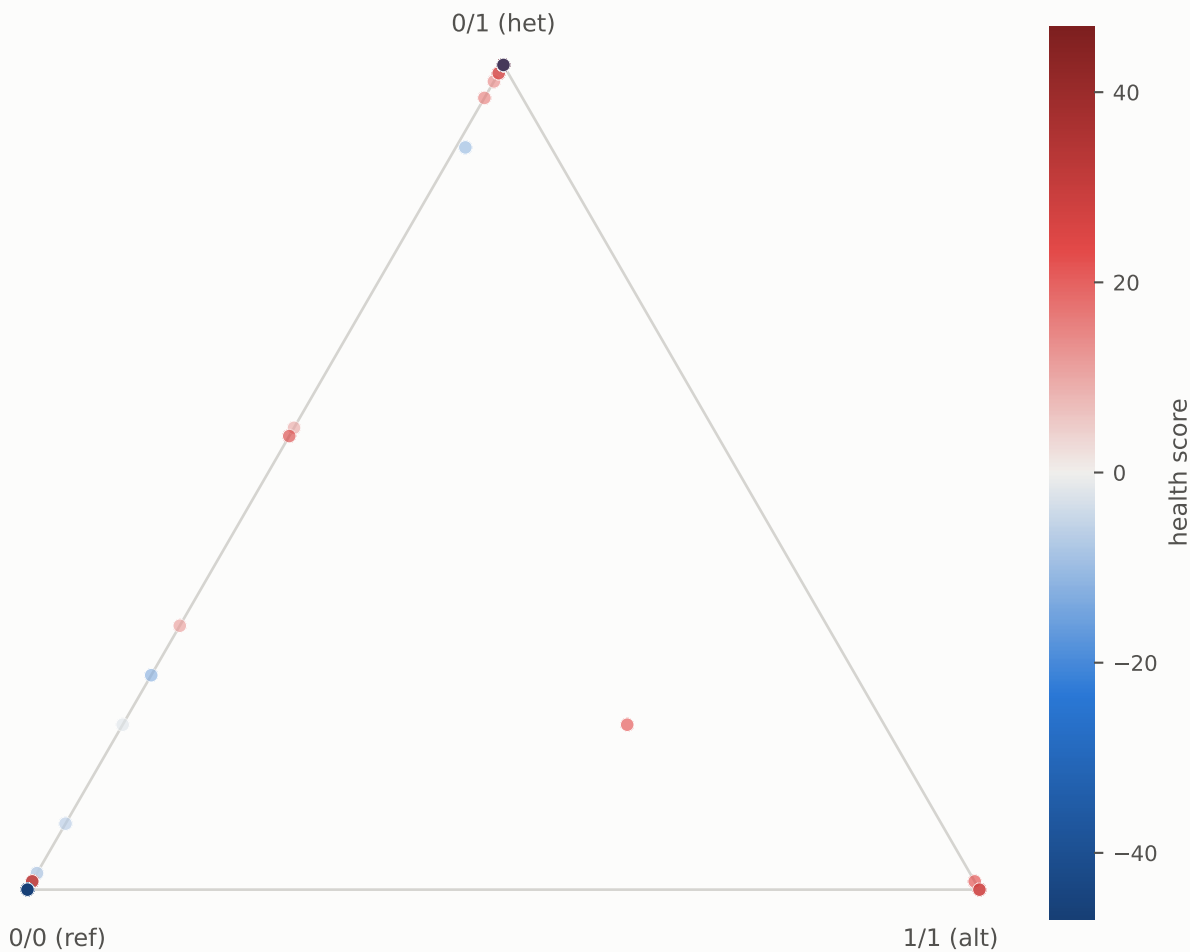




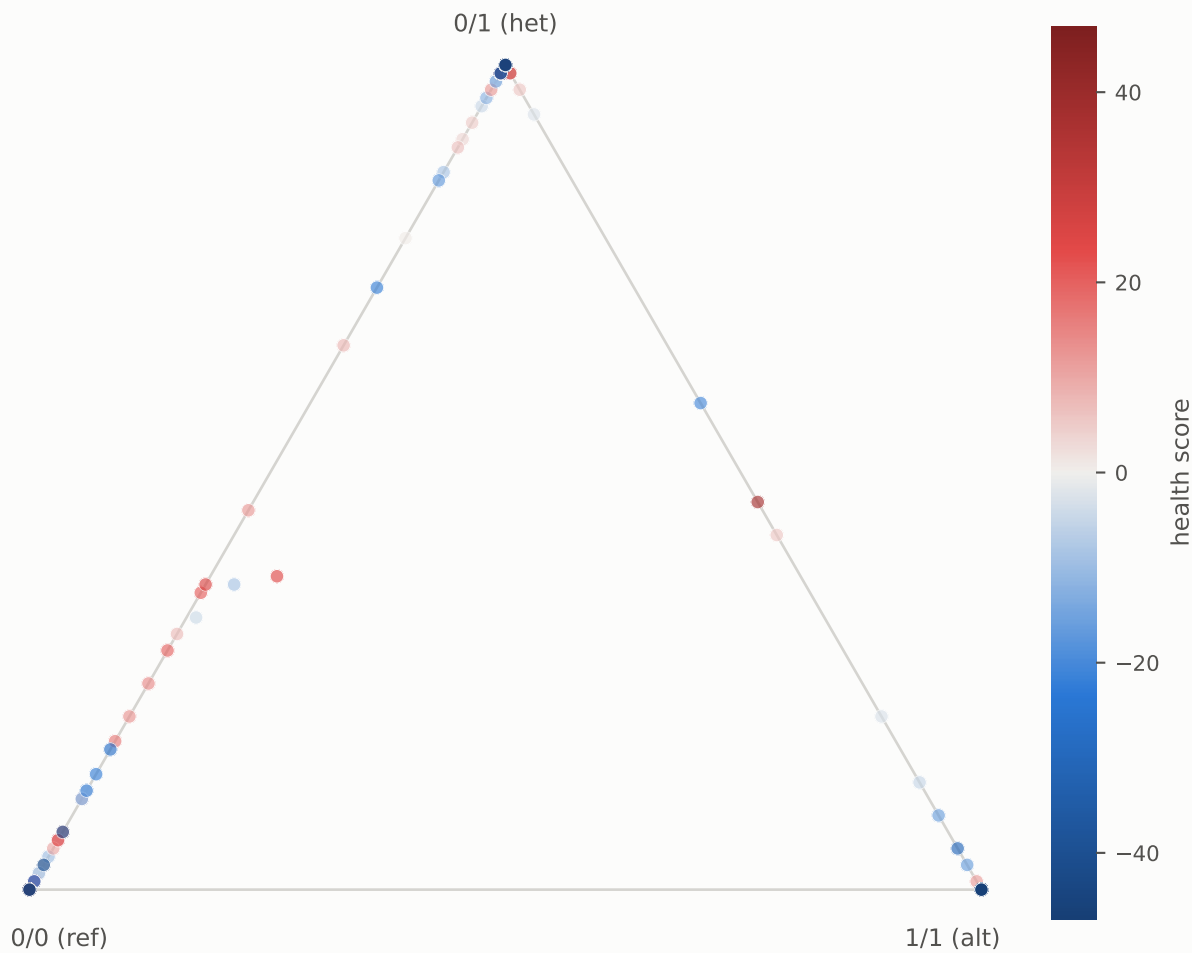
full — top 200 SNPs by health association (|r| dosage vs health) — overview 10/10



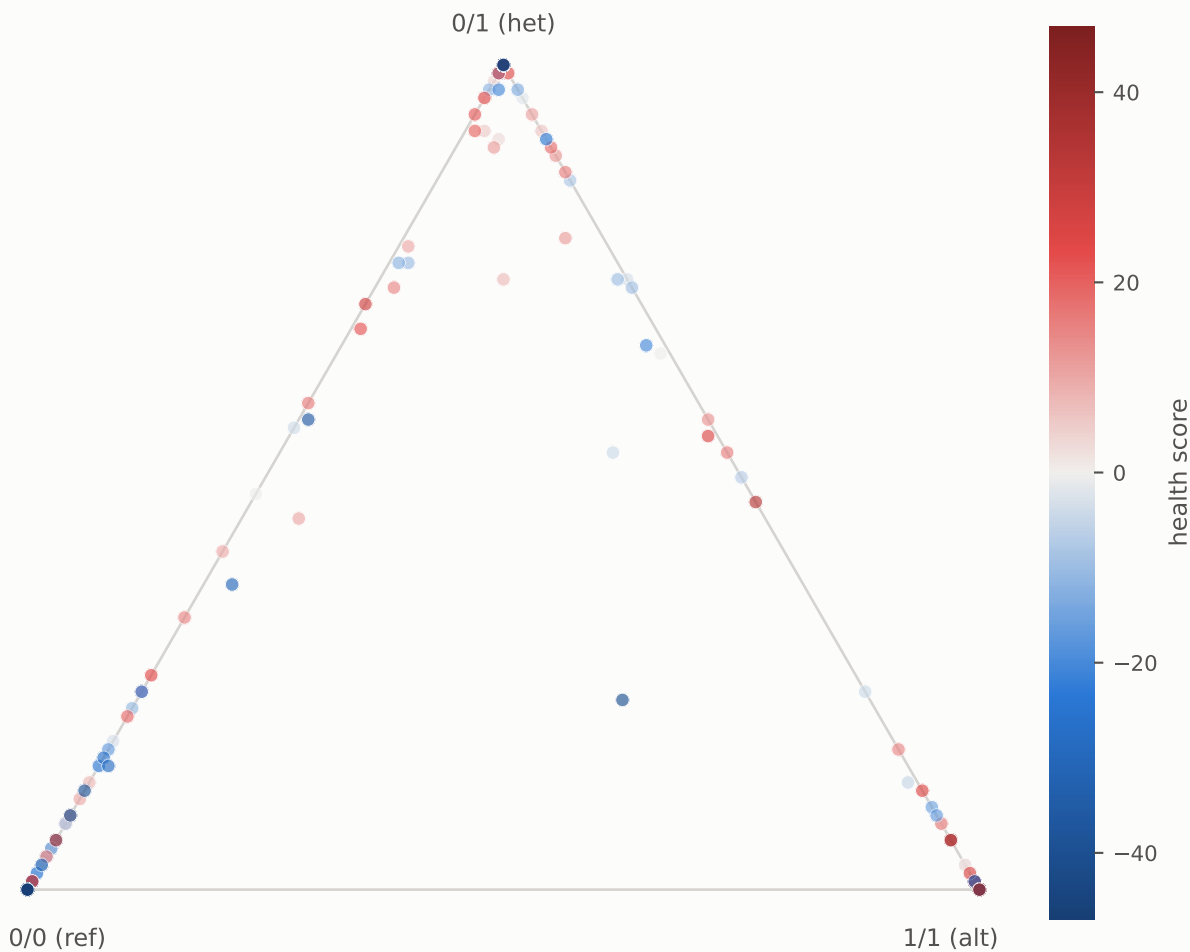
#1 by health association CHR_04:41,242,128 C>A
AF=0.078 DR2=0.97 r=+0.244 H=0.013 F=14.7



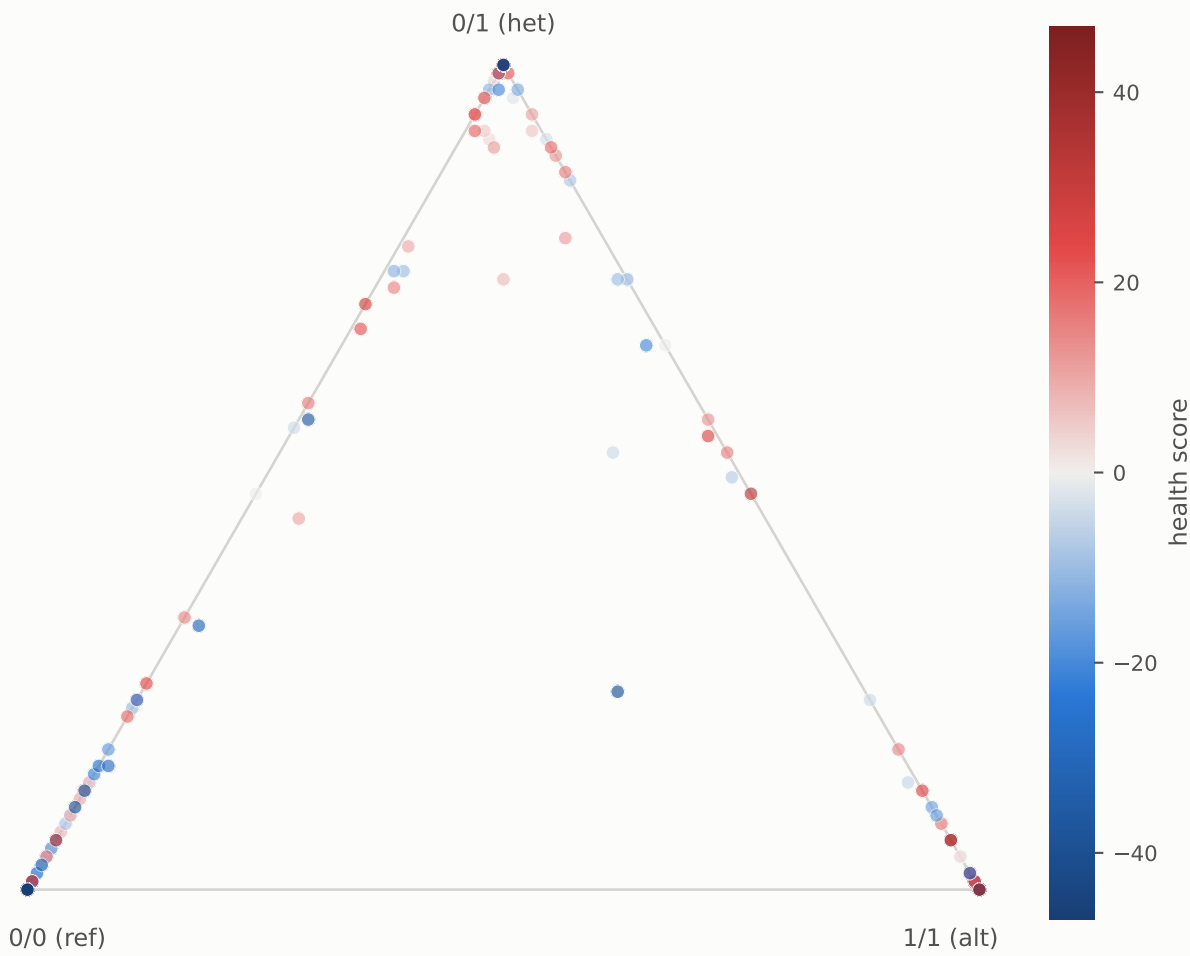
#2 by health association CHR_05:29,914,946 C>T
AF=0.25 DR2=0.96 $r=-0.238$ H=0.047 F=13.2



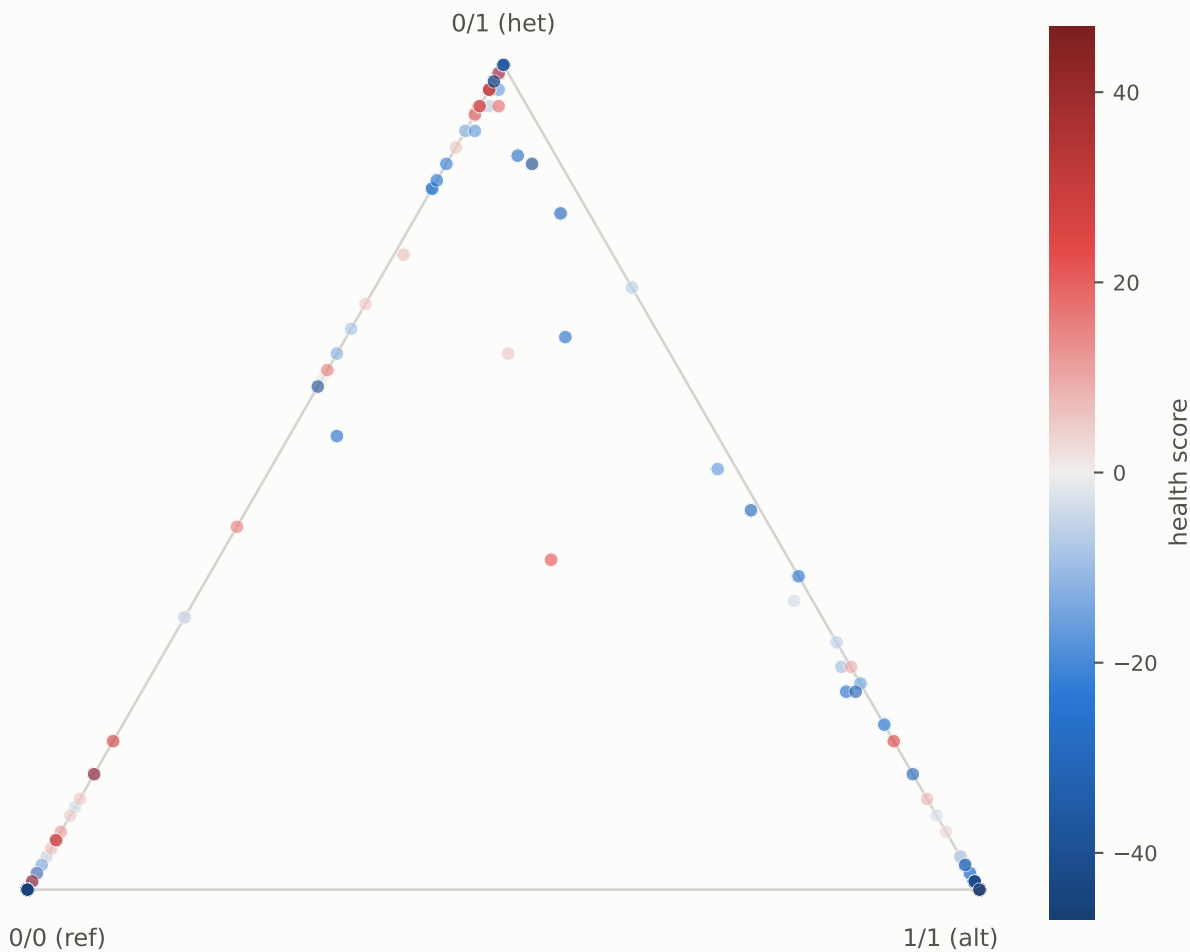
#3 by health association CHR_01:54,352,711 A>G
AF=0.36 DR2=0.93 $r=+0.237$ $H=0.091$ $F=12.9$



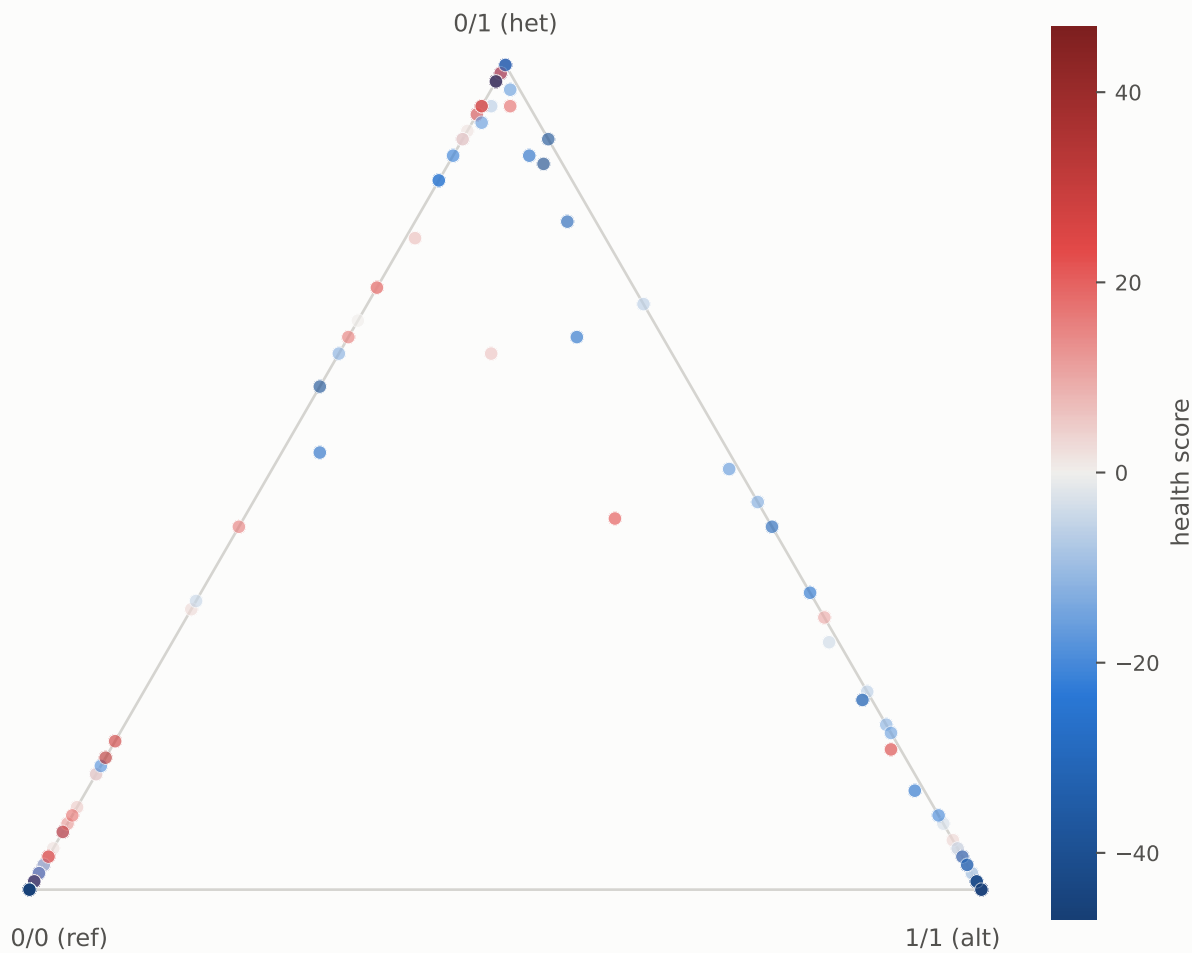
#4 by health association CHR_01:54,352,716 T>C
AF=0.35 DR2=0.93 $r=+0.237$ H=0.089 F=12.9



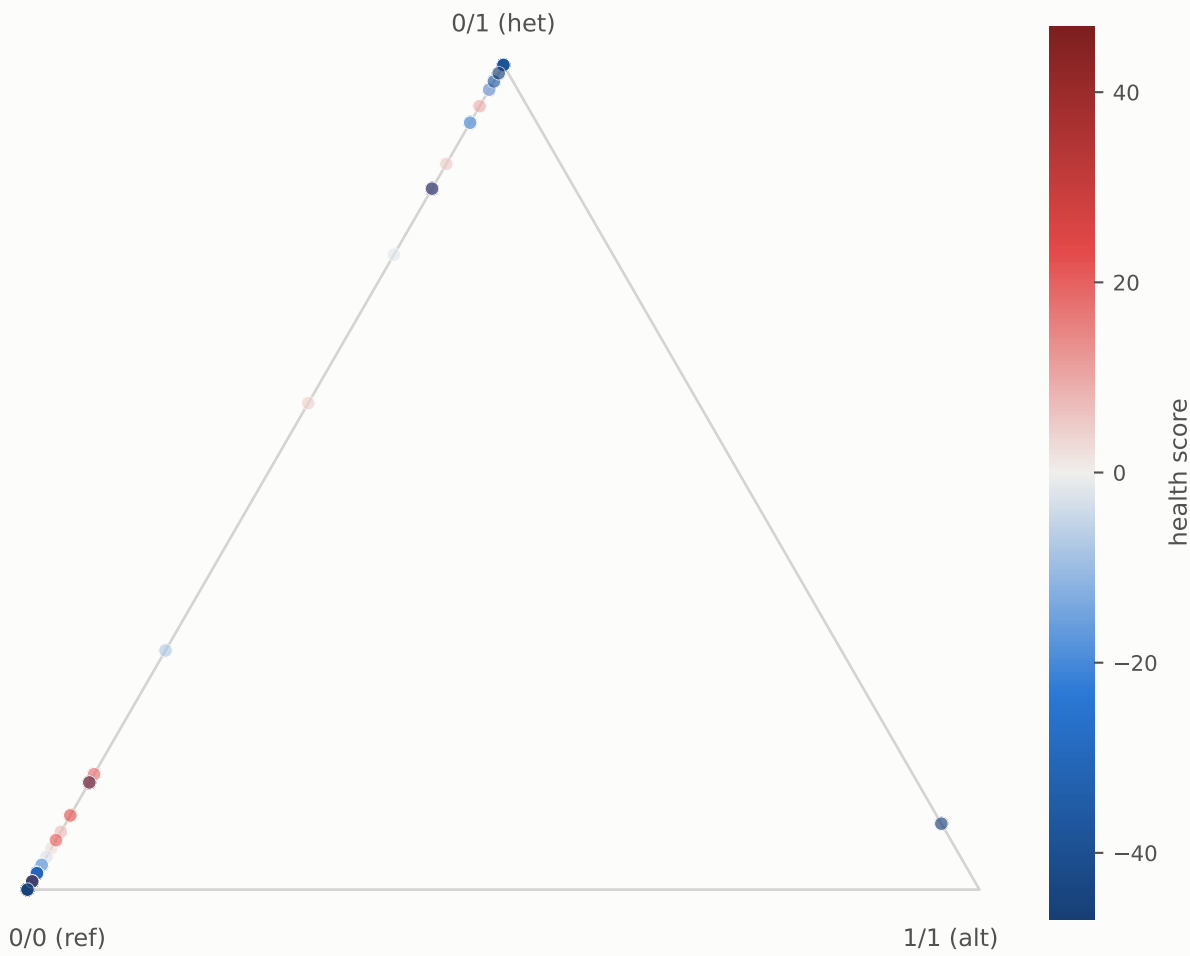
#5 by health association CHR_13:23,002,469 G>A
AF=0.18 DR2=0.94 $r=-0.237$ H=0.074 F=14.7



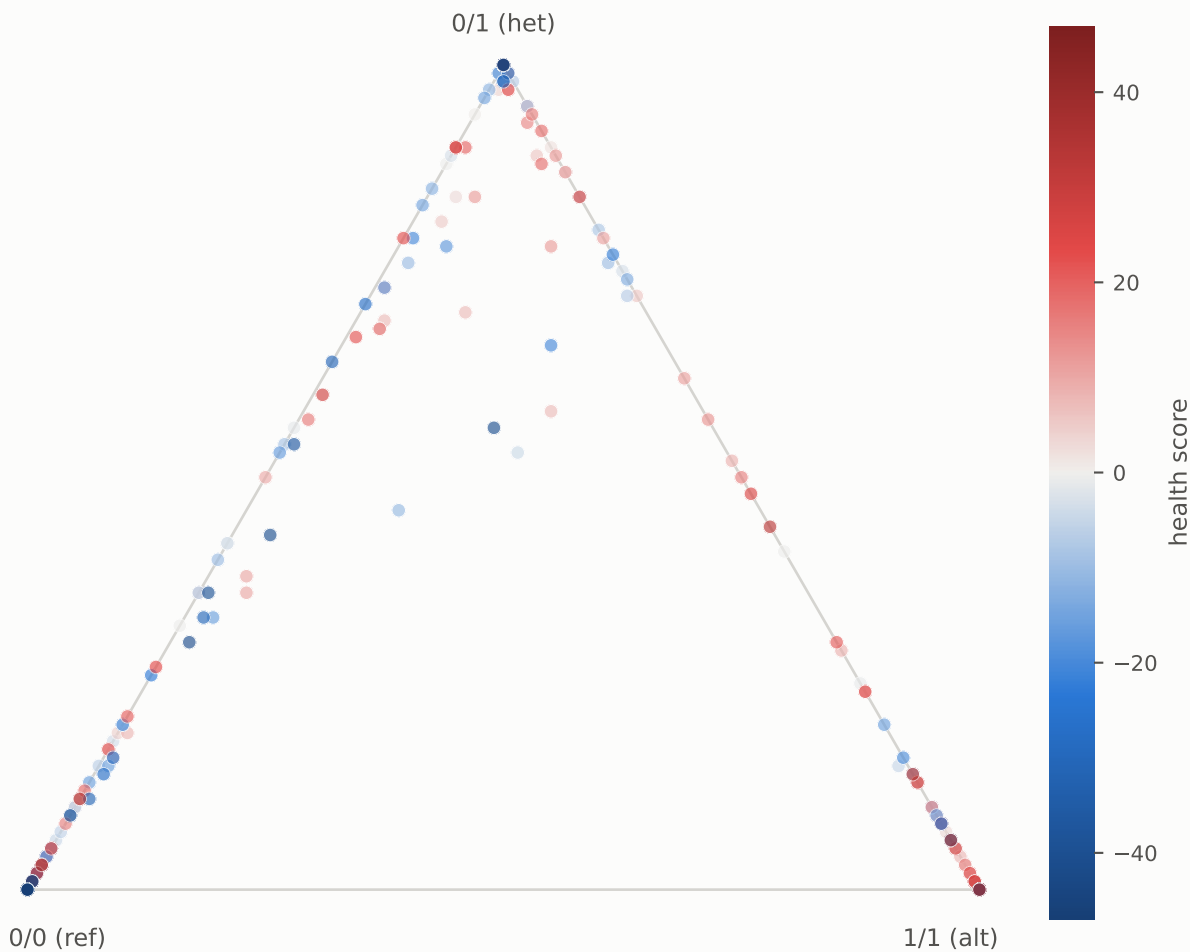
#6 by health association CHR_13:23,002,446 T>A
AF=0.19 DR2=0.94 $r=-0.237$ H=0.076 F=14.1



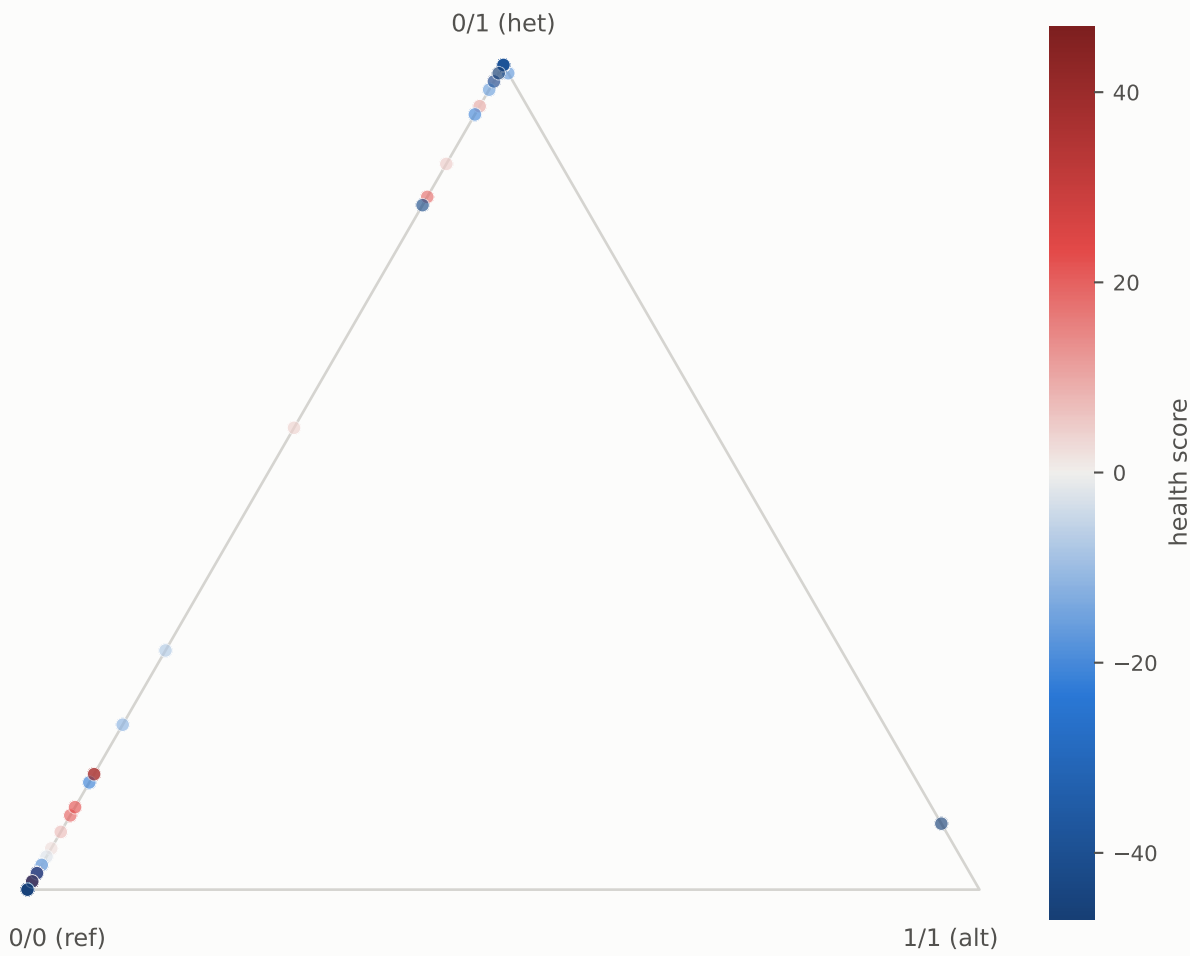
#7 by health association unpl-scaff_124:19,738 C>T
AF=0.047 DR2=0.93 r=-0.237 H=0.023 F=20.5



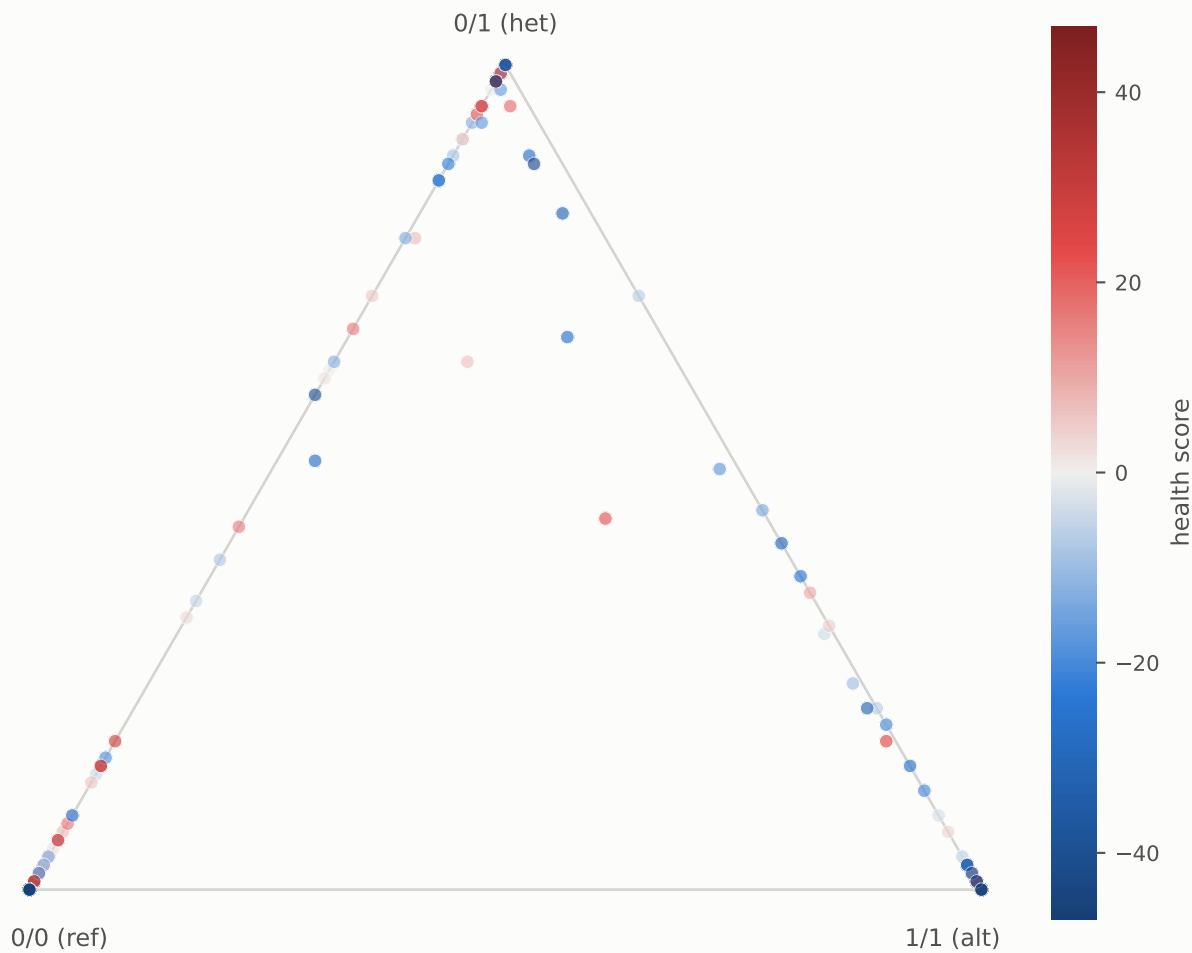
#8 by health association CHR_01:54,352,633 C>T
AF=0.37 DR2=0.9 r=+0.236 H=0.168 F=14.2



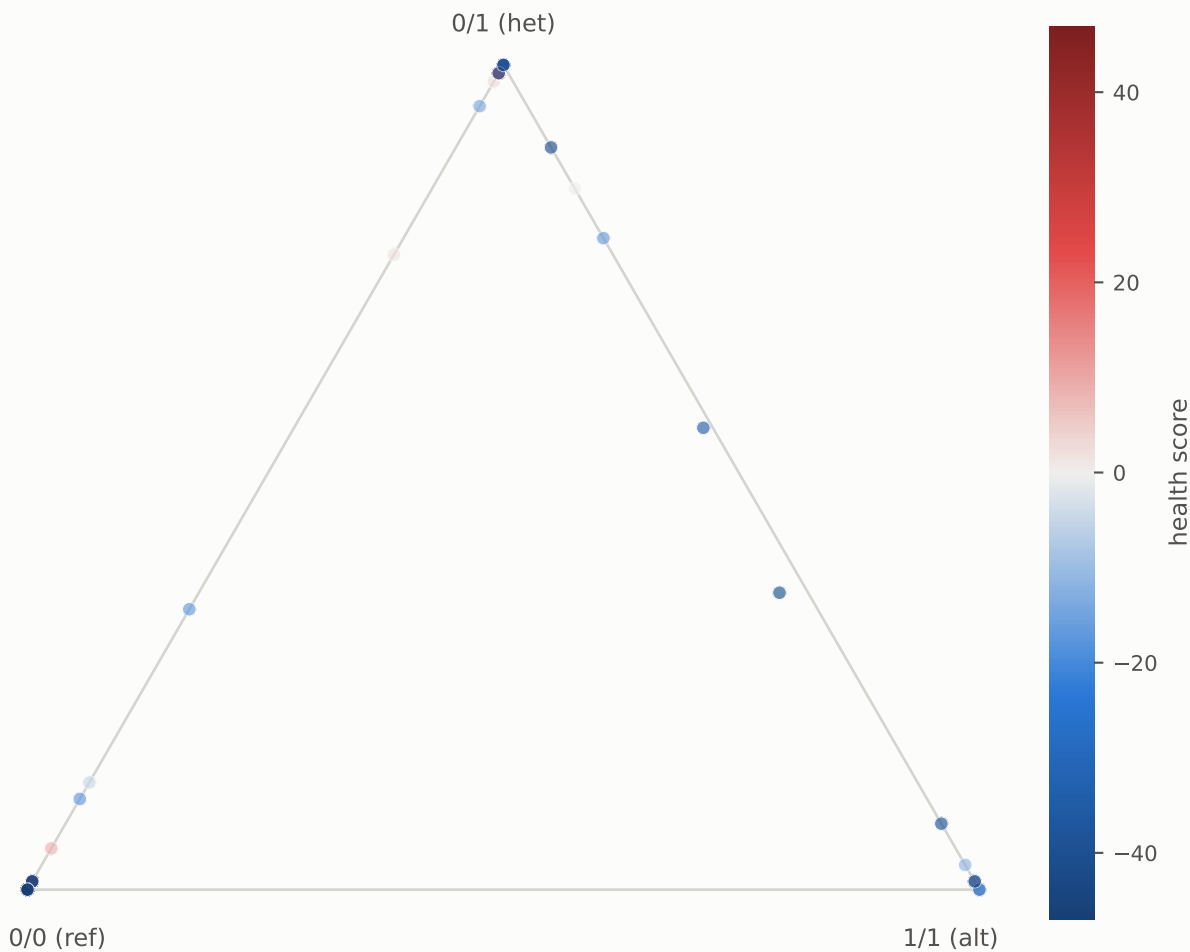
#9 by health association unpl-scaff_124:19,760 G>C
AF=0.048 DR2=0.93 $r=-0.236$ $H=0.023$ $F=20.5$



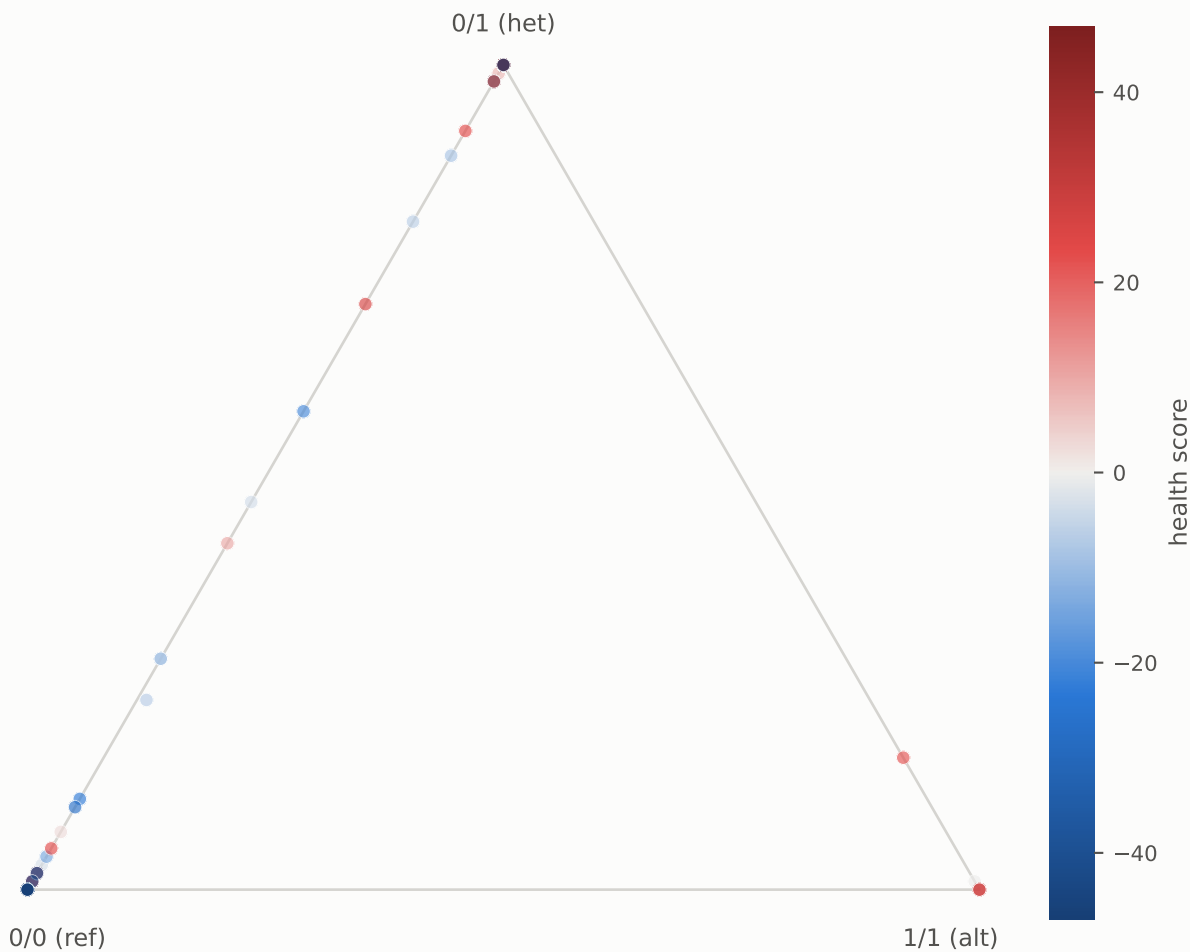
#10 by health association CHR_13:23,002,425 G>A
AF=0.19 DR2=0.94 $r=-0.236$ H=0.080 F=14.2



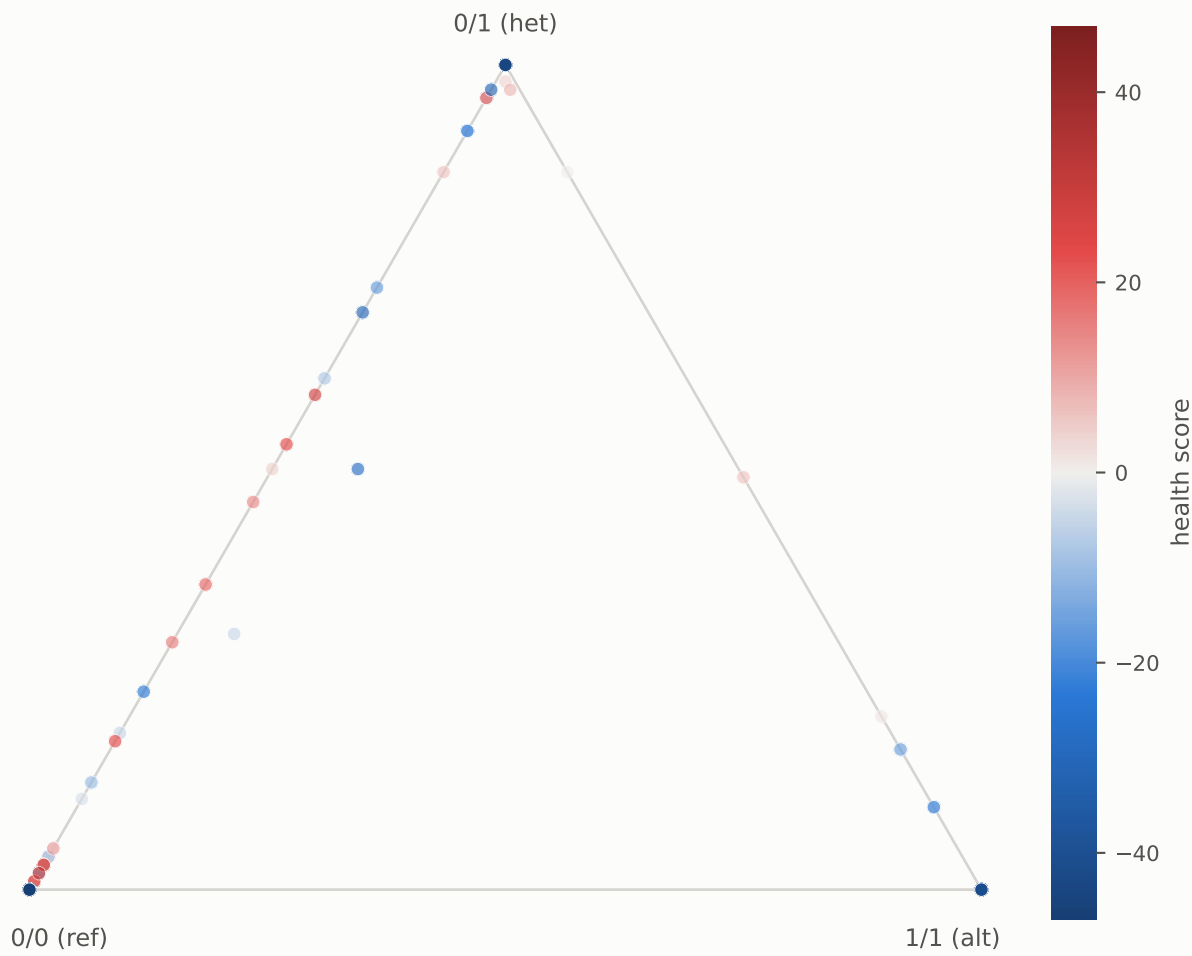
#11 by health association unpl-scaff_015:21,500 G>A
AF=0.037 DR2=0.93 r=-0.236 H=0.015 F=12.9



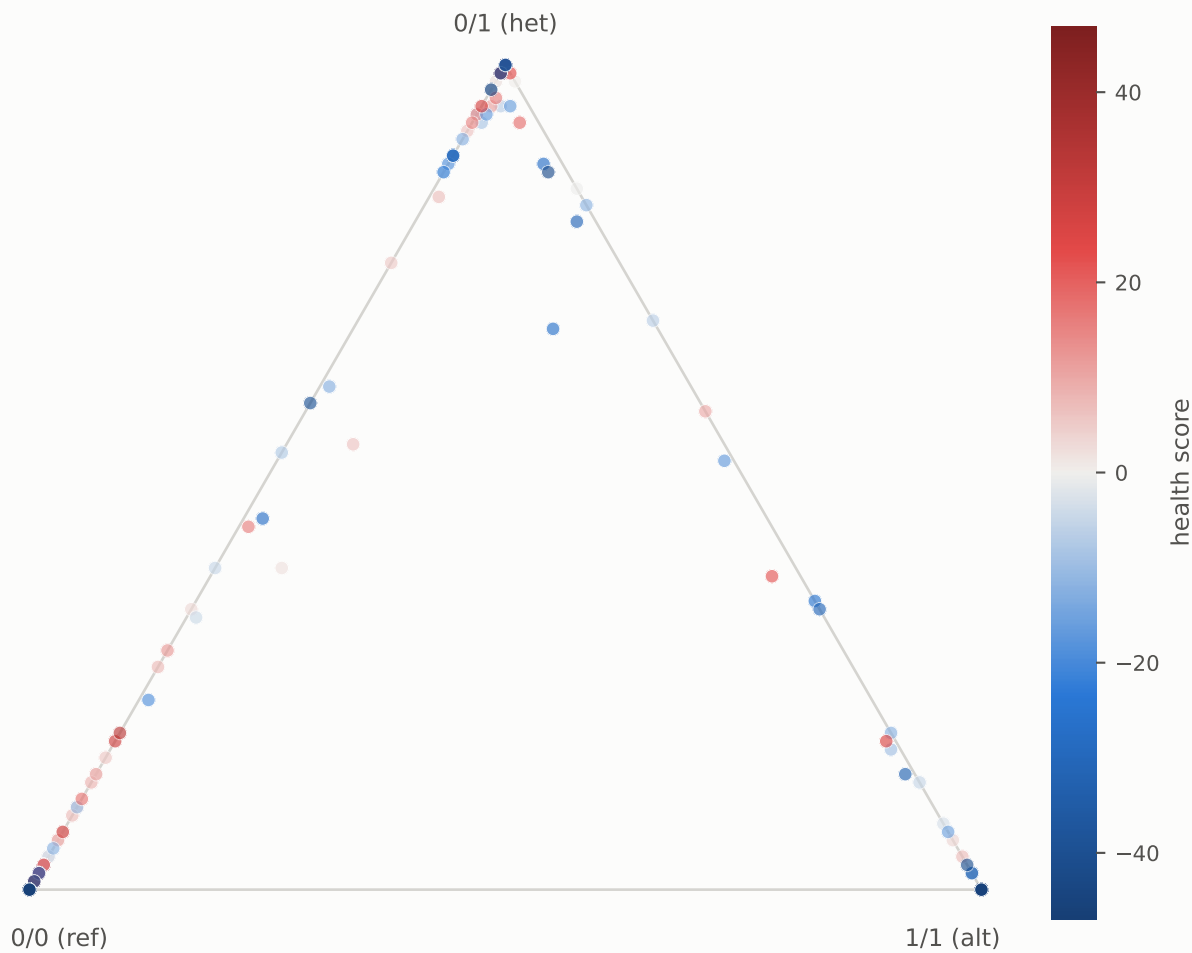
#12 by health association CHR_04:41,247,752 G>T
AF=0.072 DR2=0.95 $r=+0.235$ H=0.019 F=20.6



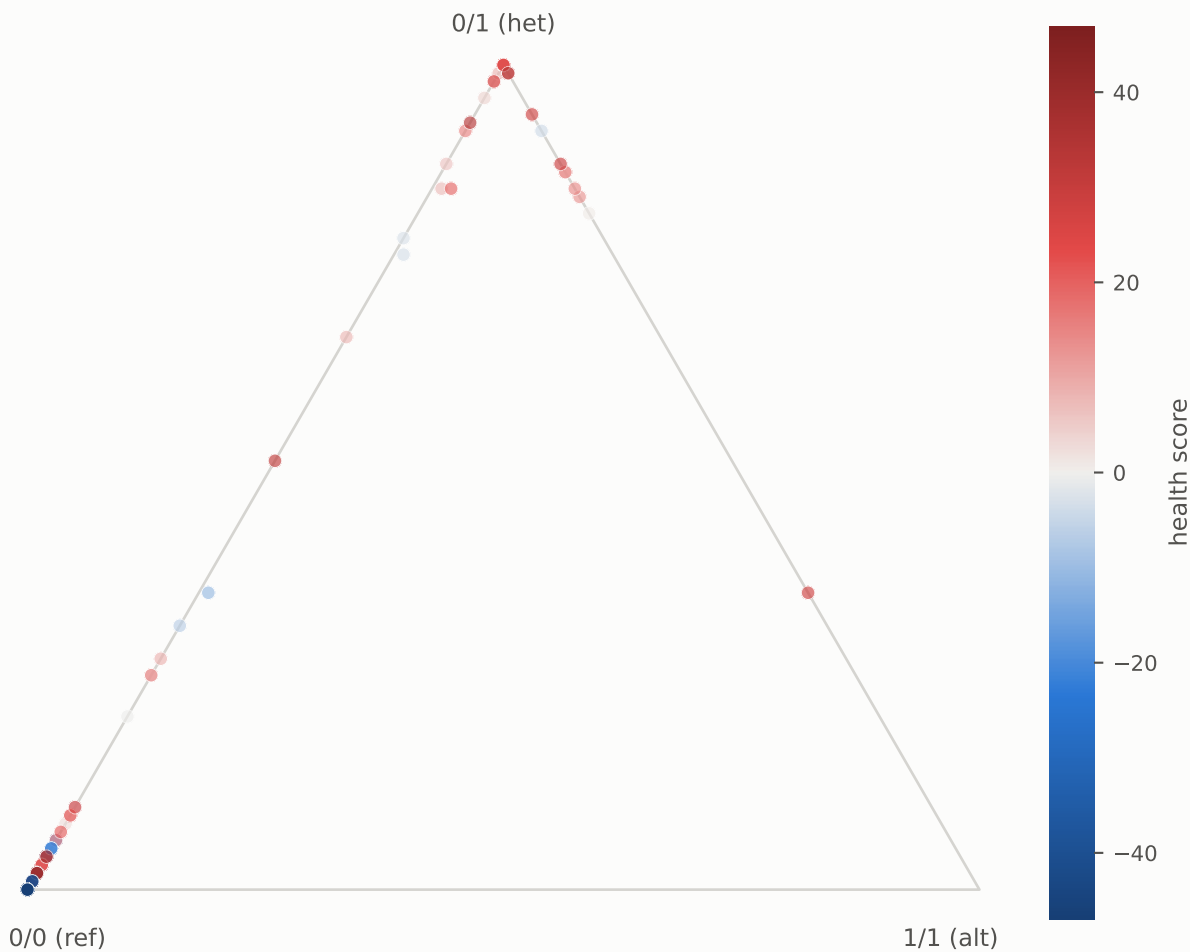
#13 by health association CHR_19:4,917,296 C>T
AF=0.15 DR2=0.95 $r=-0.235$ $\bar{H}=0.036$ $F=13.9$



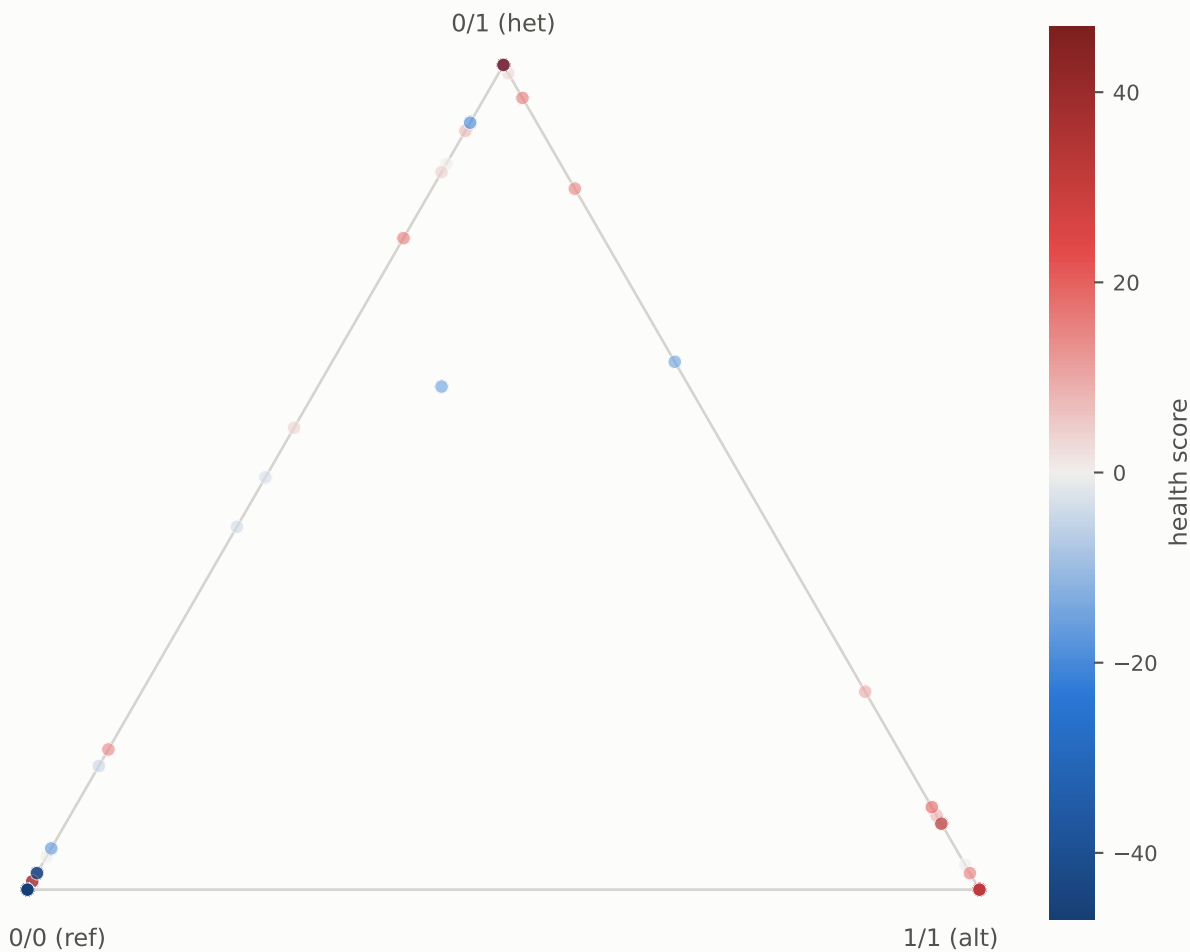
#14 by health association CHR_13:23,002,313 A>C
AF=0.21 DR2=0.95 $r=-0.233$ H=0.078 F=13.6



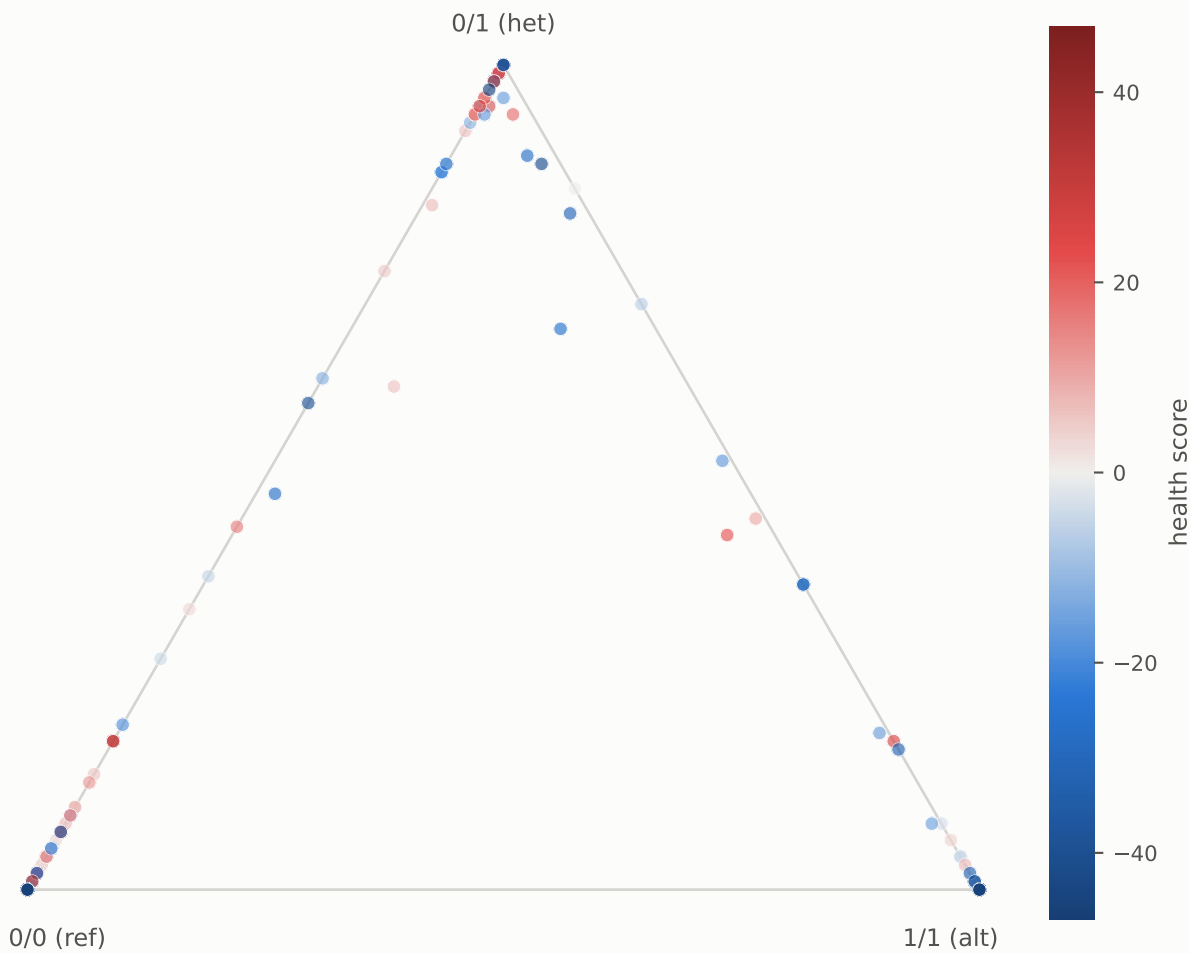
#15 by health association CHR_21:23,436,764 C>T
AF=0.028 DR2=0.81 $r=+0.233$ H=0.052 F=22.1



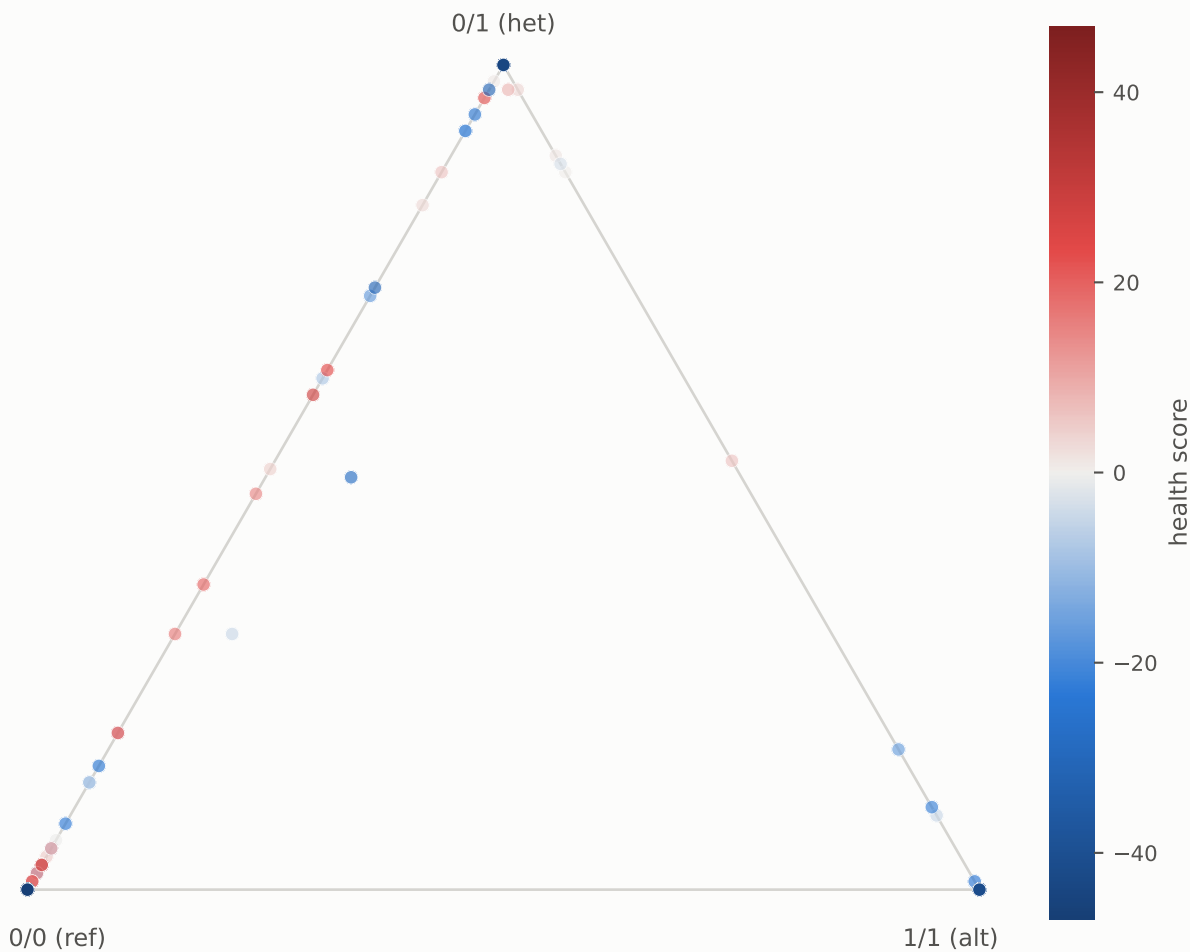
#16 by health association CHR_14:17,029,581 G>A
AF=0.16 DR2=0.98 $r=+0.231$ H=0.022 F=13.2



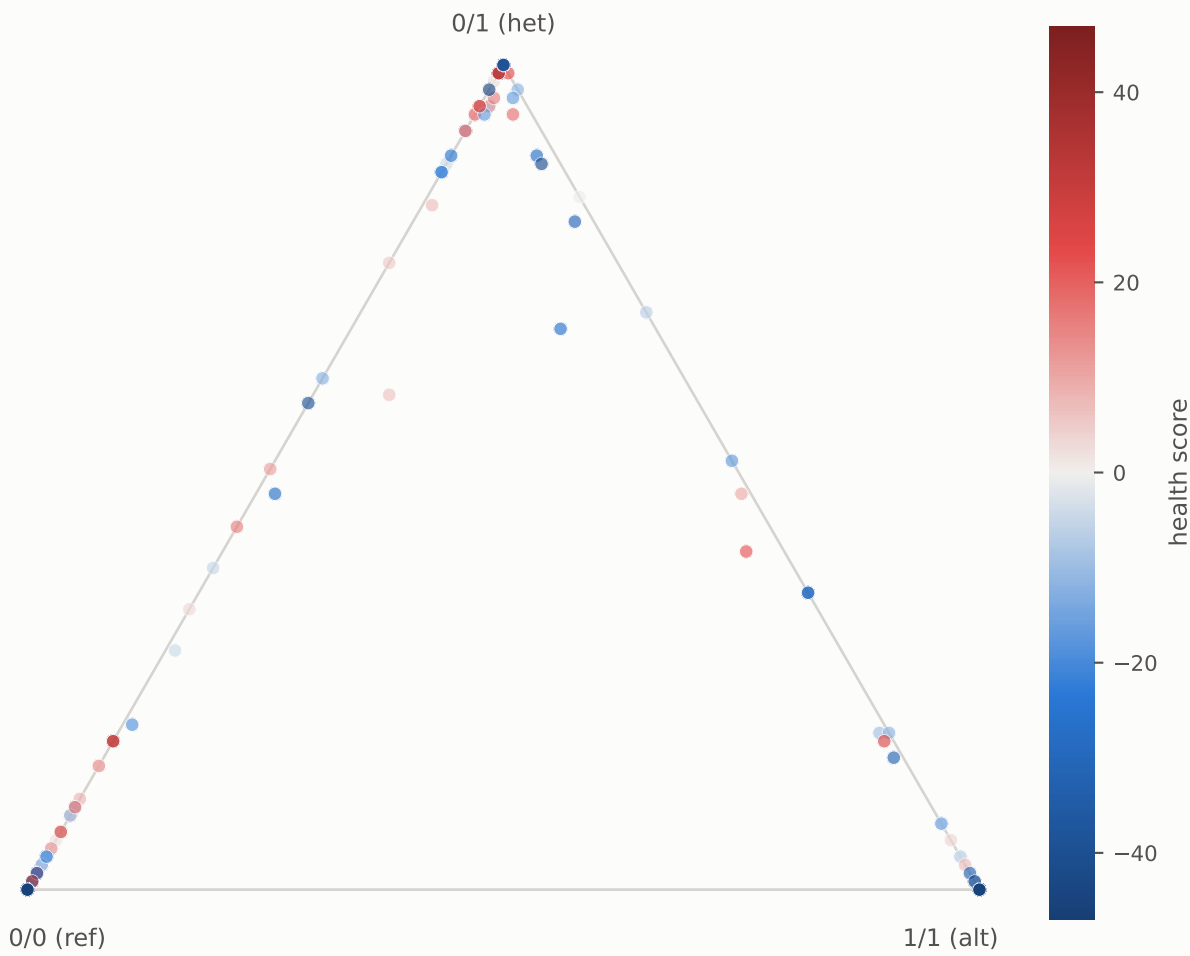
#17 by health association CHR_13:23,002,381 C>T
AF=0.2 DR2=0.95 $r=-0.230$ $H=0.067$ $F=12.4$



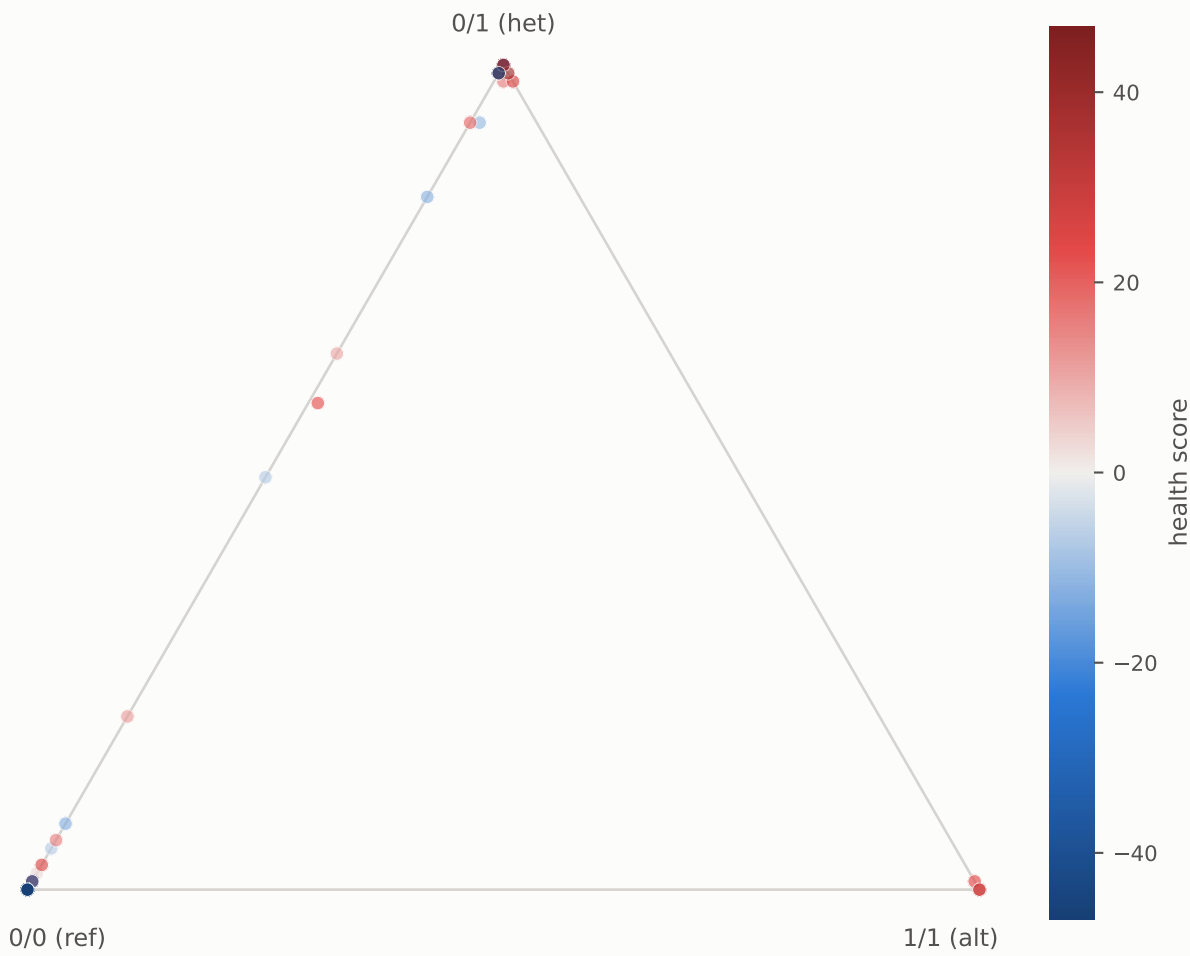
#18 by health association CHR_19:4,917,288 G>A
AF=0.16 DR2=0.95 $r=-0.230$ $H=0.039$ $F=14.0$



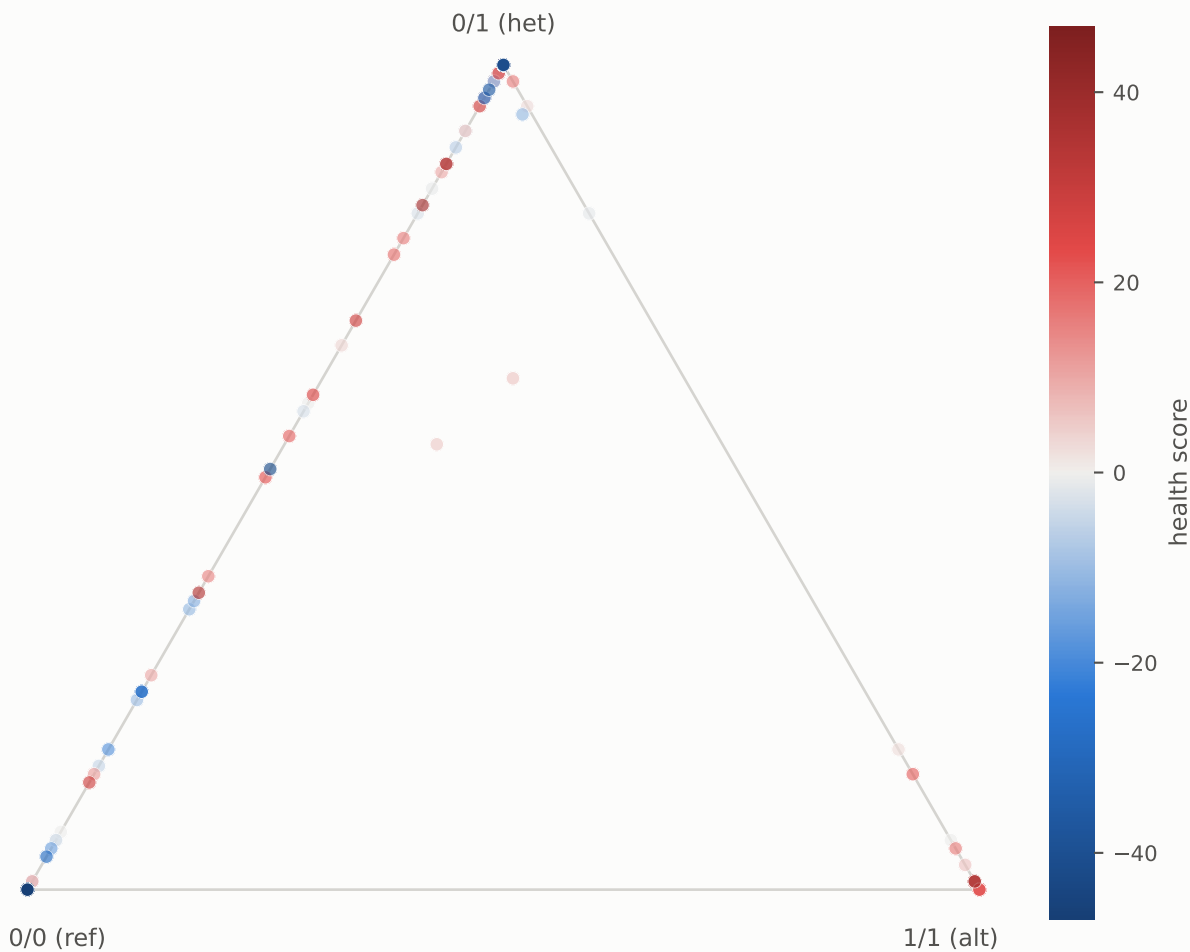
#19 by health association CHR_13:23,002,361 G>A
AF=0.2 DR2=0.95 r=-0.230 H=0.070 F=12.2



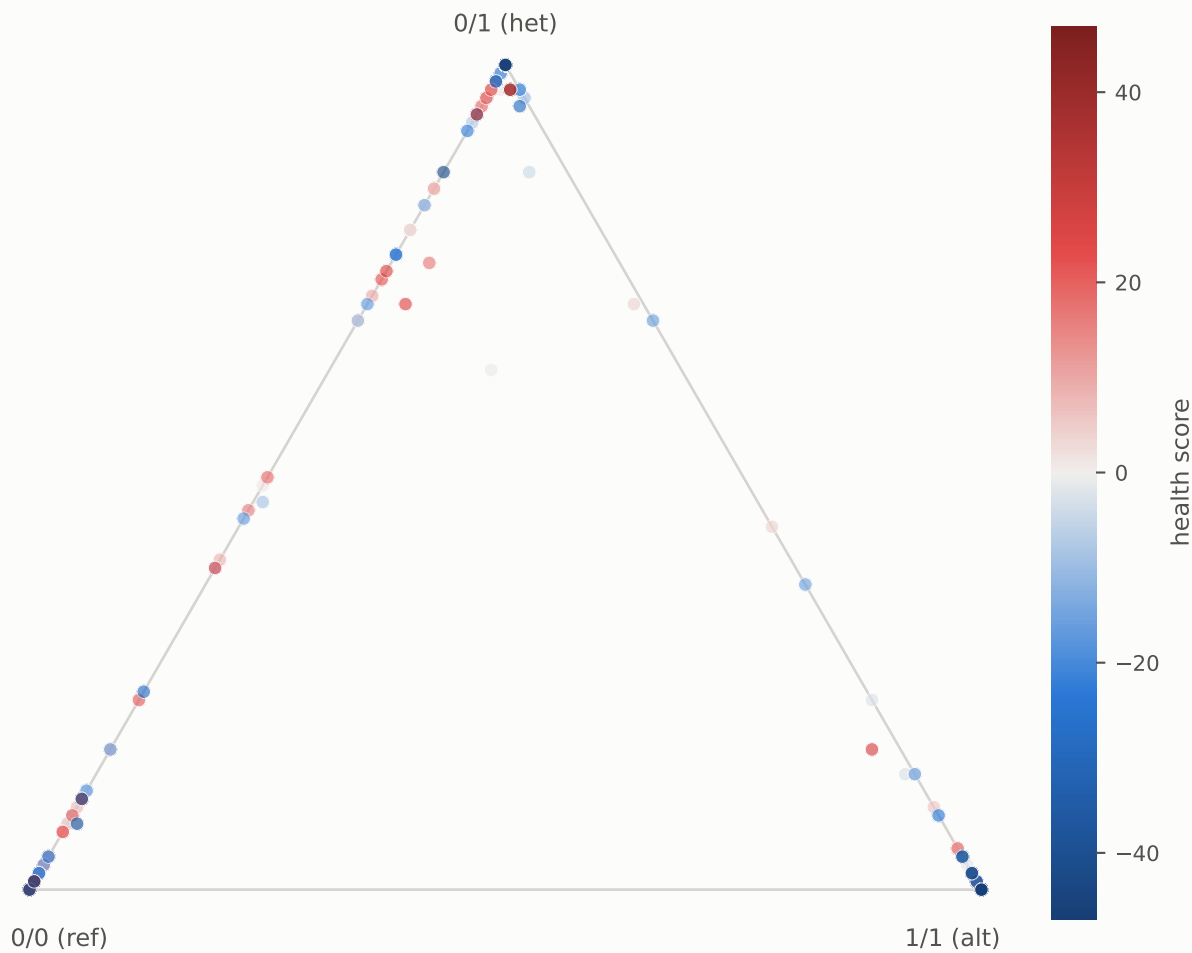
#20 by health association CHR_04:41,241,237 T>A
AF=0.078 DR2=0.97 r=+0.230 H=0.013 F=19.8



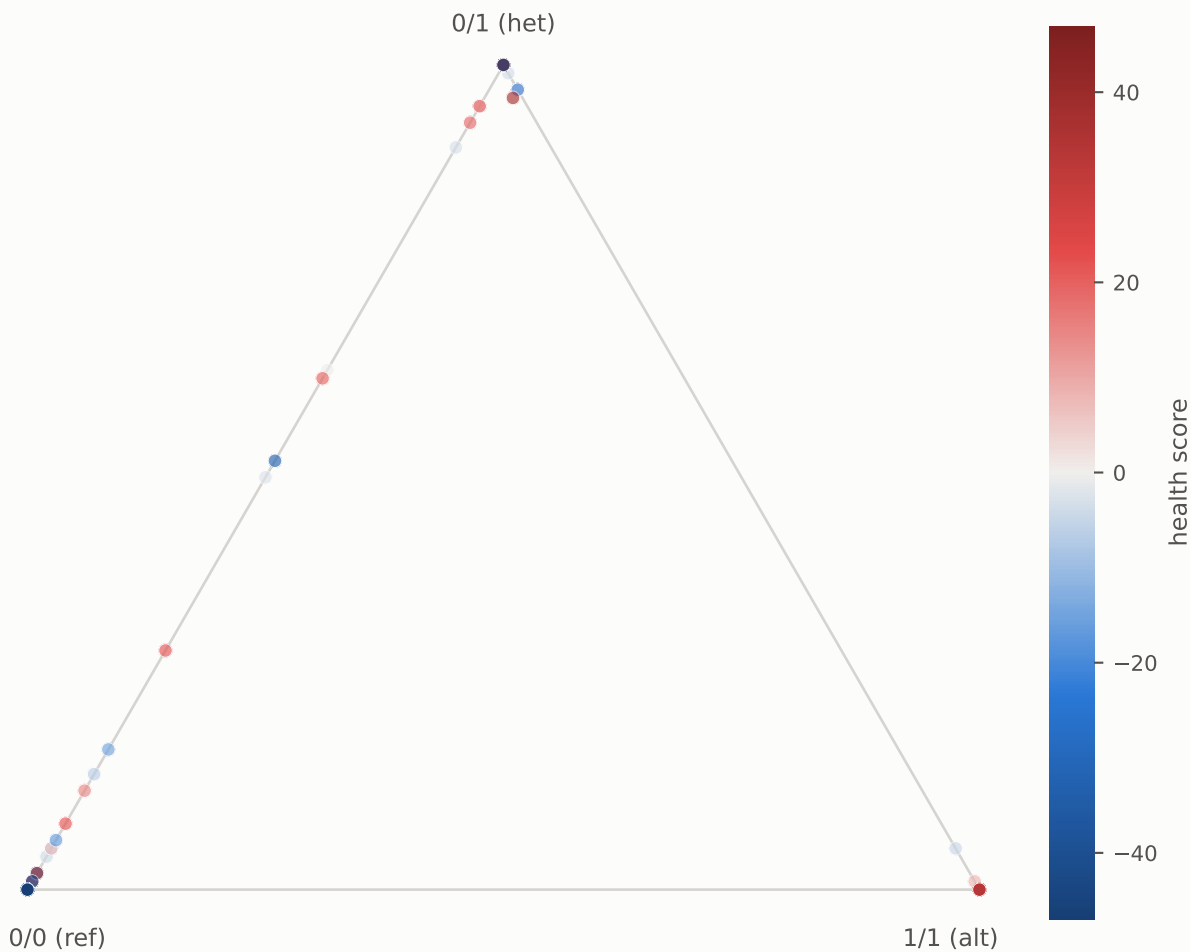
#21 by health association CHR_01:42,424,326 G>A
AF=0.21 DR2=0.95 r=+0.230 H=0.052 F=12.5



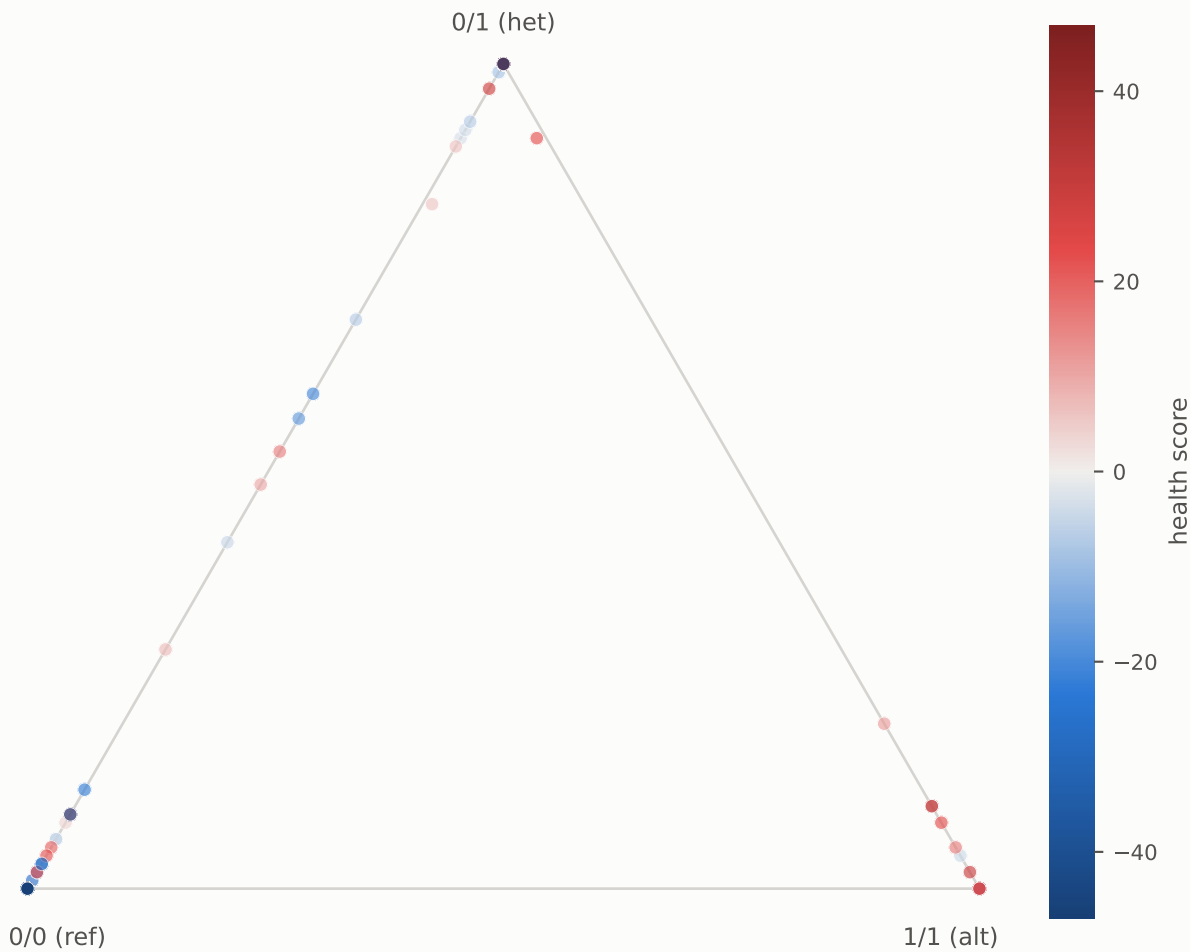
#22 by health association CHR_05:29,917,393 C>A
AF=0.26 DR2=0.94 $r=-0.230$ H=0.086 F=11.9



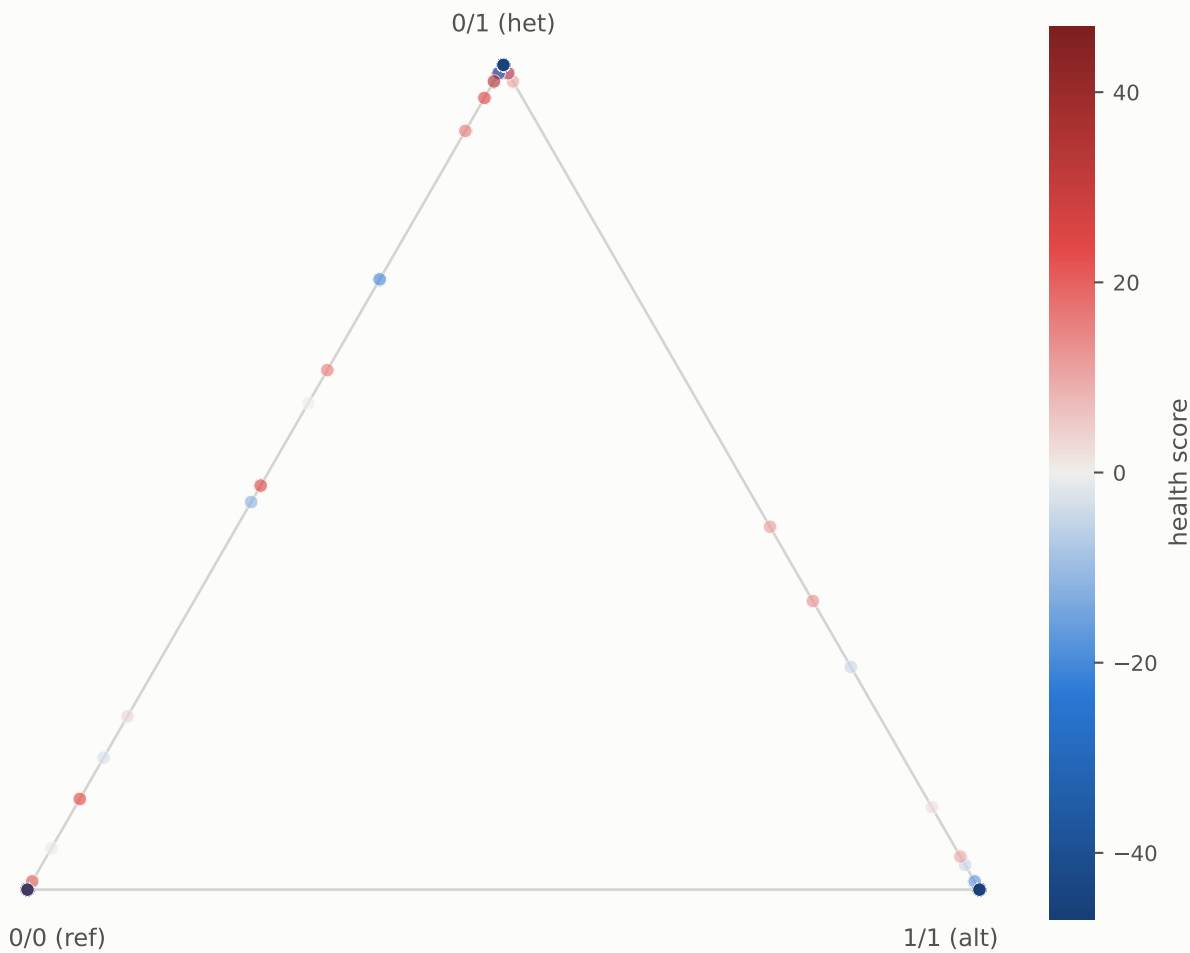
#23 by health association CHR_14:17,032,071 G>A
AF=0.15 DR2=0.97 r=+0.230 H=0.018 F=12.0



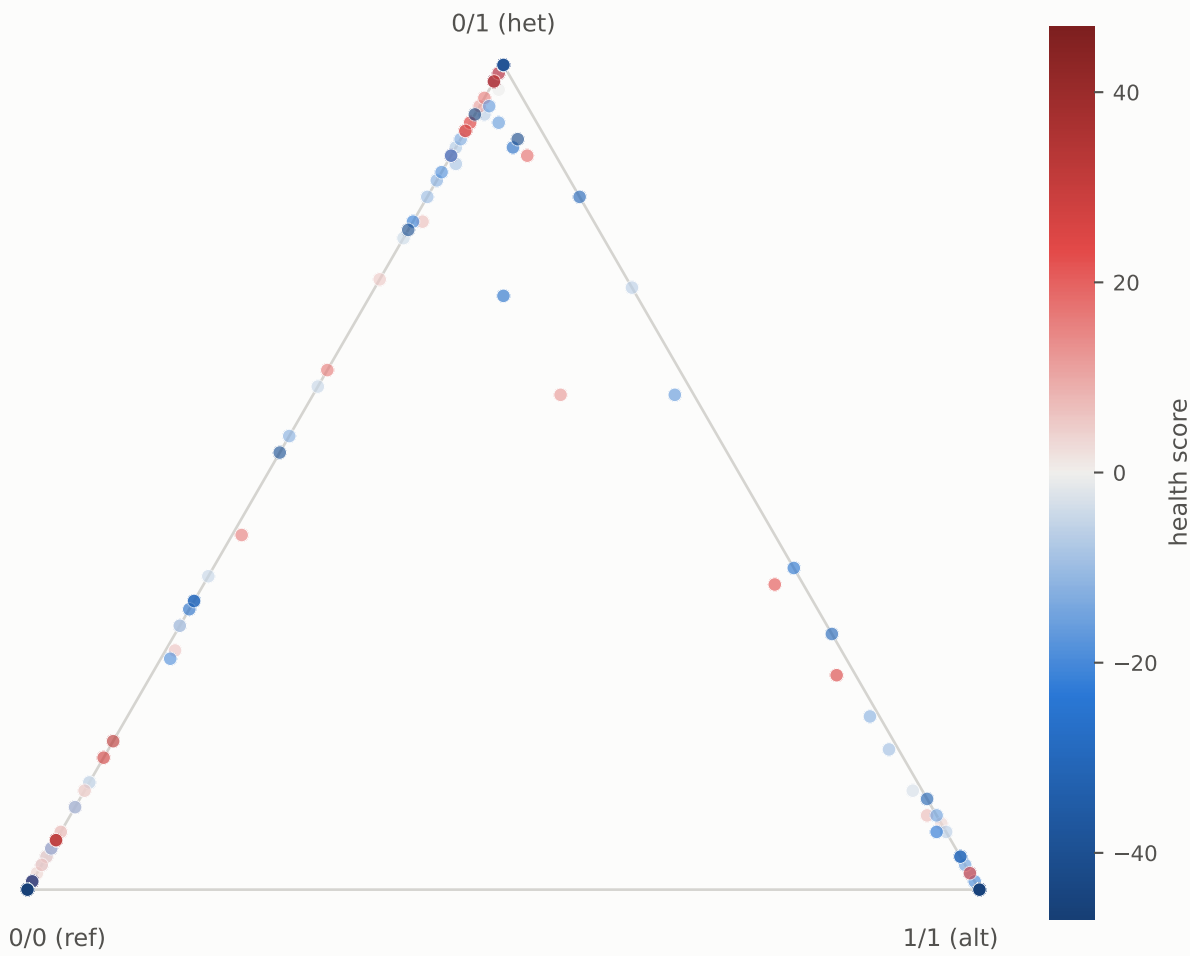
#24 by health association CHR_22:4,061,967 G>T
AF=0.13 DR2=0.96 r=+0.229 H=0.026 F=11.9



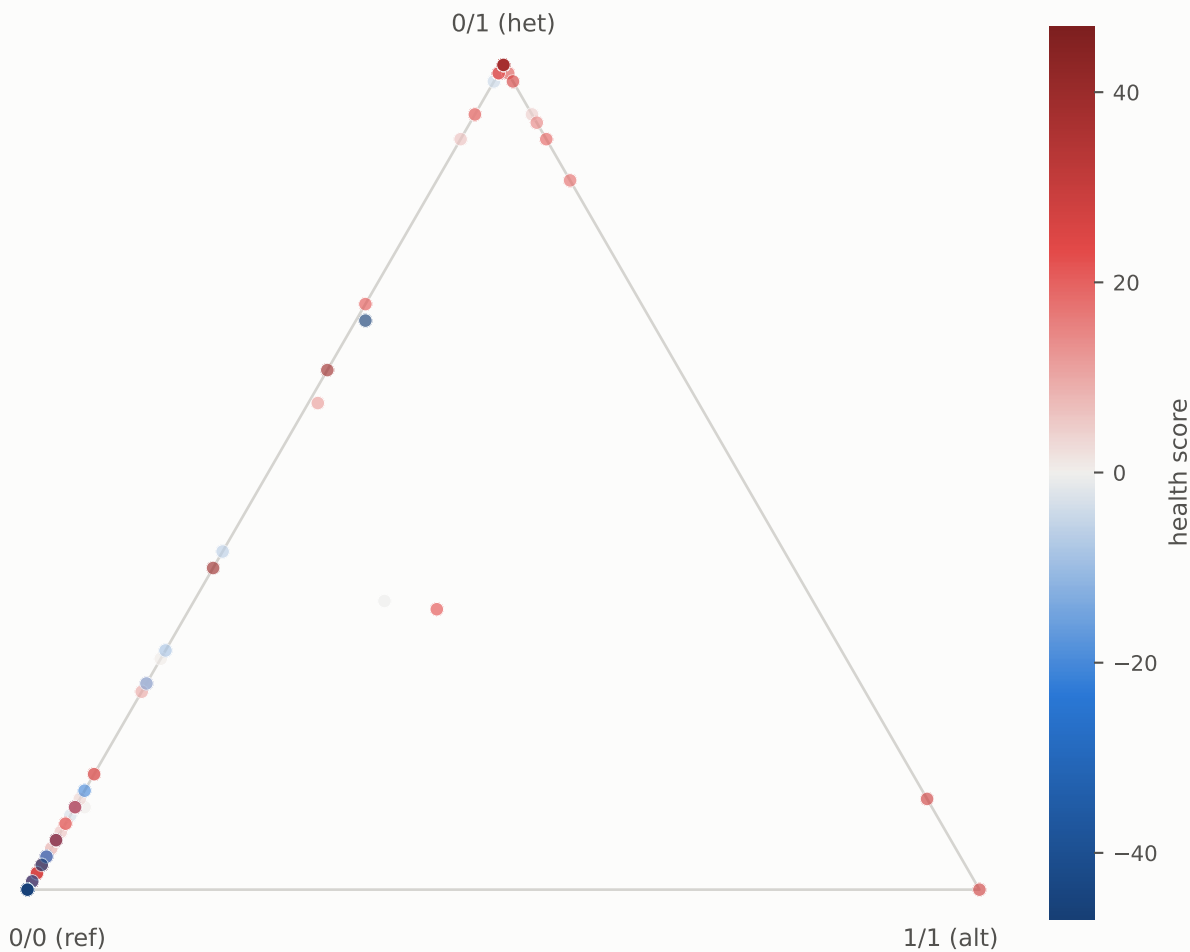
#25 by health association CHR_13:9,260,643 A>G
AF=0.42 DR2=0.98 r=-0.229 H=0.019 F=12.7



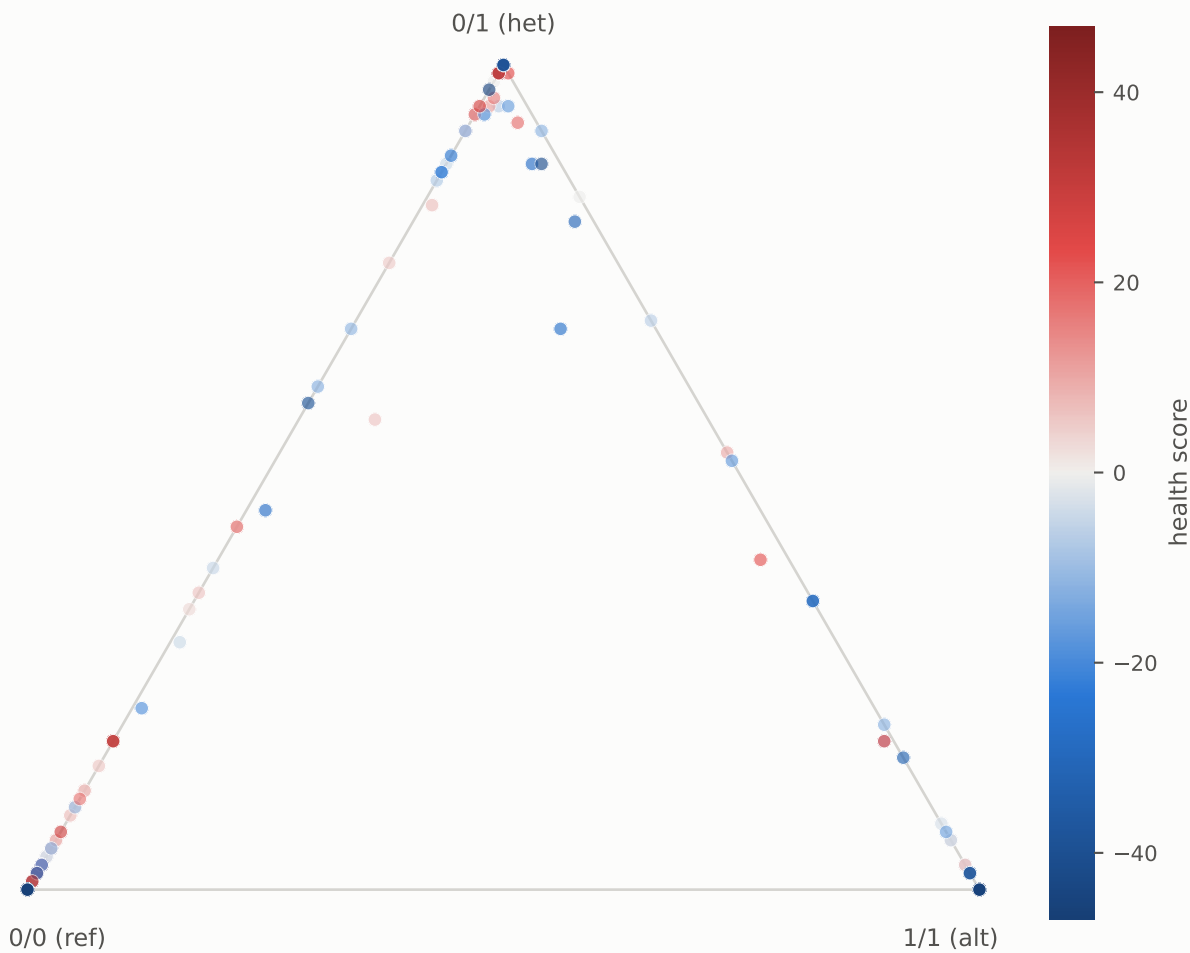
#26 by health association CHR_13:23,002,103 A>G
AF=0.19 DR2=0.94 $r=-0.229$ H=0.081 F=12.5



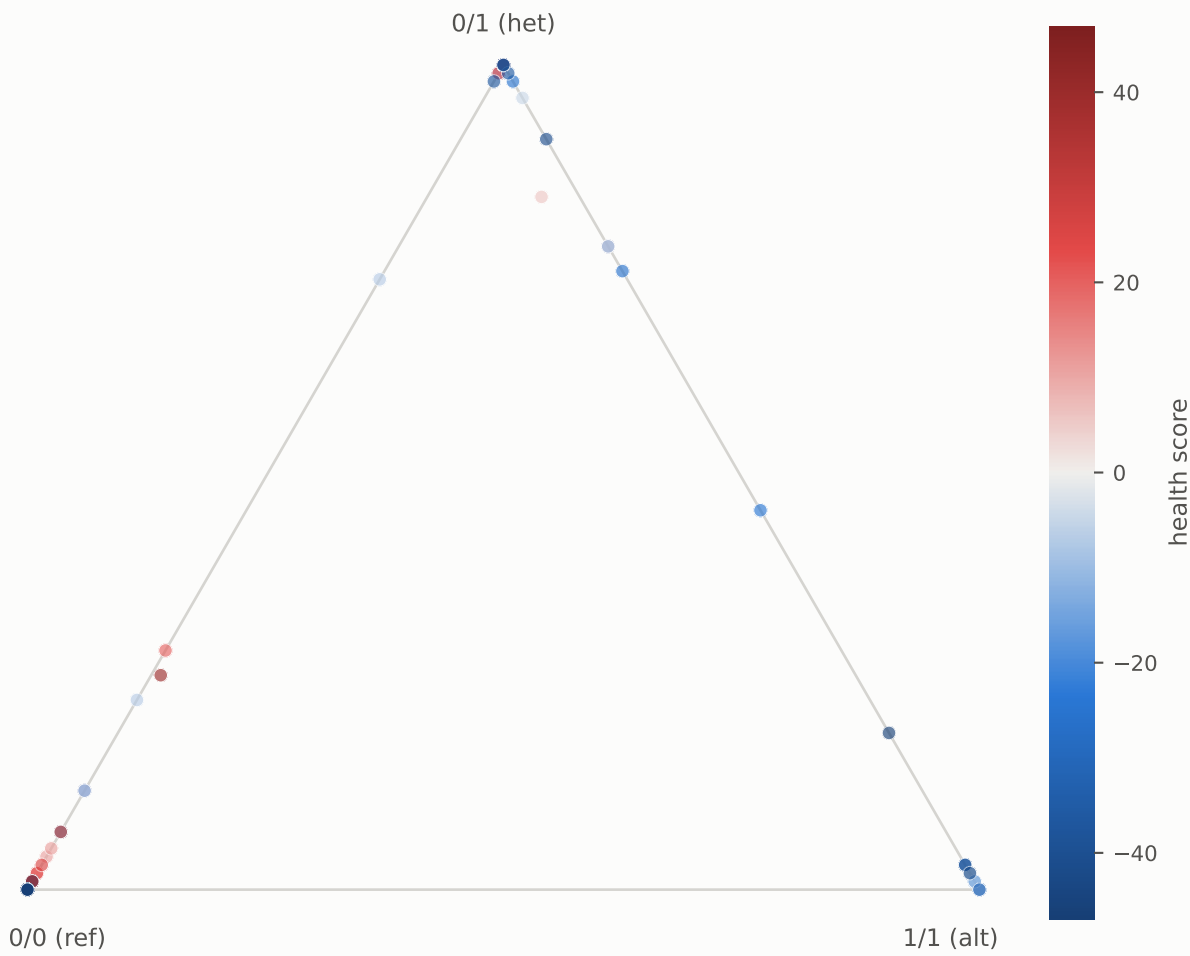
#27 by health association CHR_04:41,249,135 G>A
AF=0.058 DR2=0.84 $r=+0.229$ H=0.052 F=16.3



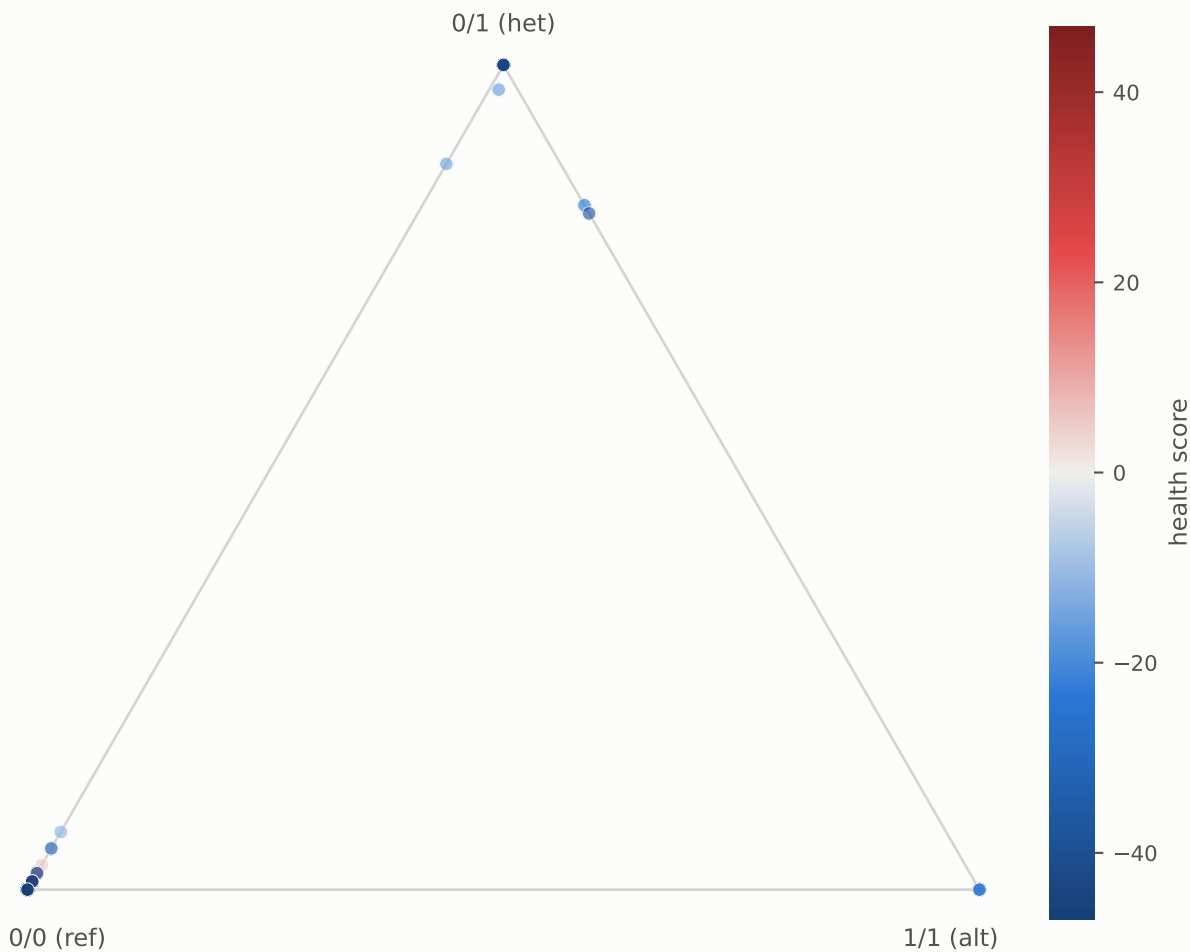
#28 by health association CHR_13:23,002,336 G>C
AF=0.21 DR2=0.95 $r=-0.228$ H=0.073 F=12.8



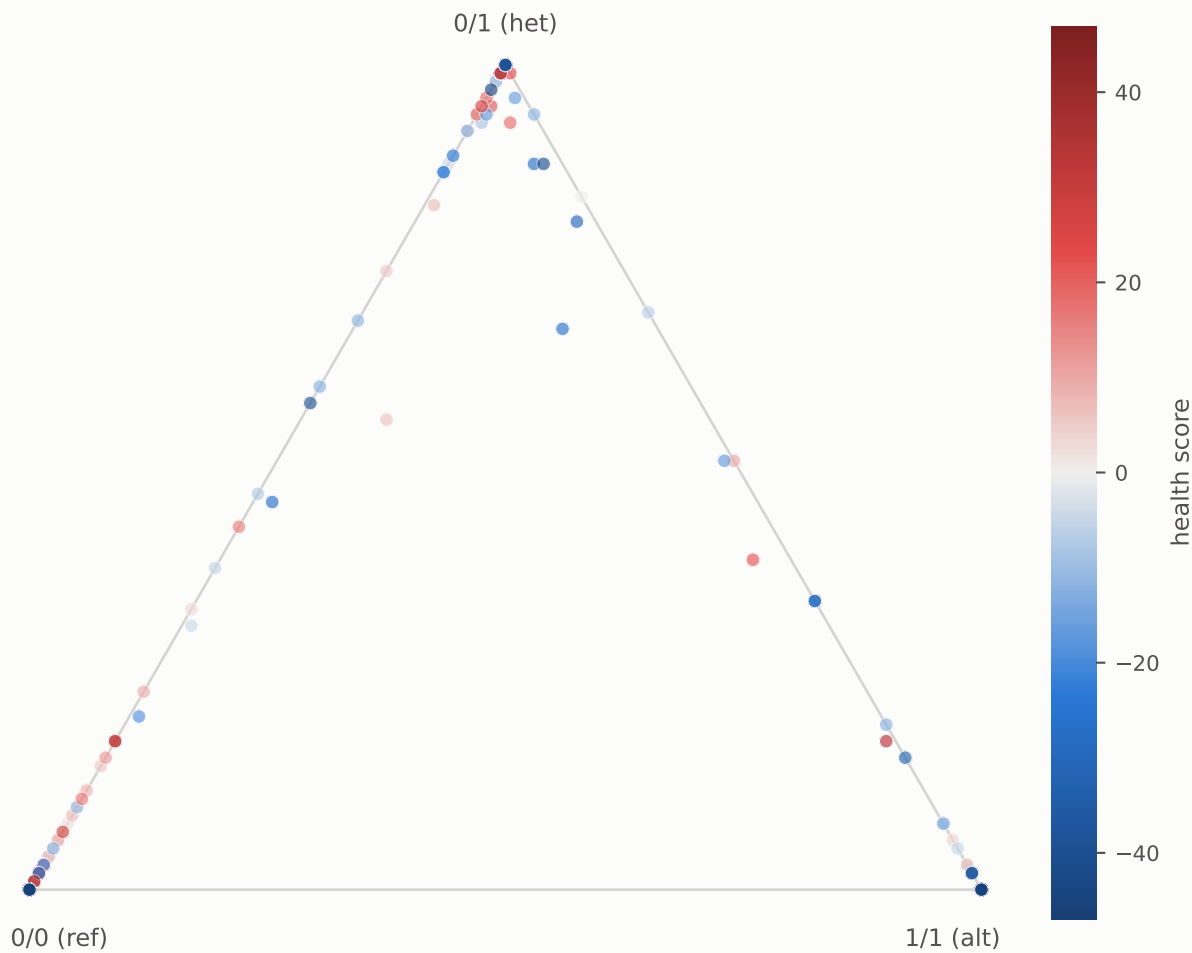
#29 by health association CHR_10:9,338,229 C>T
AF=0.082 DR2=0.96 r=-0.228 H=0.024 F=13.6



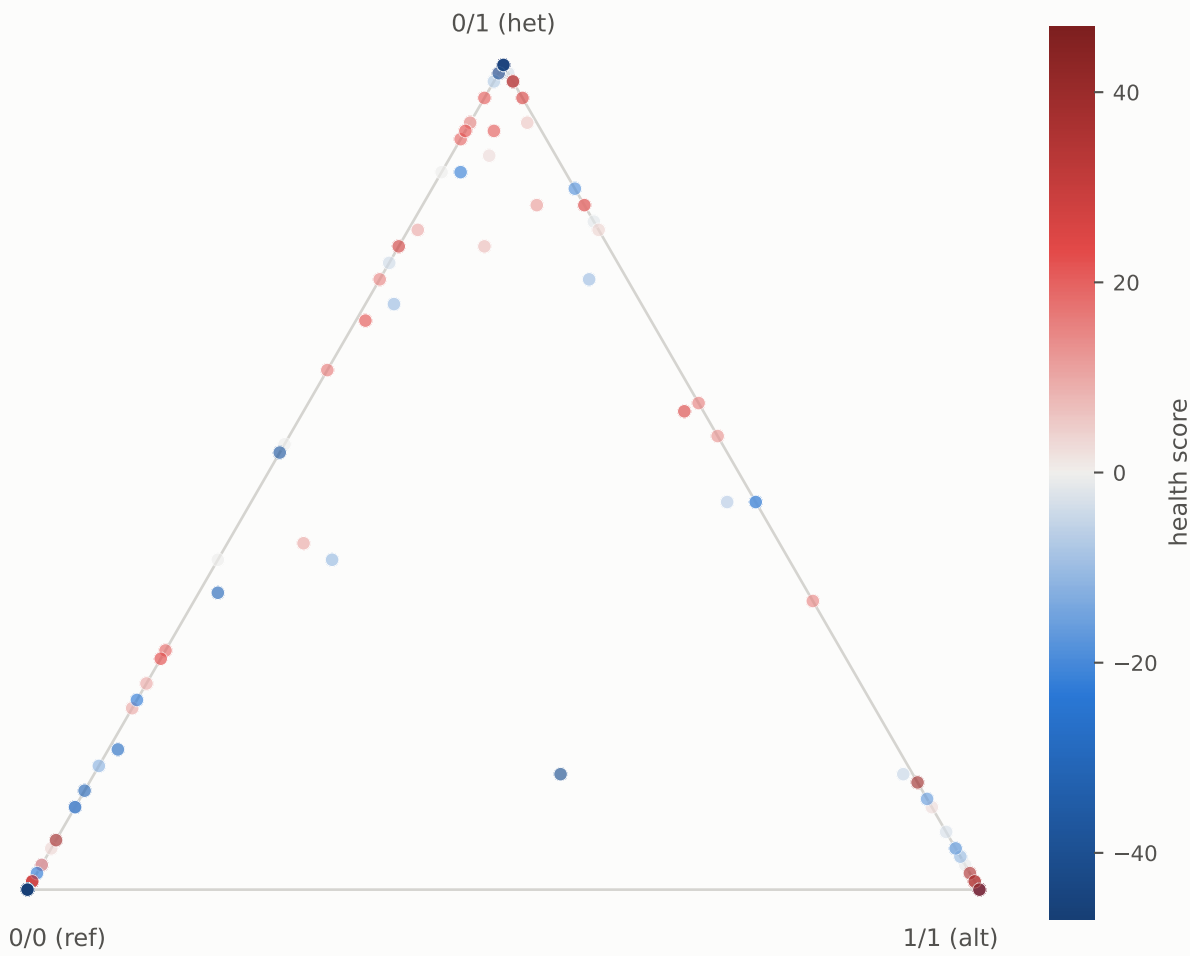
#30 by health association CHR_21:22,010,469 A>T
AF=0.021 DR2=0.92 r=-0.228 H=0.017 F=23.4



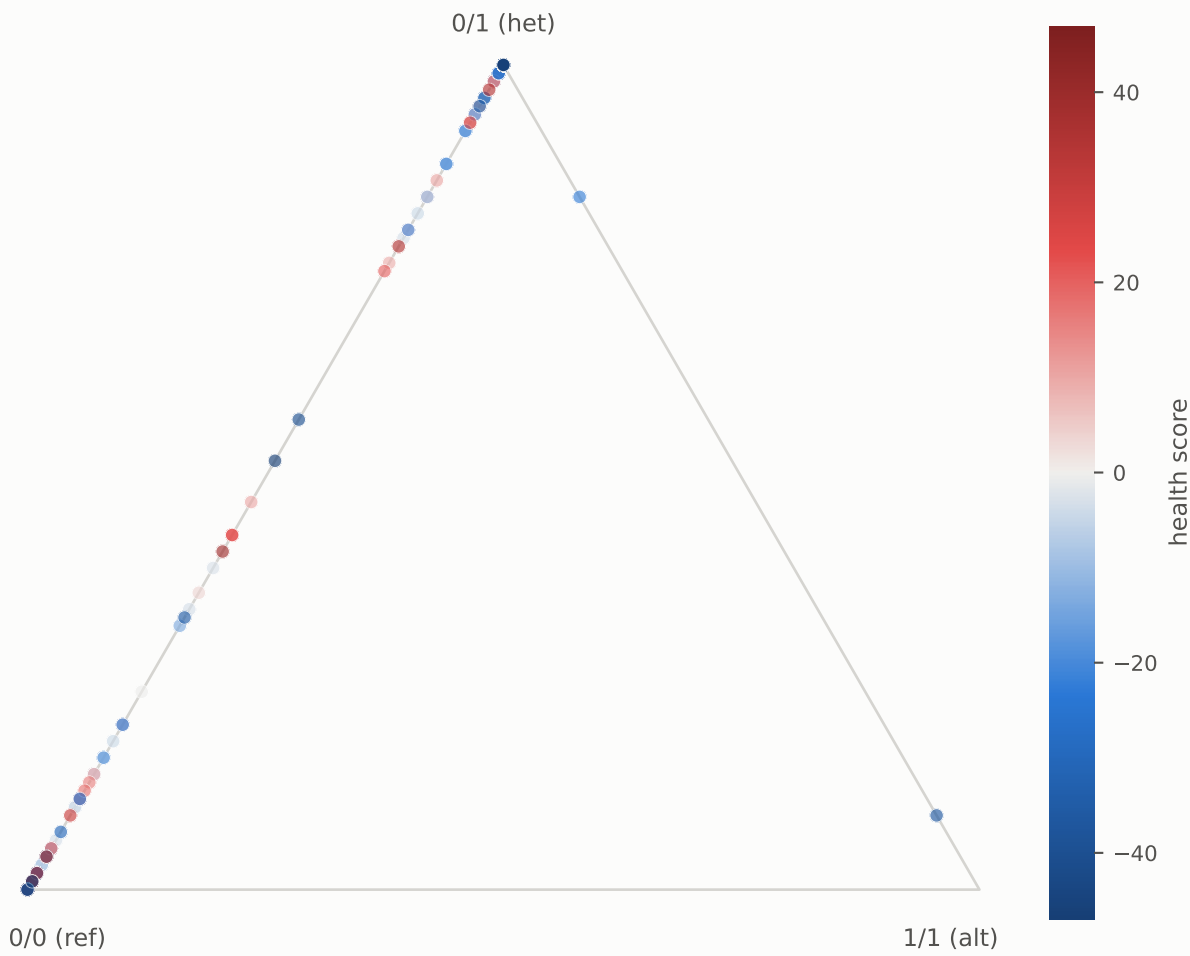
#31 by health association CHR_13:23,002,340 T>A
AF=0.21 DR2=0.95 $r=-0.227$ H=0.072 F=12.5



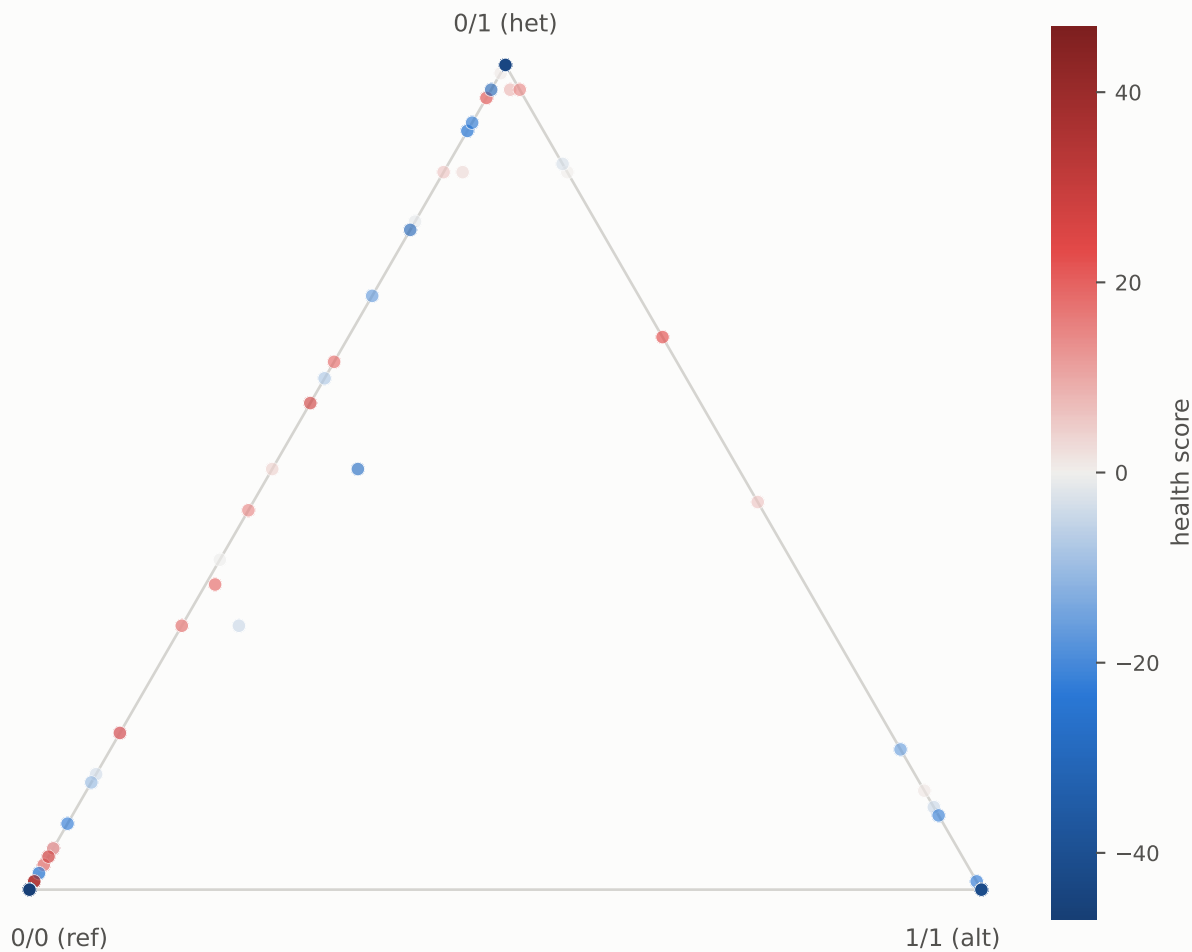
#32 by health association CHR_01:54,352,918 T>G
AF=0.31 DR2=0.93 $r=+0.227$ H=0.072 F=11.2



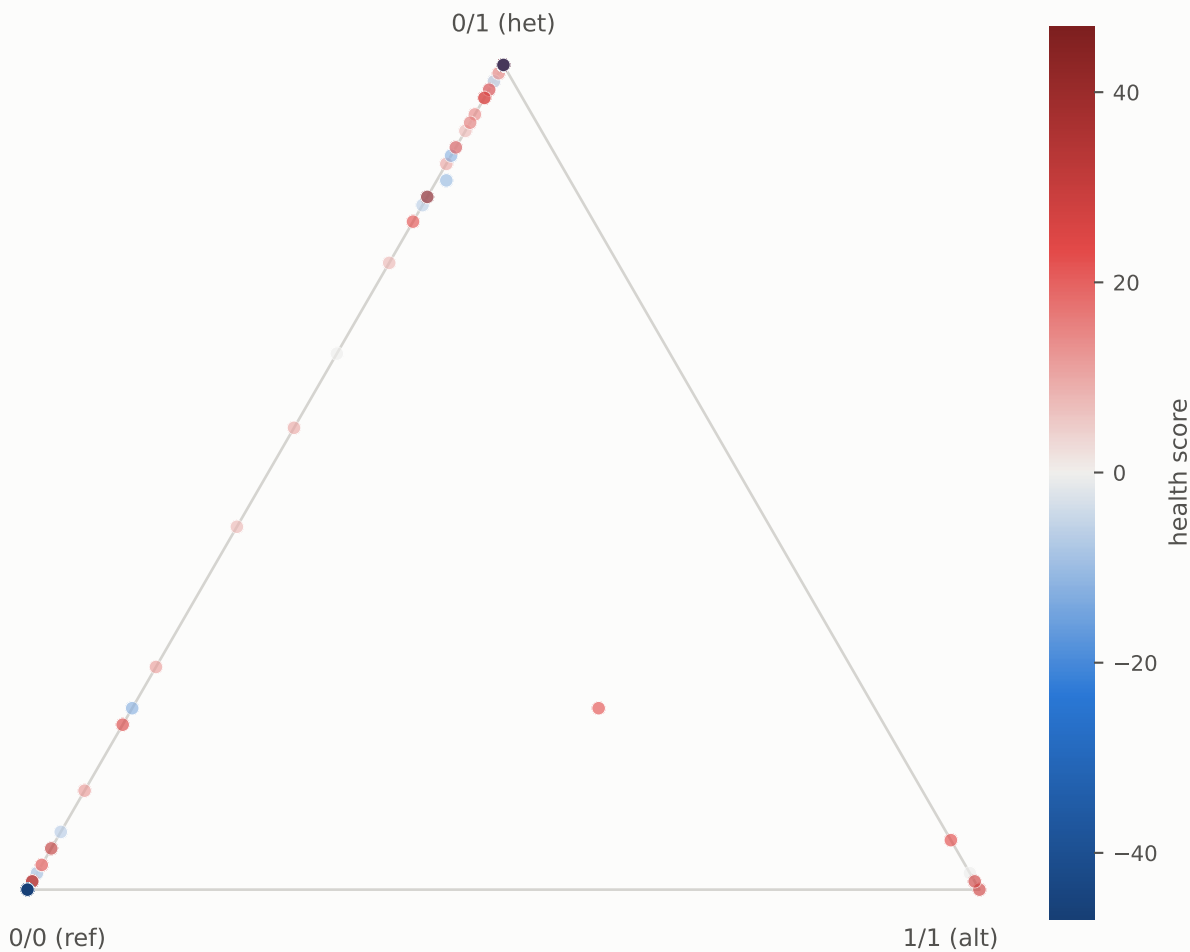
#33 by health association CHR_09:6,441,534 G>T
AF=0.19 DR2=0.91 $r=-0.226$ $H=0.070$ $F=22.7$



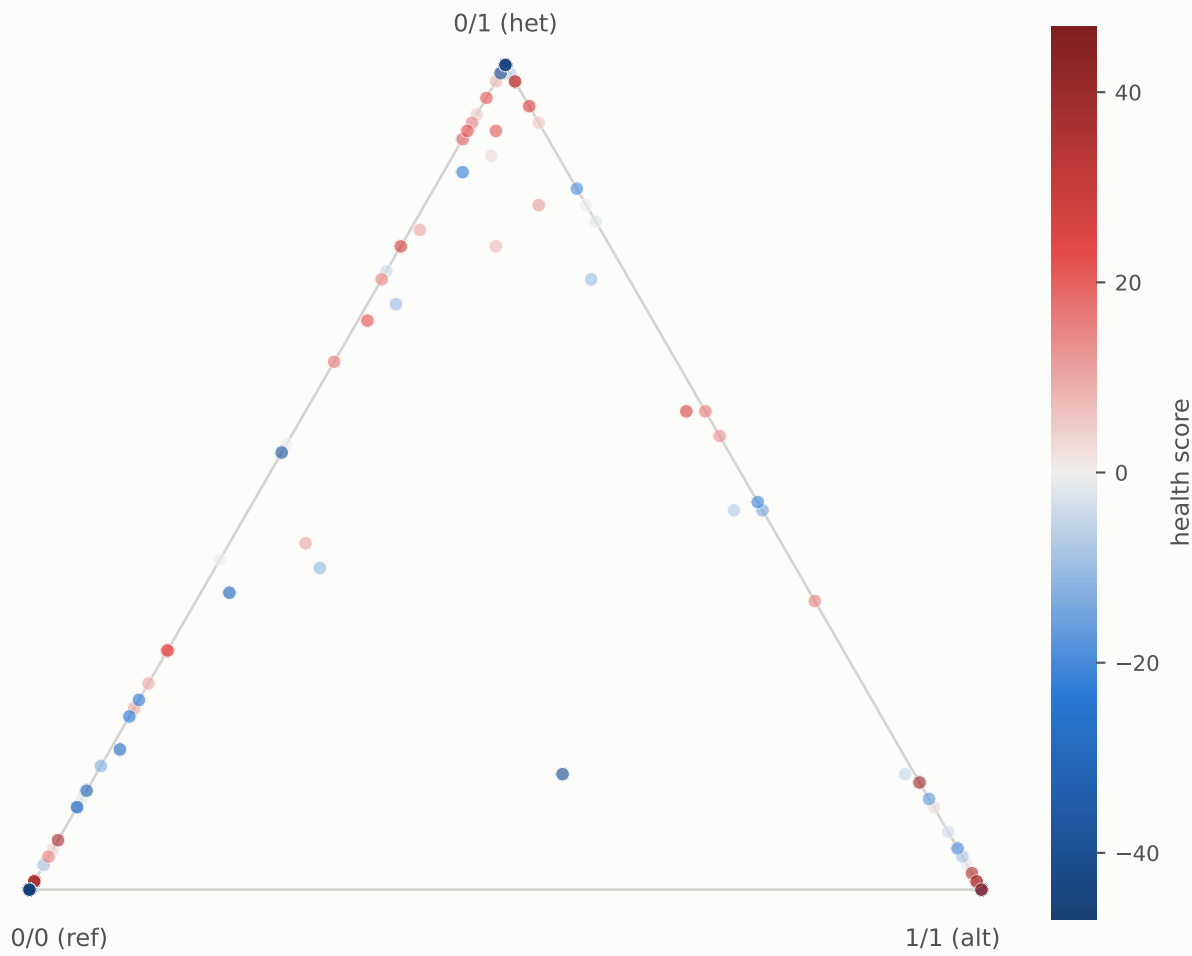
#34 by health association CHR_19:4,917,318 T>C
AF=0.18 DR2=0.94 $r=-0.226$ $H=0.044$ $F=13.9$



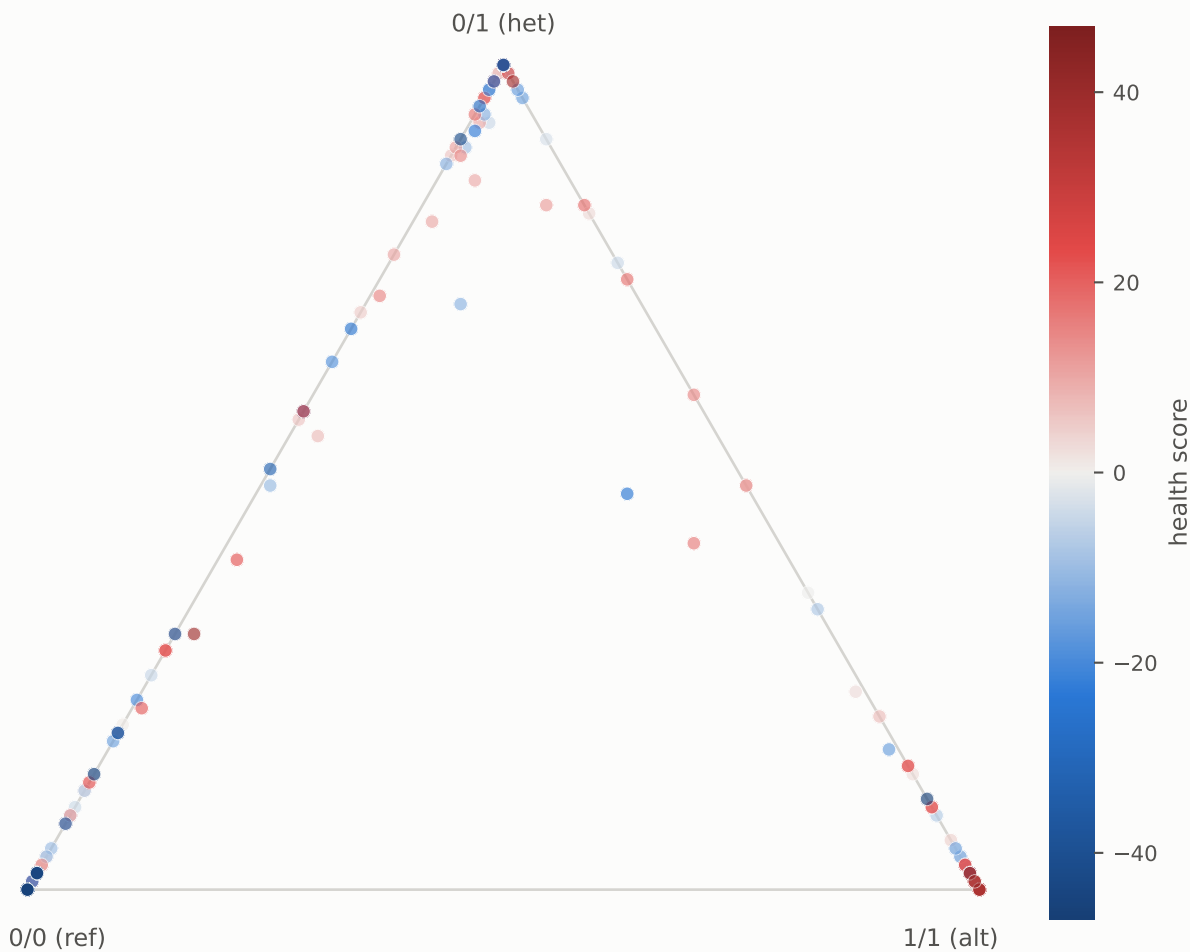
#35 by health association CHR_04:41,241,952 C>T
AF=0.075 DR2=0.94 $r=+0.226$ H=0.029 F=11.8



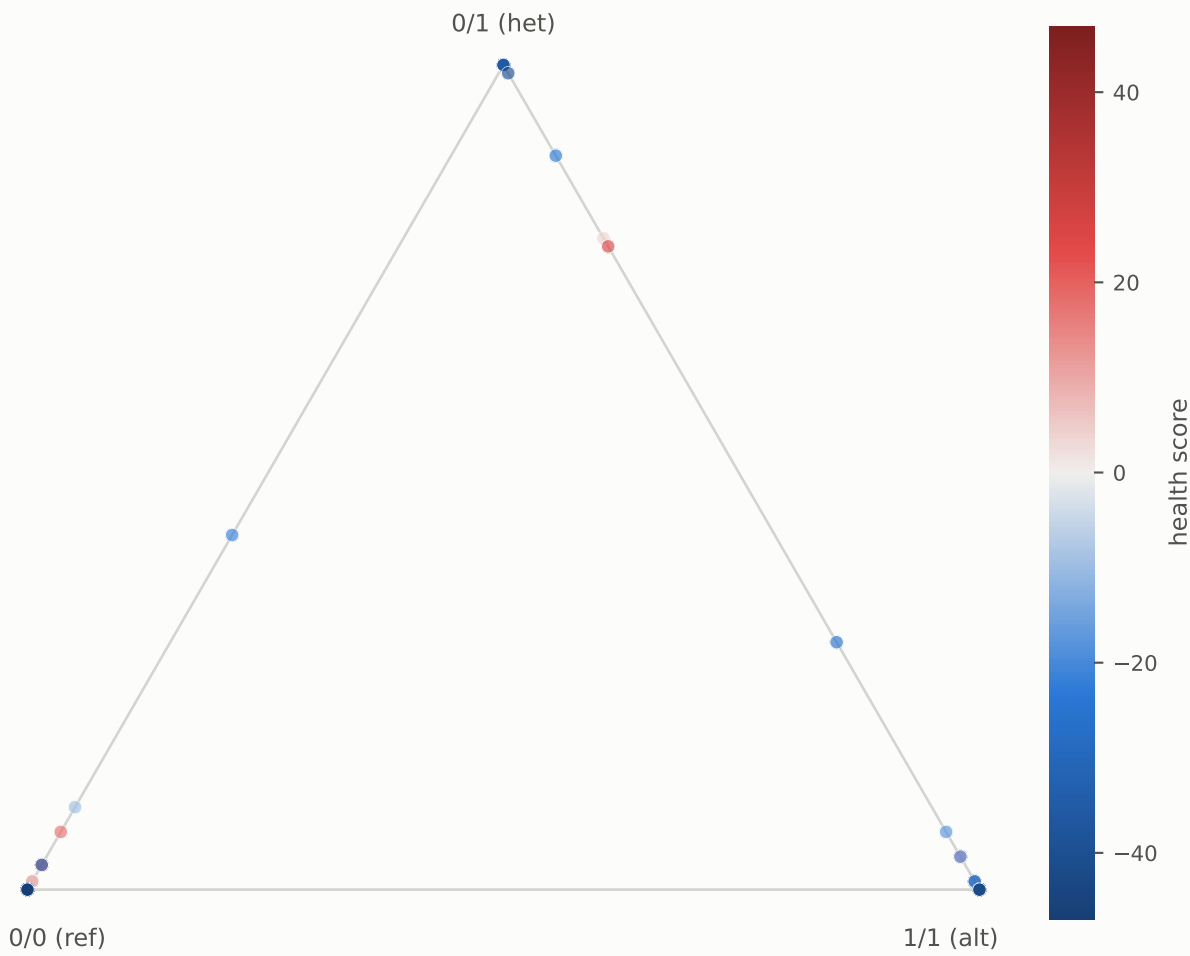
#36 by health association CHR_01:54,352,891 T>G
AF=0.31 DR2=0.93 $r=+0.226$ H=0.072 F=11.2



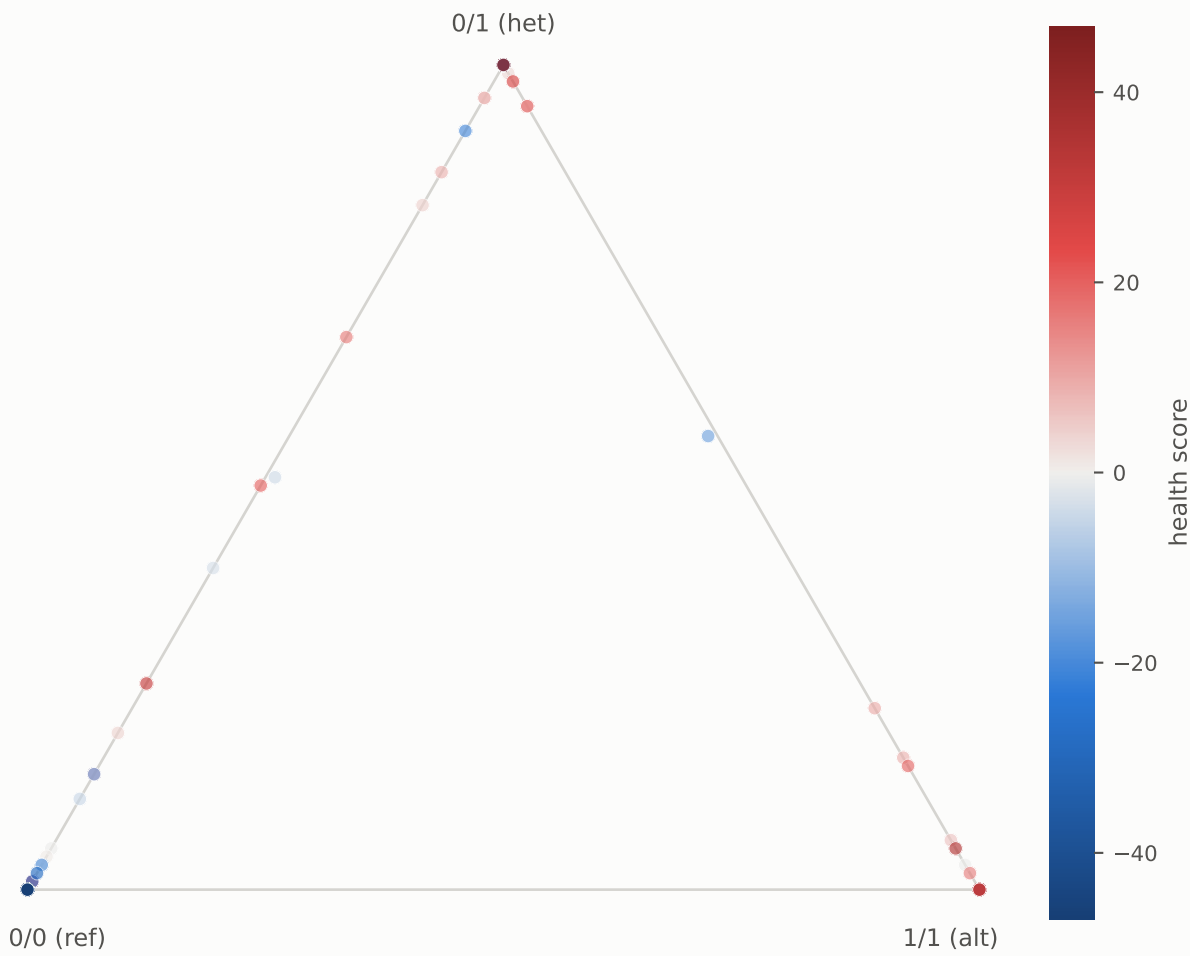
#37 by health association CHR_15:25,770,054 A>G
AF=0.41 DR2=0.94 $r=+0.225$ H=0.098 F=11.0



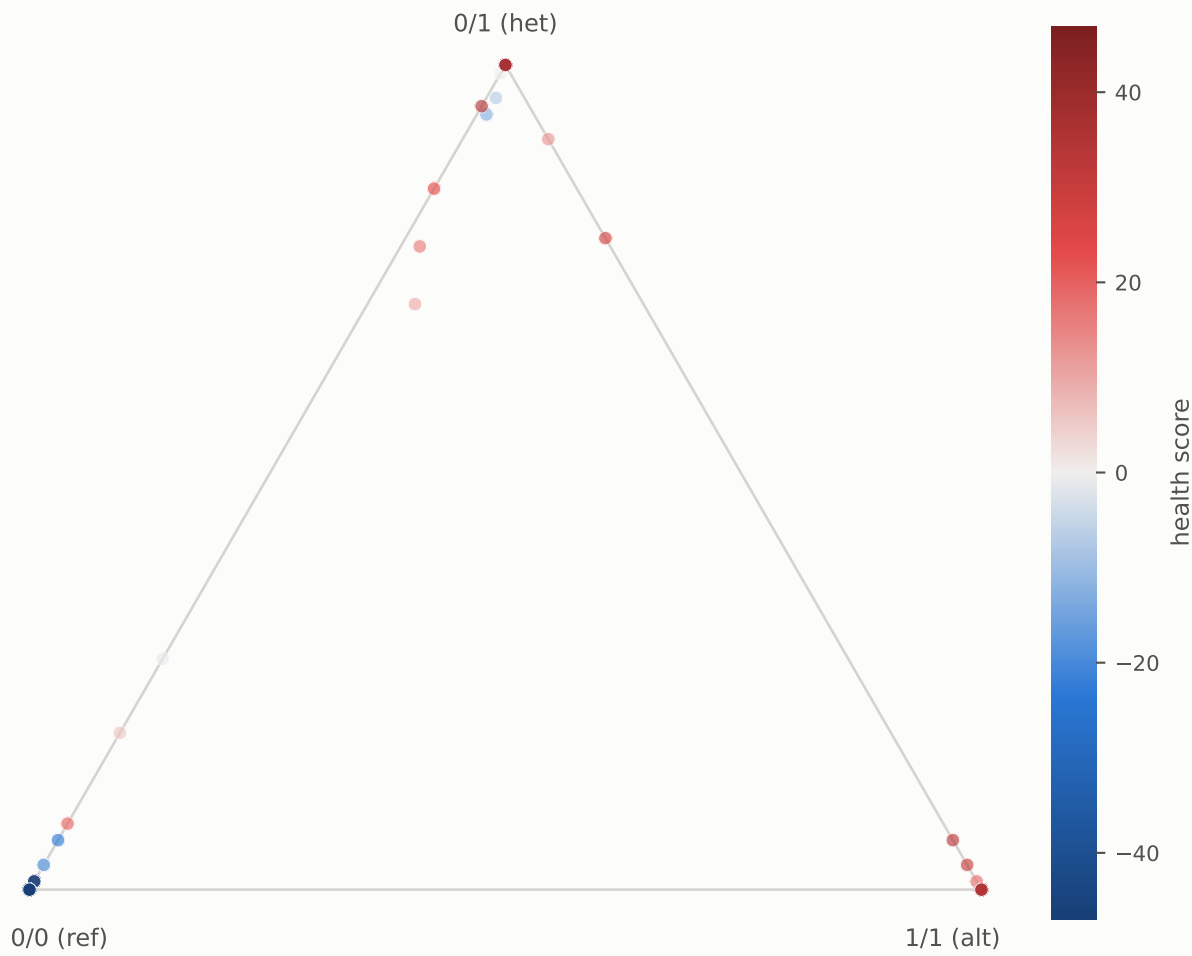
#38 by health association CHR_22:737,169 C>T
AF=0.091 DR2=0.99 r=-0.225 H=0.010 F=12.0



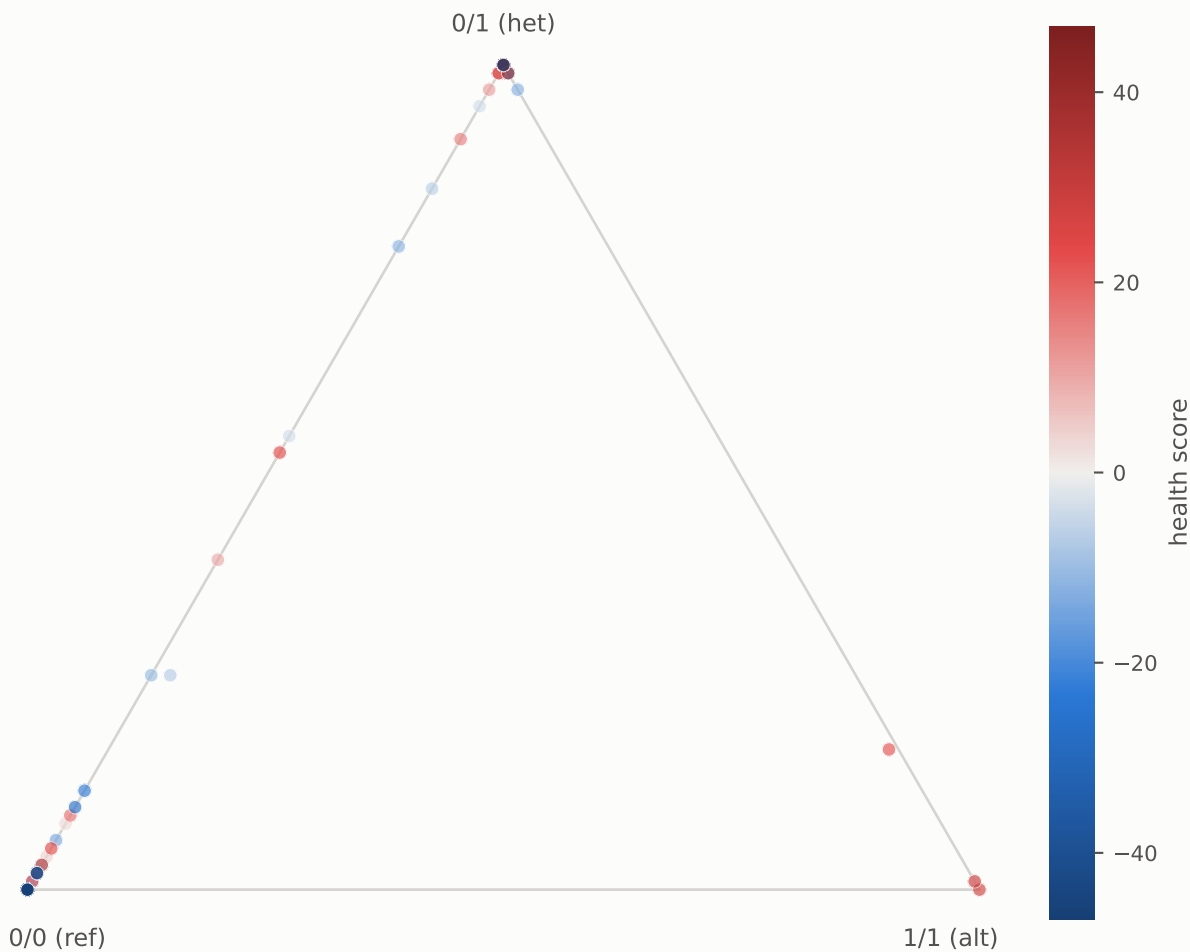
#39 by health association CHR_14:17,029,565 G>A
AF=0.16 DR2=0.97 r=+0.224 H=0.024 F=11.9



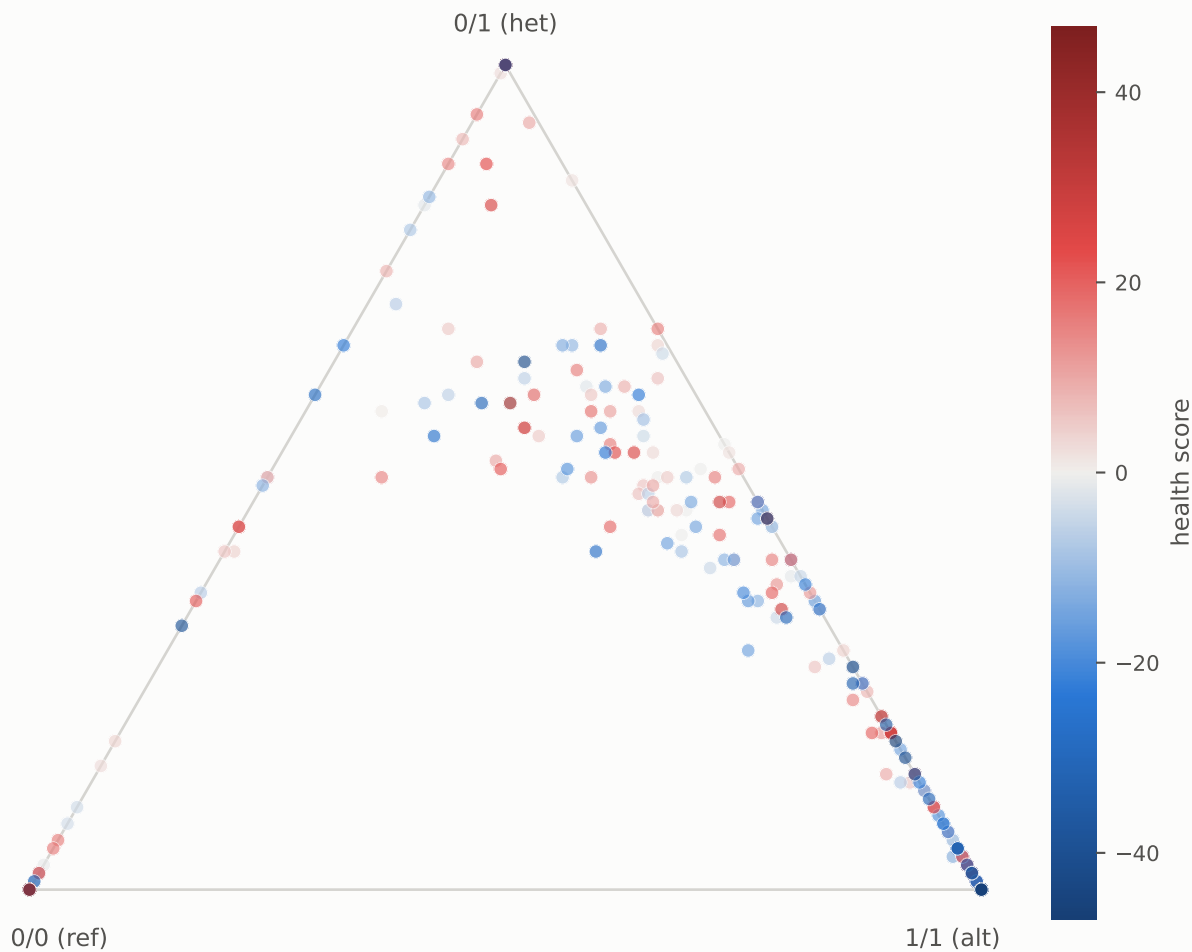
#40 by health association CHR_14:16,987,910 C>T
AF=0.11 DR2=0.98 r=+0.224 H=0.014 F=12.0



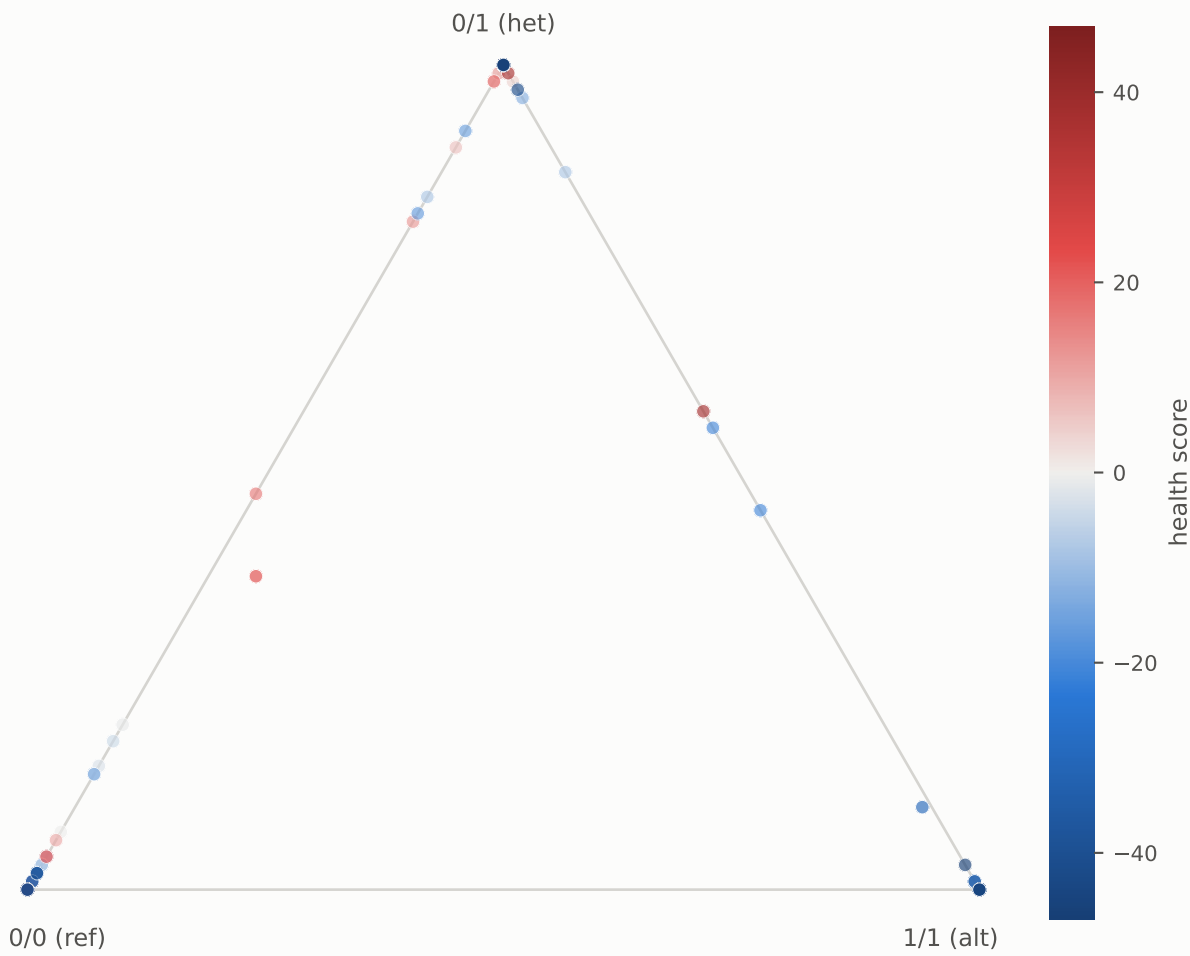
#41 by health association CHR_04:41,248,267 C>T
AF=0.079 DR2=0.95 r=+0.224 H=0.020 F=18.5



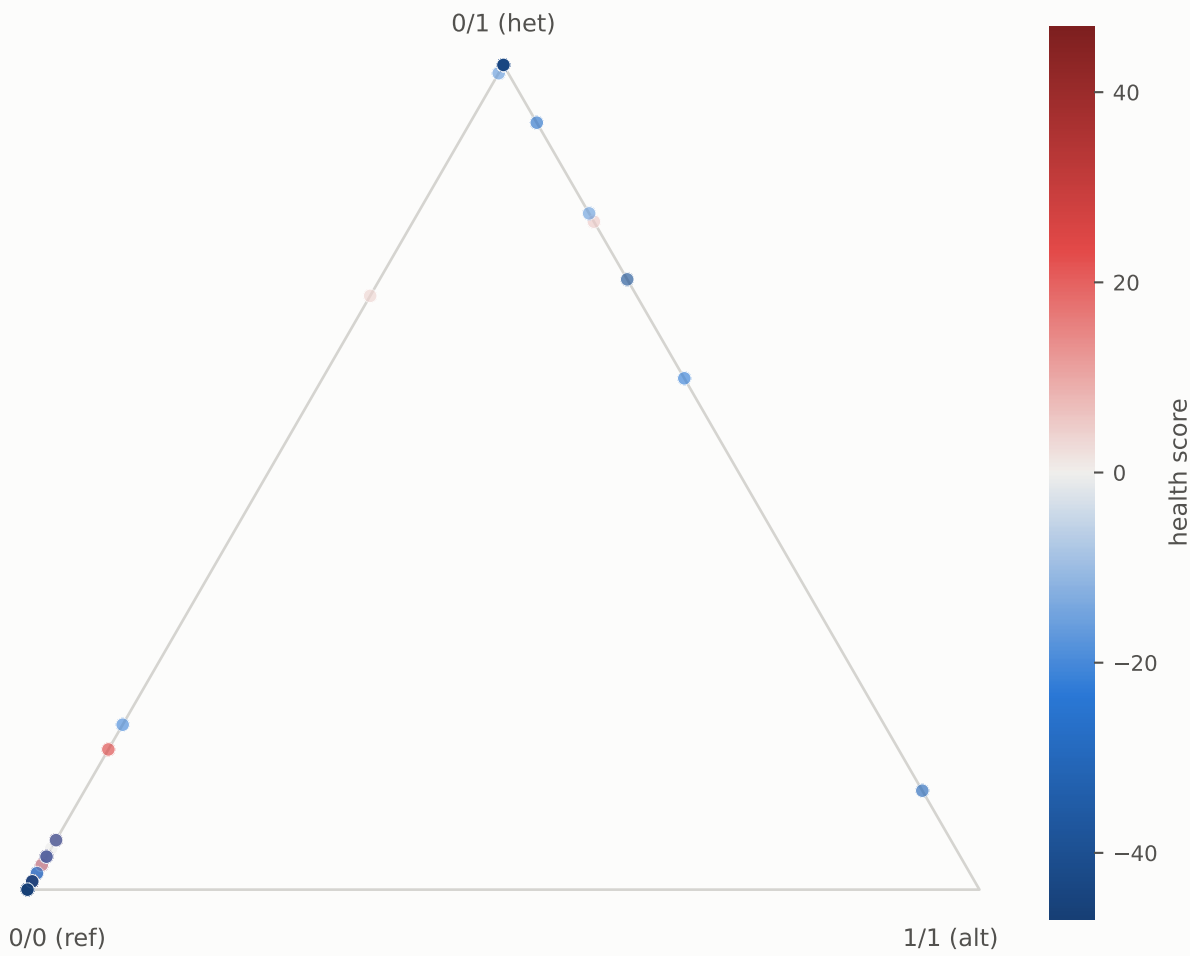
#42 by health association CHR_05:31,715,255 T>C
AF=0.52 DR2=0.84 $r=-0.224$ H=0.304 F=13.2



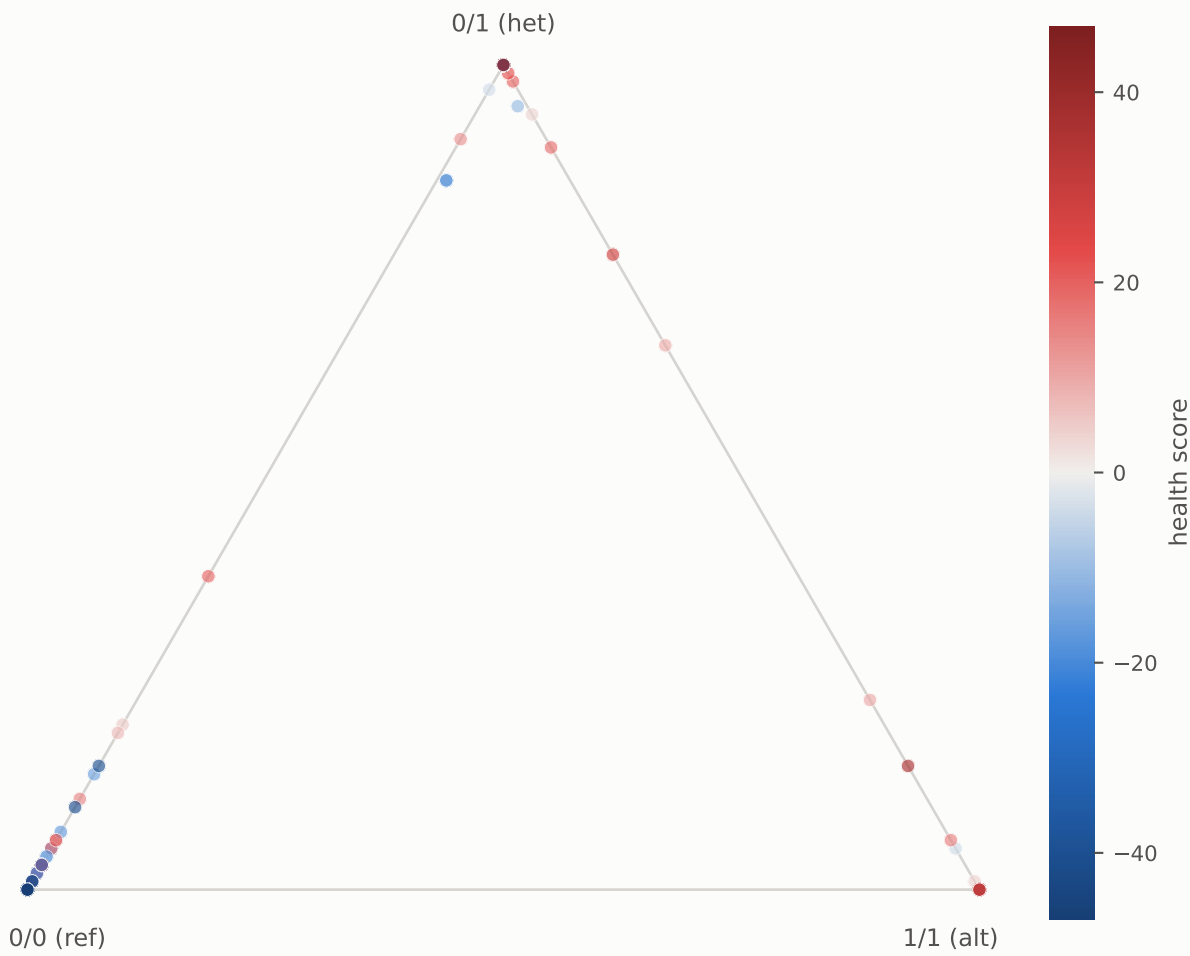
#43 by health association CHR_05:29,914,341 G>A
AF=0.15 DR2=0.97 $r=-0.224$ H=0.027 F=16.0



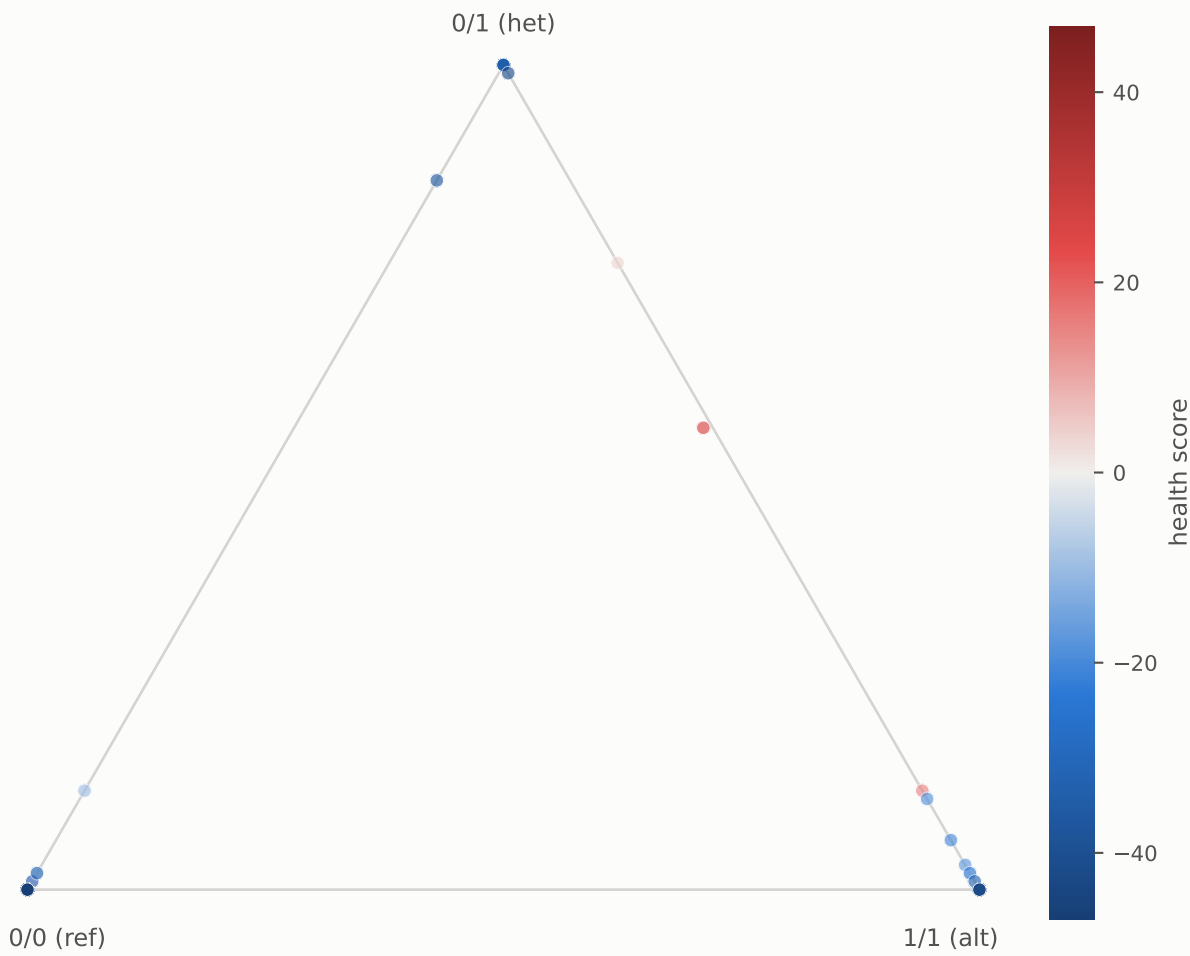
#44 by health association CHR_21:22,025,501 T>C
AF=0.024 DR2=0.91 r=-0.223 H=0.022 F=19.5



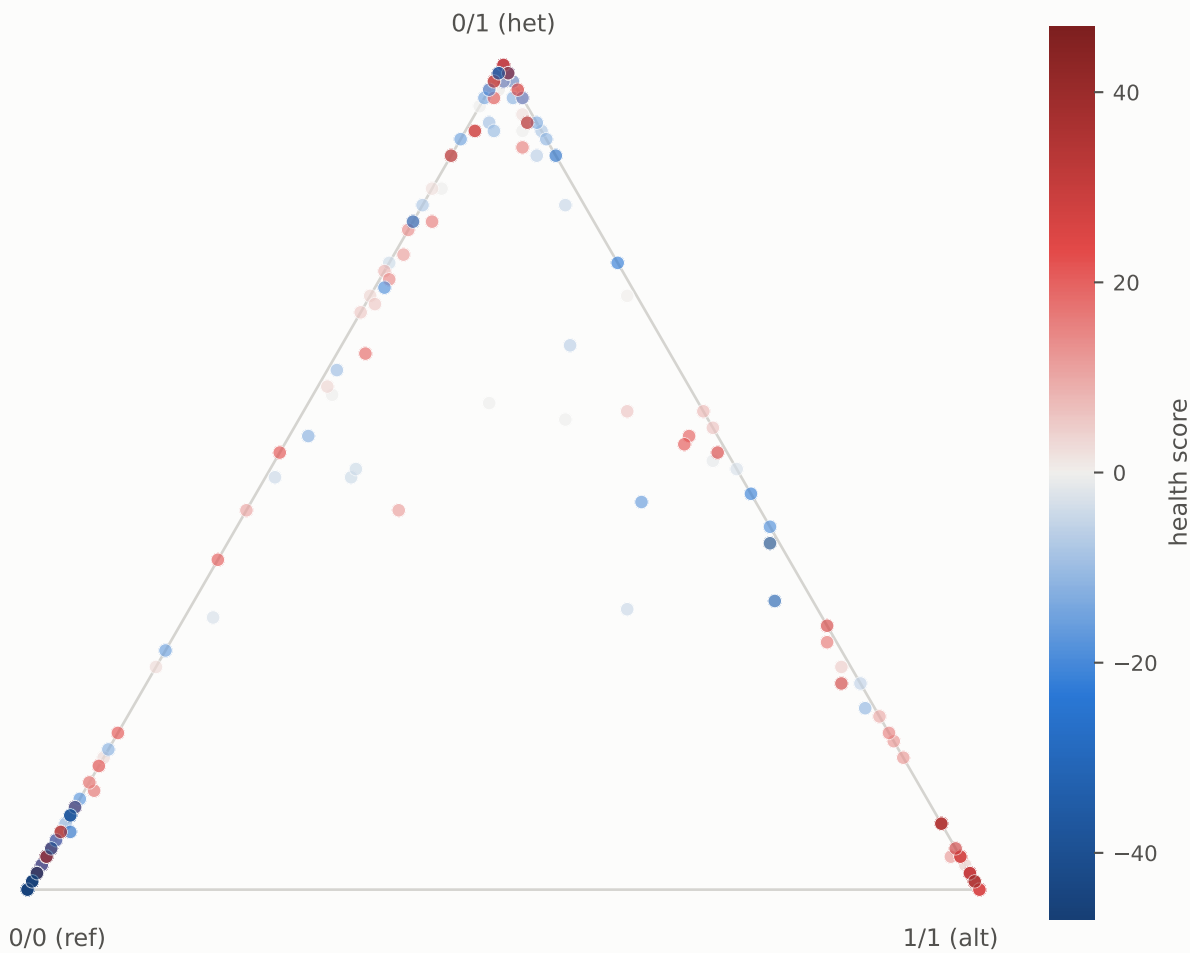
#45 by health association CHR_14:16,997,619 G>A
AF=0.13 DR2=0.96 $r=+0.223$ H=0.029 F=11.5



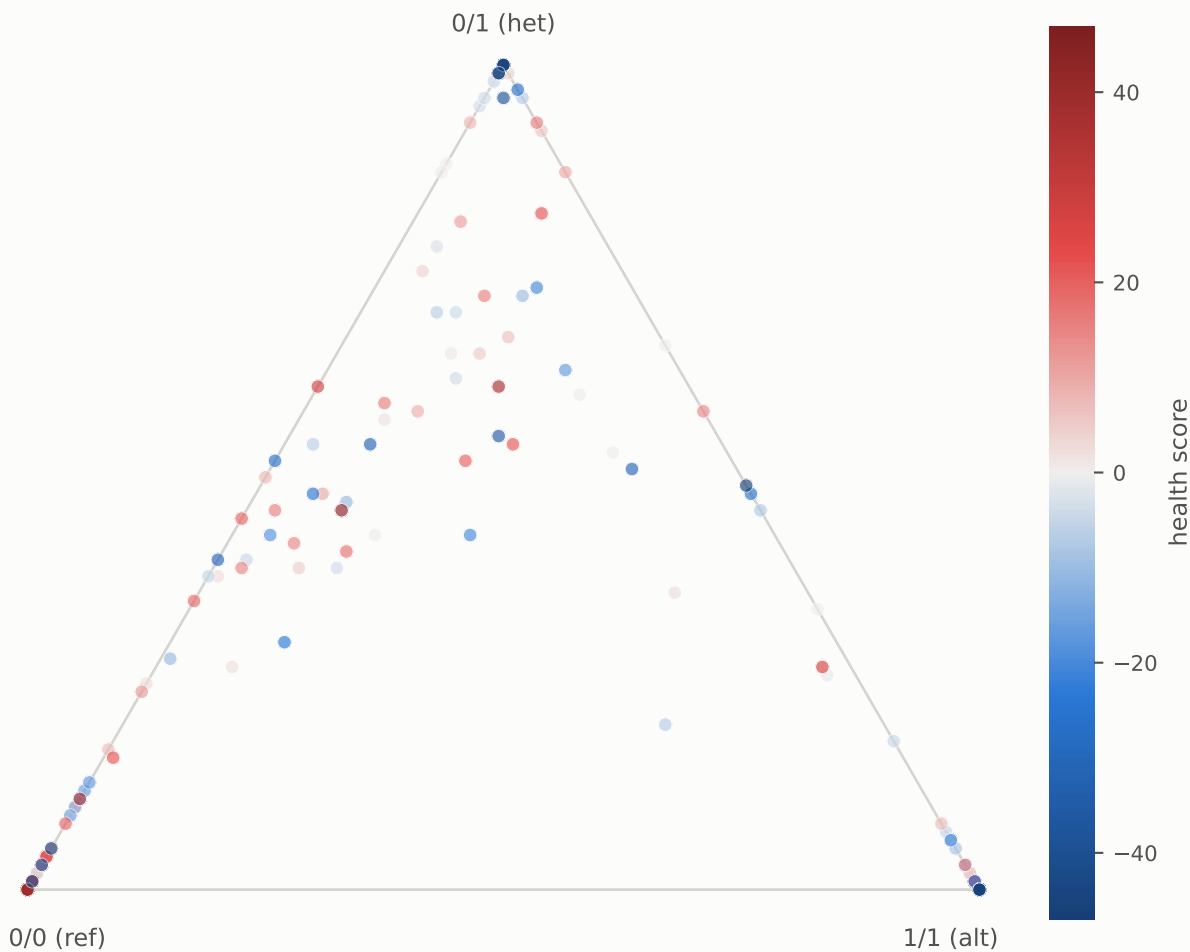
#46 by health association CHR_22:737,079 G>A
AF=0.088 DR2=0.99 r=-0.223 H=0.009 F=12.2



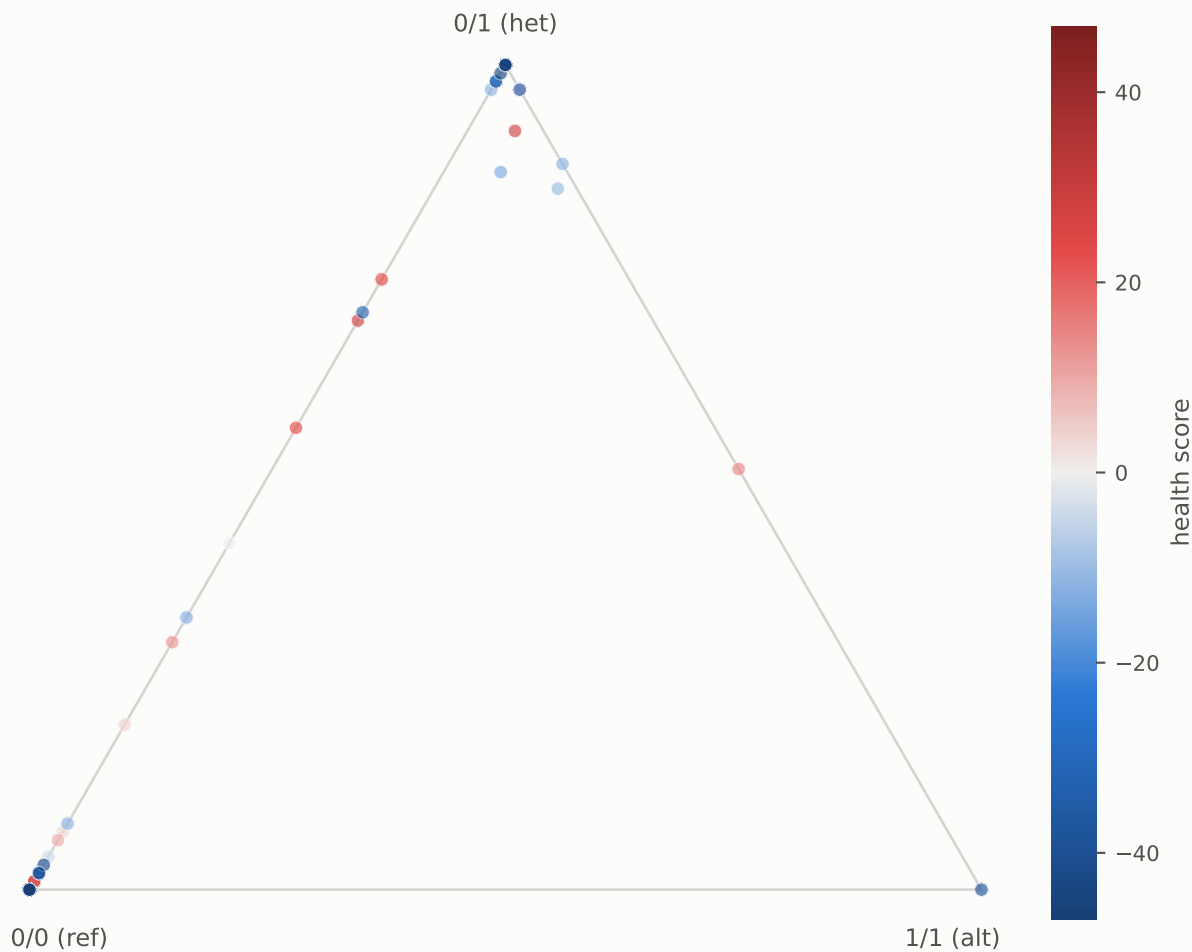
#47 by health association CHR_09:4,701,047 A>G
AF=0.26 DR2=0.89 r=+0.223 H=0.163 F=10.6



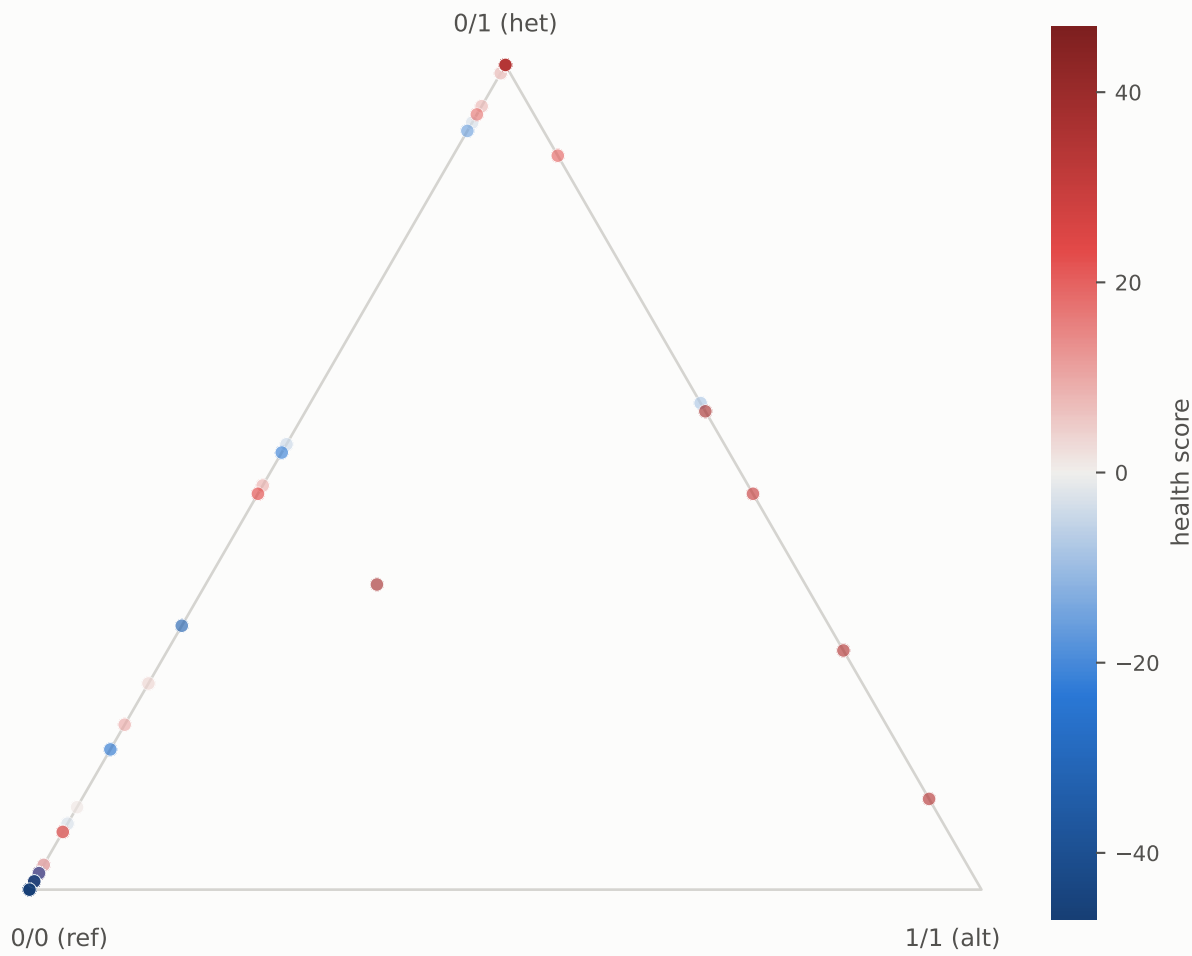
#48 by health association CHR_10:9,178,062 C>G
AF=0.33 DR2=0.91 r=-0.223 H=0.144 F=14.3



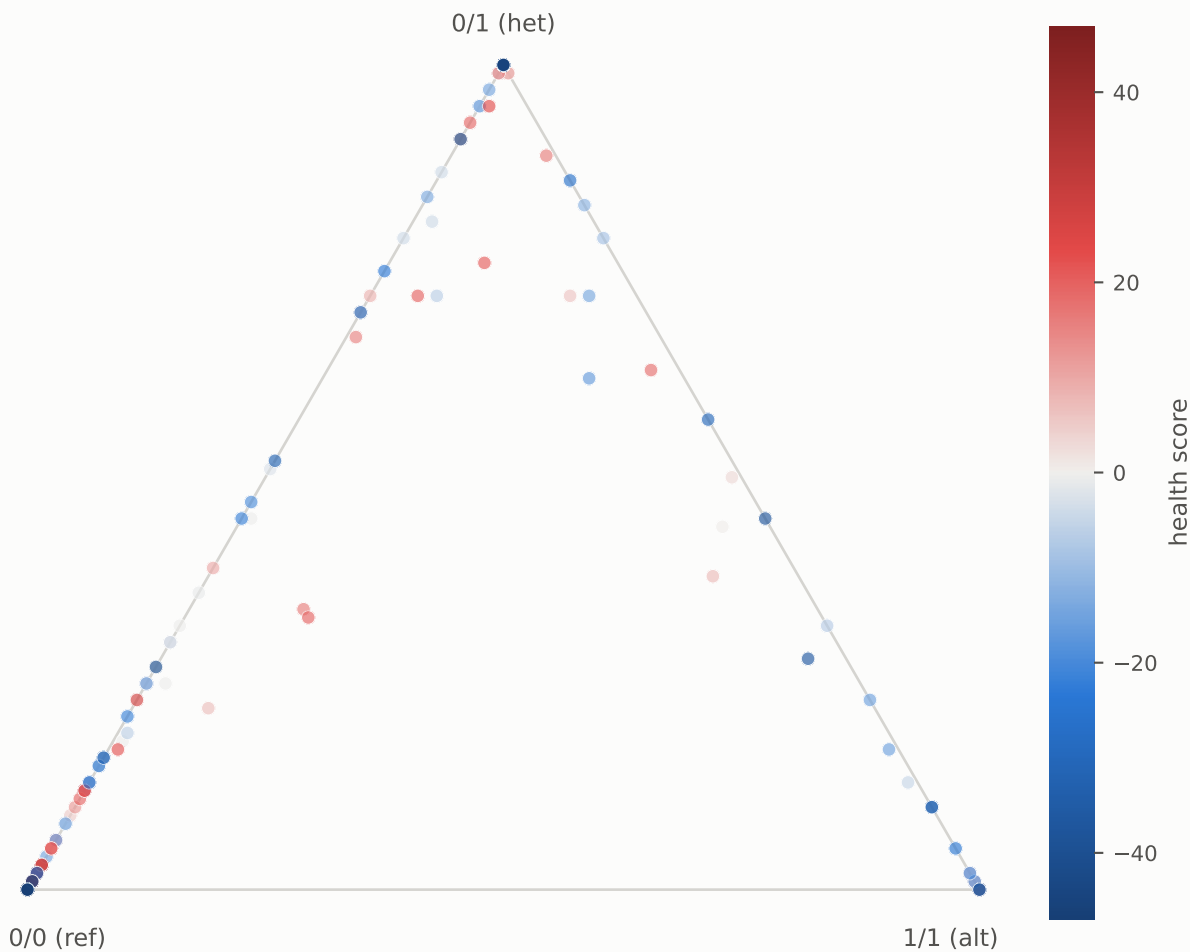
#49 by health association CHR_04:40,306,967 A>T
AF=0.049 DR2=0.92 r=-0.223 H=0.024 F=18.1



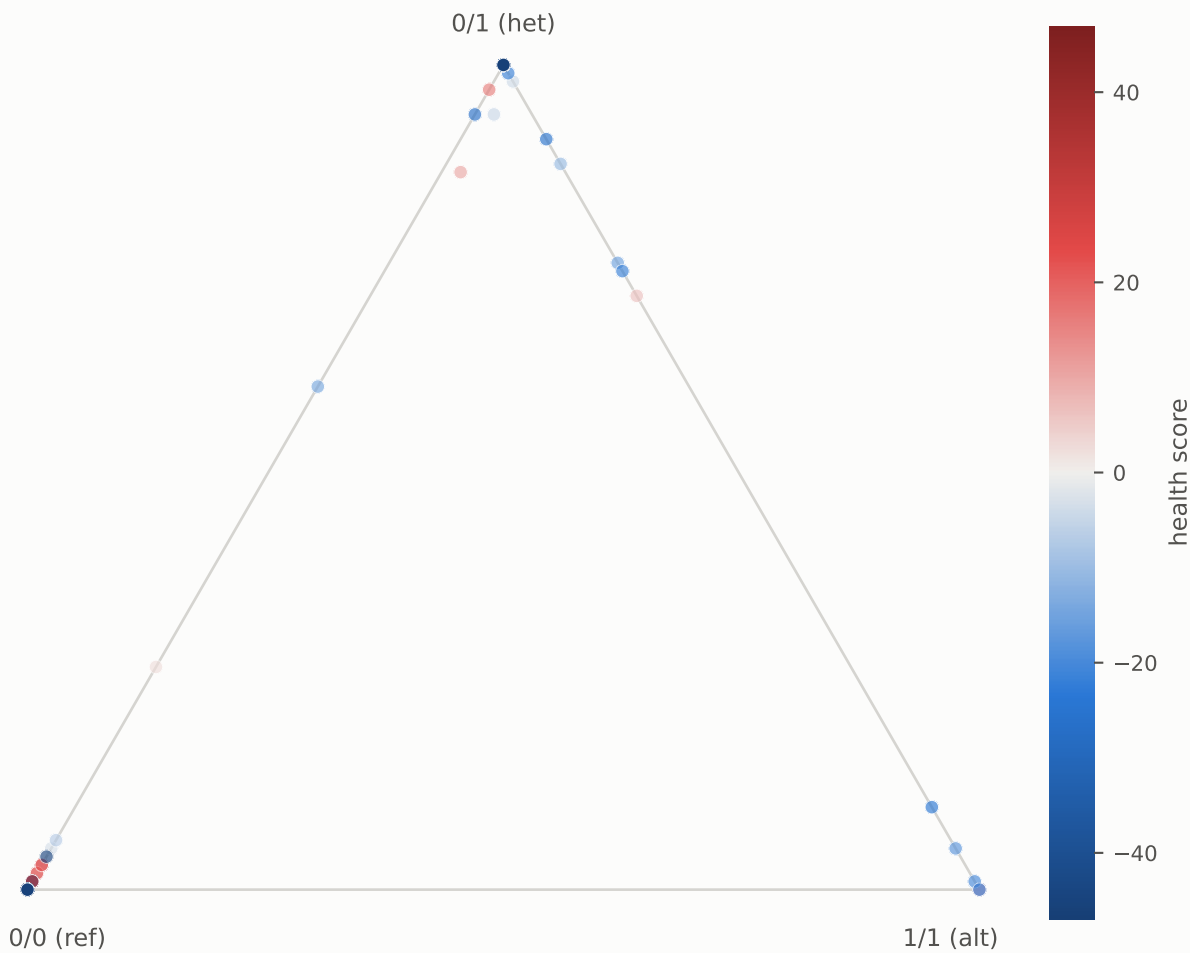
#50 by health association CHR_07:27,376,627 C>T
AF=0.039 DR2=0.85 r=+0.222 H=0.036 F=8.8



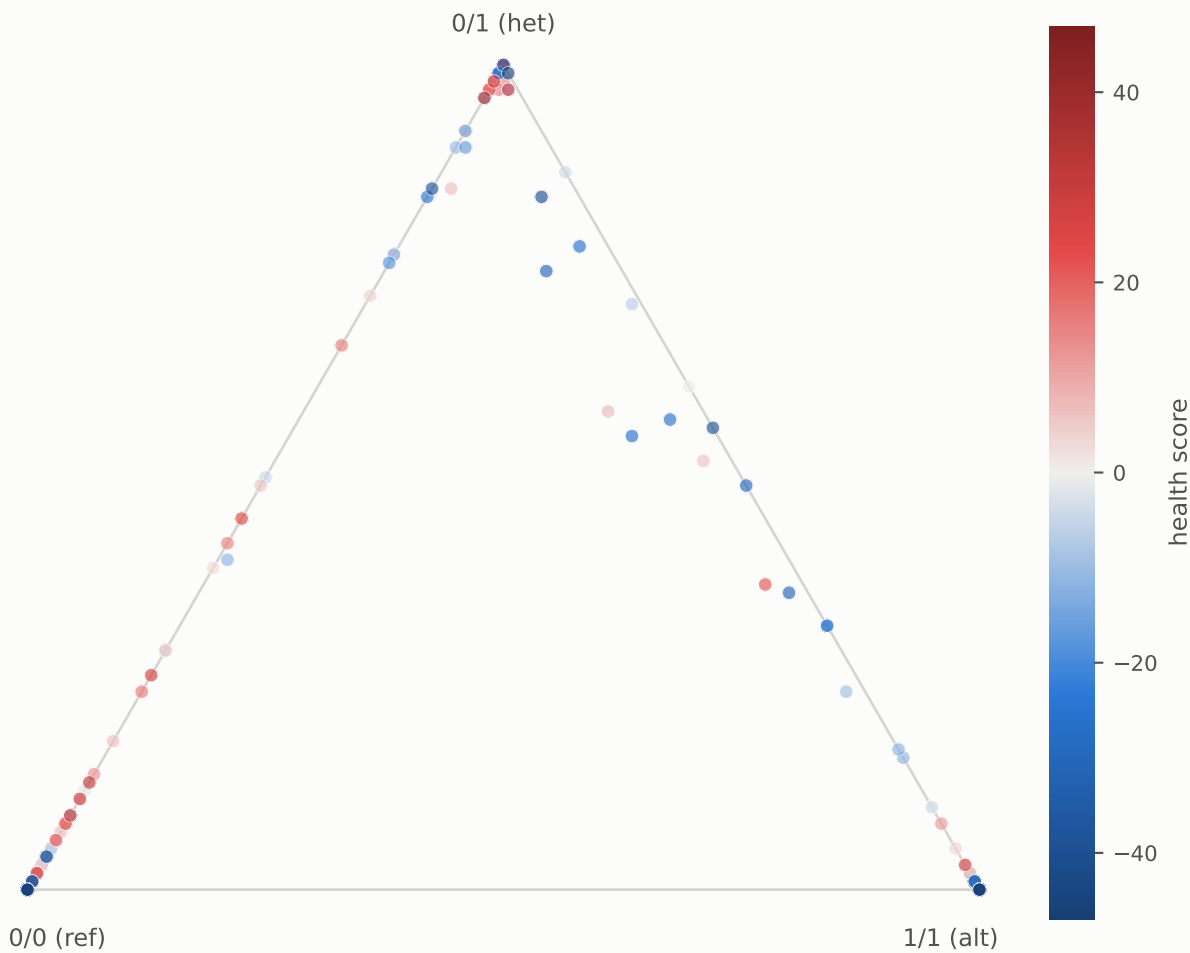
#51 by health association CHR_18:10,665,894 T>C
AF=0.11 DR2=0.86 $r=-0.222$ H=0.104 F=11.5



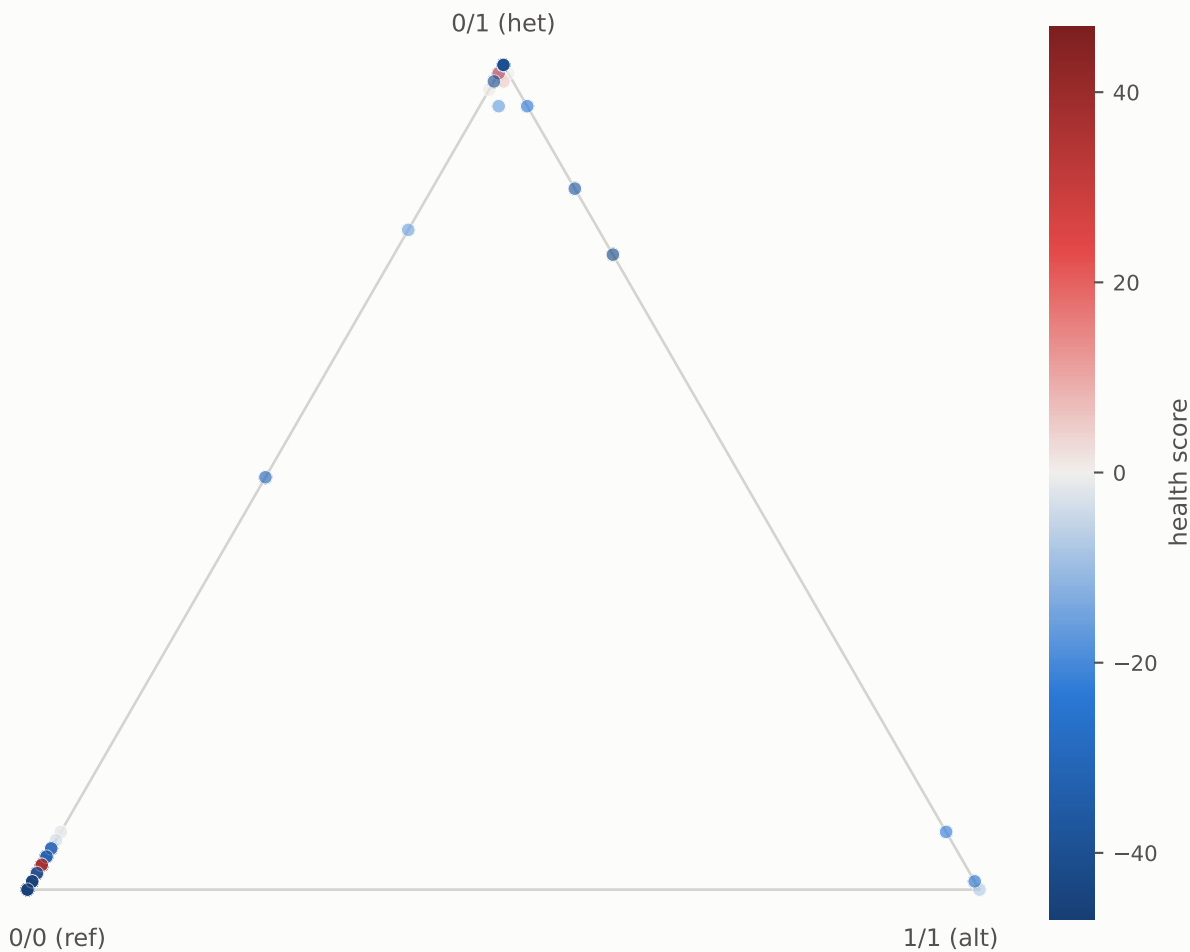
#52 by health association CHR_22:6,872,327 G>A
AF=0.043 DR2=0.96 r=-0.222 H=0.017 F=13.2



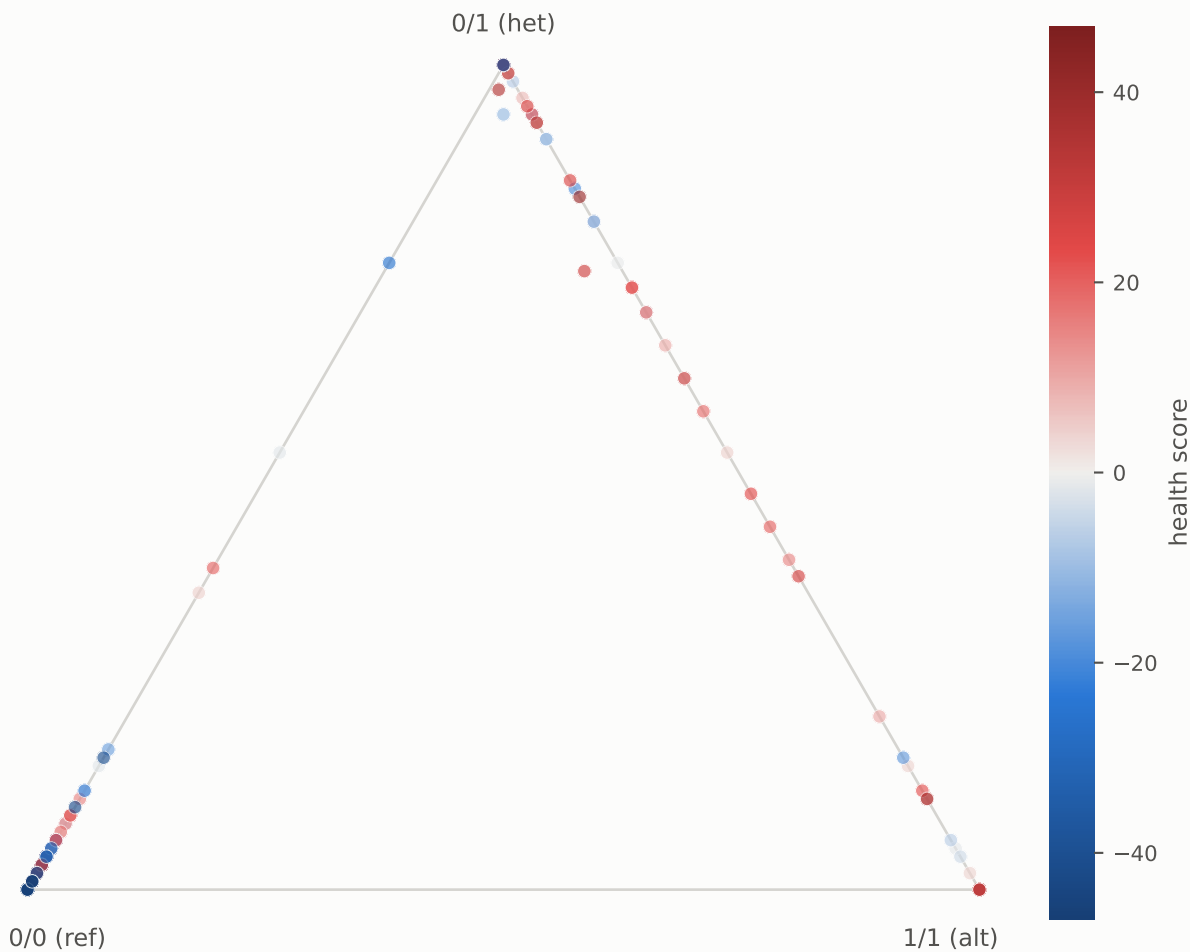
#53 by health association CHR_13:23,003,146 A>G
AF=0.22 DR2=0.94 $r=-0.221$ H=0.082 F=12.1



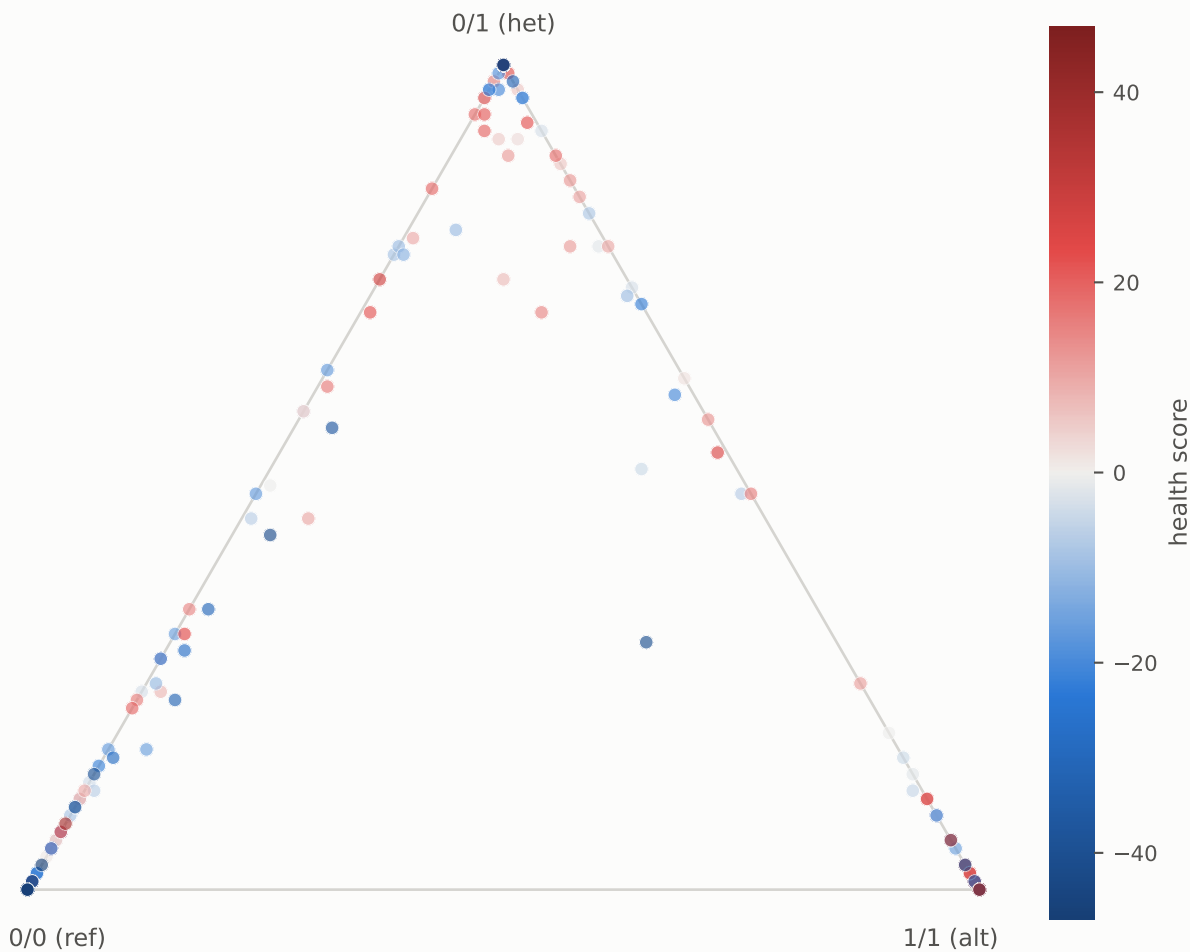
#54 by health association CHR_21:22,010,997 C>A
AF=0.027 DR2=0.83 $r=-0.221$ H=0.044 F=18.3



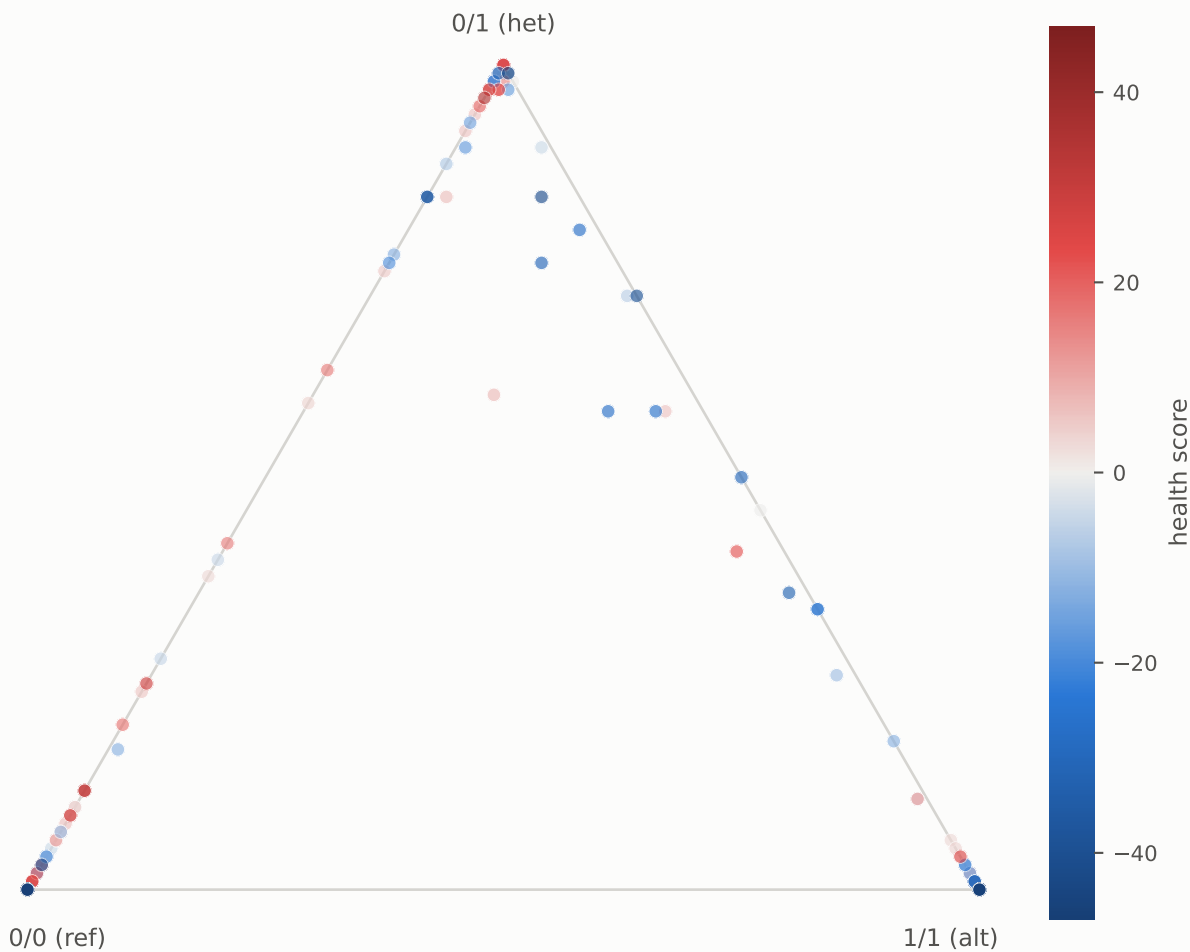
#55 by health association CHR_14:16,997,535 A>G
AF=0.12 DR2=0.91 $r=+0.221$ H=0.088 F=10.8



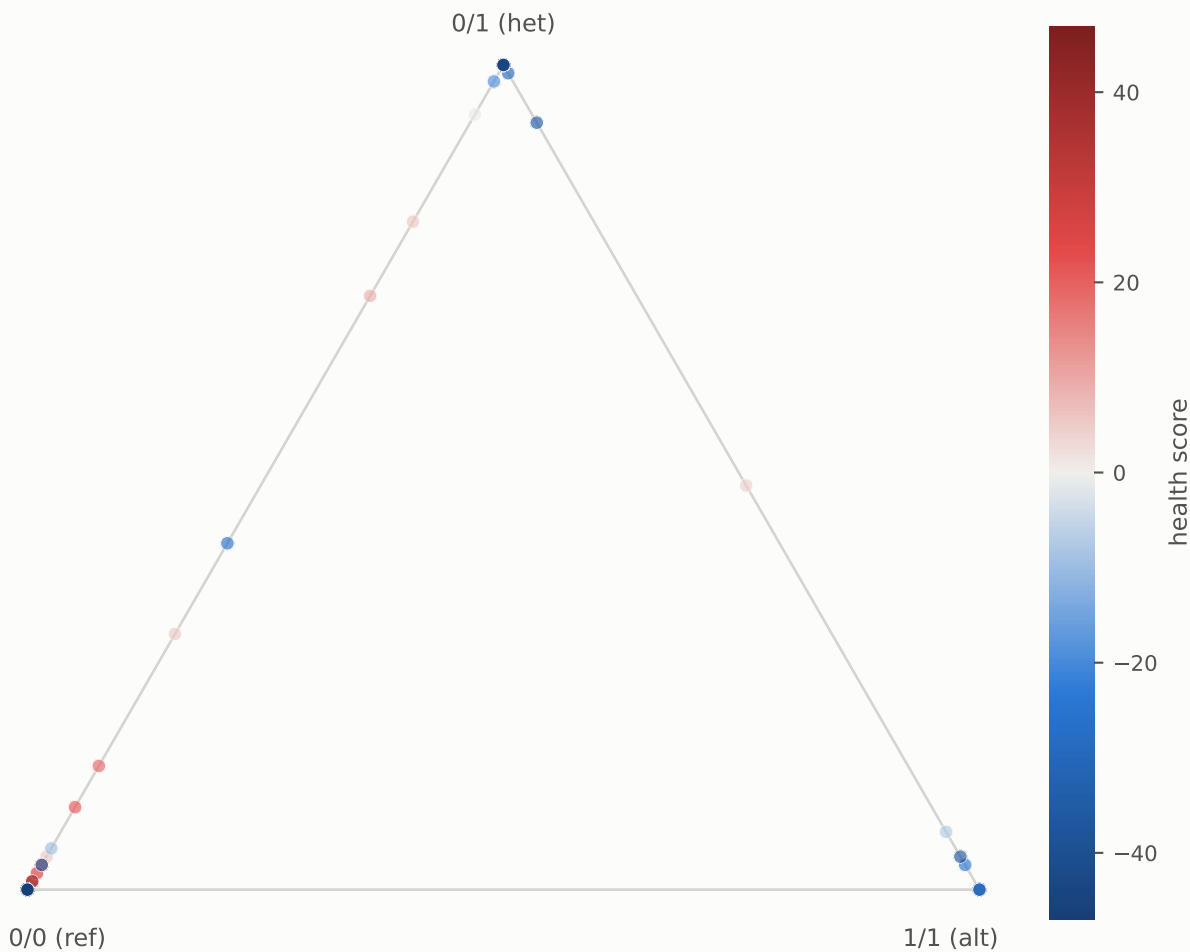
#56 by health association CHR_01:54,352,723 C>G
AF=0.41 DR2=0.92 $r=+0.221$ H=0.118 F=11.6



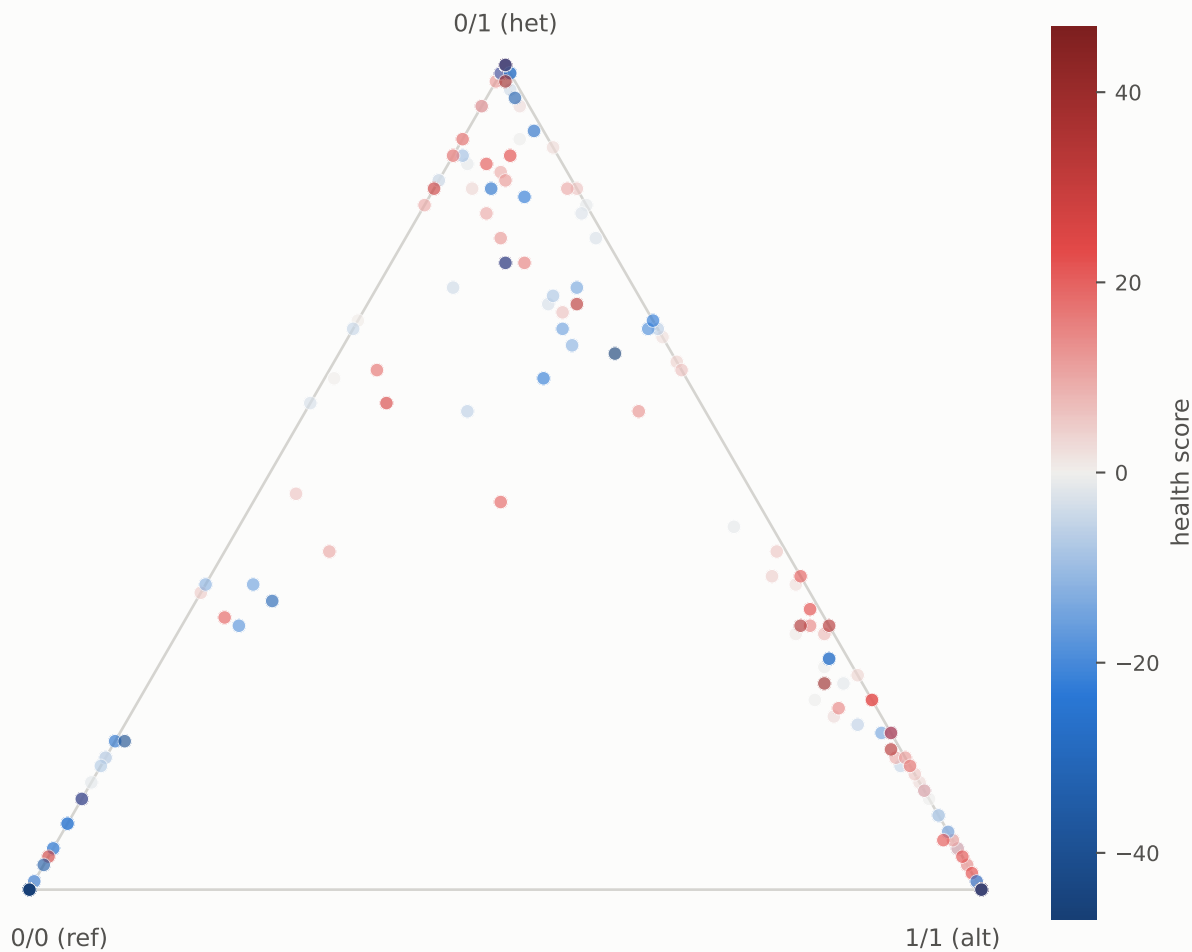
#57 by health association CHR_13:23,003,137 C>T
AF=0.2 DR2=0.95 r=-0.220 H=0.074 F=11.4



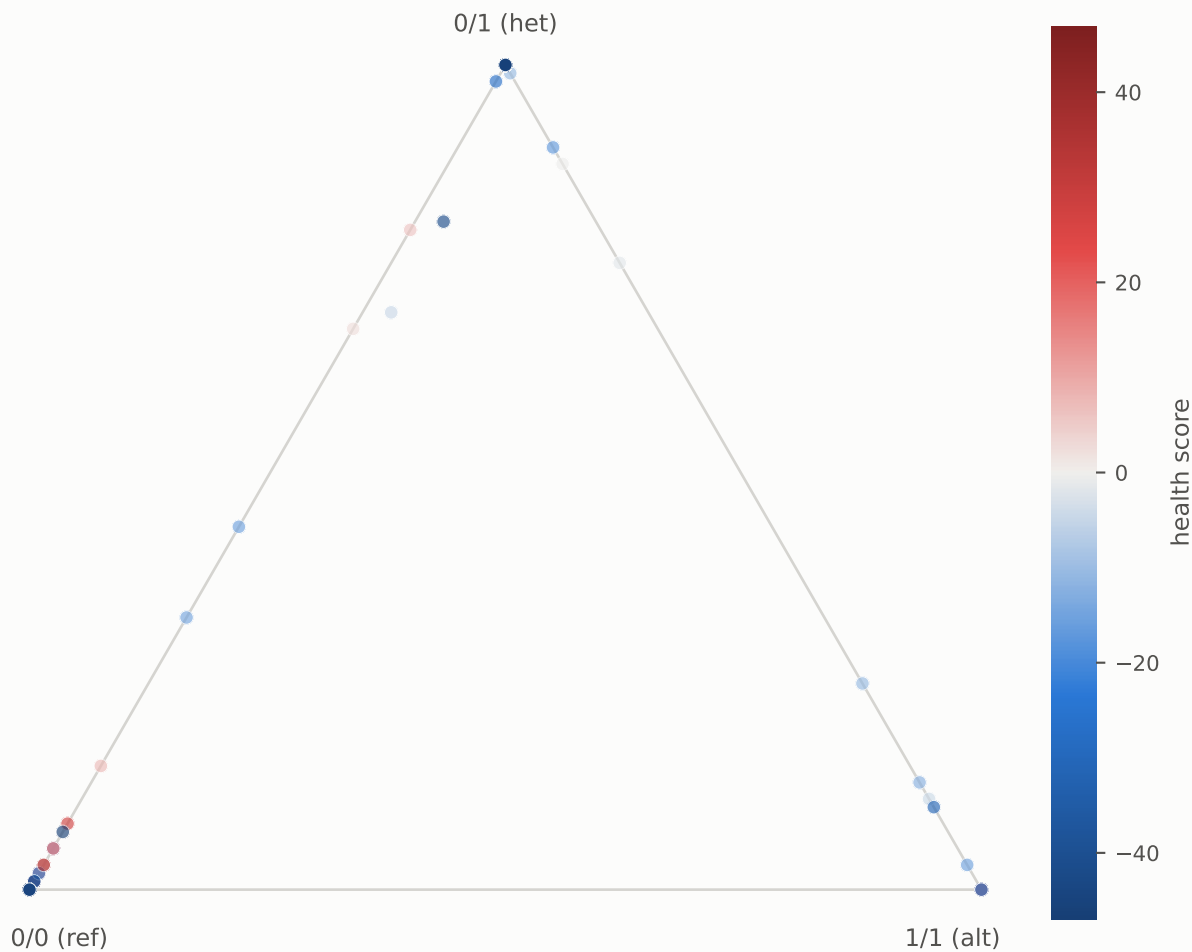
#58 by health association CHR_23:2,464,284 G>C
AF=0.09 DR2=0.97 $r=-0.220$ $H=0.015$ $F=10.7$



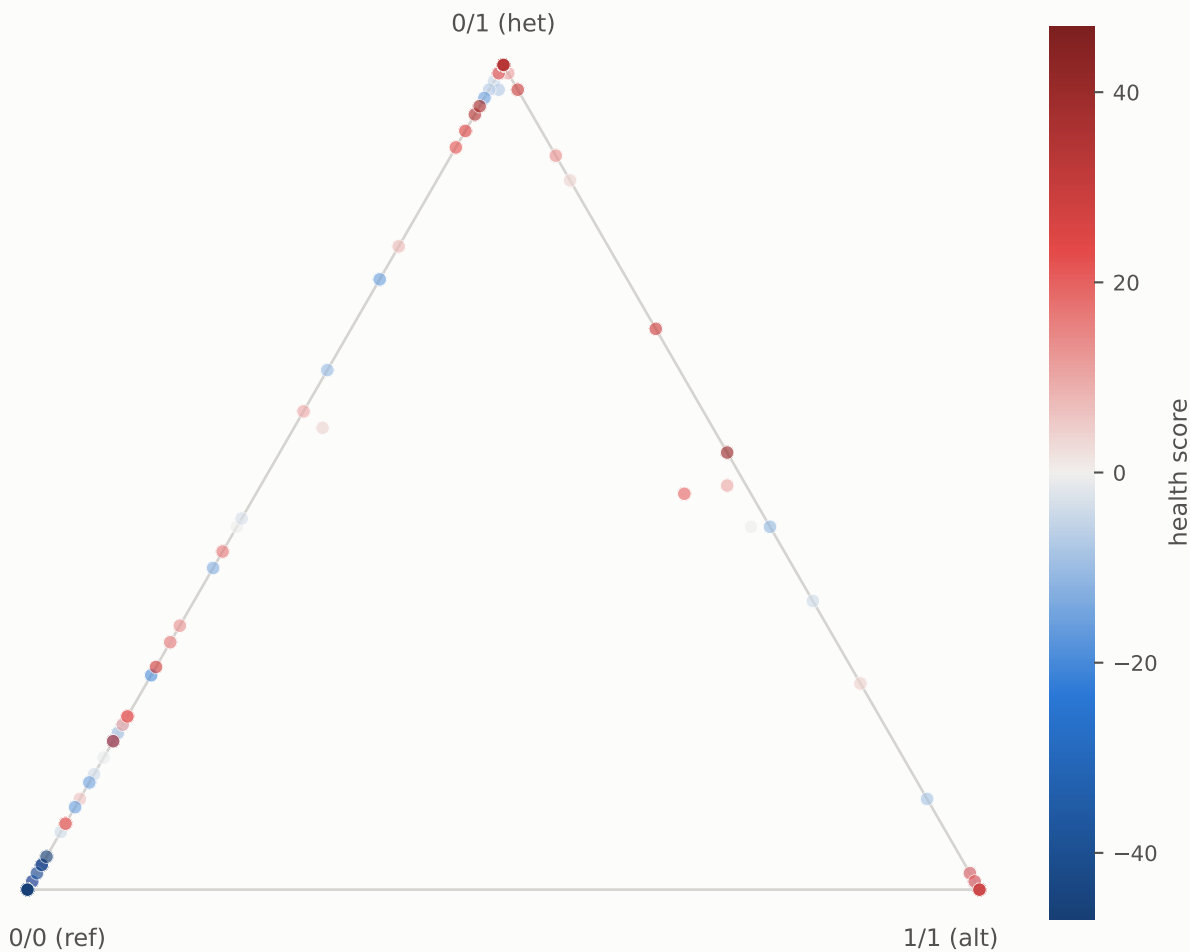
#59 by health association CHR_19:13,730,621 C>T
AF=0.51 DR2=0.92 r=+0.220 H=0.158 F=13.4



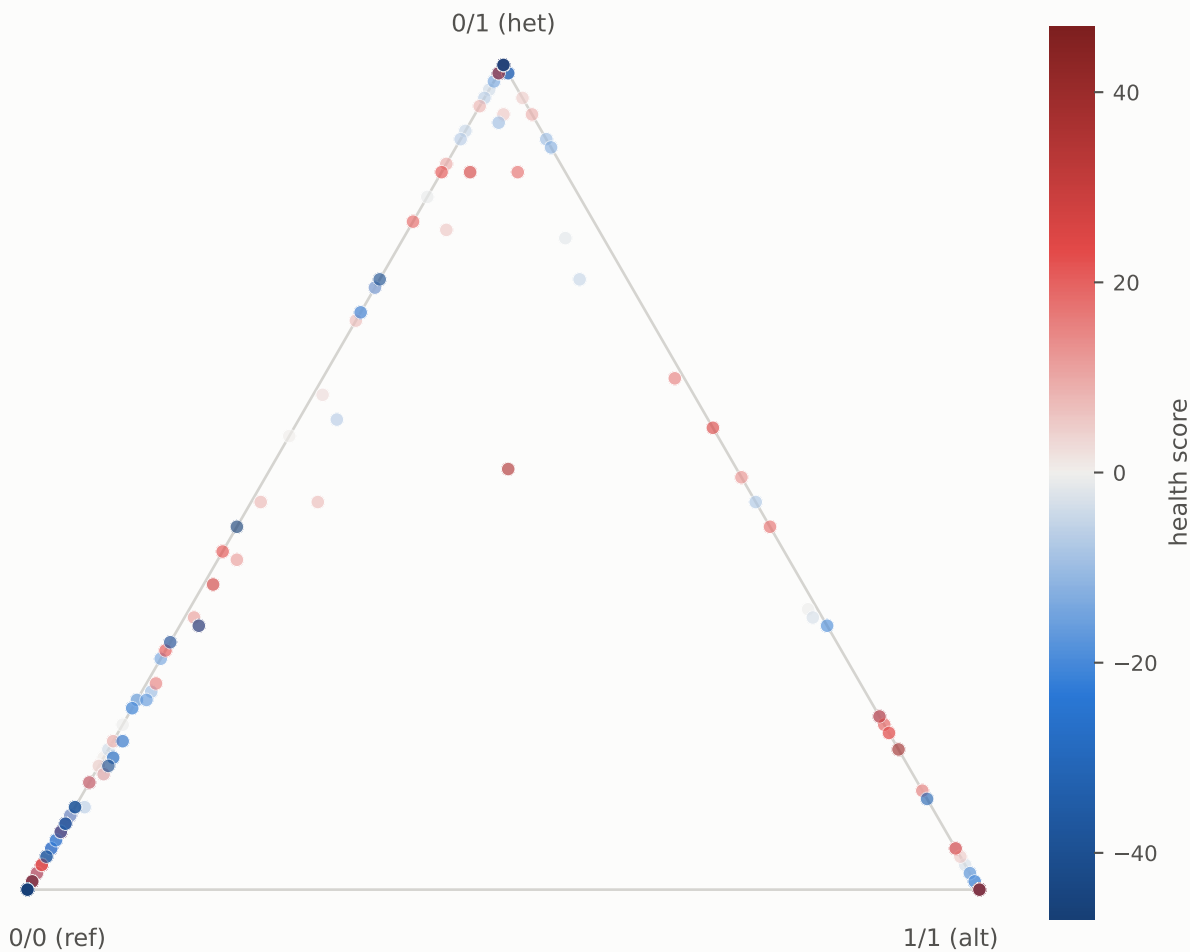
#60 by health association CHR_16:20,540,546 T>C
AF=0.081 DR2=0.96 r=-0.220 H=0.022 F=11.8



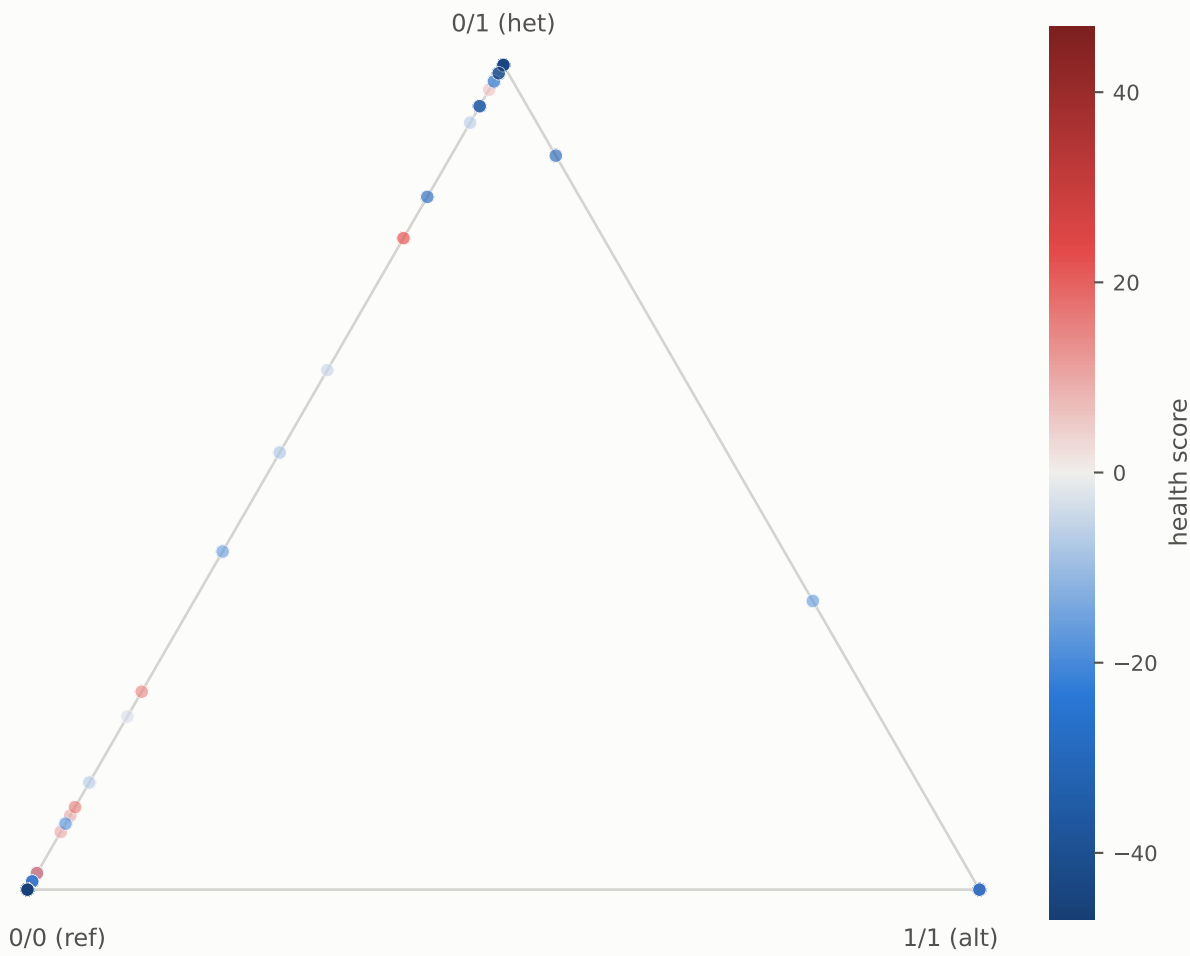
#61 by health association CHR_14:16,983,265 A>C
AF=0.085 DR2=0.9 r=+0.219 H=0.058 F=11.1



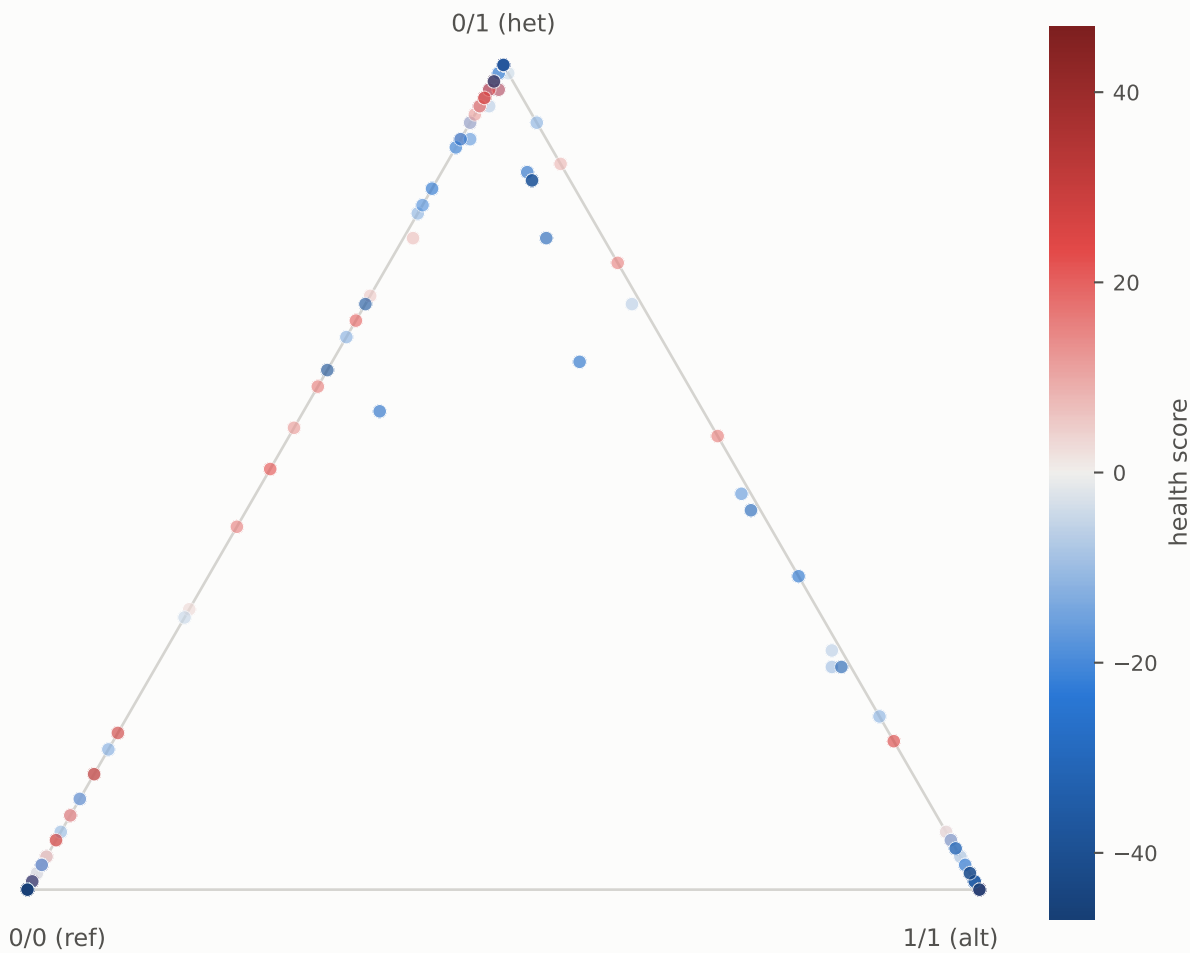
#62 by health association CHR_01:54,352,430 A>T
AF=0.33 DR2=0.92 r=+0.218 H=0.125 F=10.8



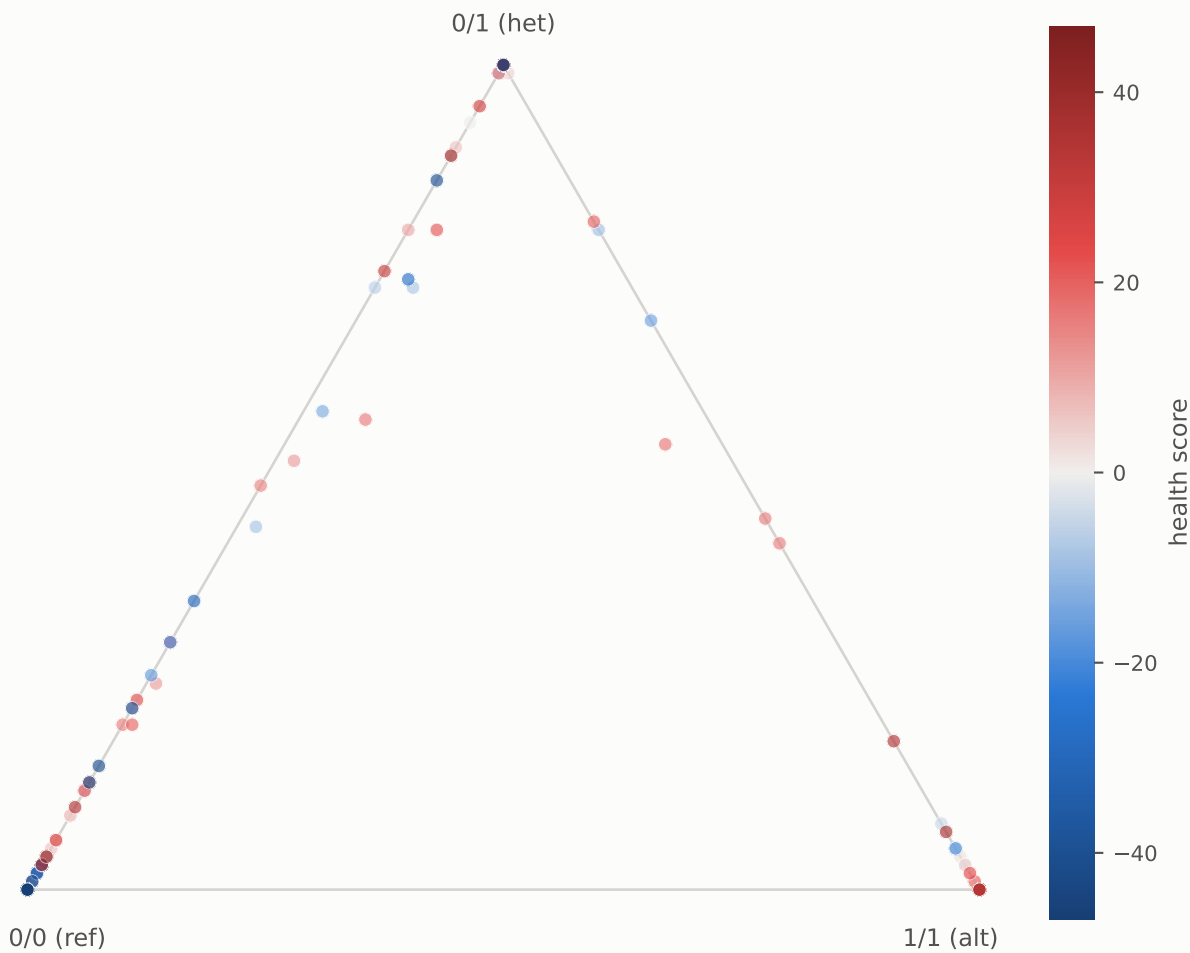
#63 by health association CHR_07:36,028,375 C>A
AF=0.12 DR2=0.96 $r=-0.218$ H=0.019 F=11.5



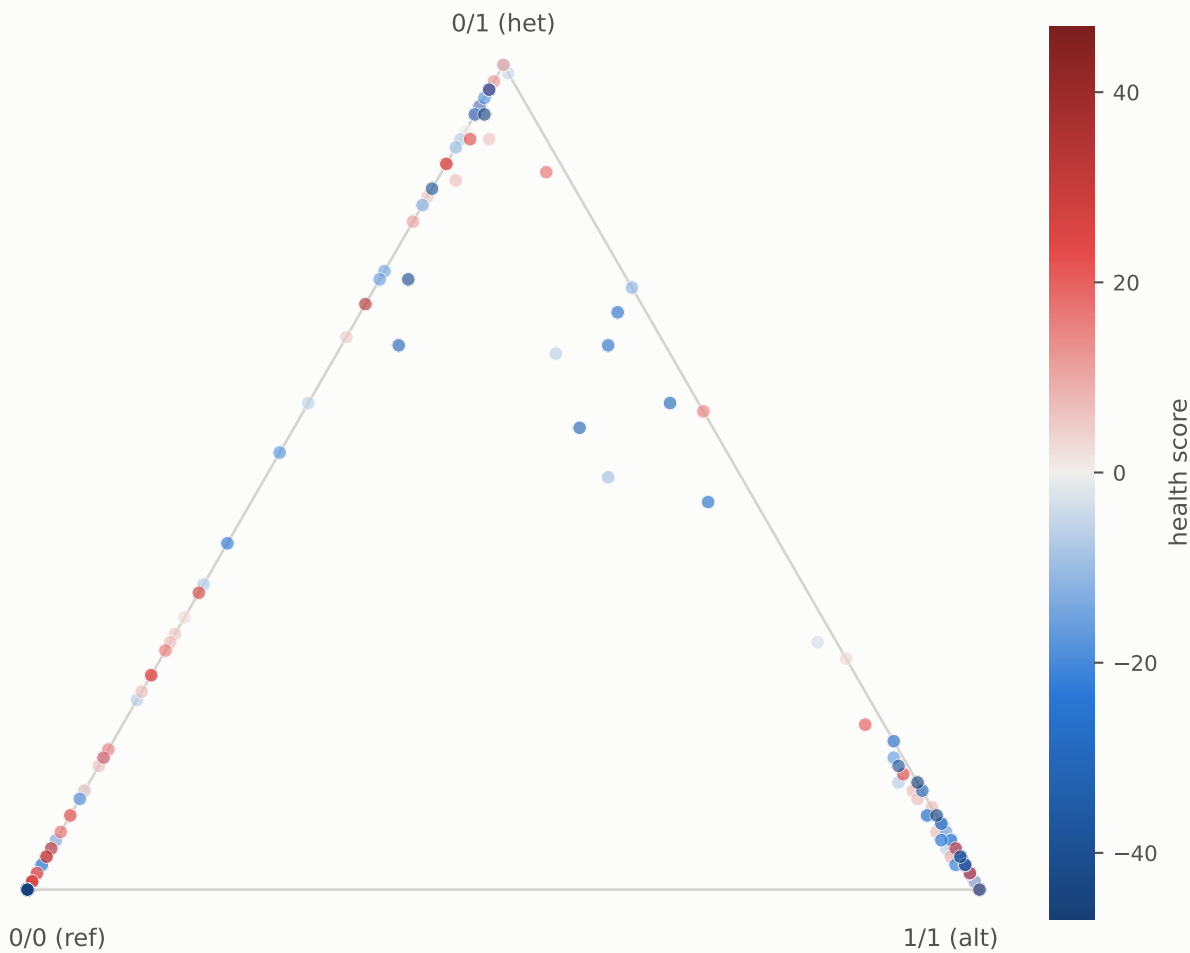
#64 by health association CHR_13:23,002,514 A>G
AF=0.2 DR2=0.94 r=-0.218 H=0.076 F=12.2



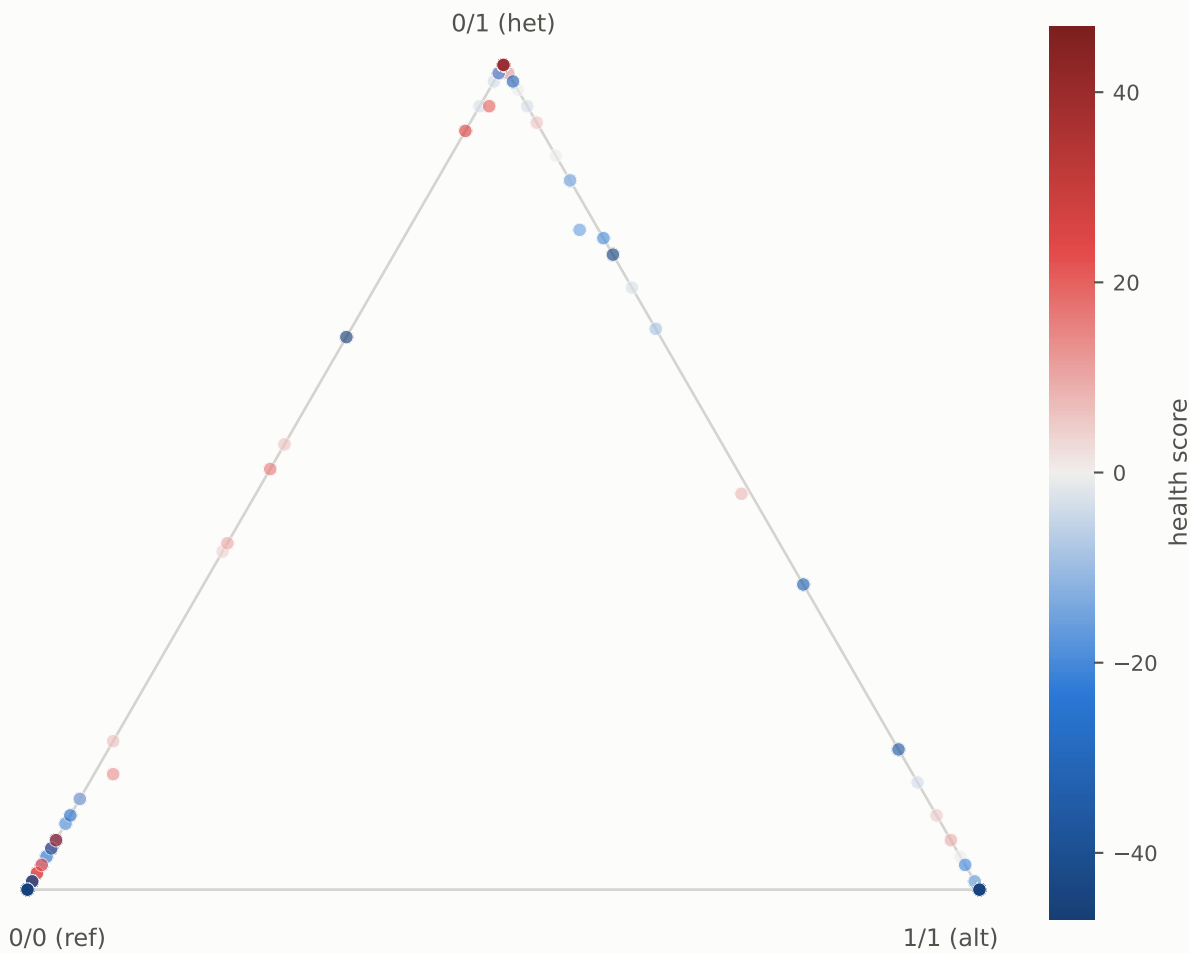
#65 by health association CHR_14:17,022,139 A>G
AF=0.18 DR2=0.93 $r=+0.218$ H=0.066 F=11.4



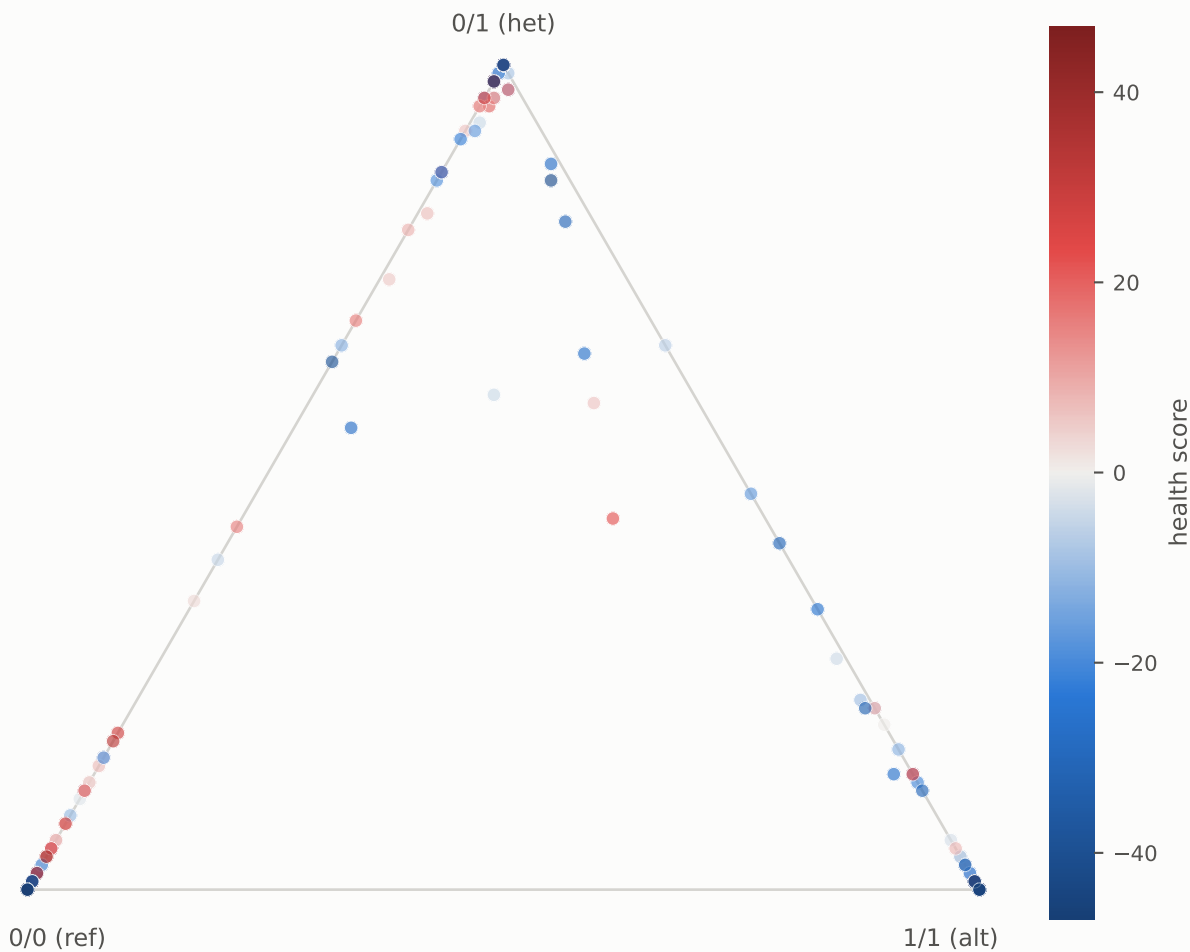
#66 by health association CHR_13:23,003,940 A>G
AF=0.2 DR2=0.93 $r=-0.218$ $H=0.112$ $F=11.9$



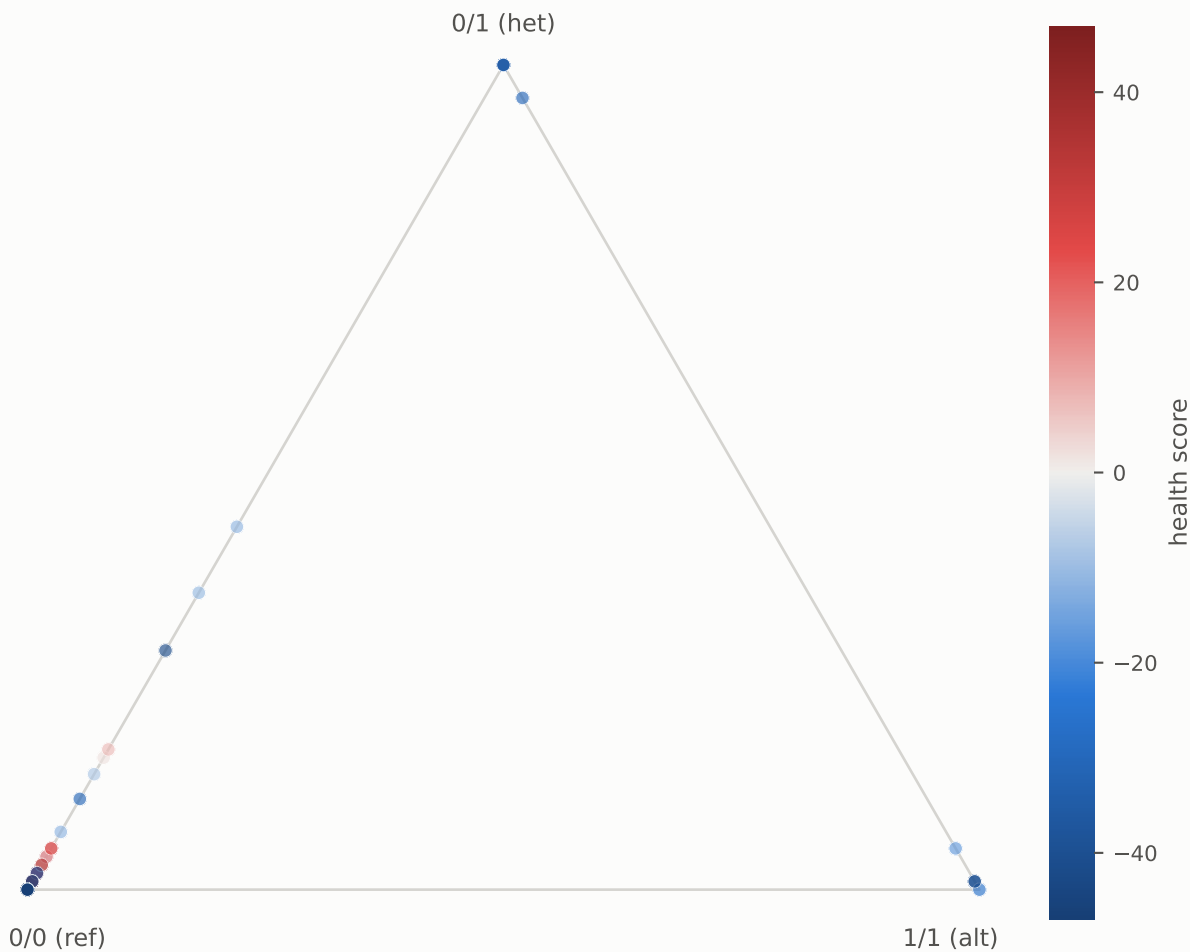
#67 by health association CHR_11:10,773,449 G>A
AF=0.22 DR2=0.97 $r=-0.217$ H=0.045 F=11.9



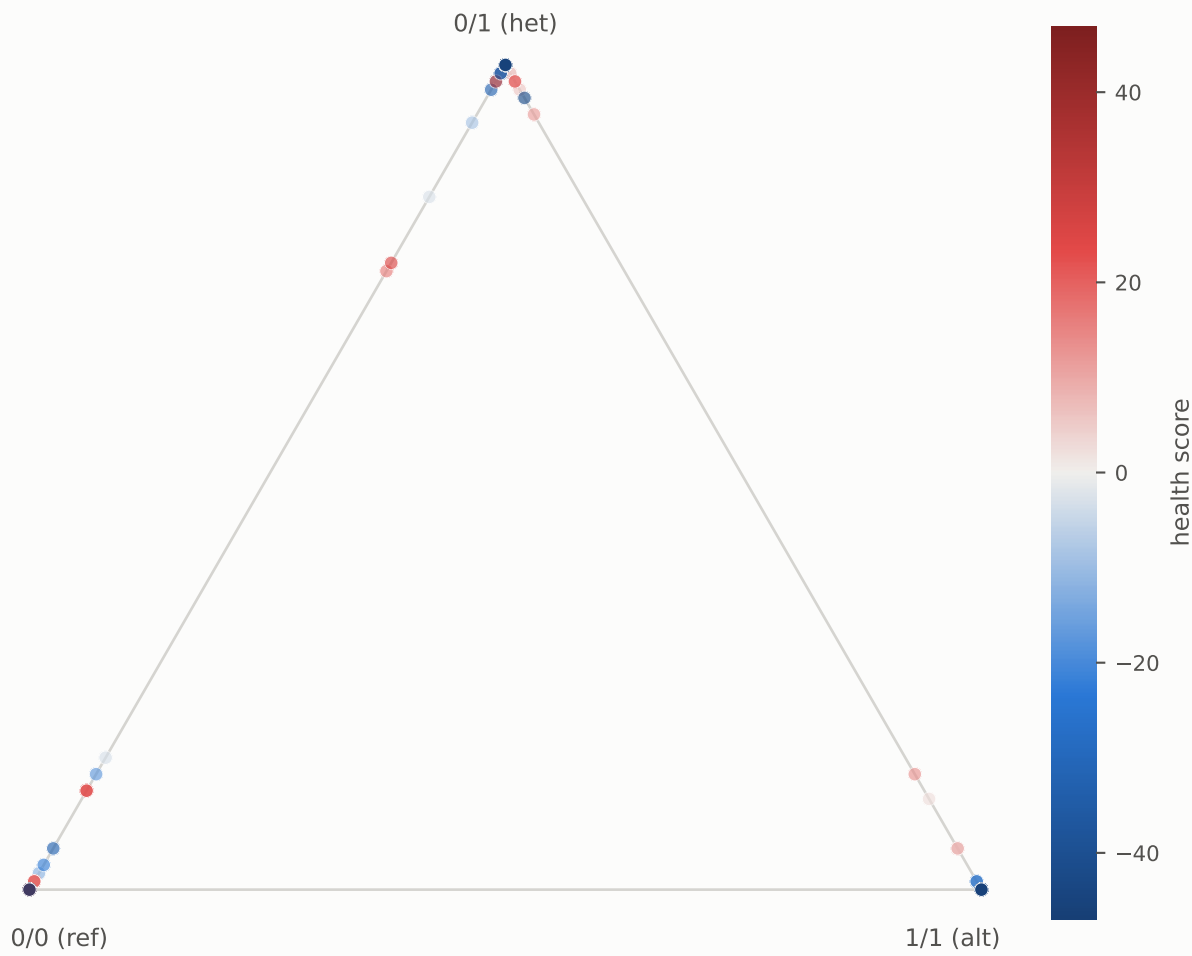
#68 by health association CHR_13:23,002,474 G>A
AF=0.23 DR2=0.94 $r=-0.217$ H=0.083 F=12.1



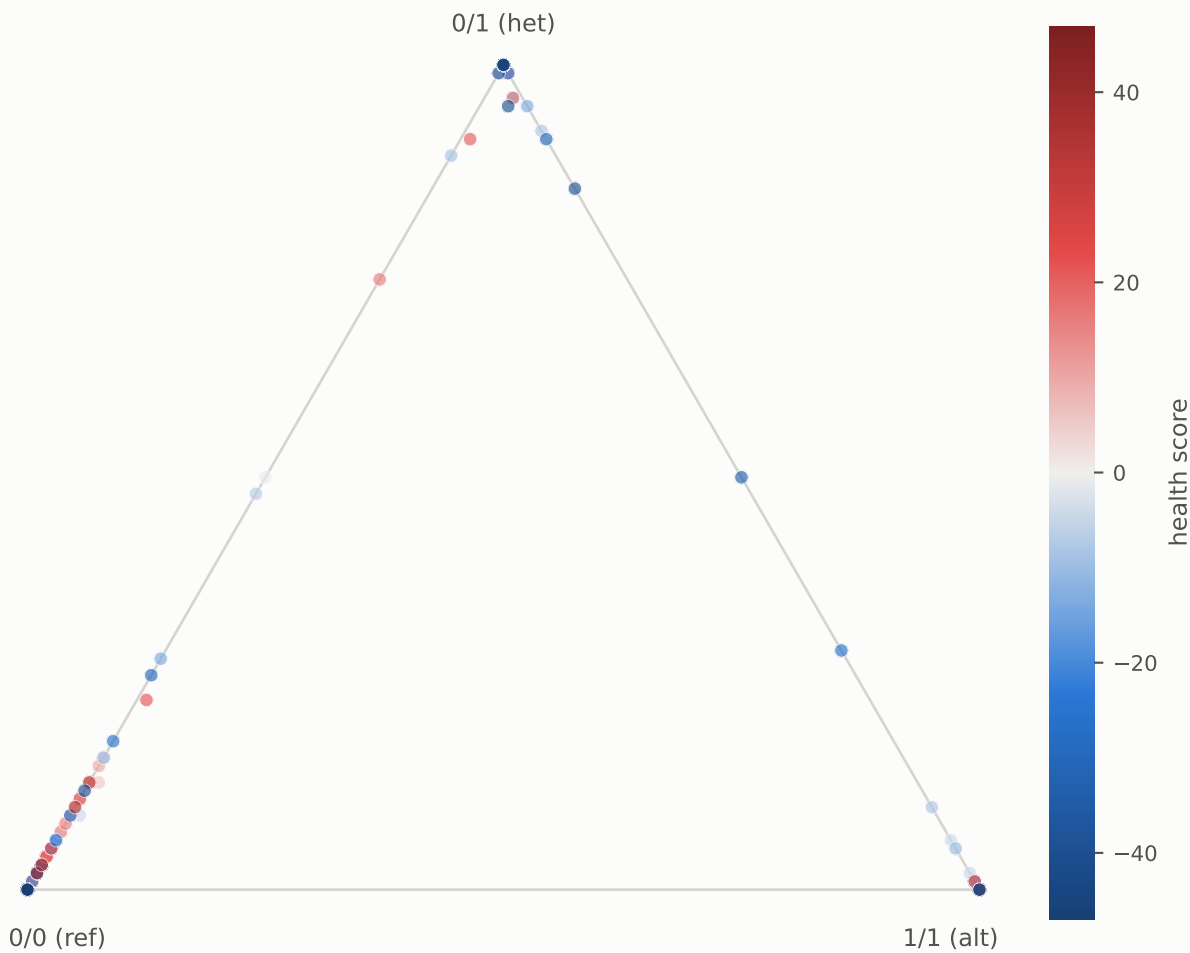
#69 by health association CHR_01:29,381,236 G>A
AF=0.024 DR2=0.9 $r=-0.217$ H=0.020 F=9.9



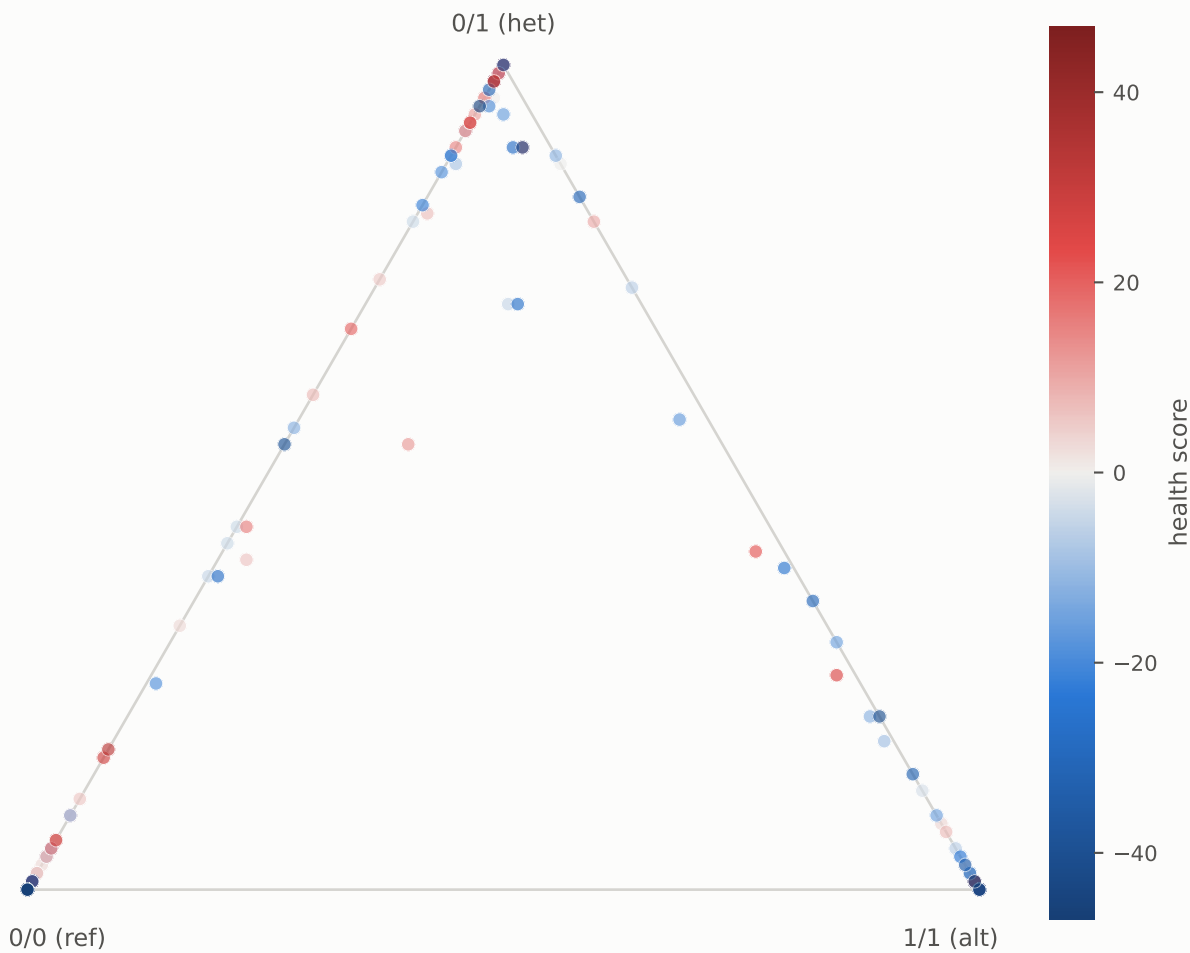
#70 by health association CHR_13:9,260,462 A>T
AF=0.42 DR2=0.99 $r=-0.217$ $\bar{H}=0.015$ $F=12.6$



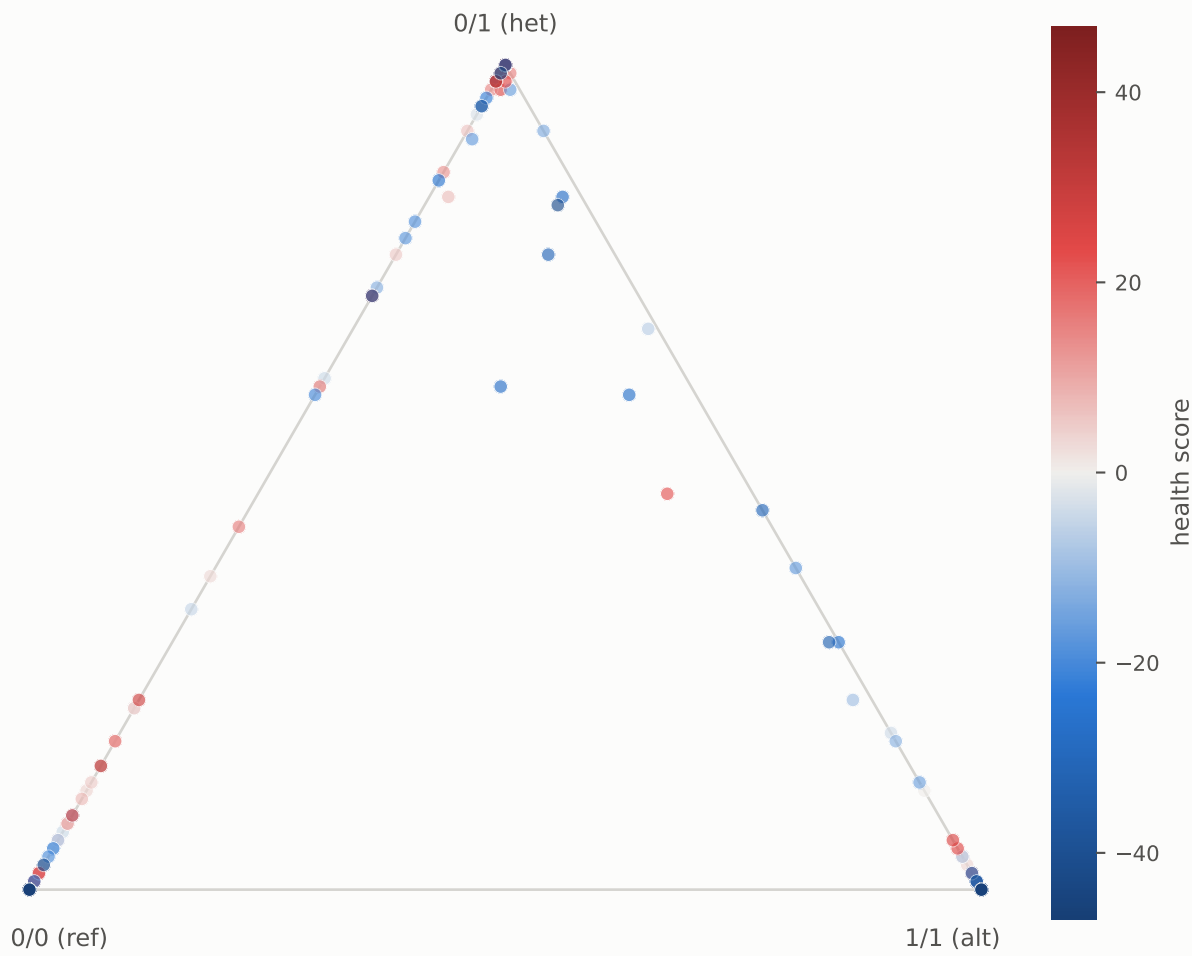
#71 by health association CHR_10:9,158,248 C>T
AF=0.2 DR2=0.95 $r=-0.217$ $\bar{H}=0.049$ $F=13.3$



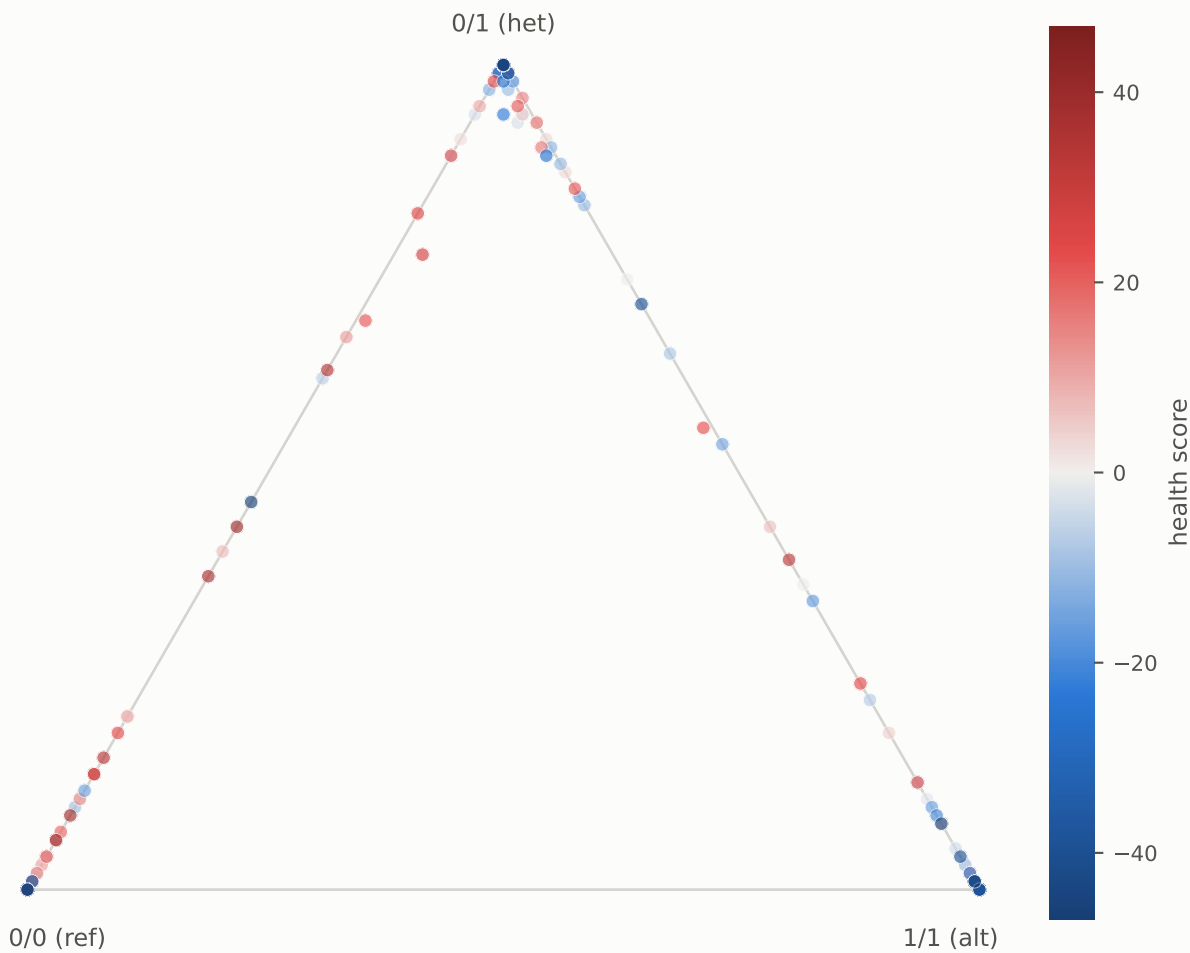
#72 by health association CHR_13:23,002,265 T>C
AF=0.2 DR2=0.94 $r=-0.217$ $H=0.080$ $F=11.0$



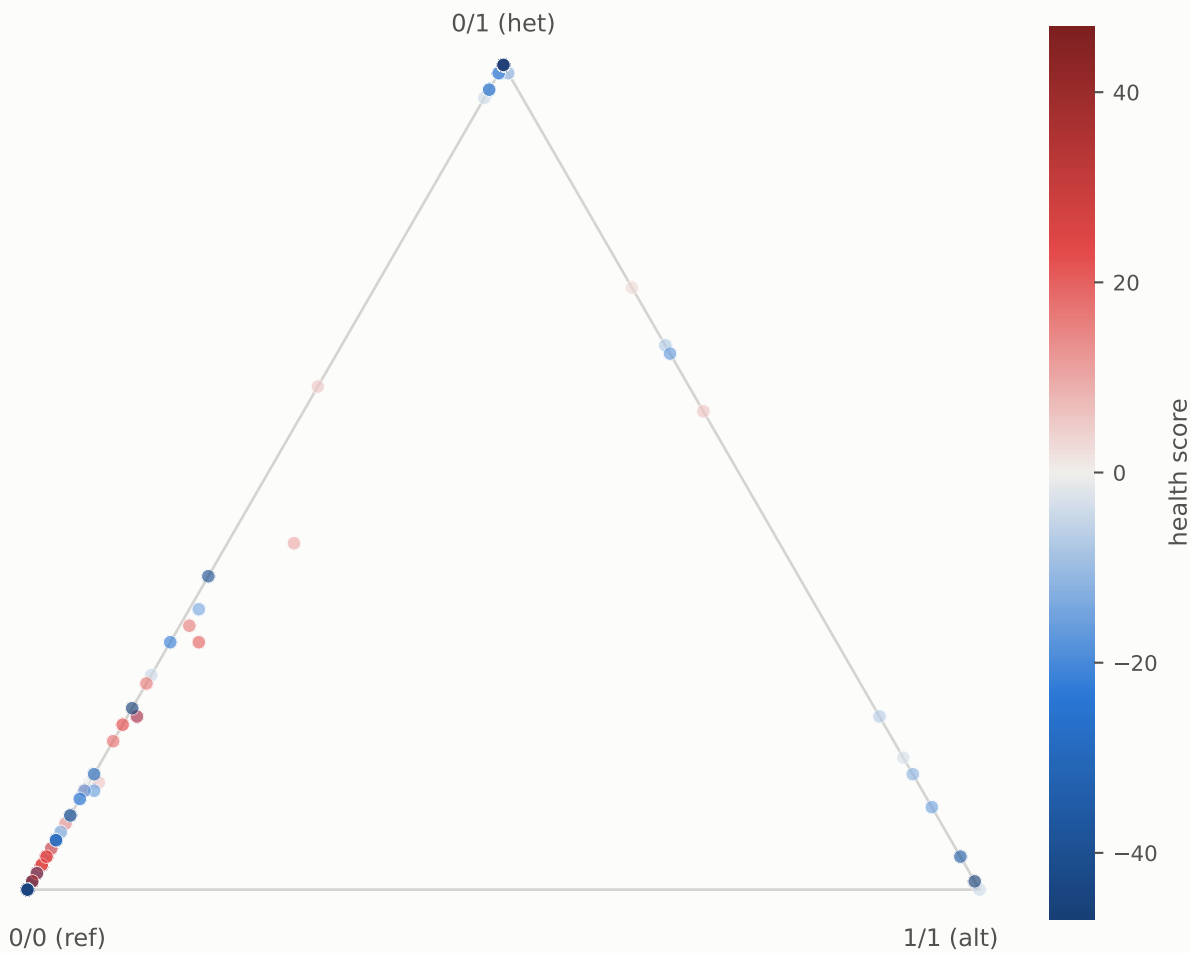
#73 by health association CHR_13:23,002,661 T>G
AF=0.22 DR2=0.95 $r=-0.217$ H=0.076 F=11.9



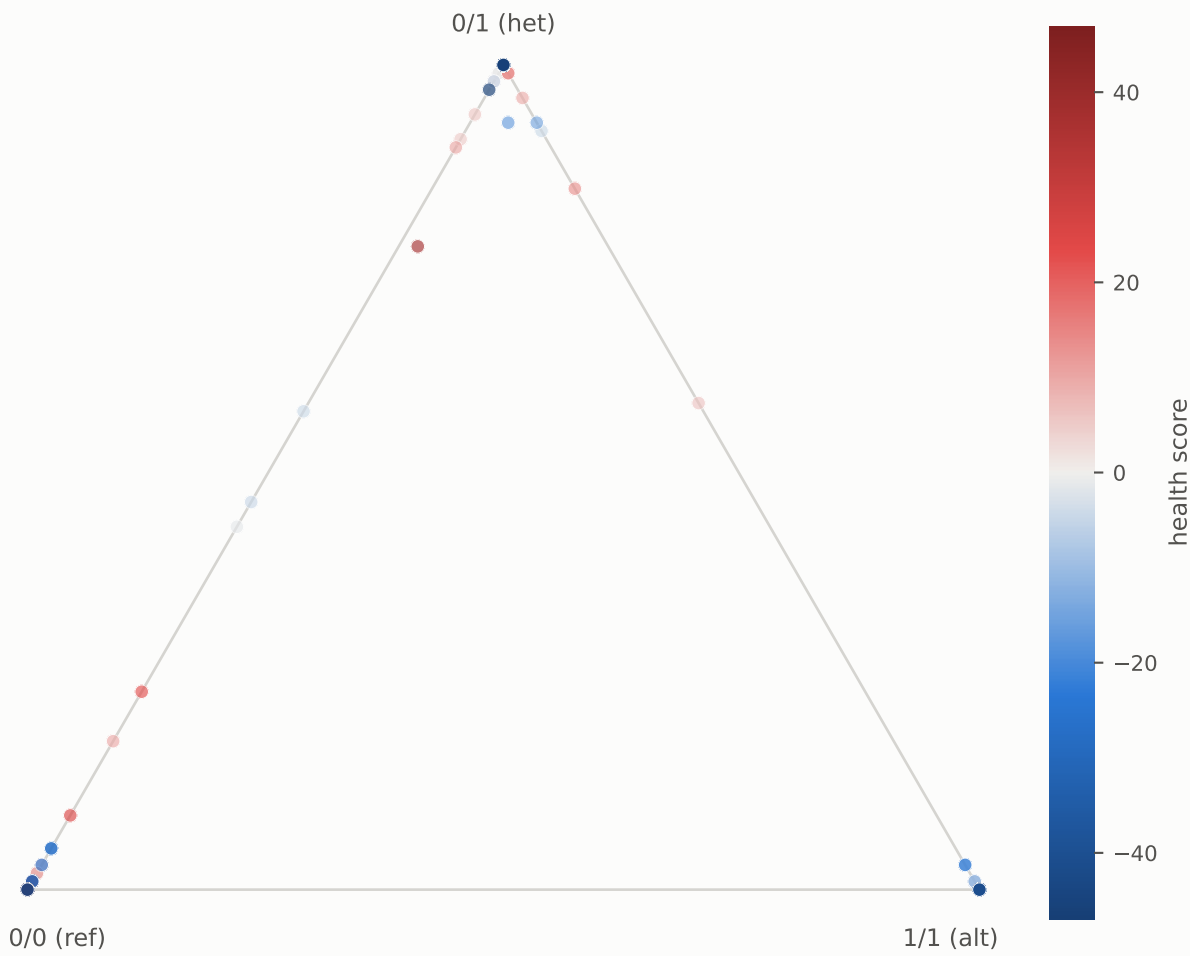
#74 by health association CHR_06:7,886,584 C>A
AF=0.46 DR2=0.96 $r=-0.217$ $H=0.074$ $F=11.1$



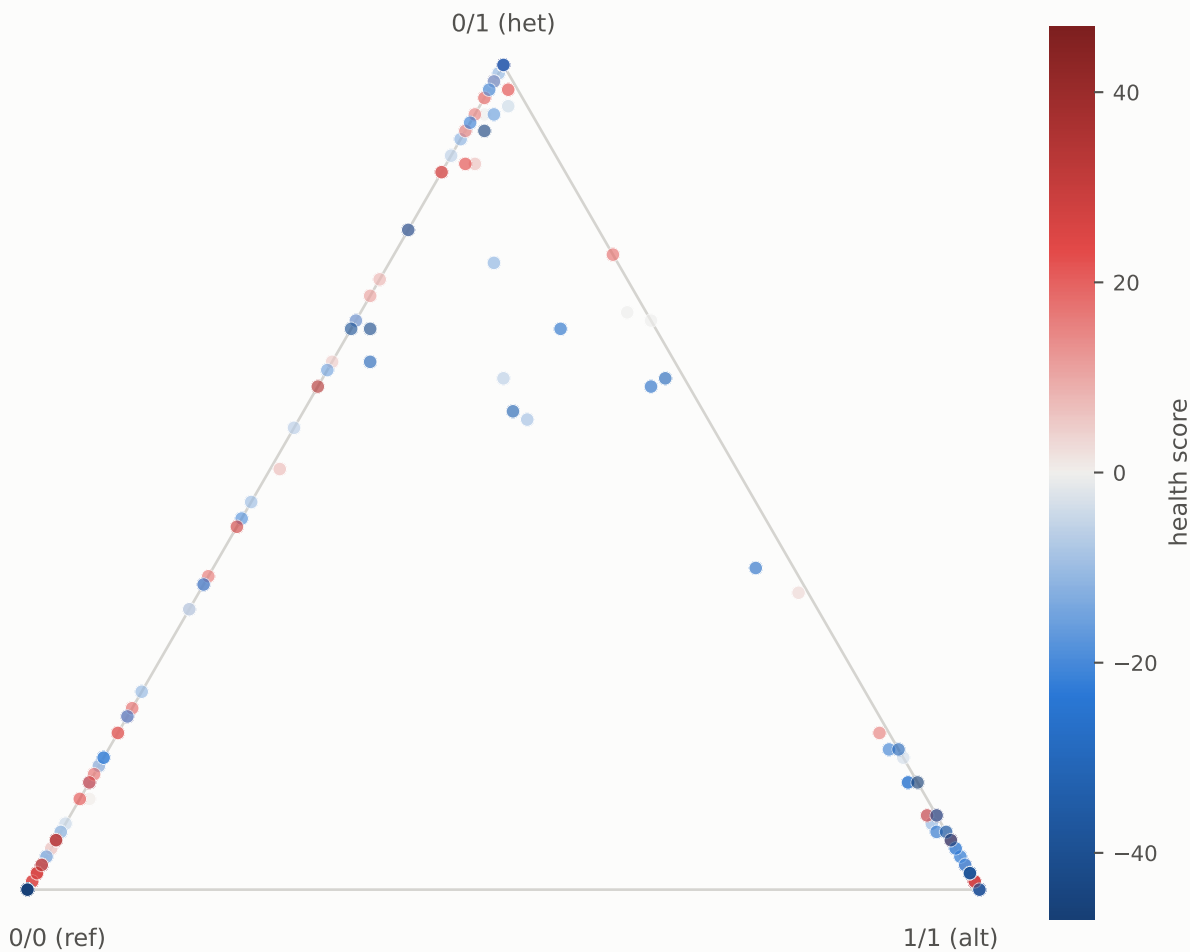
#75 by health association CHR_20:4,505,530 G>A
AF=0.11 DR2=0.88 $r=-0.217$ $H=0.062$ $F=10.3$



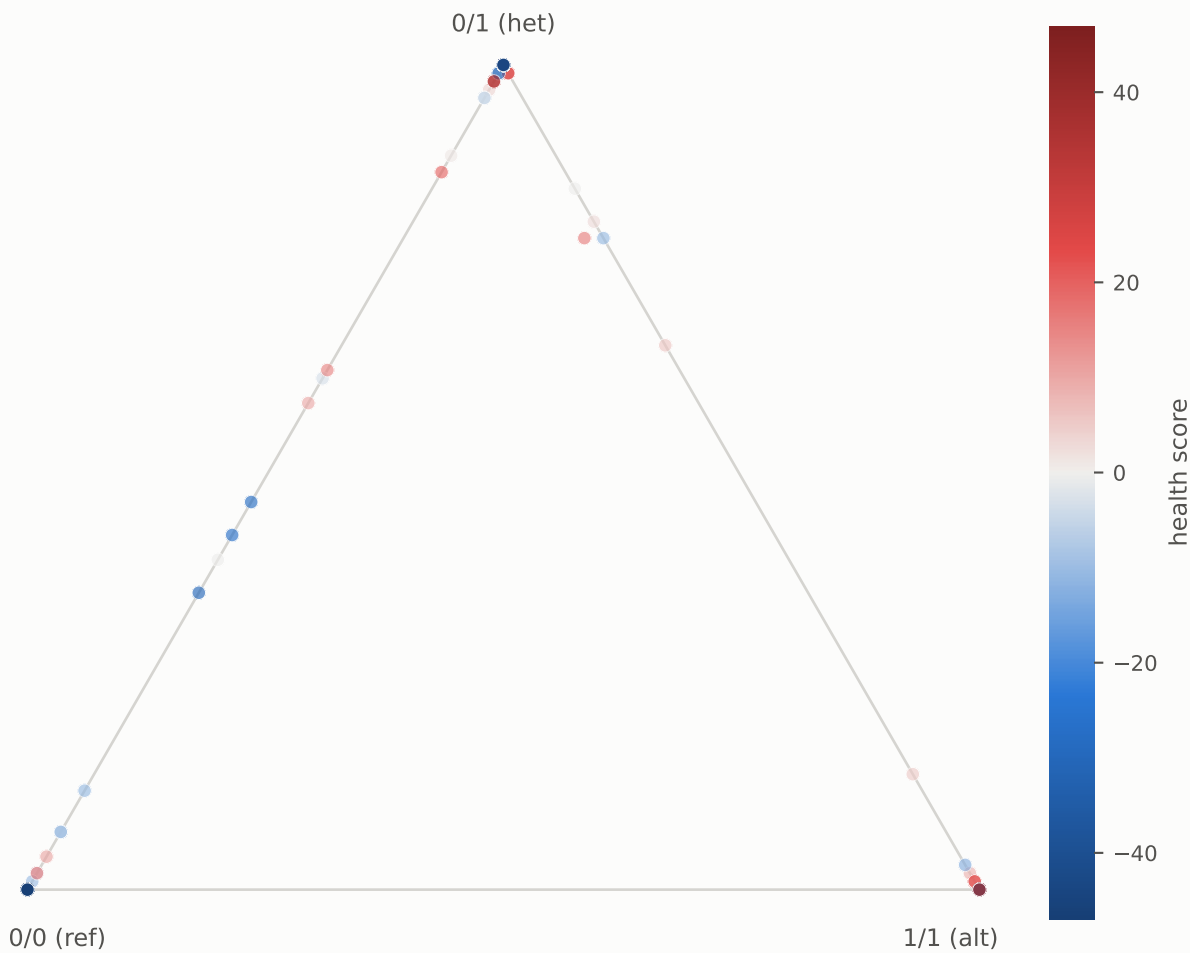
#76 by health association CHR_15:29,584,365 C>A
AF=0.22 DR2=0.97 $r=-0.216$ H=0.022 F=11.0



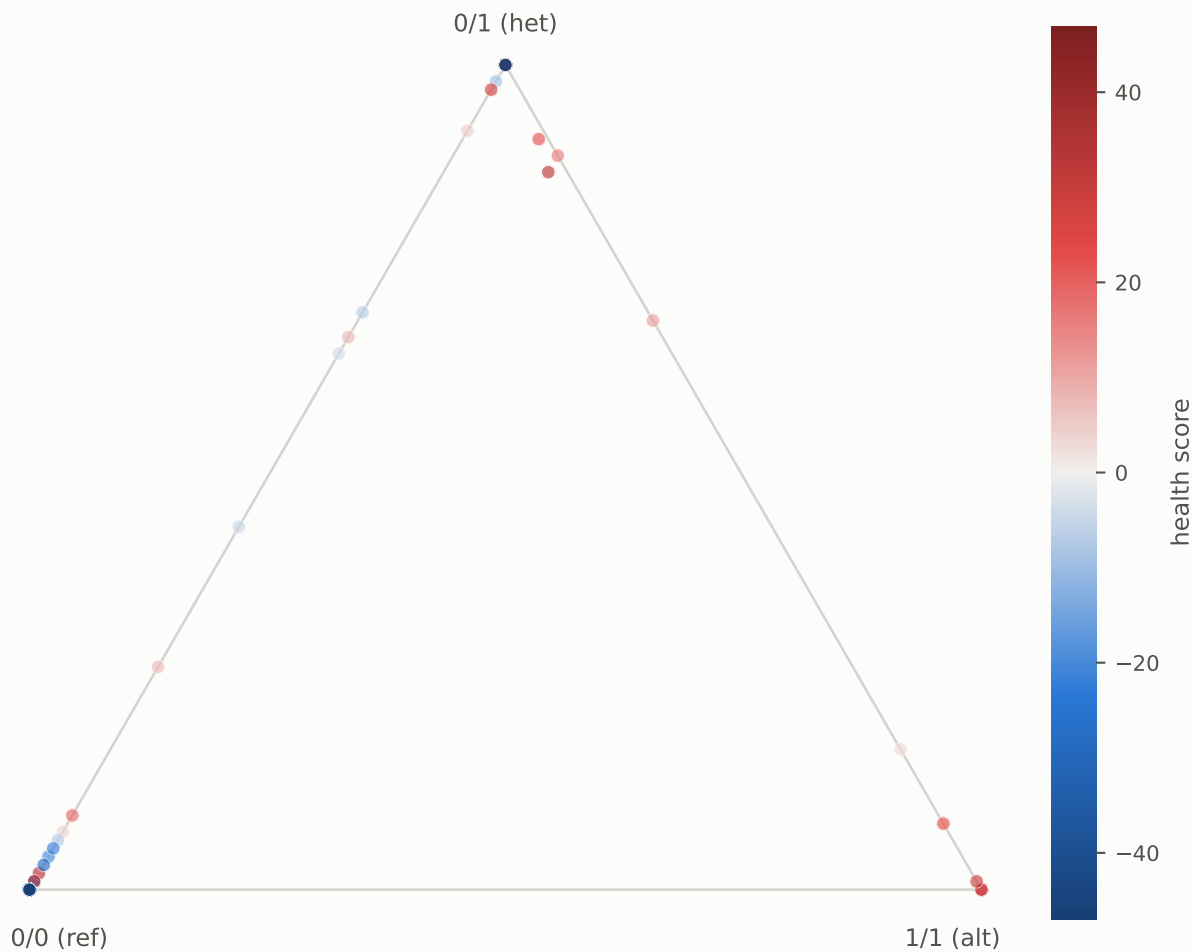
#77 by health association CHR_13:23,004,323 A>C
AF=0.21 DR2=0.93 $r=-0.216$ H=0.120 F=11.4



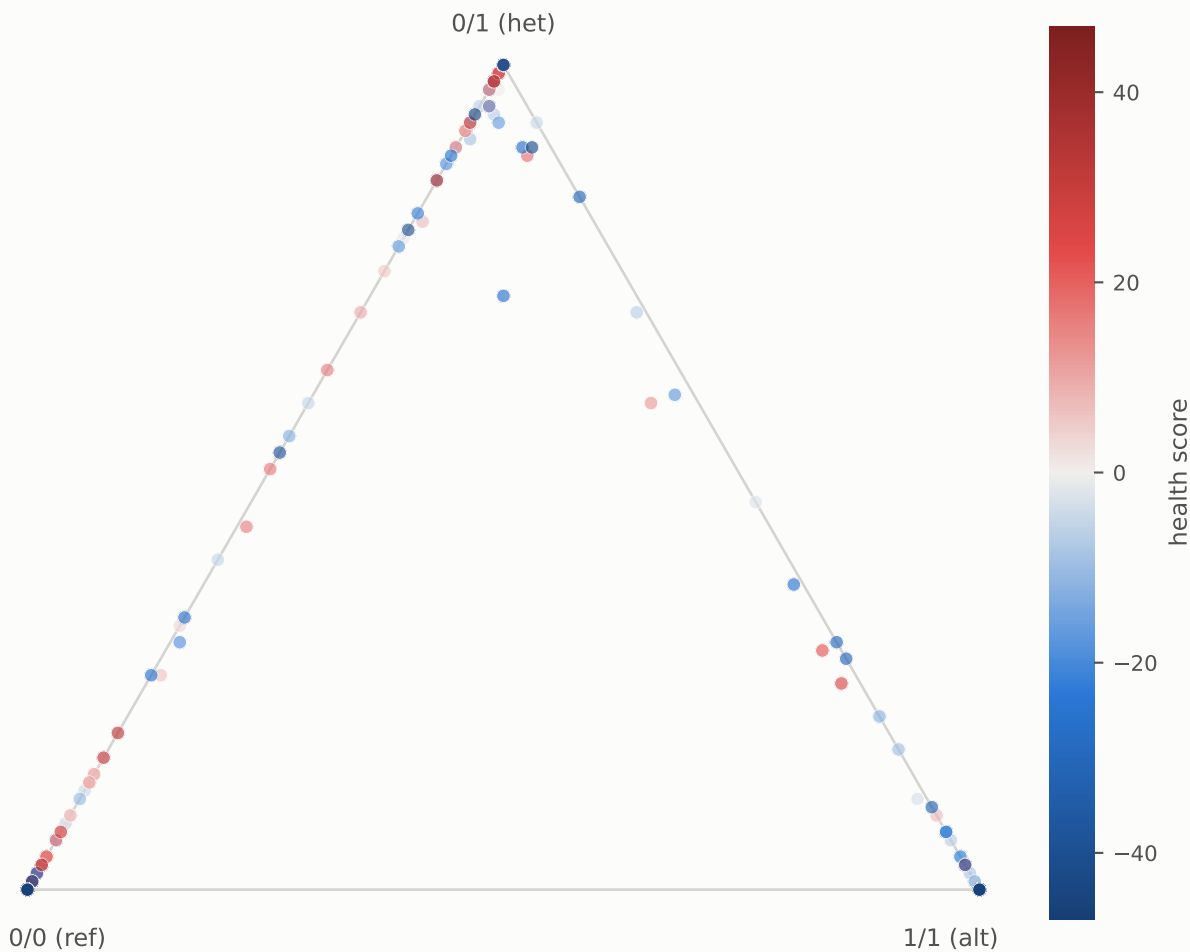
#78 by health association CHR_01:42,424,907 G>T
AF=0.24 DR2=0.97 r=+0.216 H=0.025 F=12.2



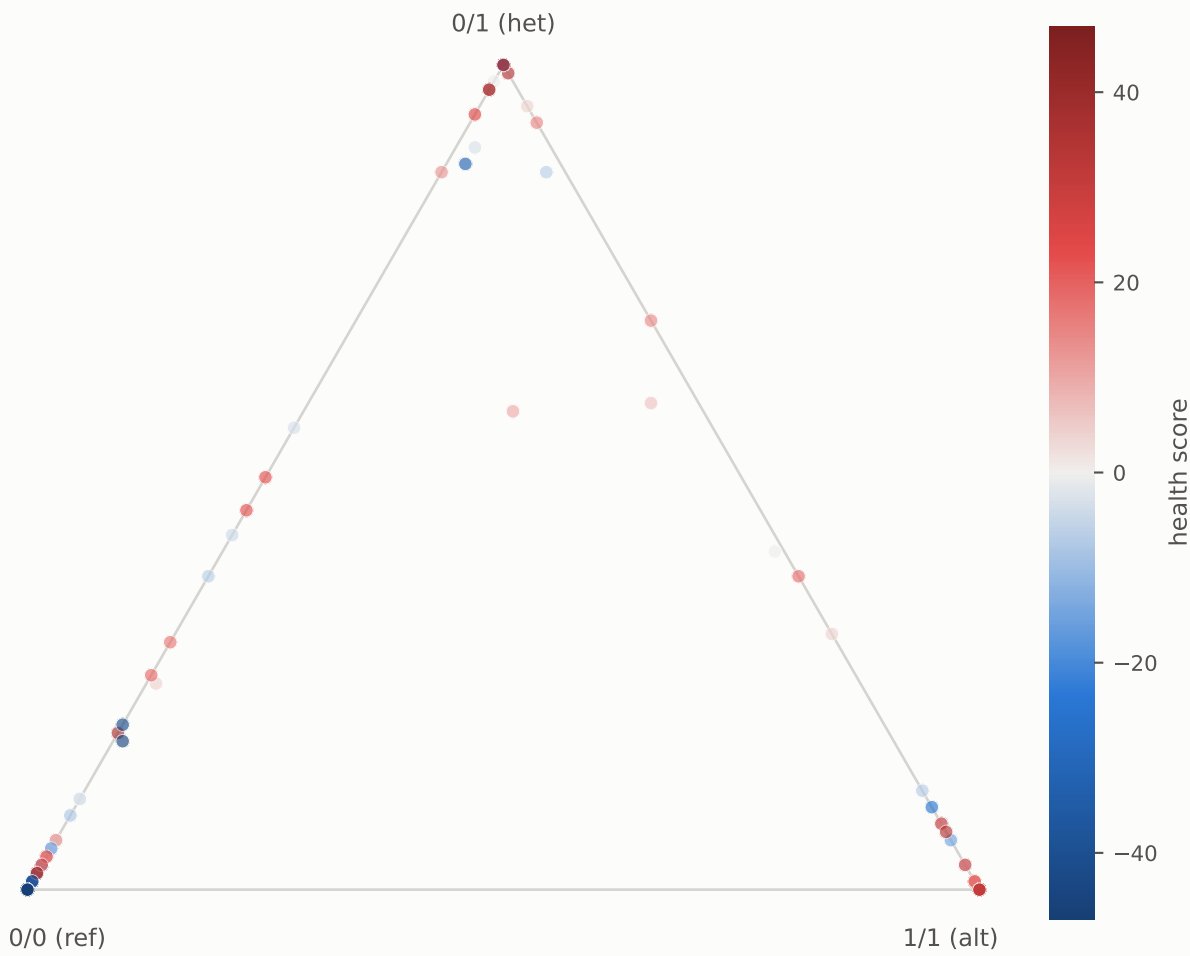
#79 by health association CHR_22:4,062,001 C>T
AF=0.1 DR2=0.97 $r=+0.216$ $\bar{H}=0.018$ F=10.5



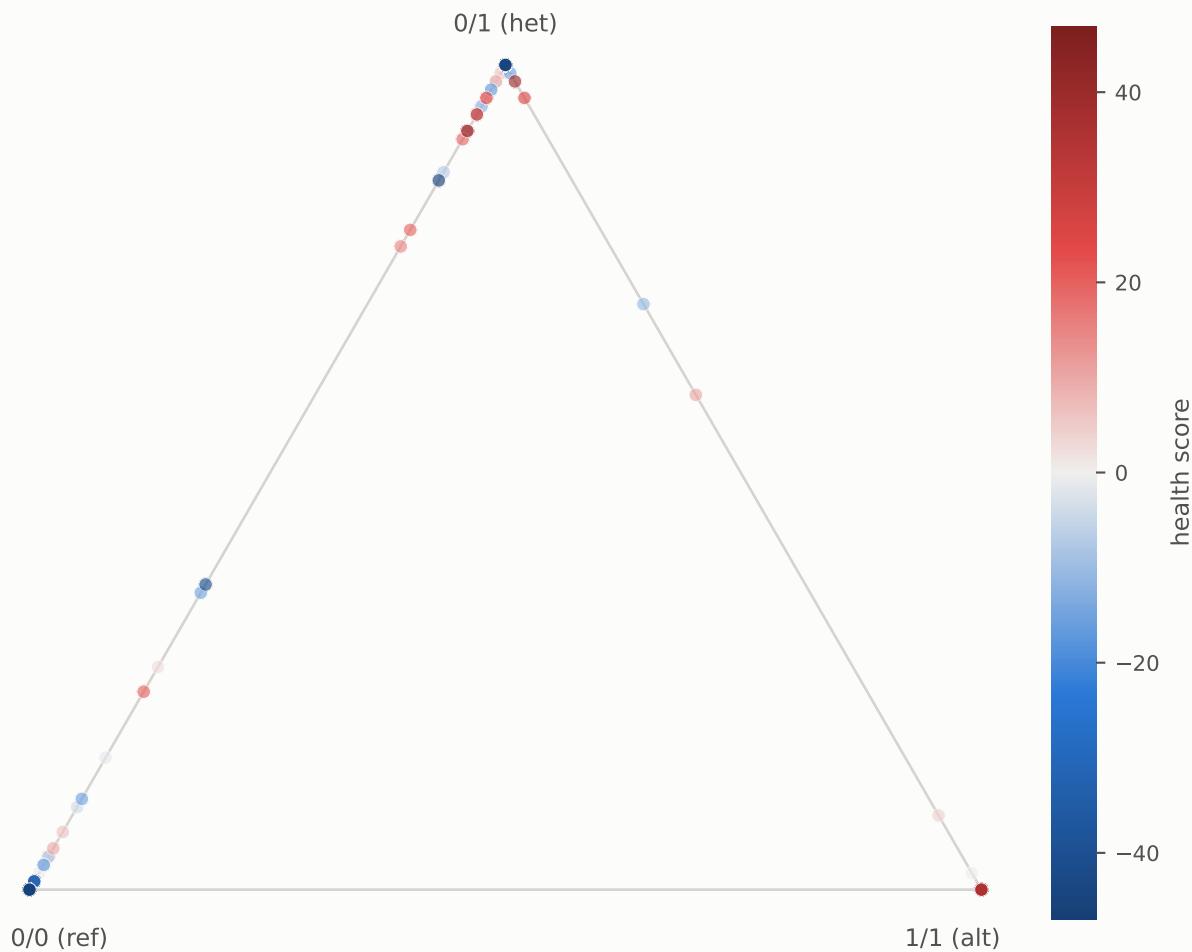
#80 by health association CHR_13:23,002,096 A>G
AF=0.22 DR2=0.94 $r=-0.216$ H=0.091 F=11.0



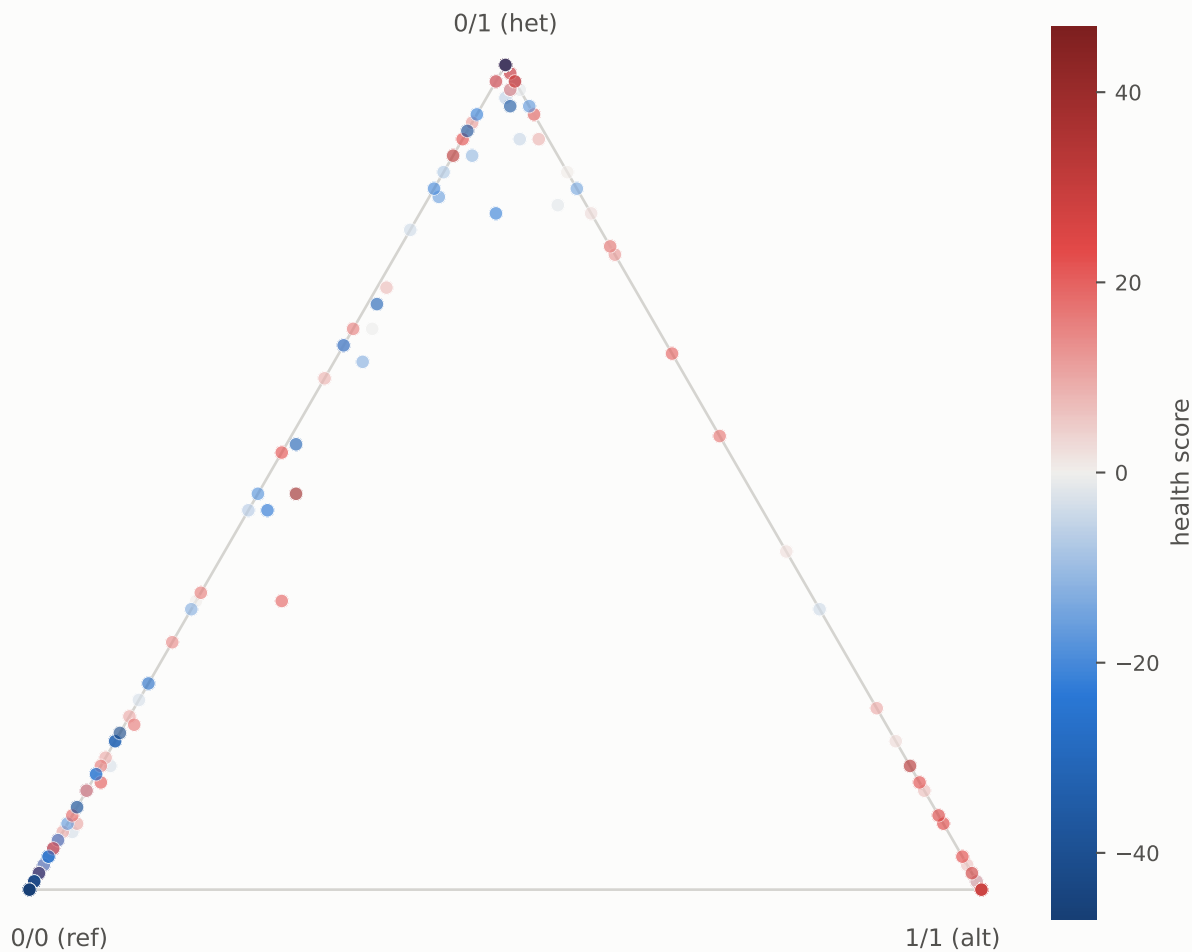
#81 by health association CHR_14:17,029,049 C>T
AF=0.14 DR2=0.95 $r=+0.216$ H=0.048 F=11.4



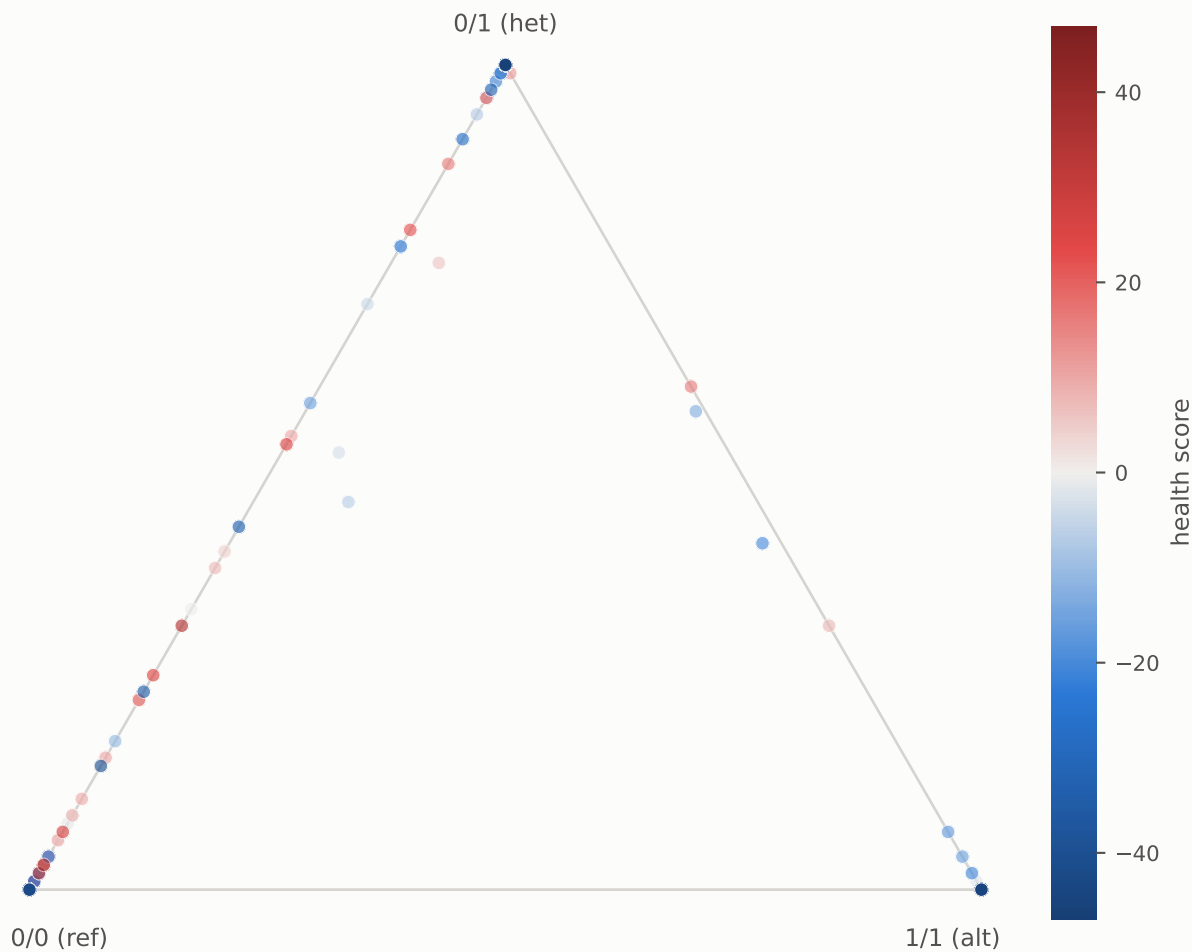
#82 by health association CHR_14:16,985,179 A>G
AF=0.18 DR2=0.98 $r=+0.216$ H=0.026 F=12.0



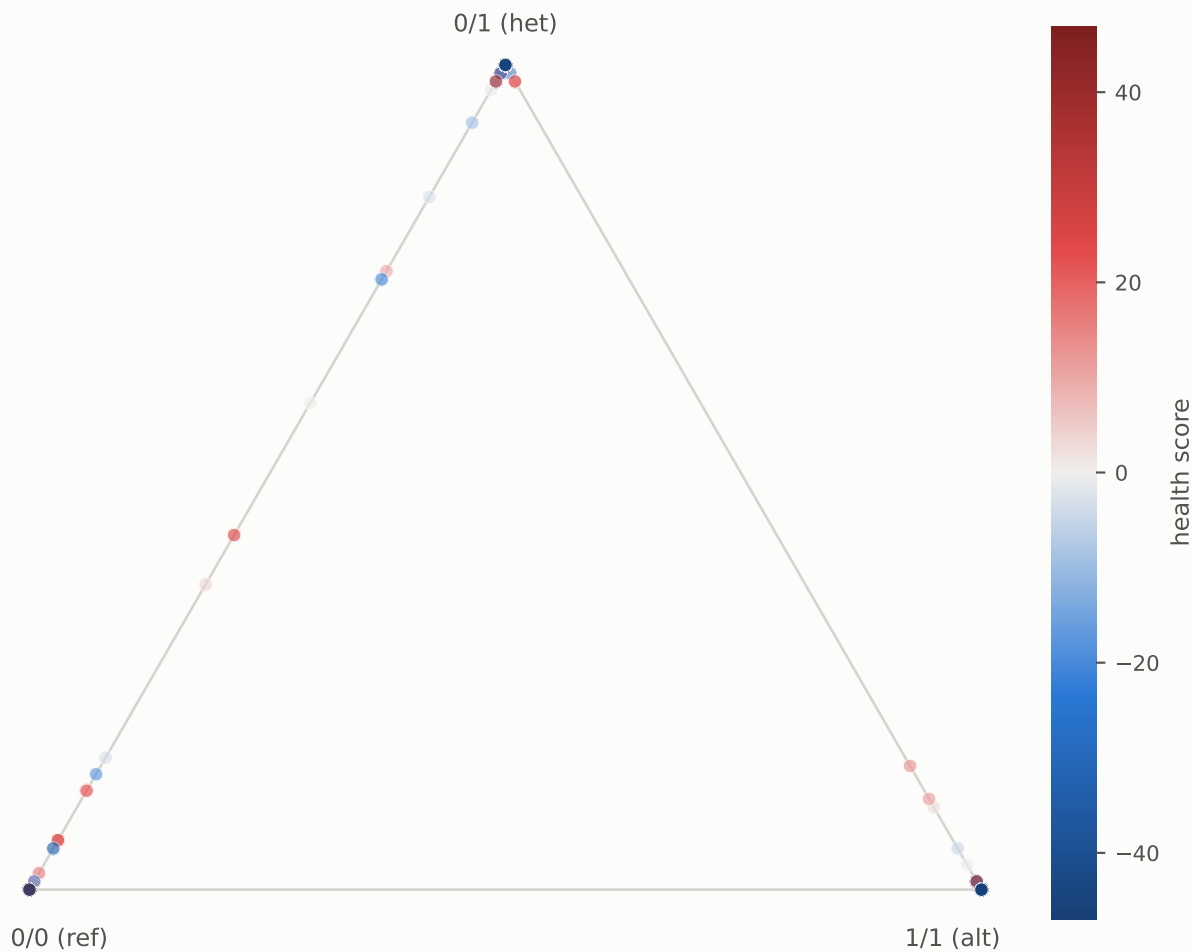
#83 by health association CHR_03:38,584,591 C>T
AF=0.23 DR2=0.9 r=+0.216 H=0.100 F=10.0



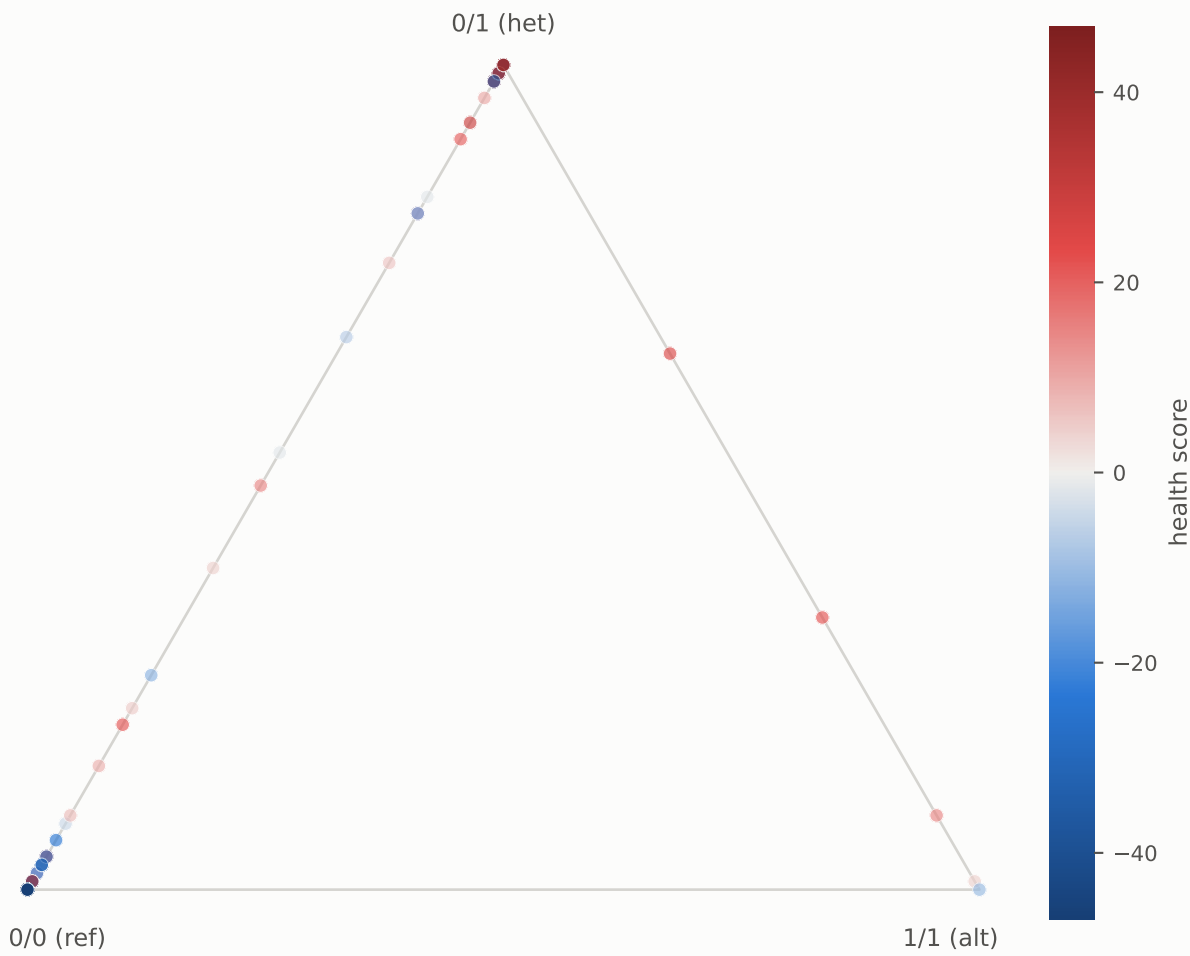
#84 by health association CHR_04:23,615,884 T>A
AF=0.14 DR2=0.95 $r=-0.216$ H=0.051 F=10.9



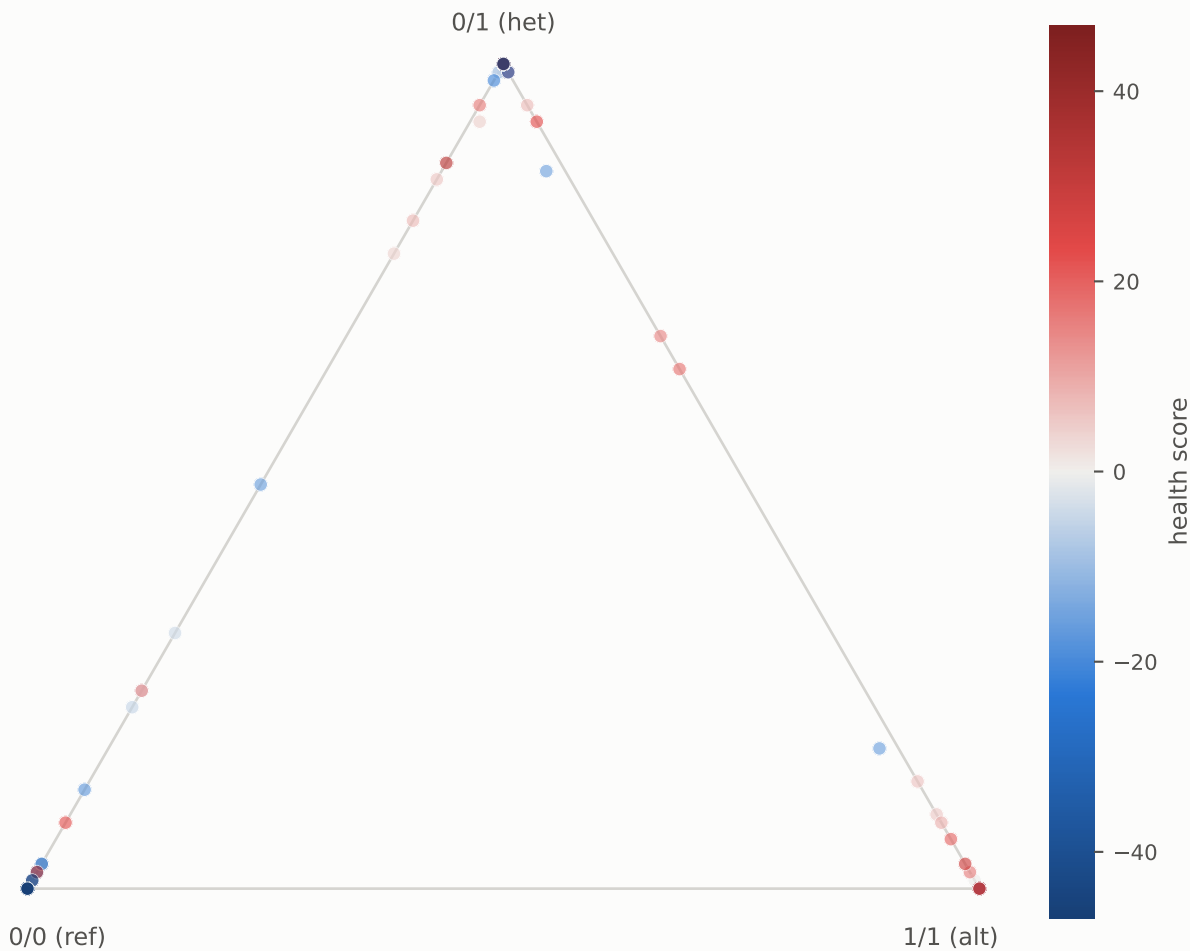
#85 by health association CHR_13:9,260,541 T>C
AF=0.41 DR2=0.98 $r=-0.215$ $H=0.019$ $F=12.1$



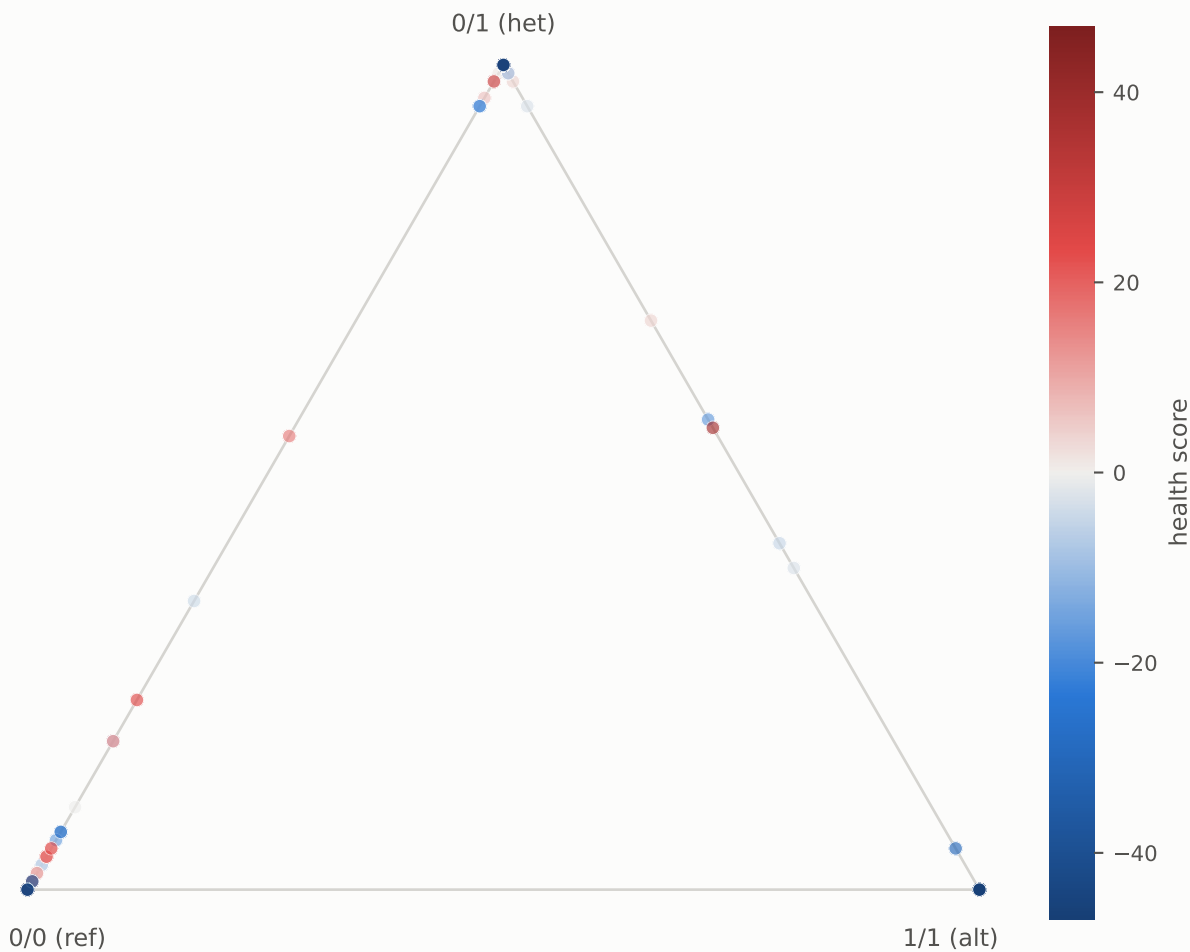
#86 by health association CHR_05:25,037,443 C>T
AF=0.14 DR2=0.96 r=+0.215 H=0.028 F=20.2



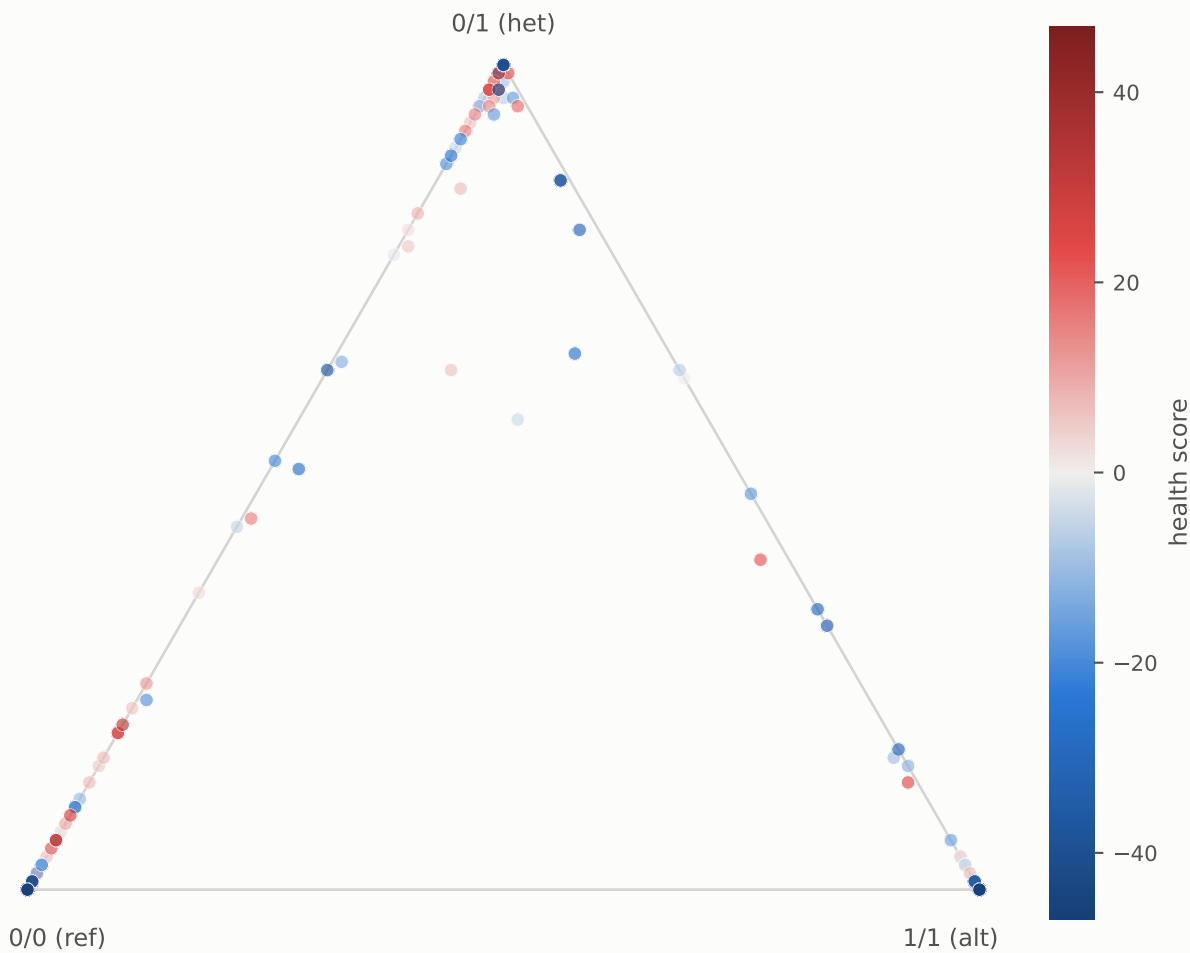
#87 by health association CHR_14:17,029,635 G>T
AF=0.17 DR2=0.98 r=+0.215 H=0.025 F=11.6



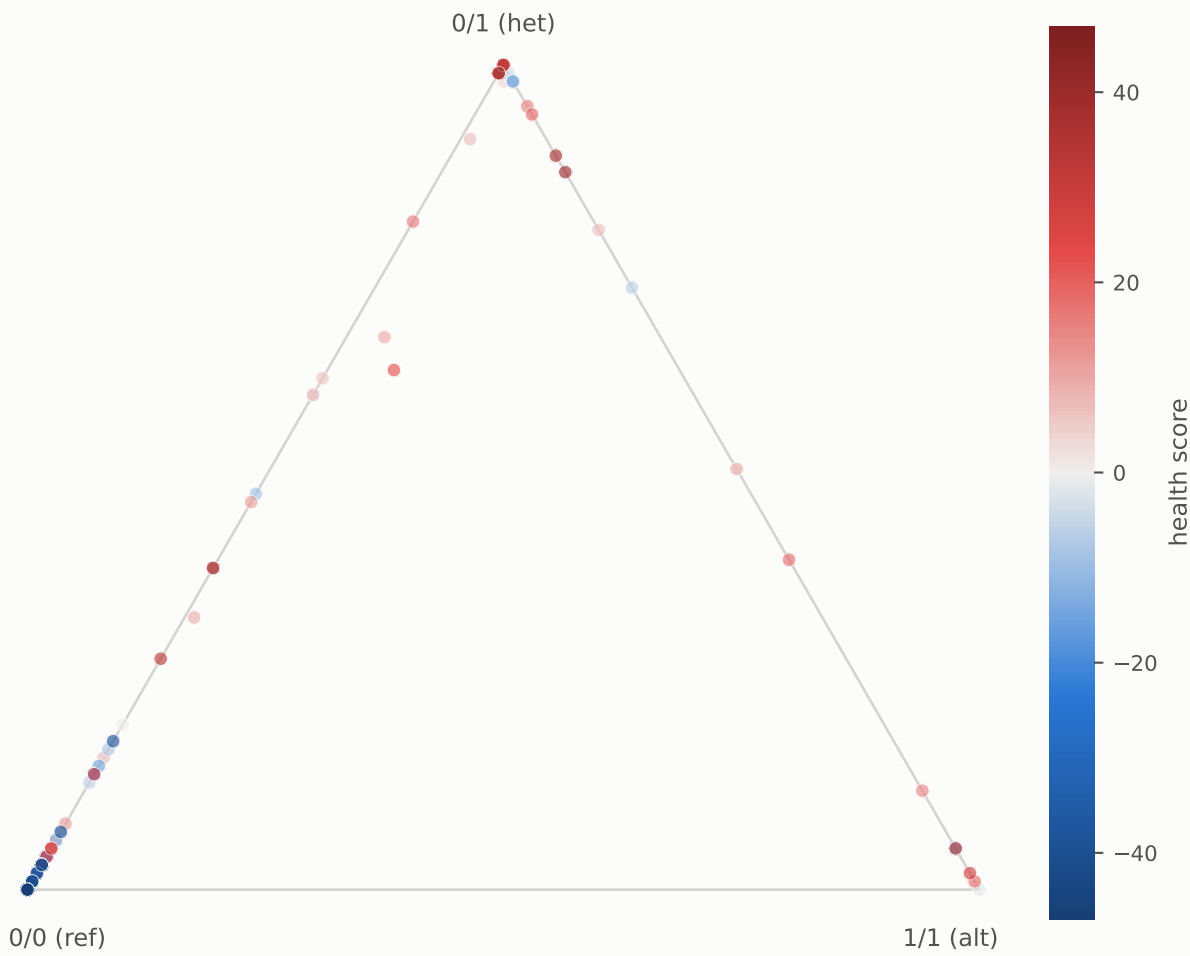
#88 by health association CHR_05:29,915,418 C>A
AF=0.21 DR2=0.98 $r=-0.215$ H=0.023 F=12.0



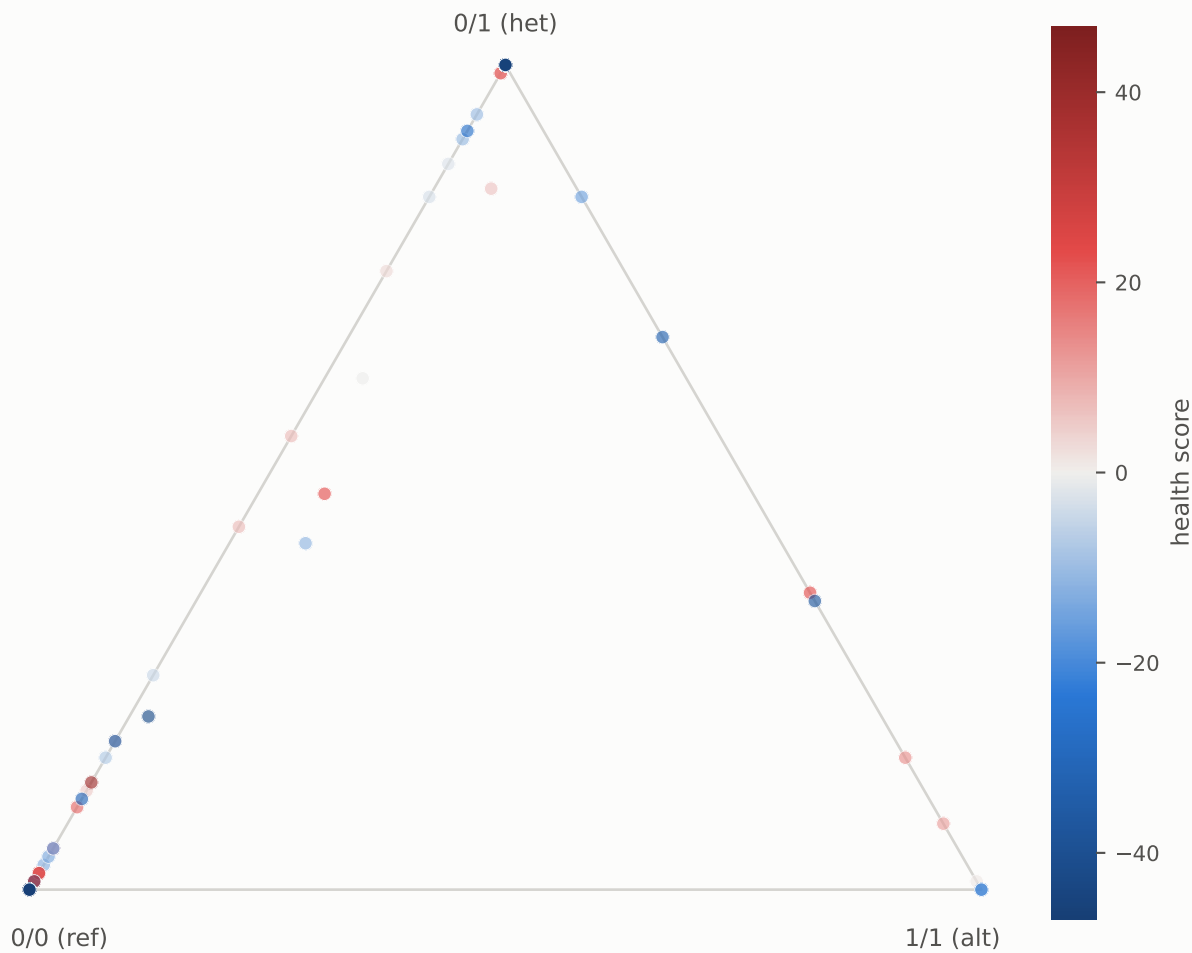
#89 by health association CHR_13:23,002,392 T>A
AF=0.24 DR2=0.94 $r=-0.215$ H=0.077 F=11.5



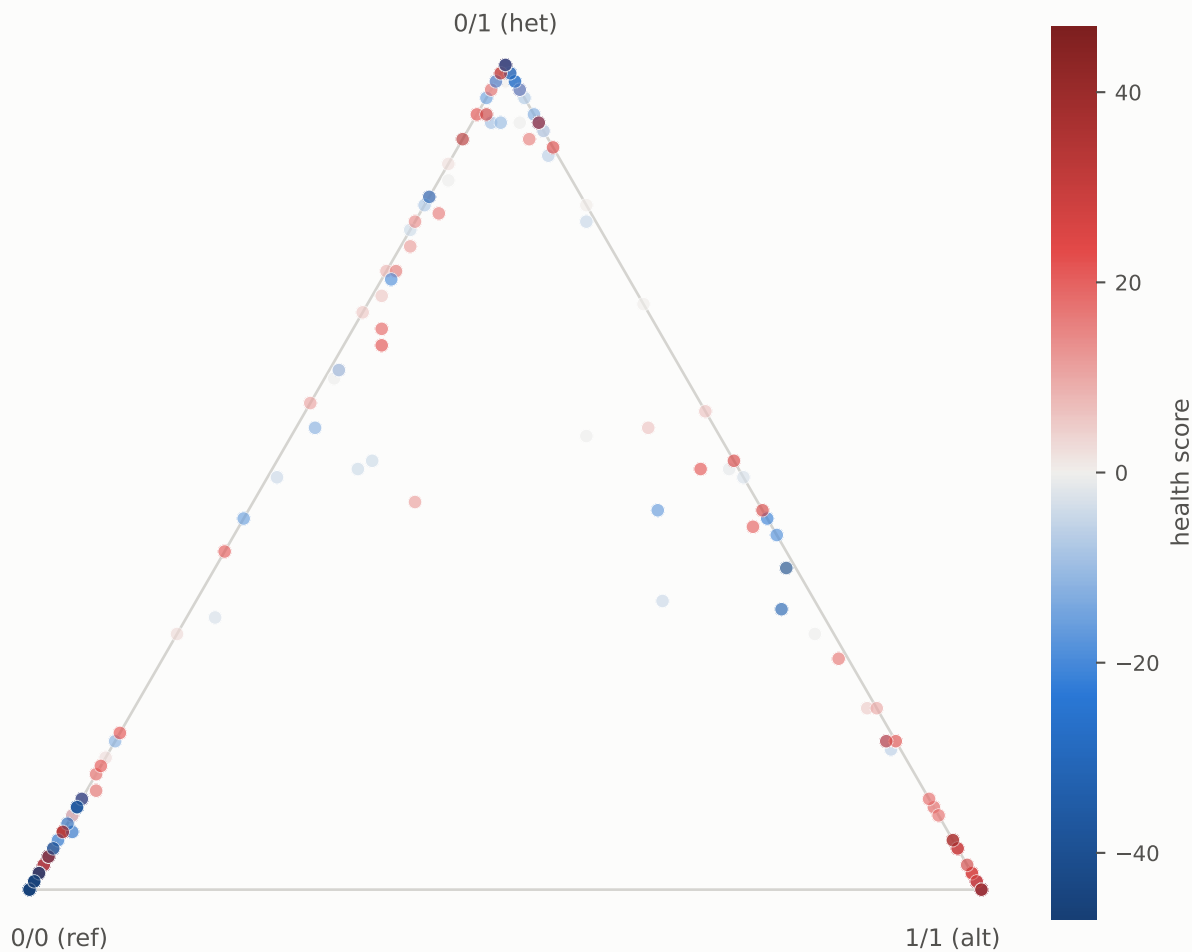
#90 by health association CHR_19:4,412,225 G>A
AF=0.068 DR2=0.88 $r=+0.215$ H=0.075 F=10.5



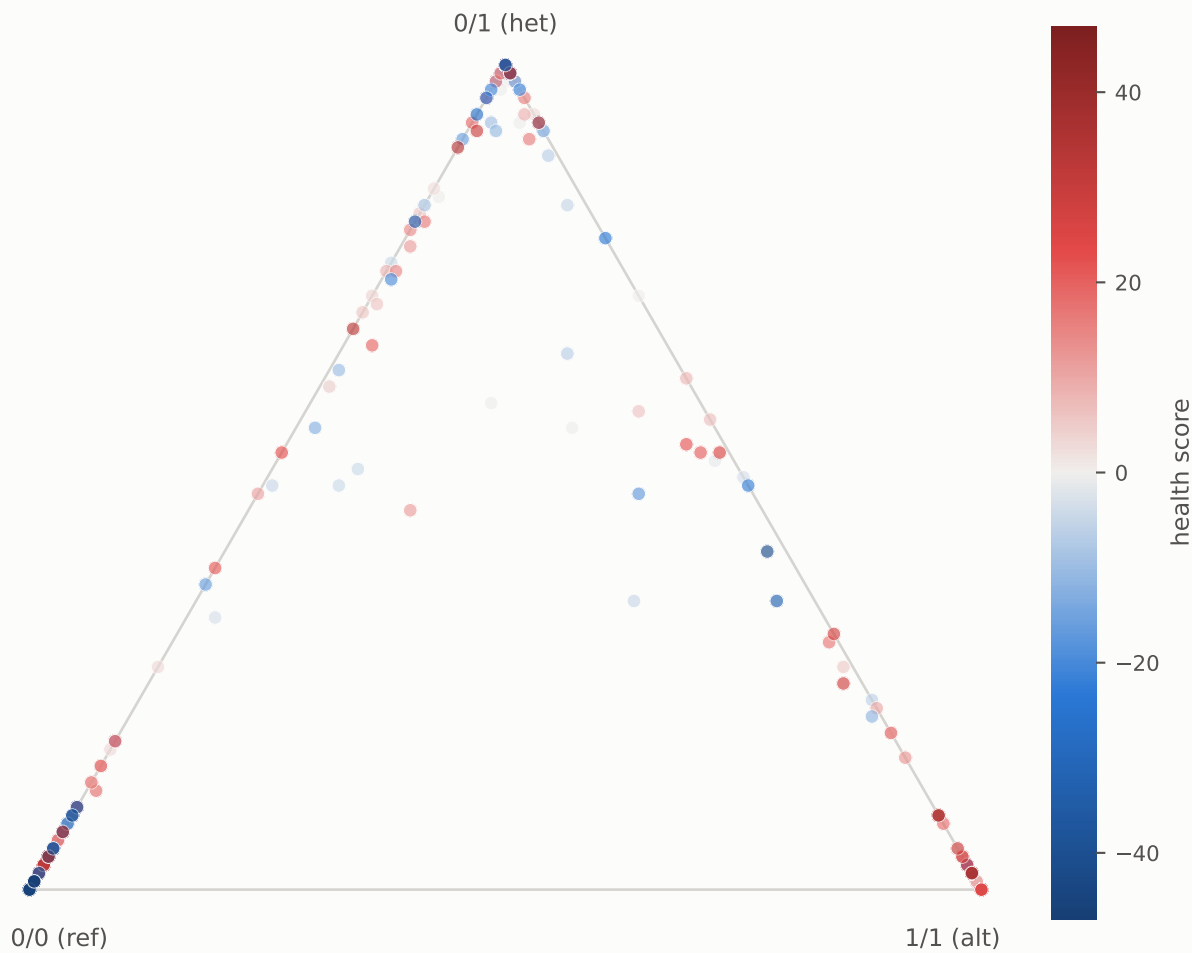
#91 by health association CHR_07:12,745,570 C>T
AF=0.11 DR2=0.93 $r=-0.215$ H=0.035 F=10.9



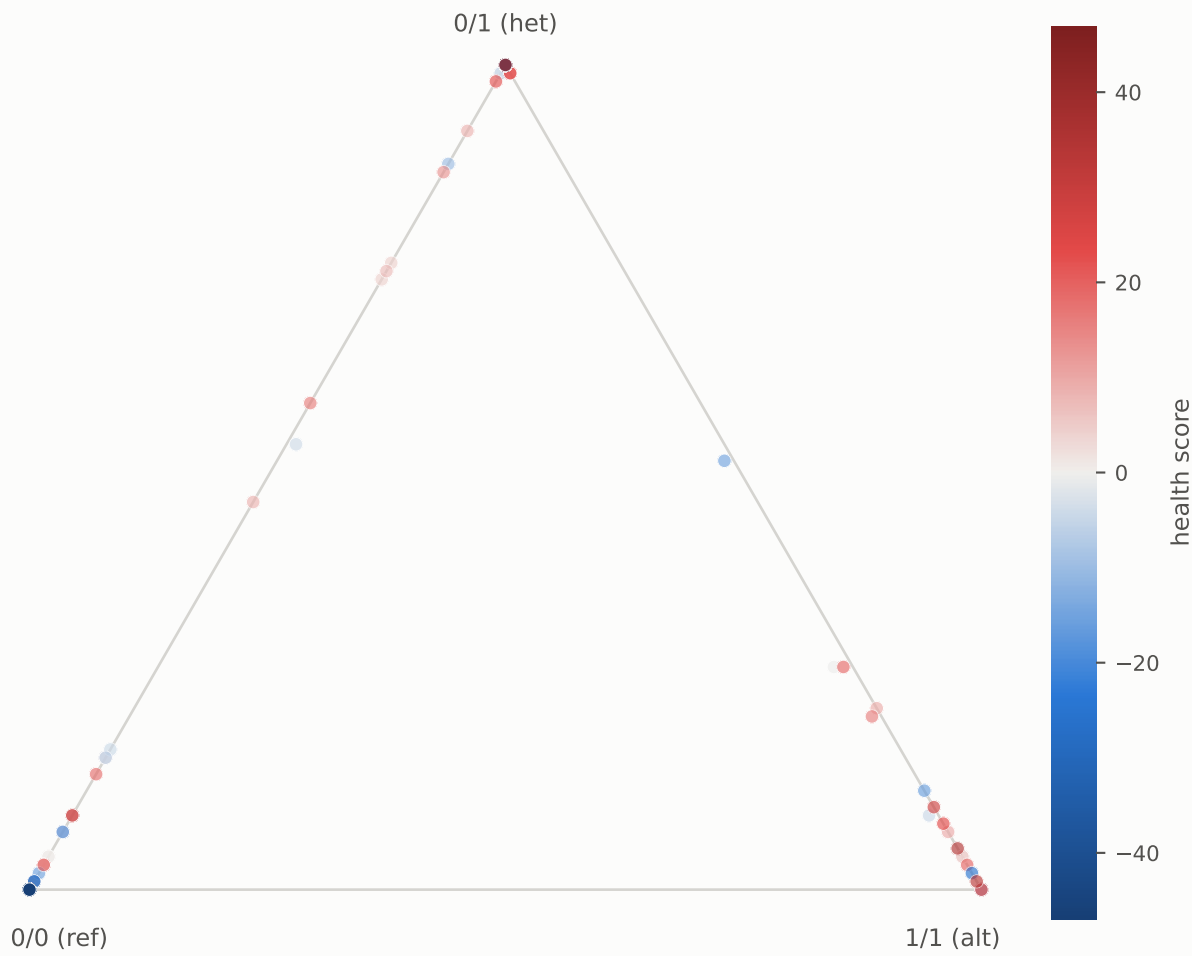
#92 by health association CHR_09:4,701,020 T>A
AF=0.28 DR2=0.9 $r=+0.215$ $\bar{H}=0.144$ F=10.1



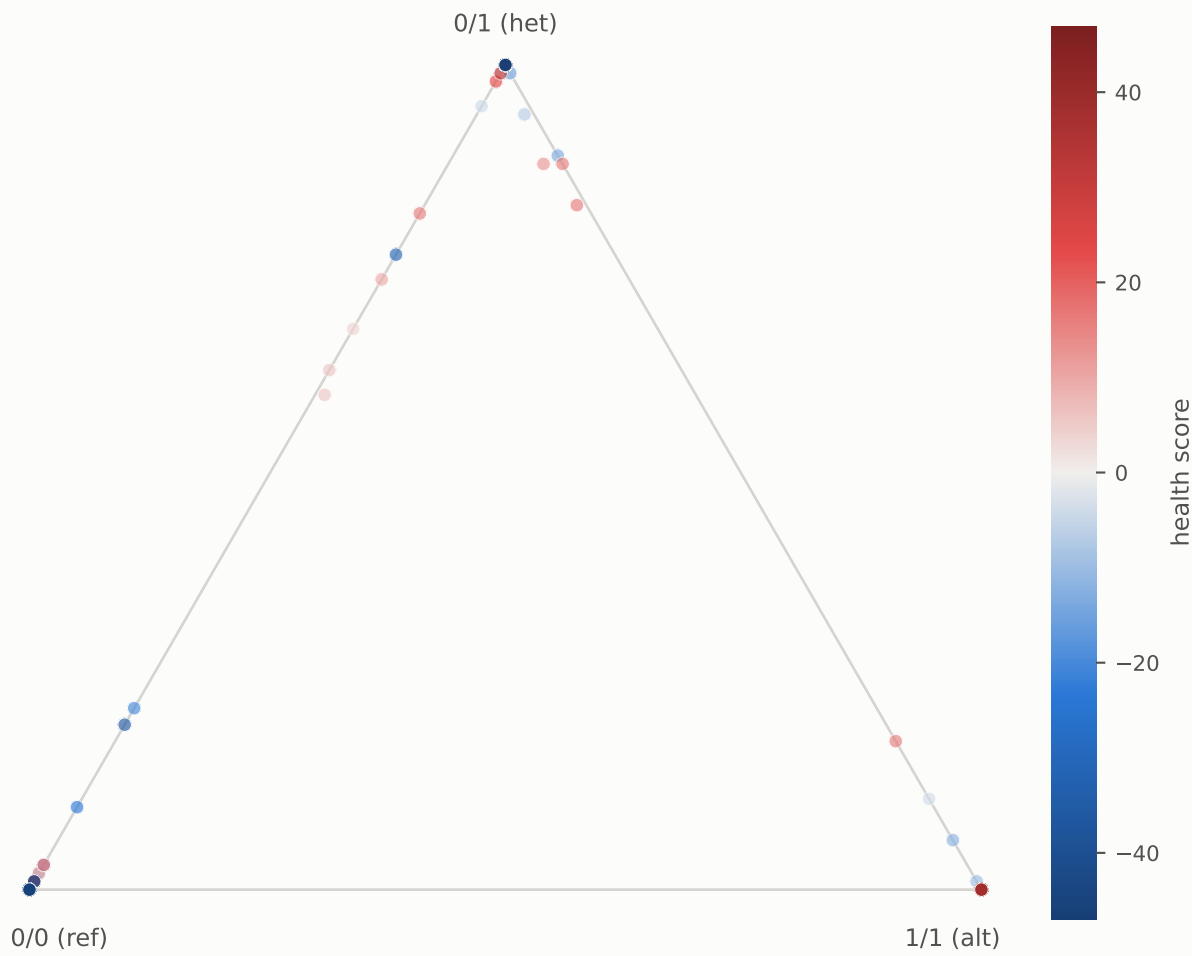
#93 by health association CHR_09:4,701,037 T>A
AF=0.26 DR2=0.89 r=+0.215 H=0.155 F=10.3



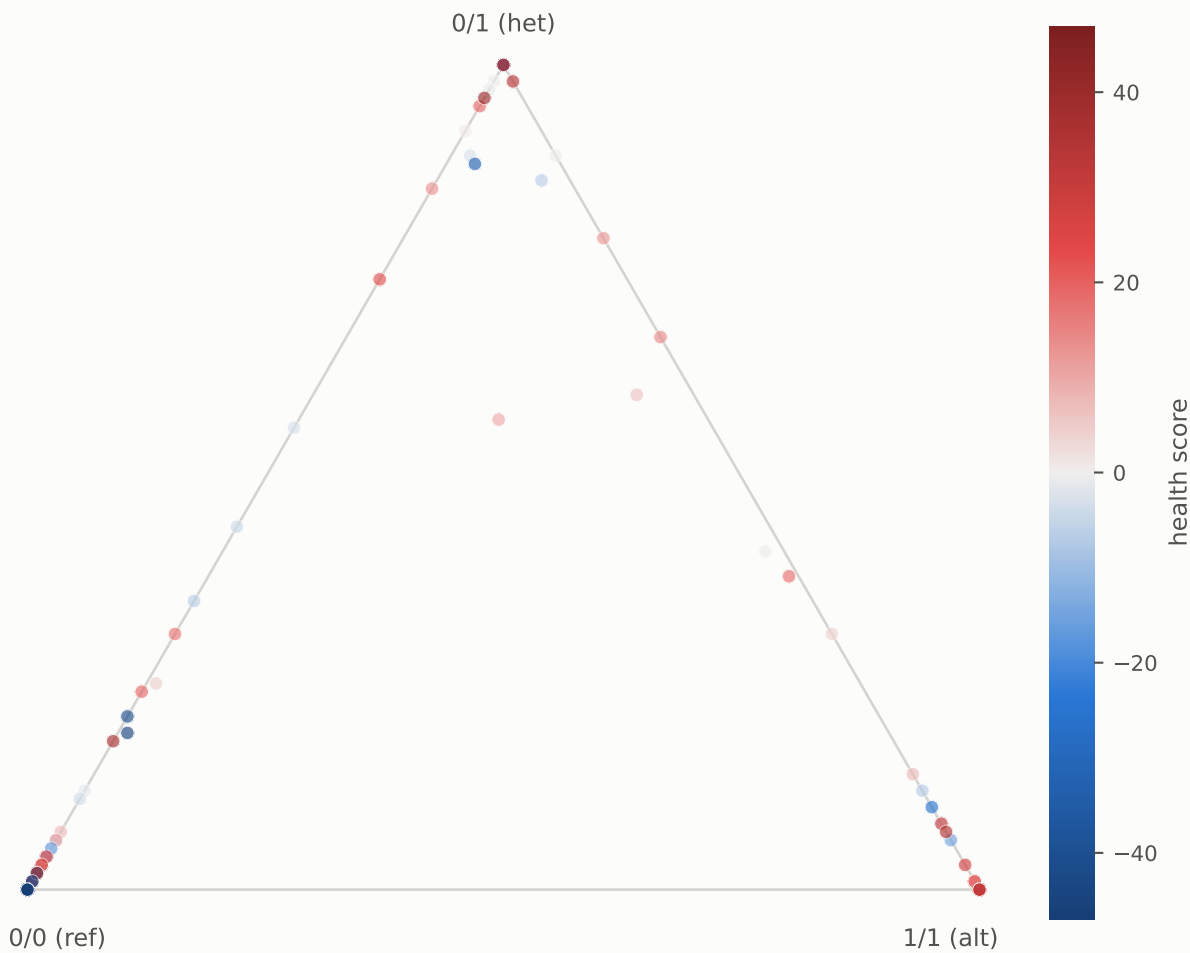
#94 by health association CHR_14:17,029,509 C>T
AF=0.14 DR2=0.96 r=+0.215 H=0.033 F=11.4



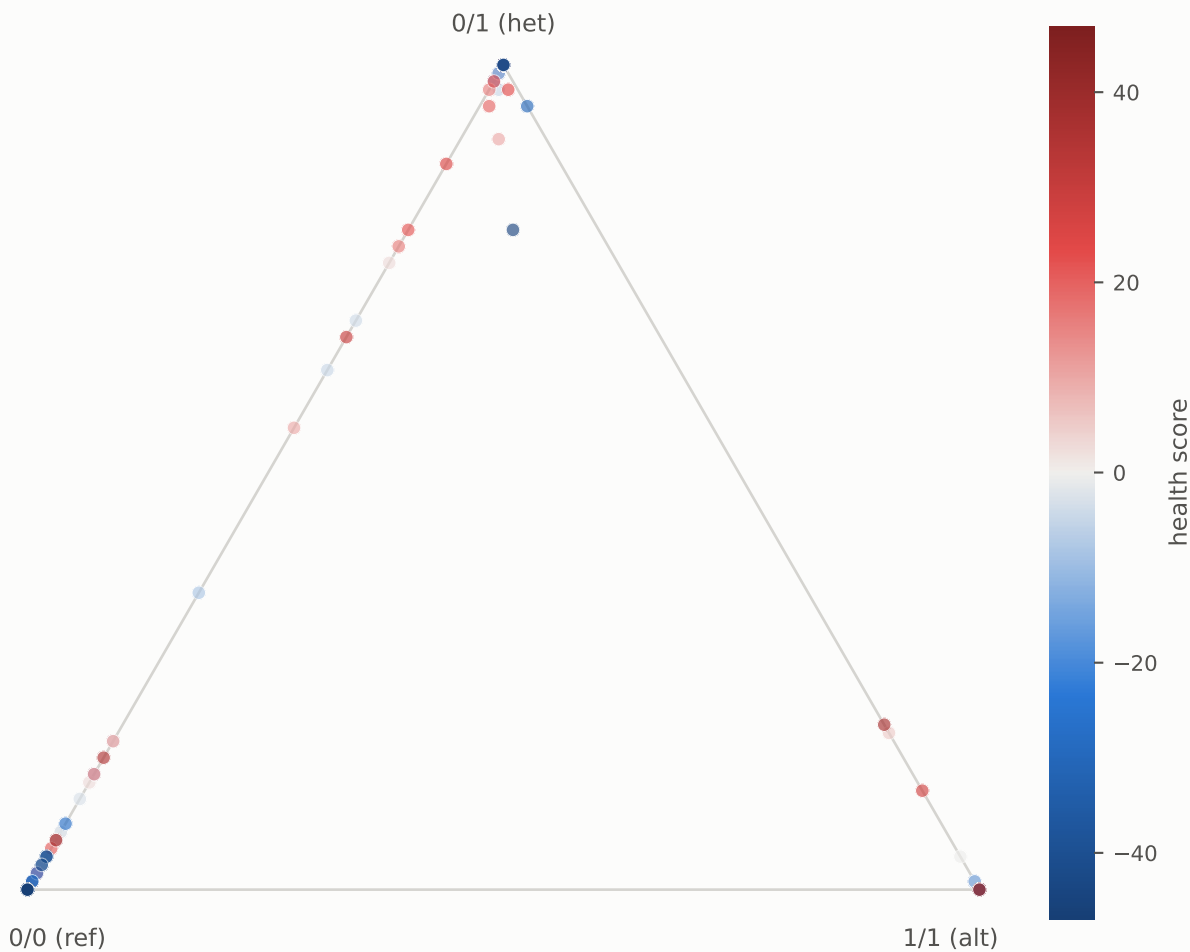
#95 by health association CHR_14:16,988,048 C>T
AF=0.2 DR2=0.98 $r=+0.215$ $H=0.021$ $F=12.5$



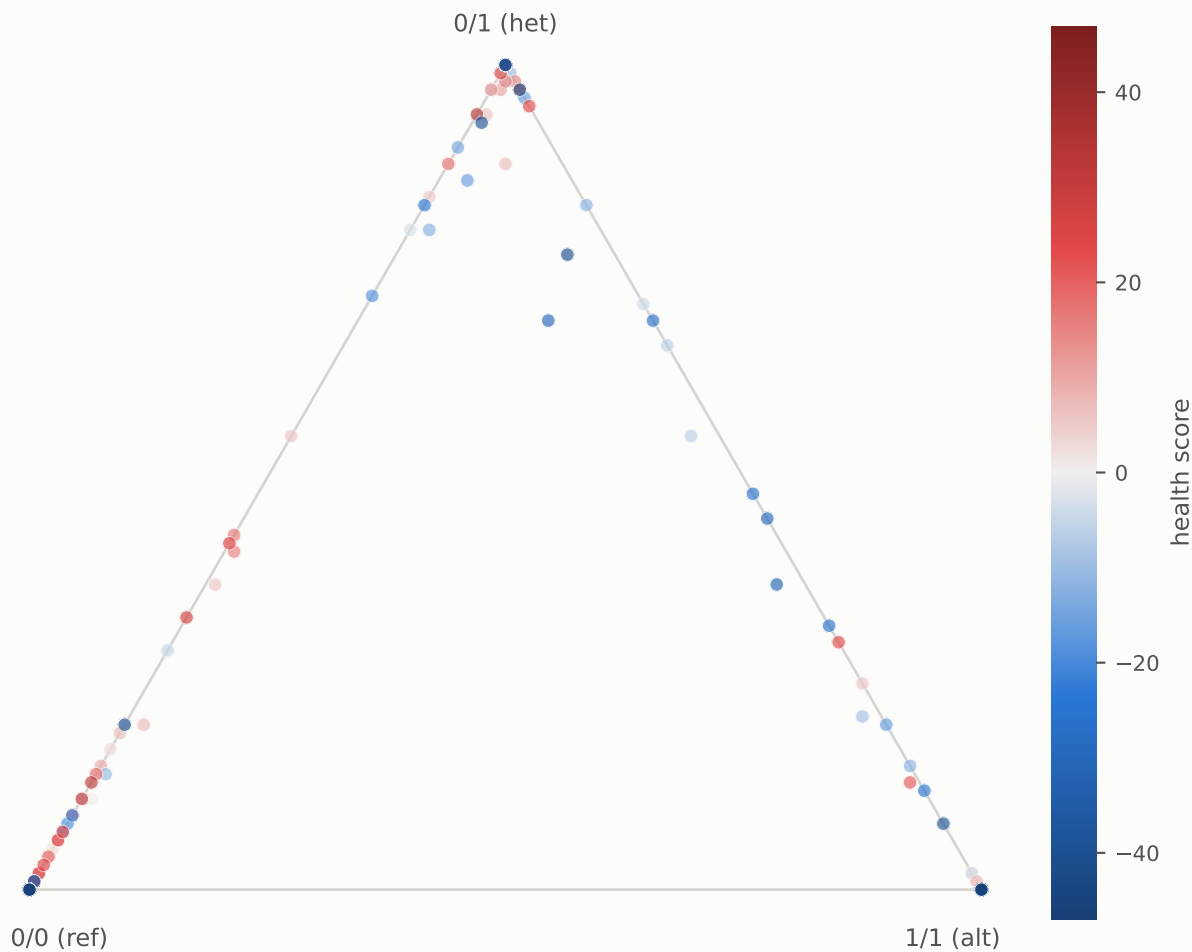
#96 by health association CHR_14:17,029,035 C>T
AF=0.15 DR2=0.95 r=+0.215 H=0.049 F=11.9



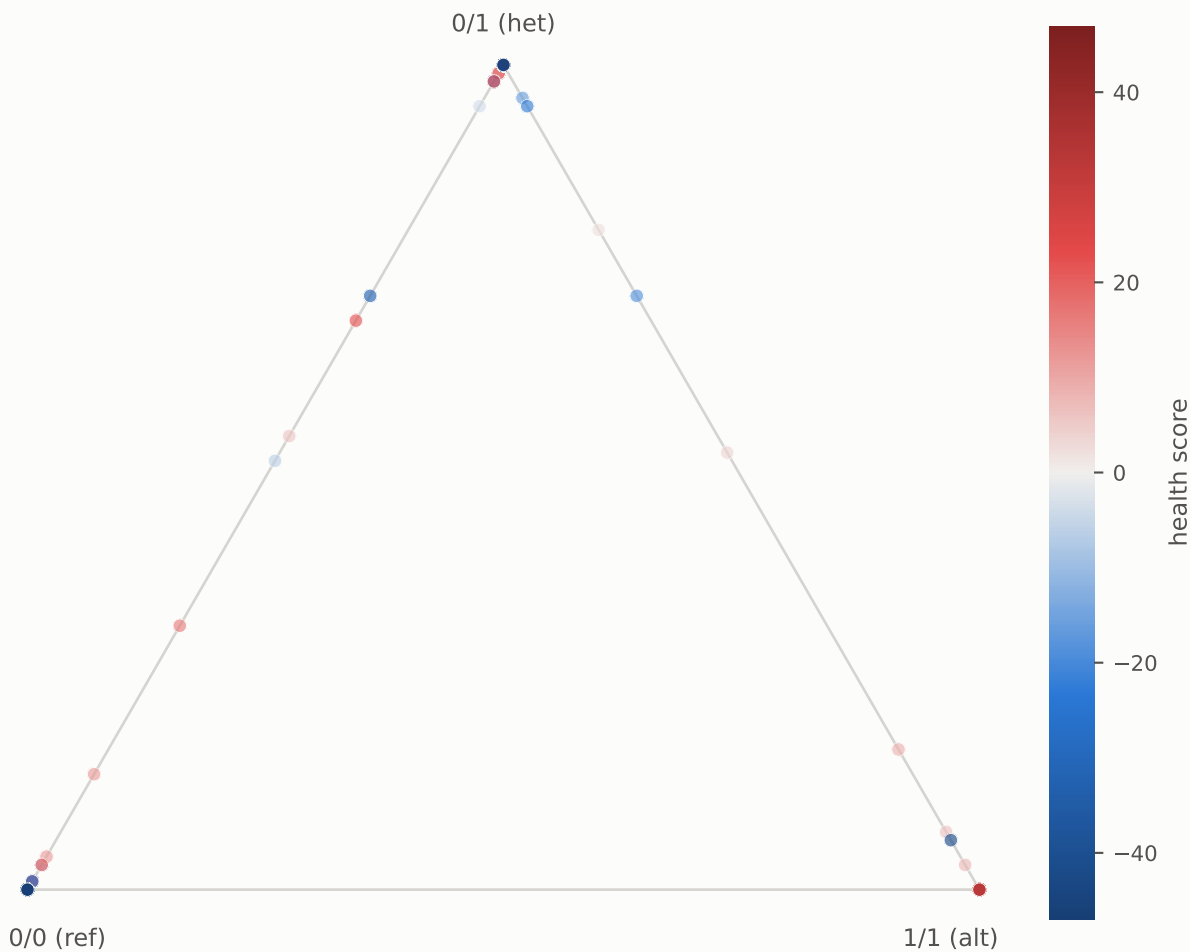
#97 by health association CHR_01:42,449,037 A>C
AF=0.23 DR2=0.96 r=+0.215 H=0.036 F=11.9



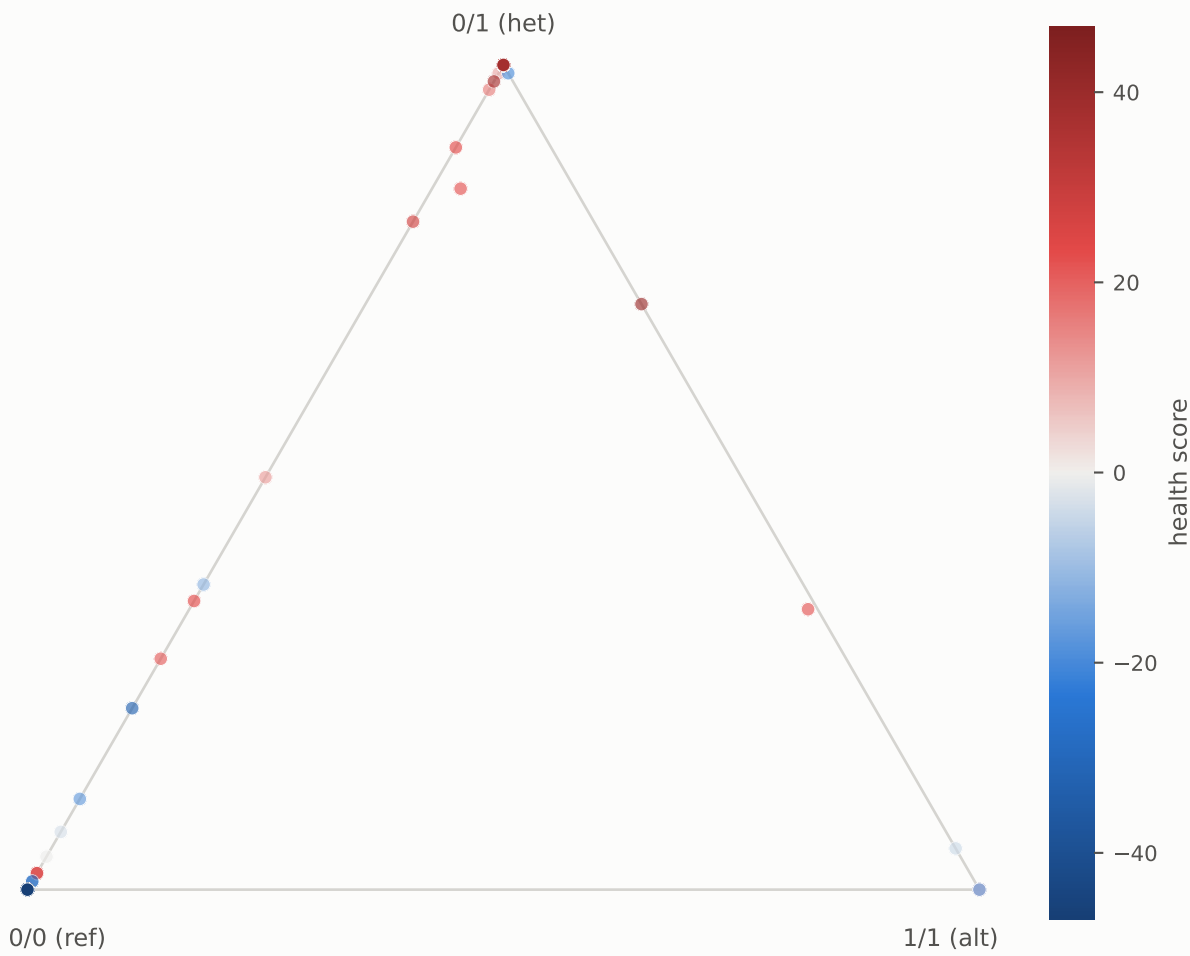
#98 by health association CHR_13:23,003,369 T>C
AF=0.26 DR2=0.95 $r=-0.215$ H=0.076 F=11.8



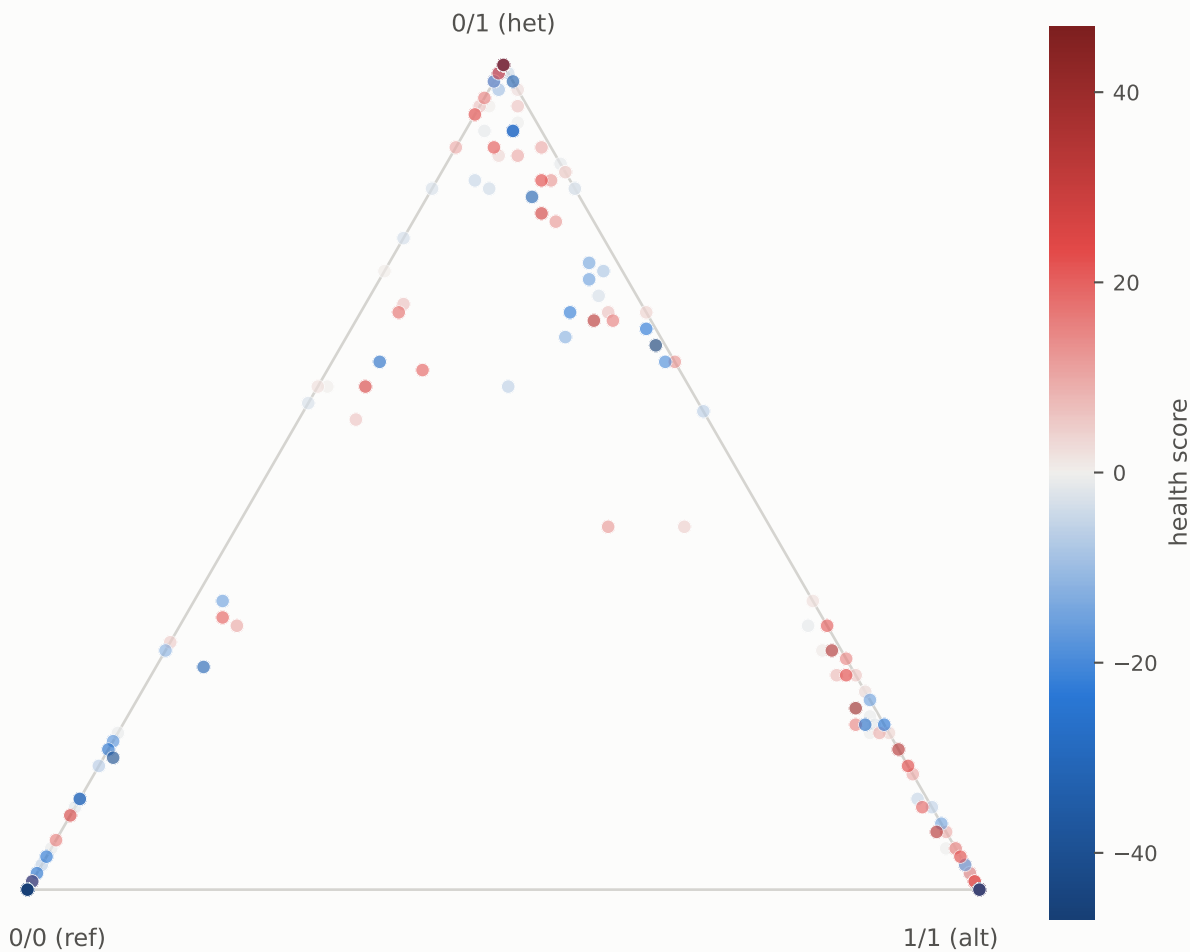
#99 by health association CHR_01:9,506,218 A>G
AF=0.24 DR2=0.98 r=+0.215 H=0.019 F=10.7



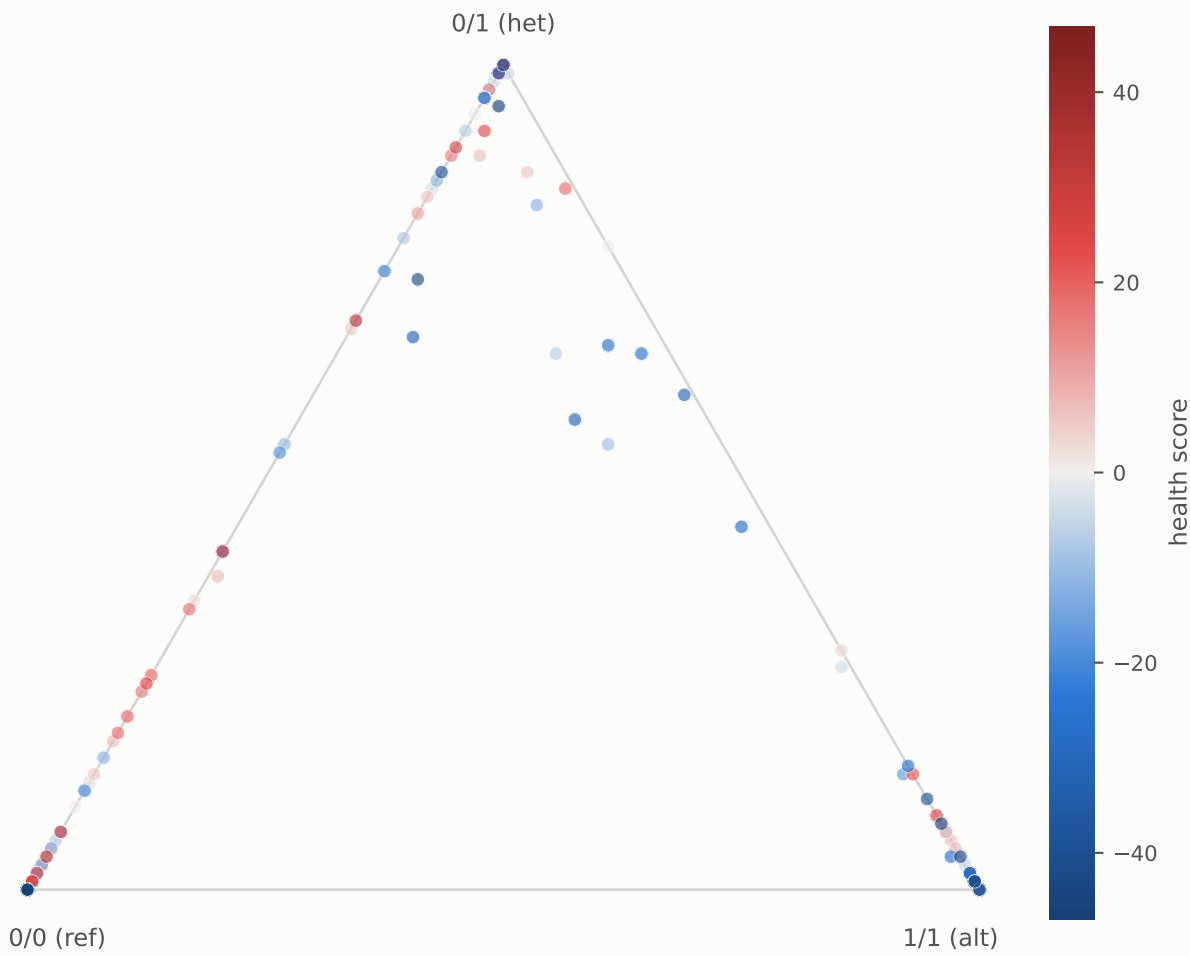
#100 by health association CHR_07:24,662,371 C>T
AF=0.088 DR2=0.97 $r=+0.215$ H=0.017 F=12.8



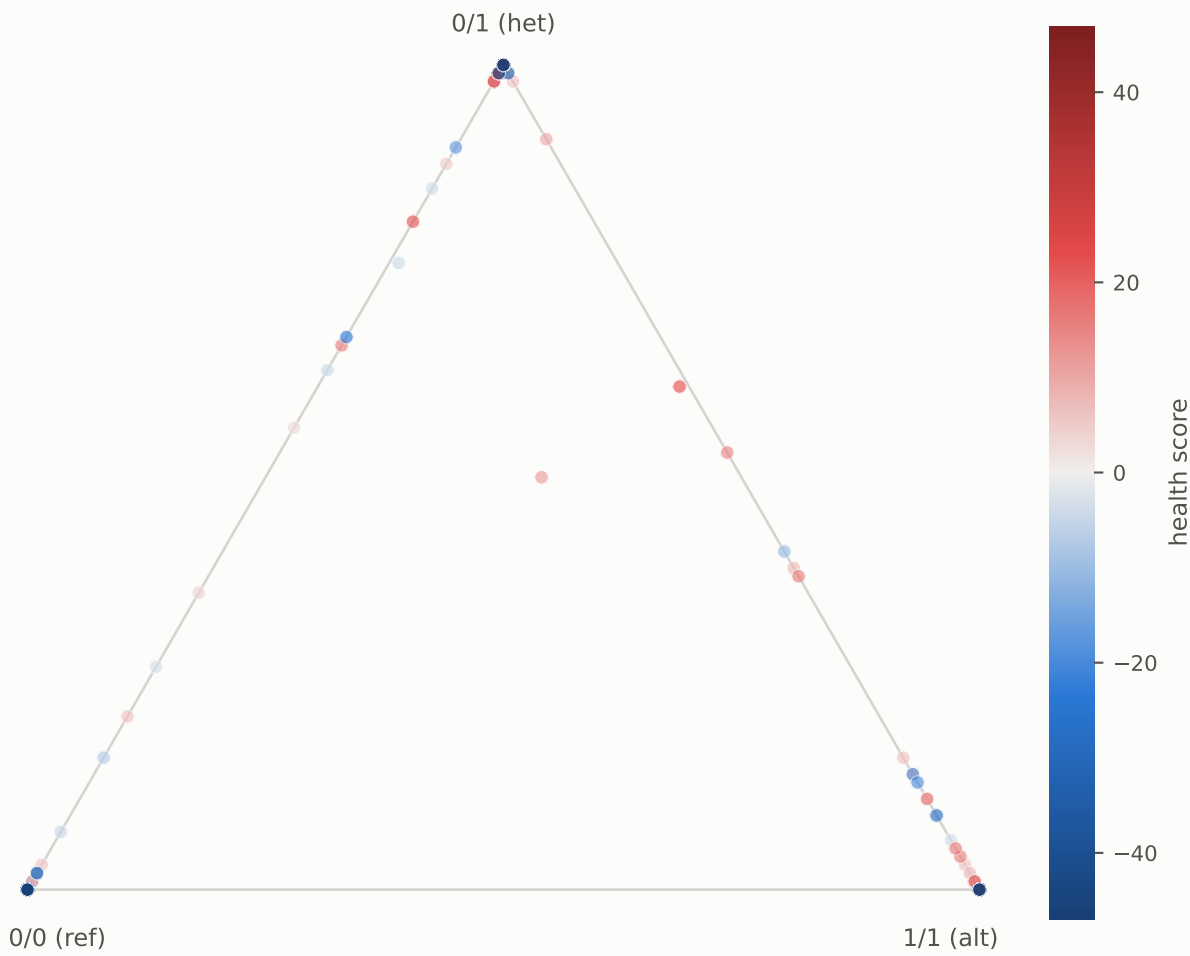
#101 by health association CHR_19:13,730,840 G>T
AF=0.51 DR2=0.93 $r=+0.214$ H=0.135 F=12.7



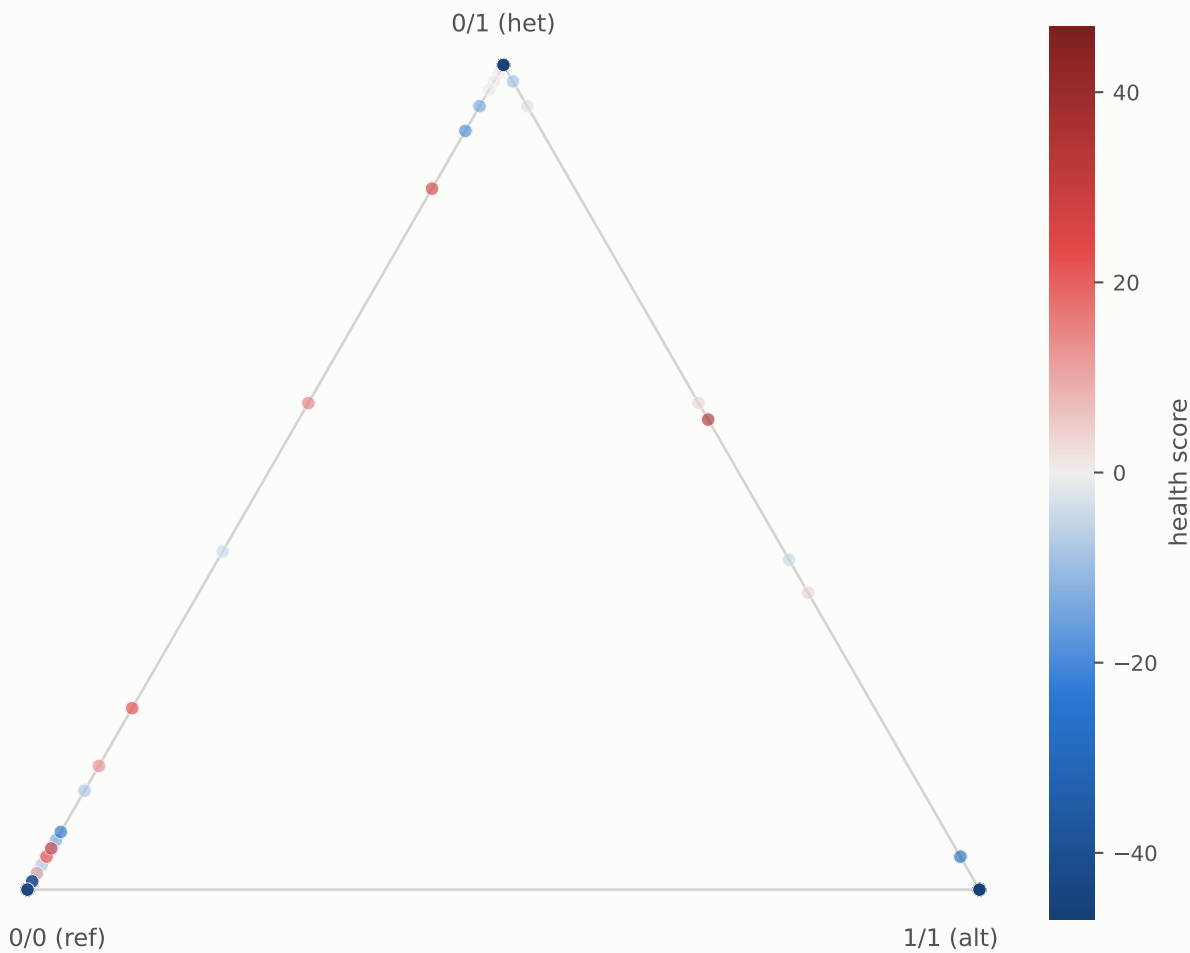
#102 by health association CHR_13:23,003,982 A>G
AF=0.21 DR2=0.94 $r=-0.214$ $H=0.087$ $F=11.6$



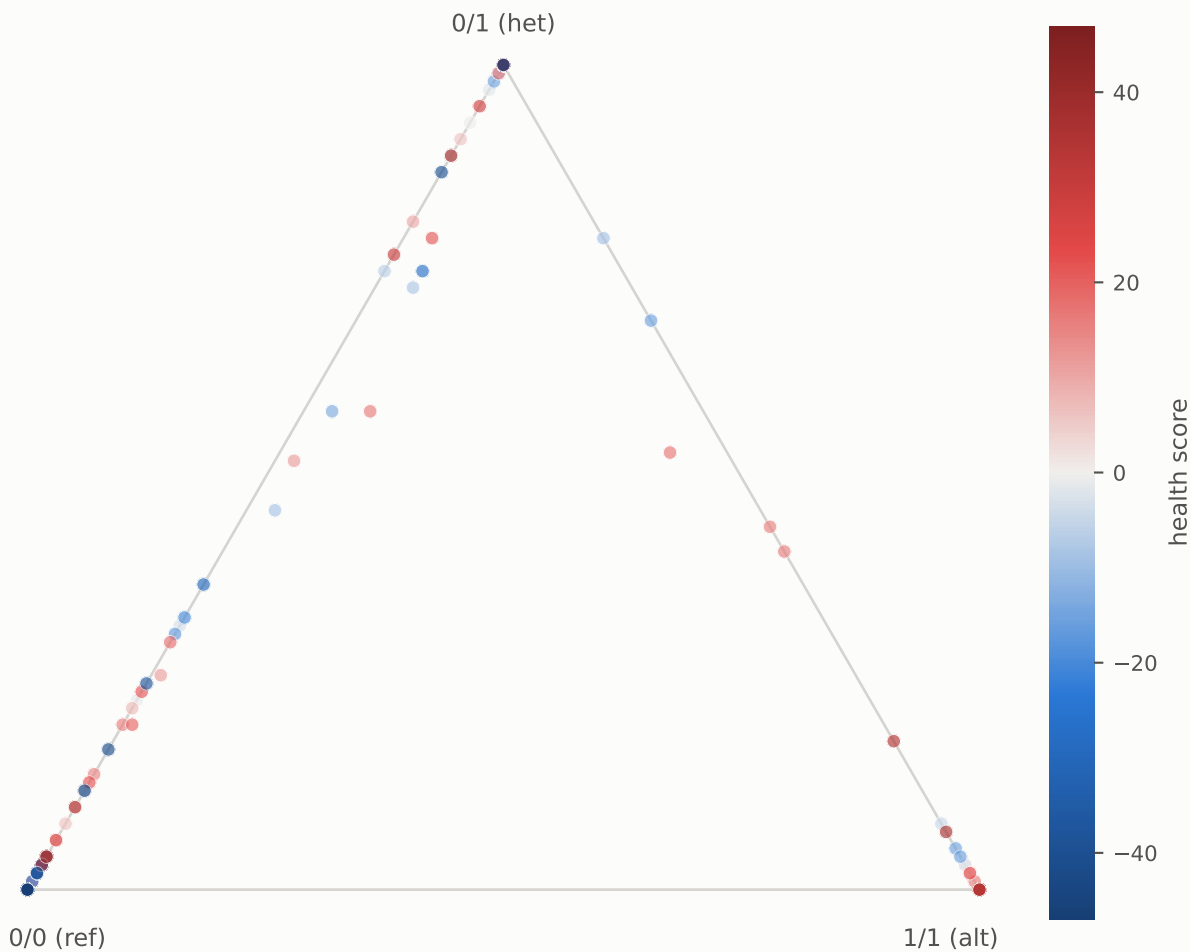
#103 by health association CHR_16:9,598,321 C>T
AF=0.49 DR2=0.97 r=+0.214 H=0.037 F=10.9



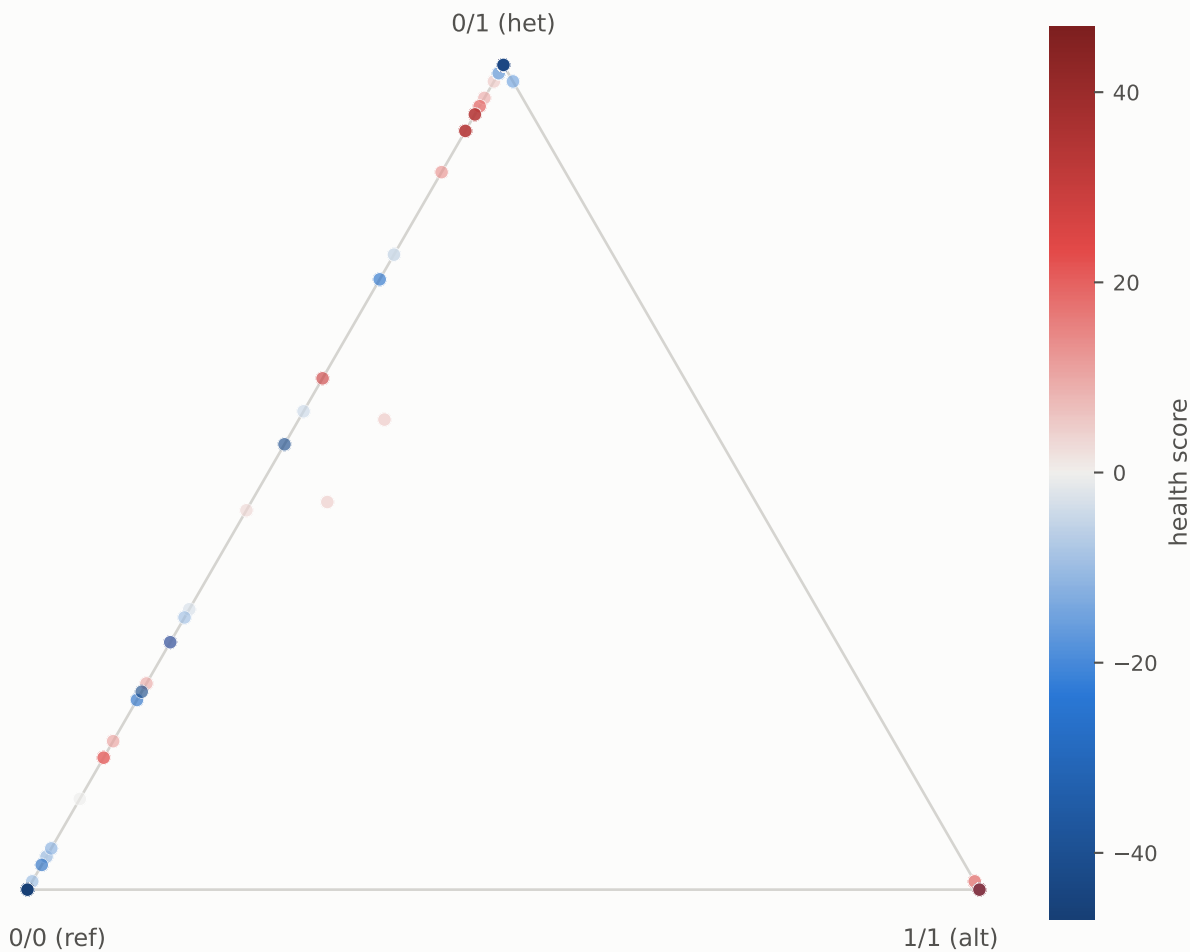
#104 by health association CHR_05:29,915,523 A>G
AF=0.21 DR2=0.98 r=-0.214 H=0.020 F=11.8



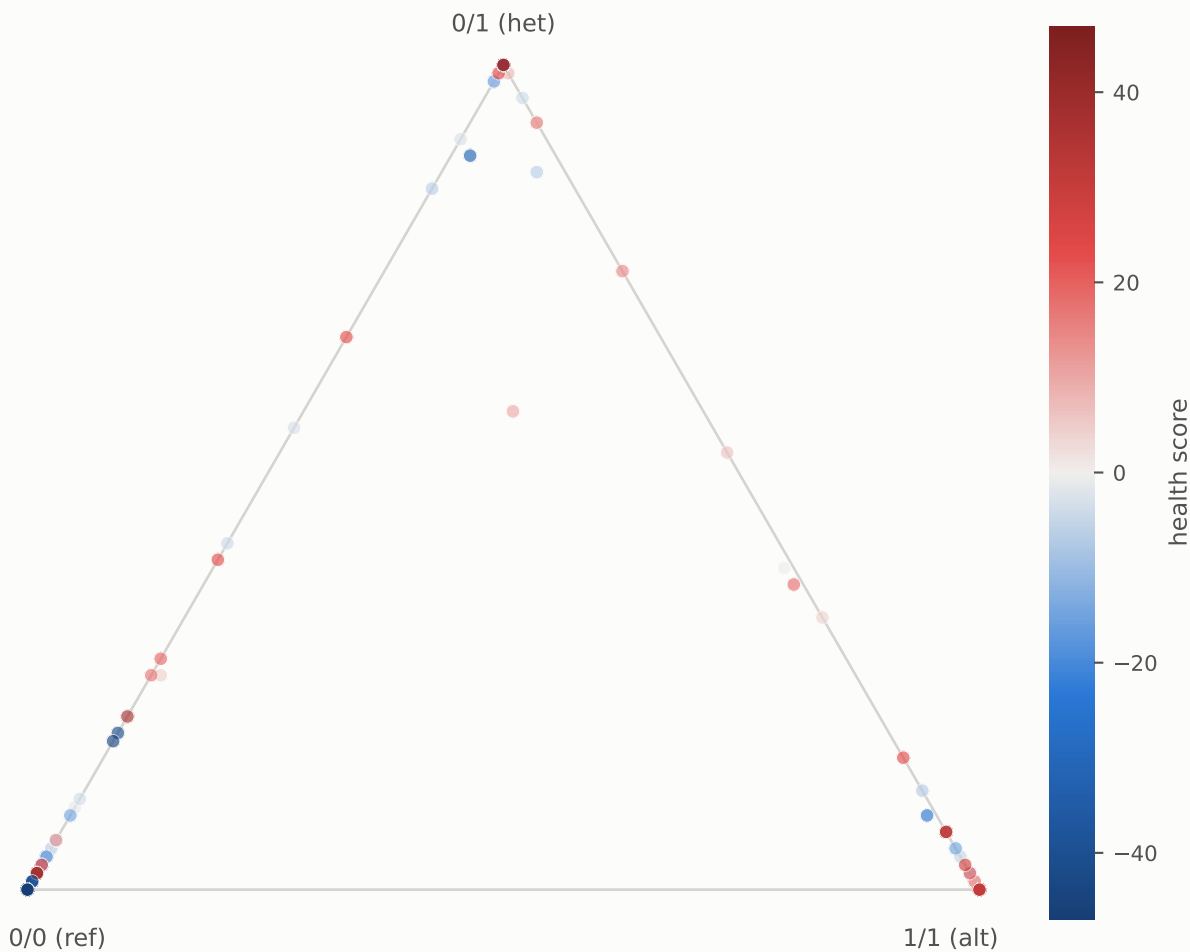
#105 by health association CHR_14:17,022,092 T>C
AF=0.18 DR2=0.93 r=+0.214 H=0.065 F=11.3



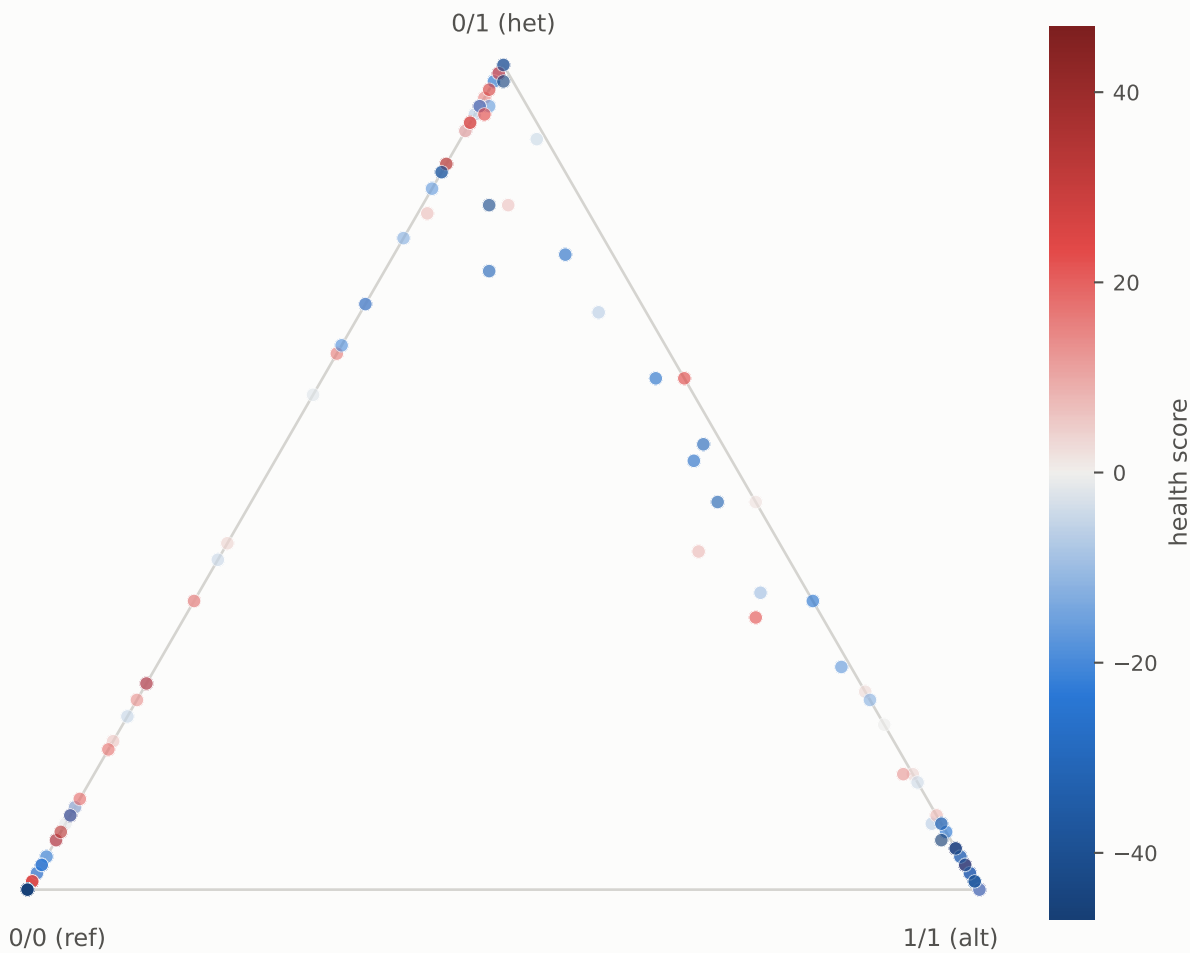
#106 by health association CHR_01:42,424,089 C>A
AF=0.22 DR2=0.96 r=+0.214 H=0.035 F=11.2



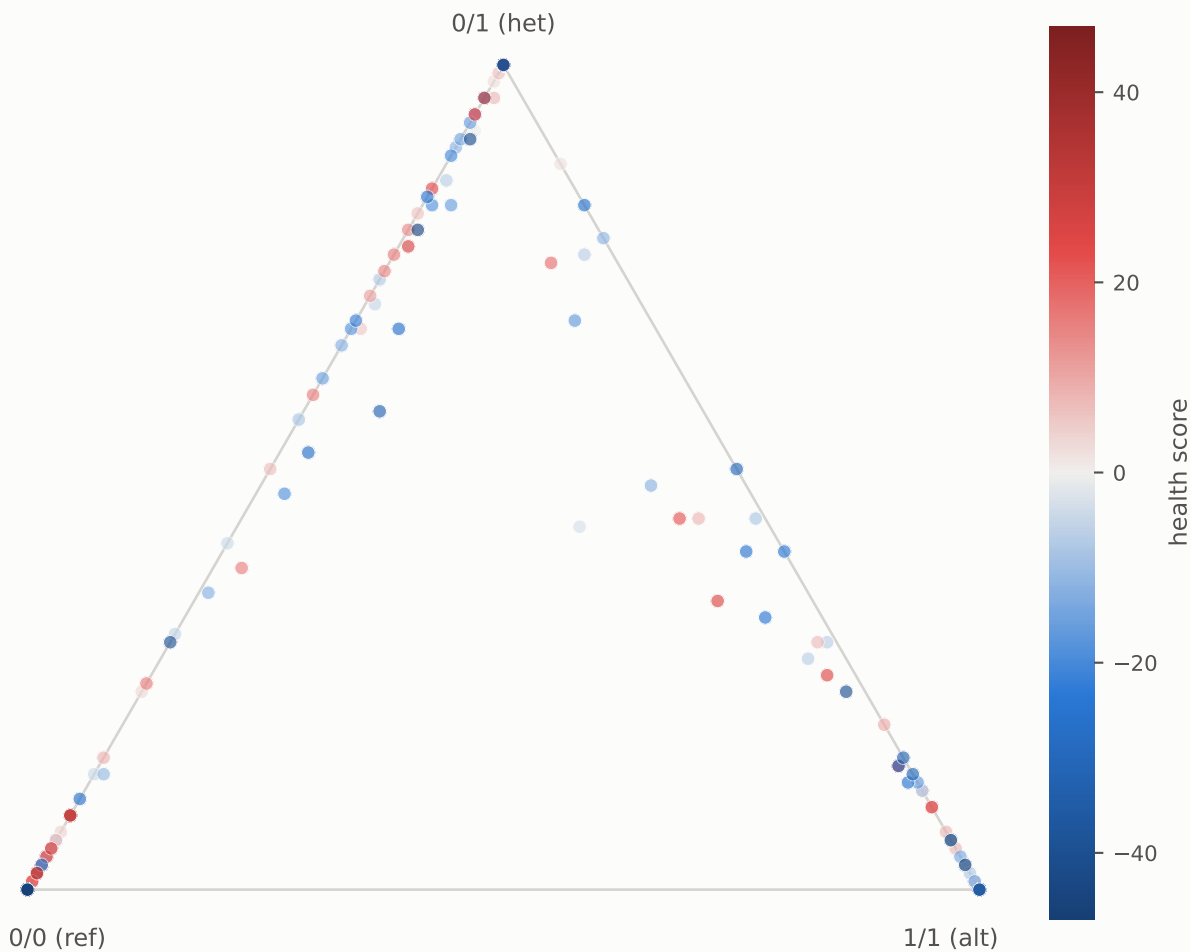
#107 by health association CHR_14:17,029,083 C>A
AF=0.15 DR2=0.95 r=+0.214 H=0.047 F=11.2



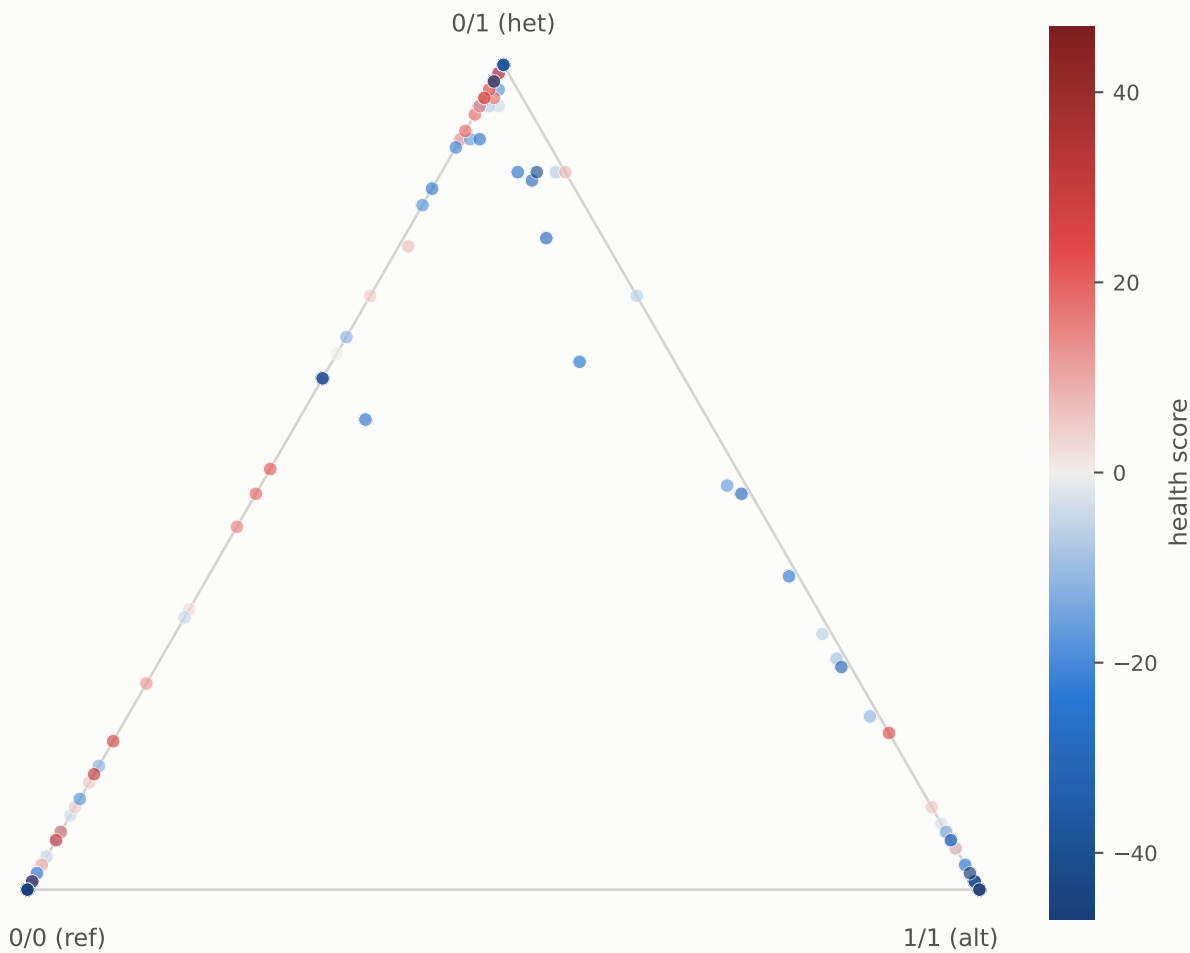
#108 by health association CHR_13:23,003,445 T>A
AF=0.19 DR2=0.93 $r=-0.214$ $\bar{H}=0.093$ F=10.8



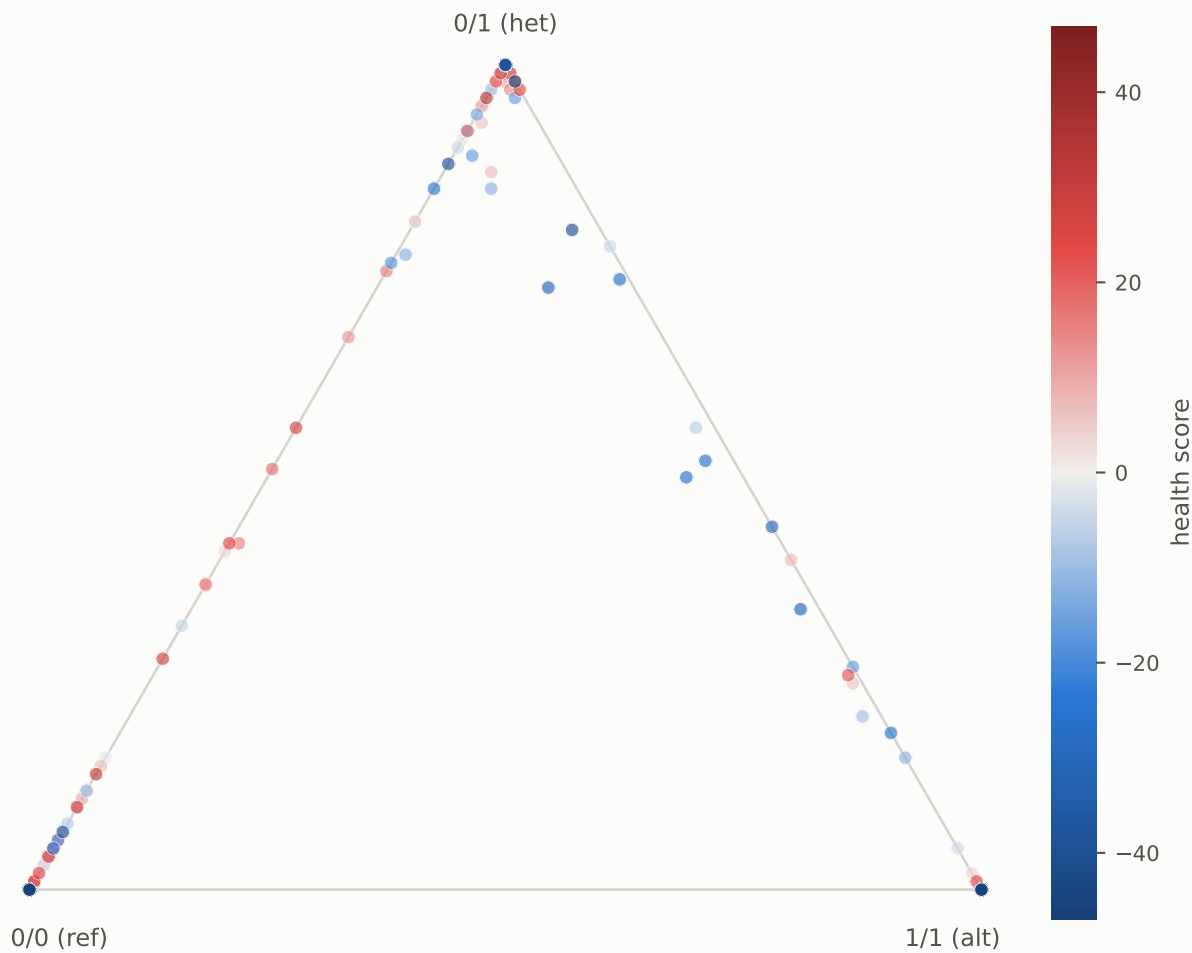
#109 by health association CHR_13:23,001,472 C>A
AF=0.19 DR2=0.91 $r=-0.214$ $H=0.119$ $F=10.3$



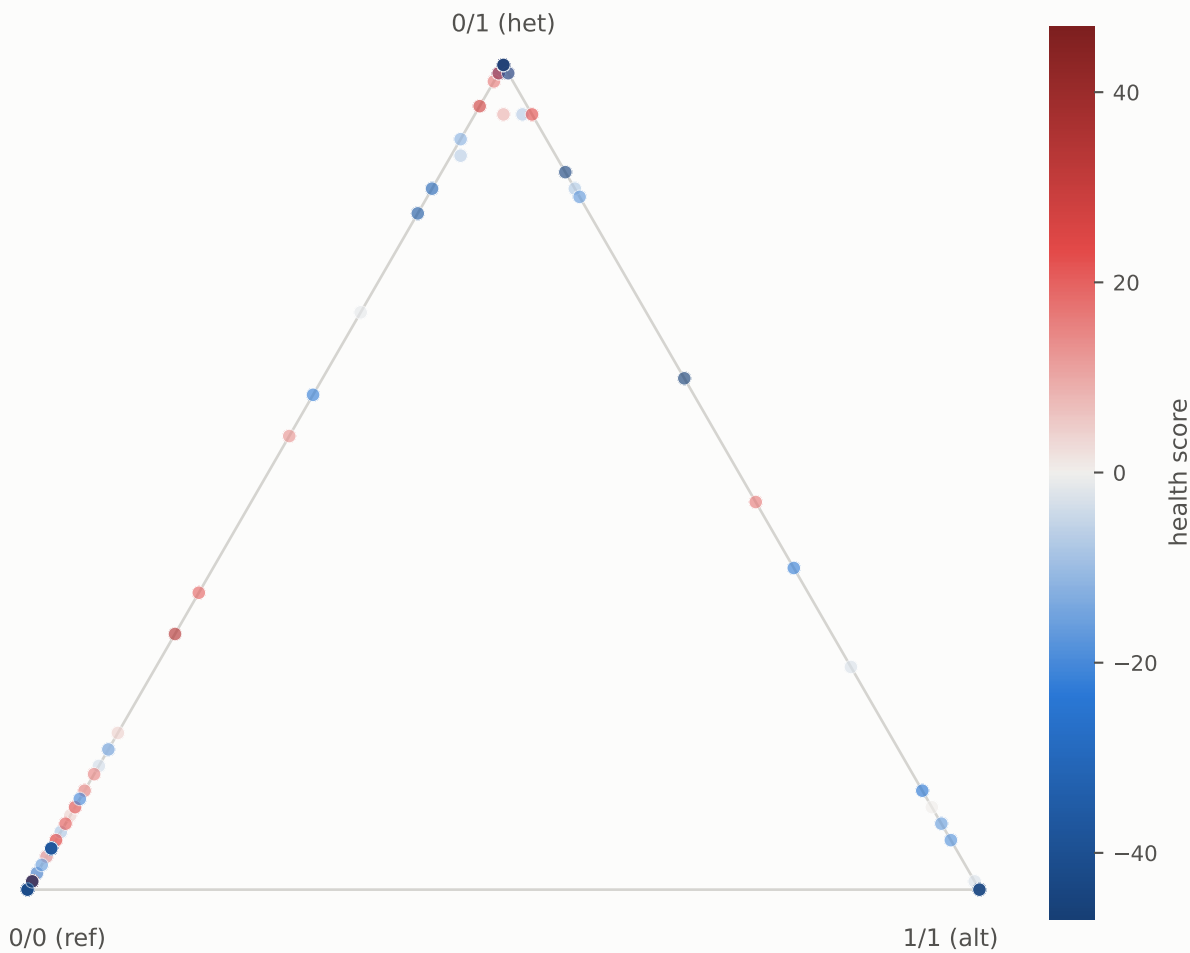
#110 by health association CHR_13:23,002,496 G>A
AF=0.19 DR2=0.94 $r=-0.214$ $H=0.075$ $F=11.8$



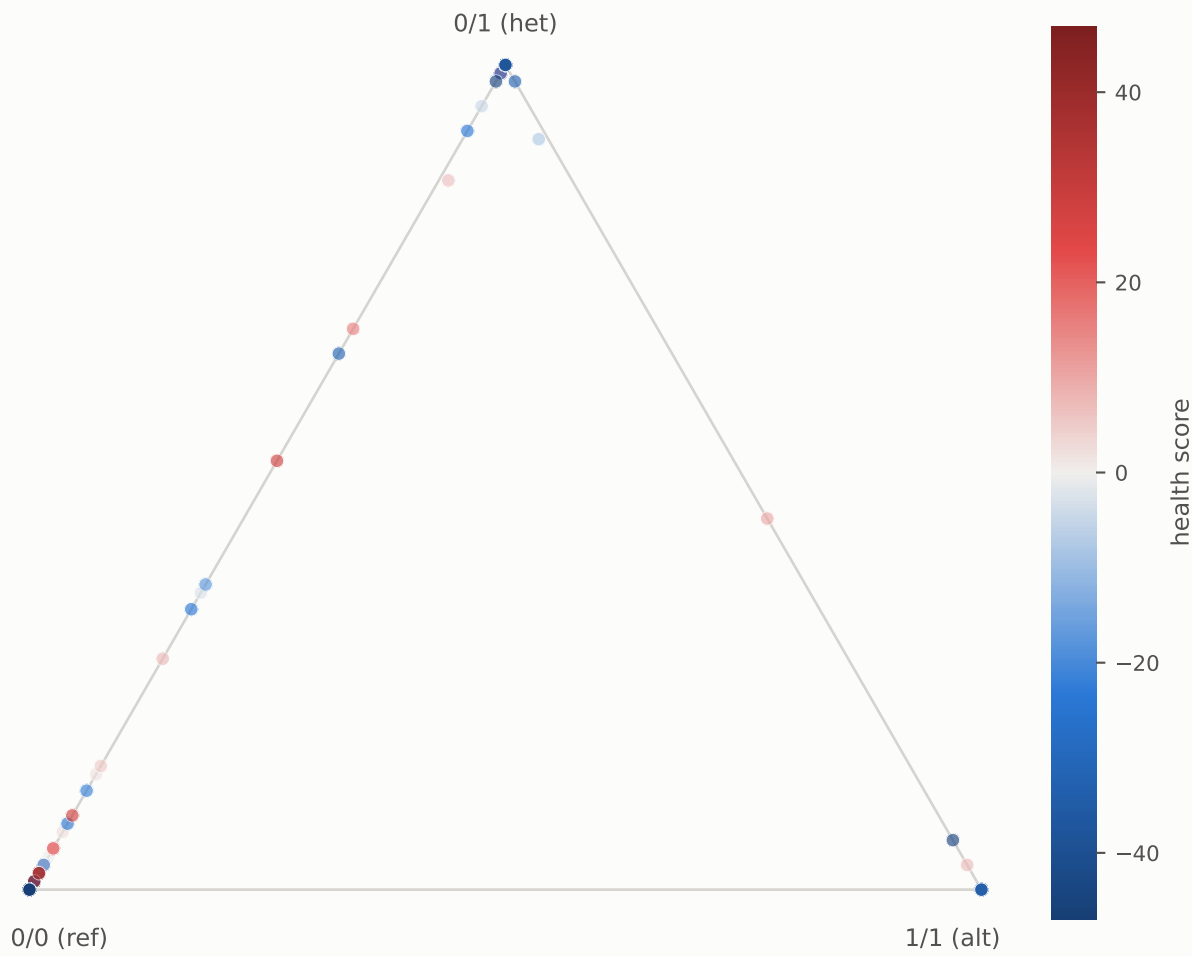
#111 by health association CHR_13:23,003,188 G>A
AF=0.25 DR2=0.95 $r=-0.214$ $H=0.075$ $F=10.5$



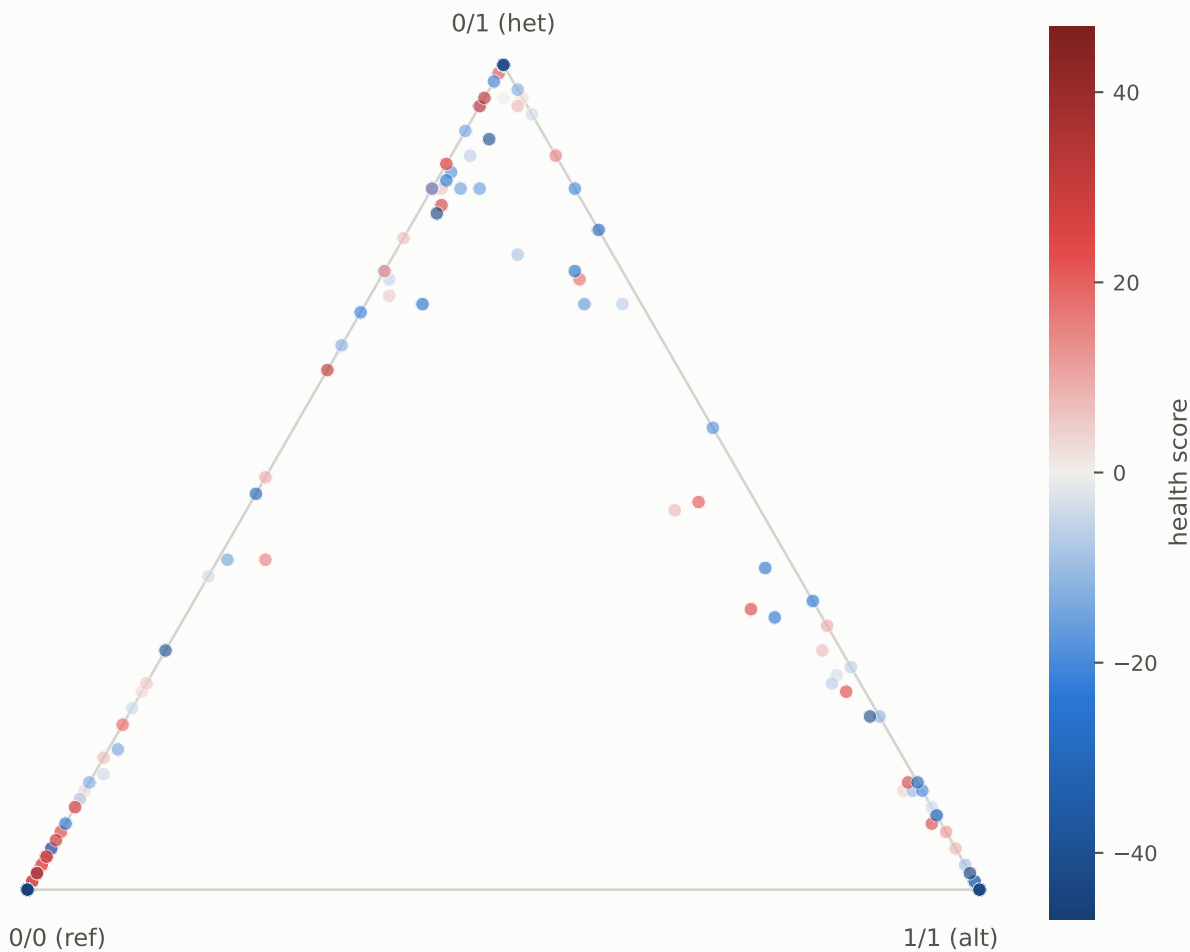
#112 by health association CHR_11:23,094,820 C>T
AF=0.088 DR2=0.93 r=-0.213 H=0.044 F=10.3



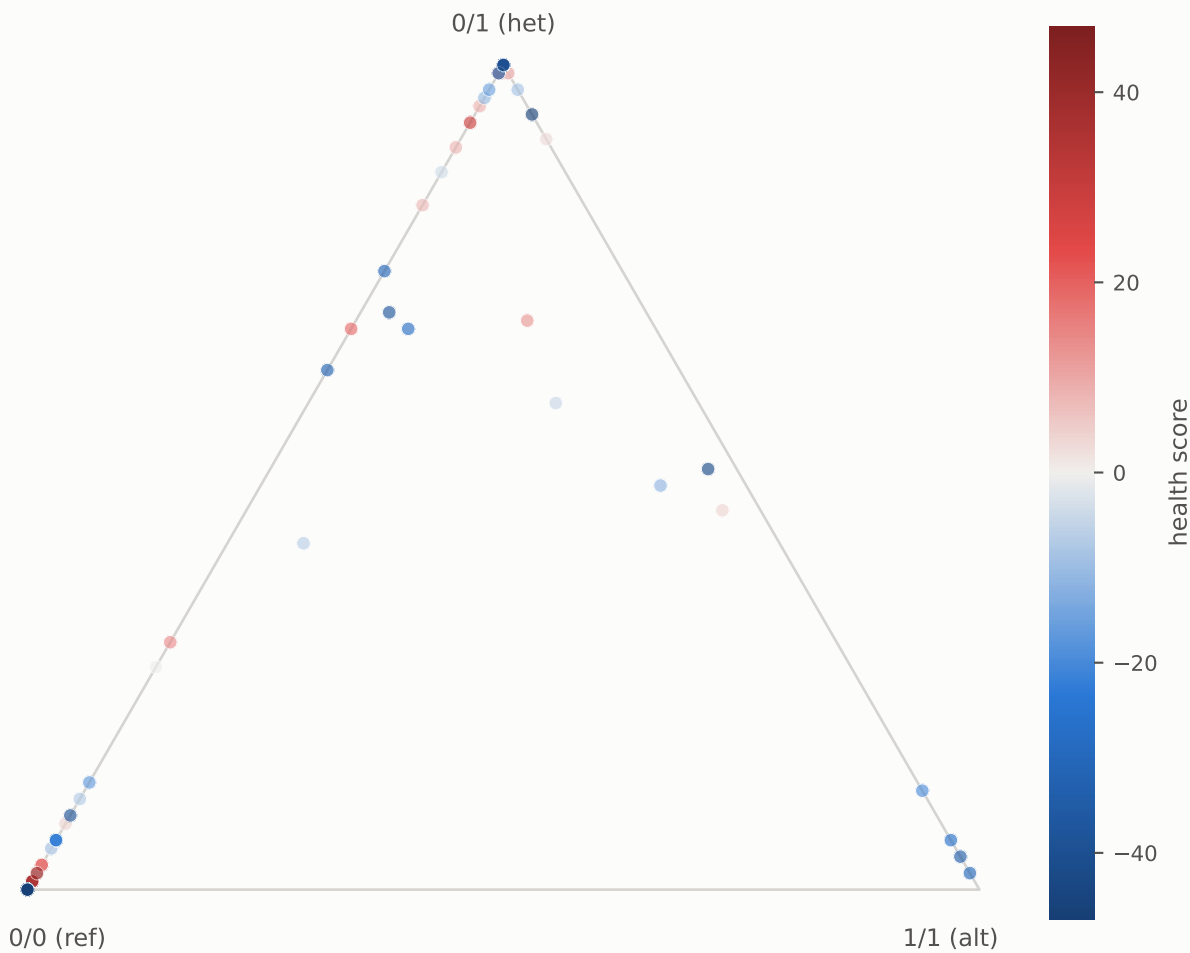
#113 by health association CHR_16:28,723,576 C>A
AF=0.057 DR2=0.94 $r=-0.213$ H=0.029 F=9.6



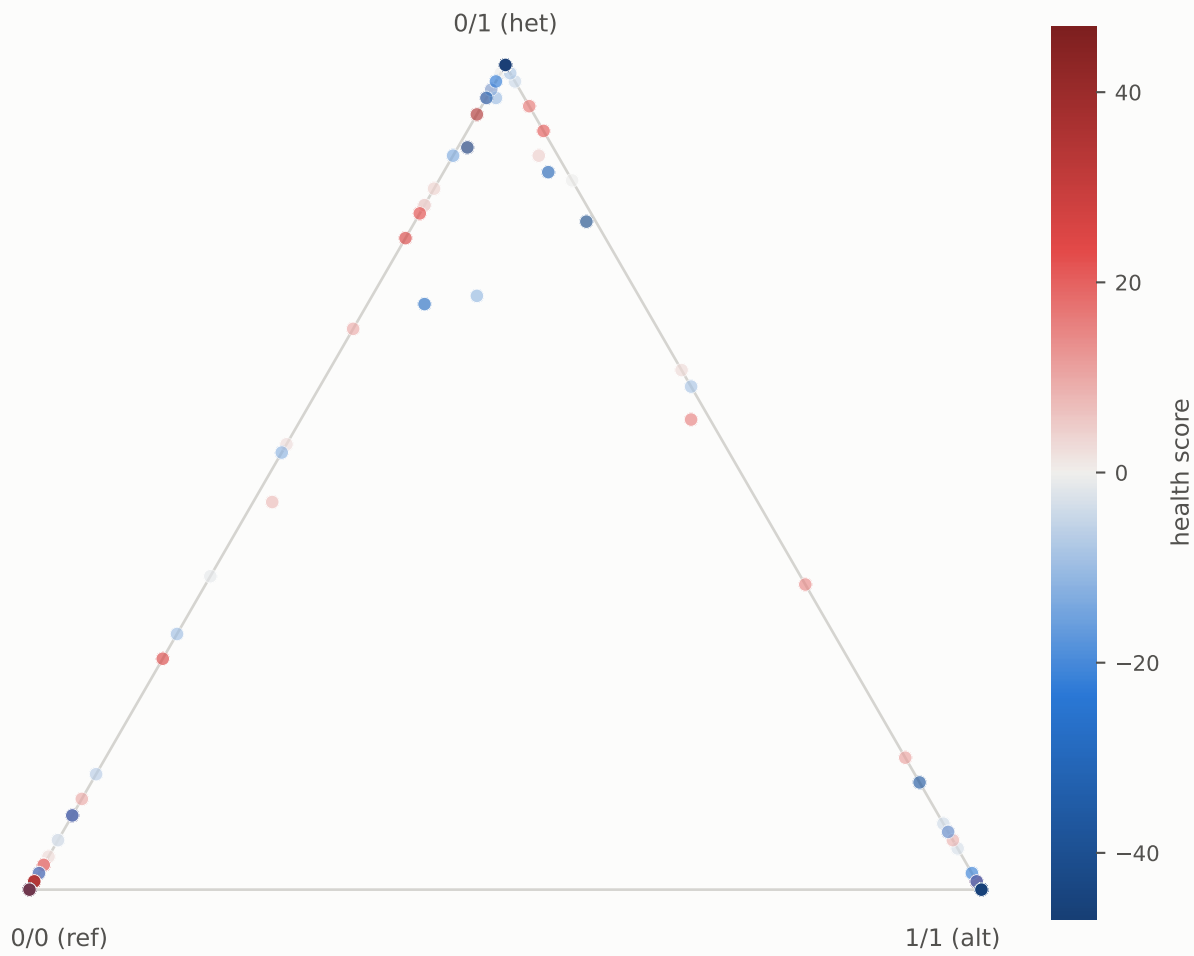
#114 by health association CHR_13:23,001,433 G>A
AF=0.21 DR2=0.92 r=-0.213 H=0.111 F=9.8



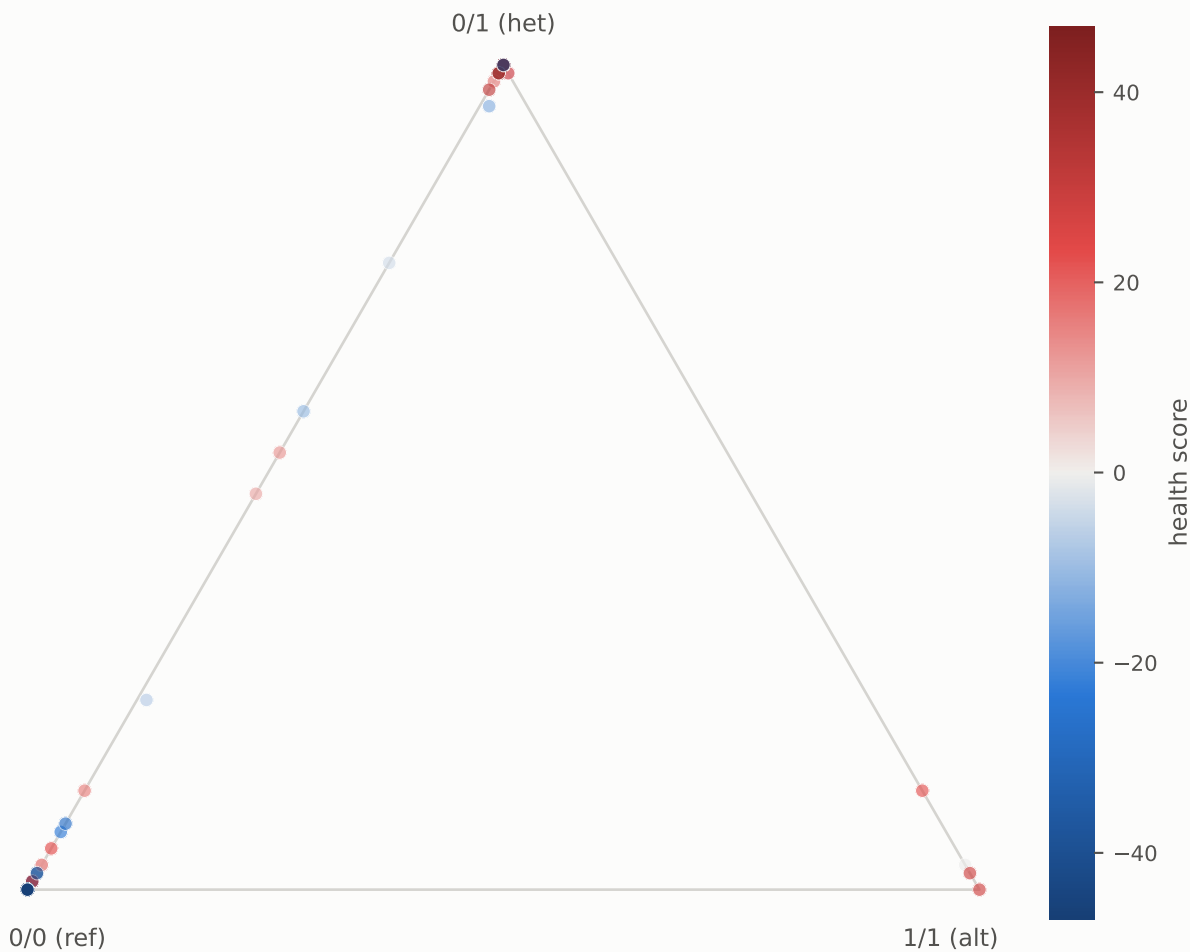
#115 by health association CHR_16:24,261,061 G>A
AF=0.067 DR2=0.91 r=-0.213 H=0.040 F=10.2



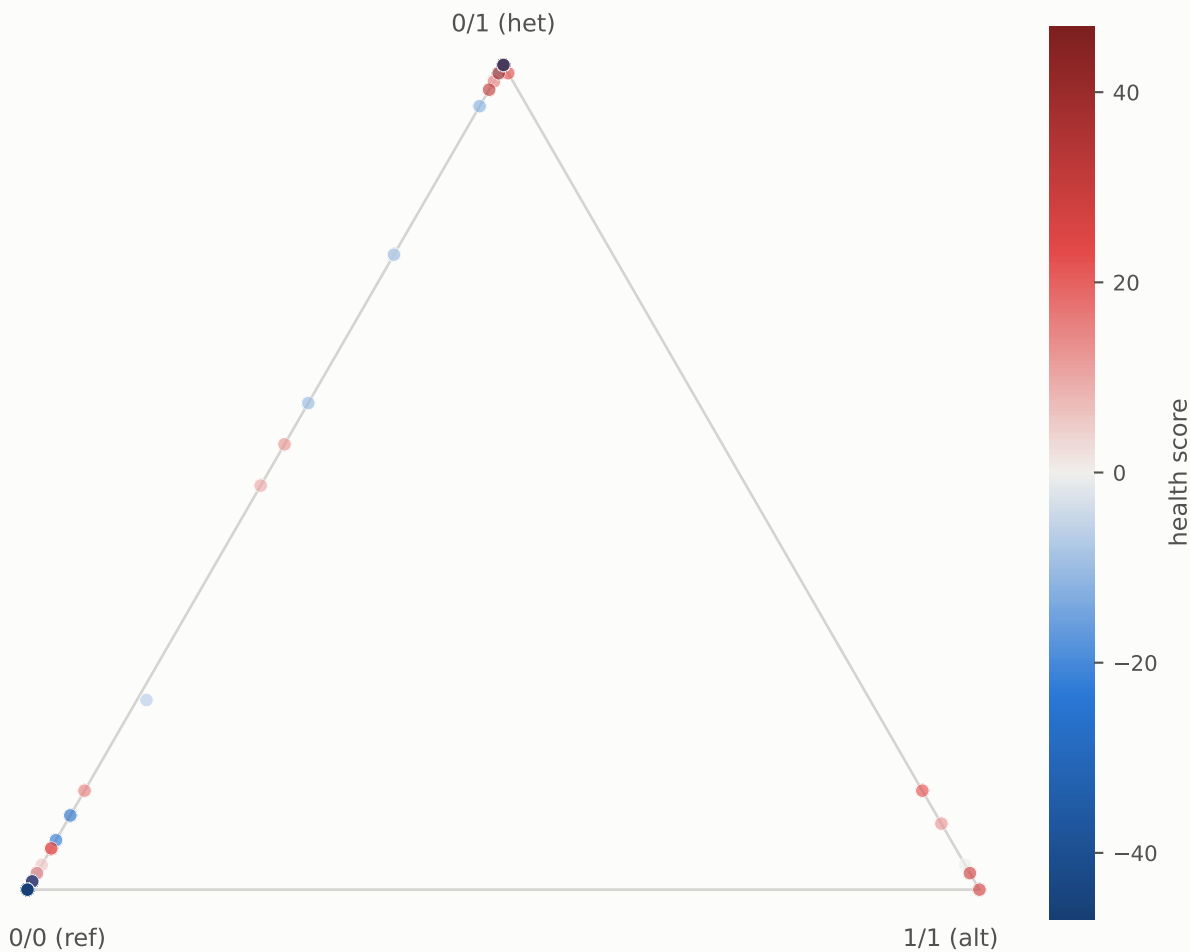
#116 by health association CHR_19:19,509,012 G>A
AF=0.33 DR2=0.97 $r=-0.213$ $H=0.049$ $F=11.1$



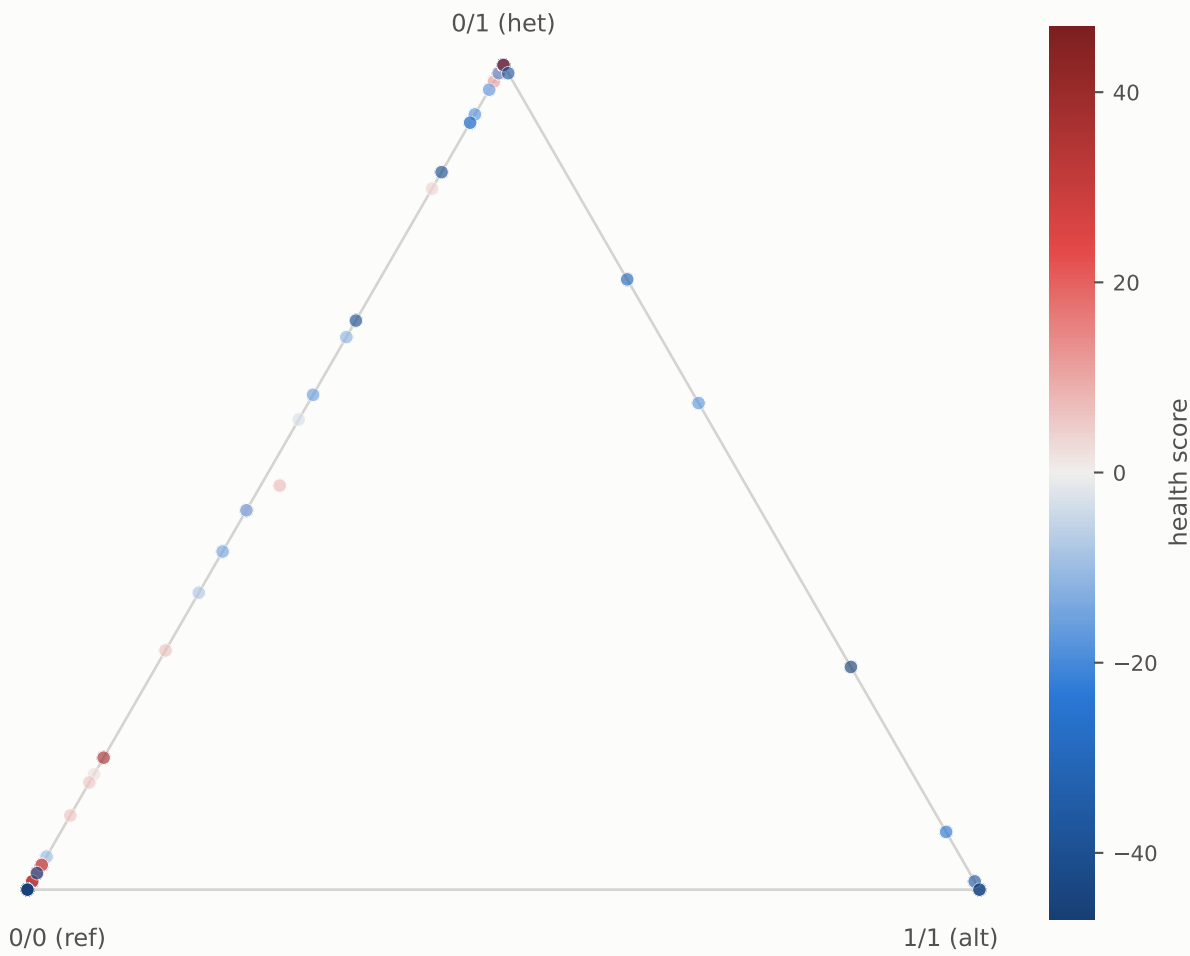
#117 by health association CHR_04:41,246,199 C>A
AF=0.067 DR2=0.95 $r=+0.213$ H=0.016 F=15.4



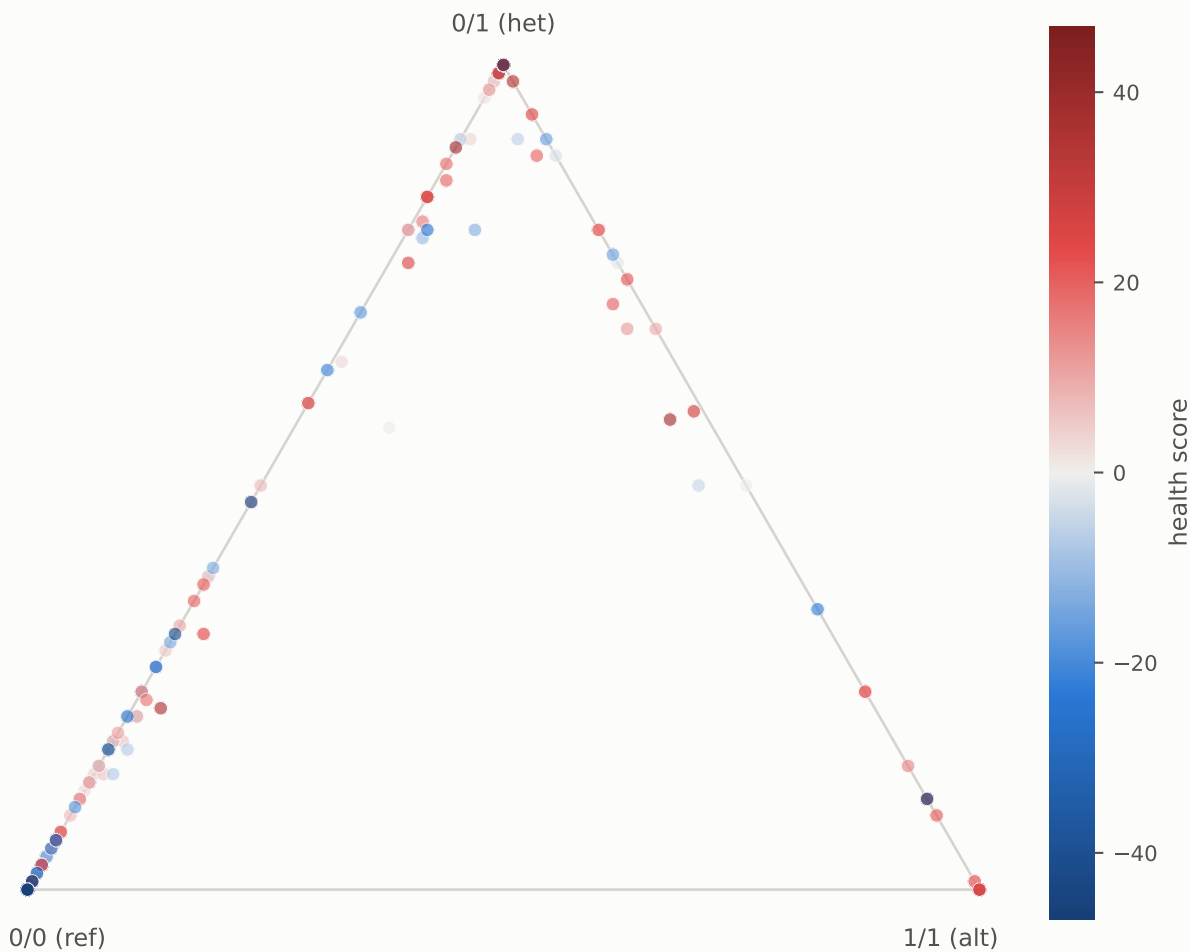
#118 by health association CHR_04:41,246,034 C>T
AF=0.067 DR2=0.95 $r=+0.213$ H=0.017 F=10.1



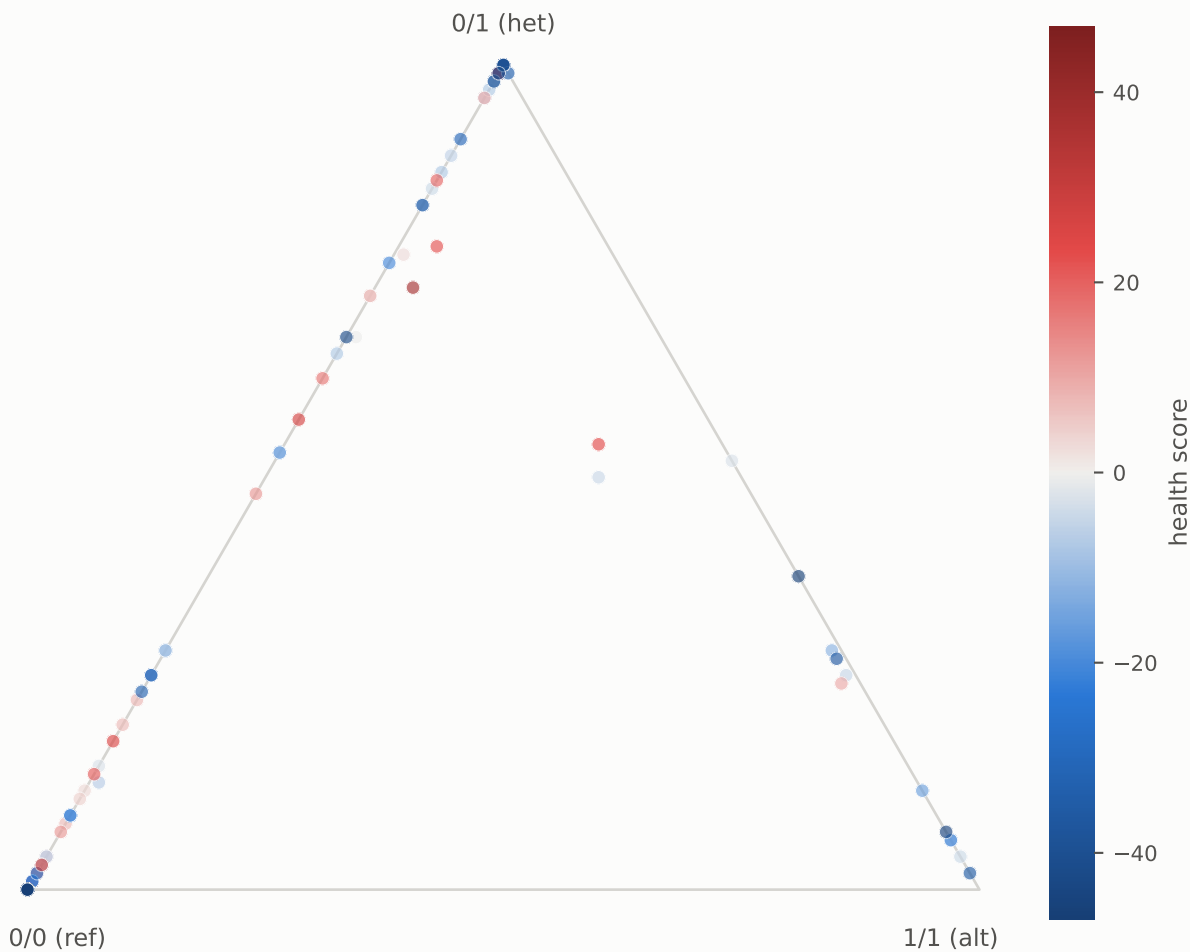
#119 by health association CHR_08:5,796,007 C>T
AF=0.067 DR2=0.94 r=-0.213 H=0.032 F=13.5



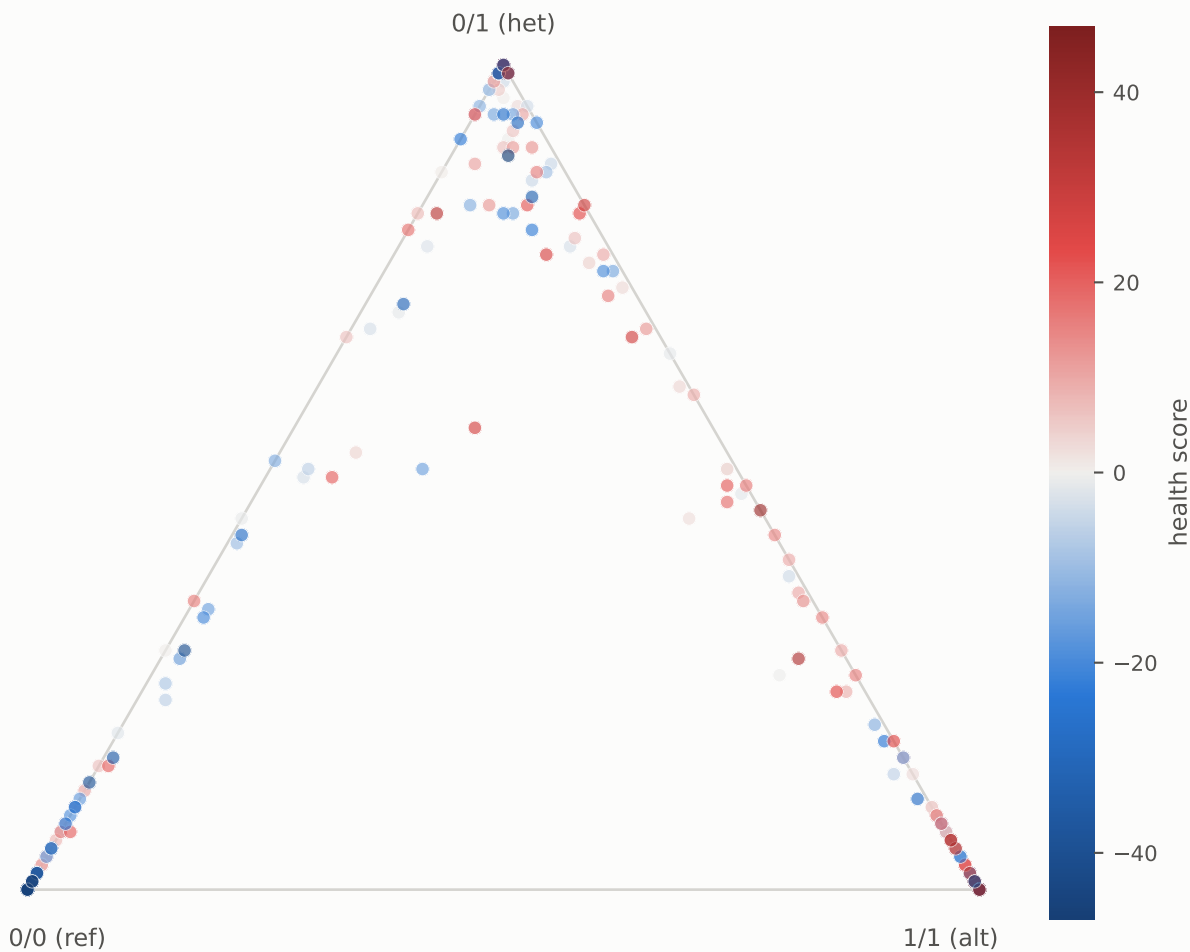
#120 by health association CHR_16:27,685,011 G>A
AF=0.18 DR2=0.87 $r=+0.213$ H=0.123 F=9.9



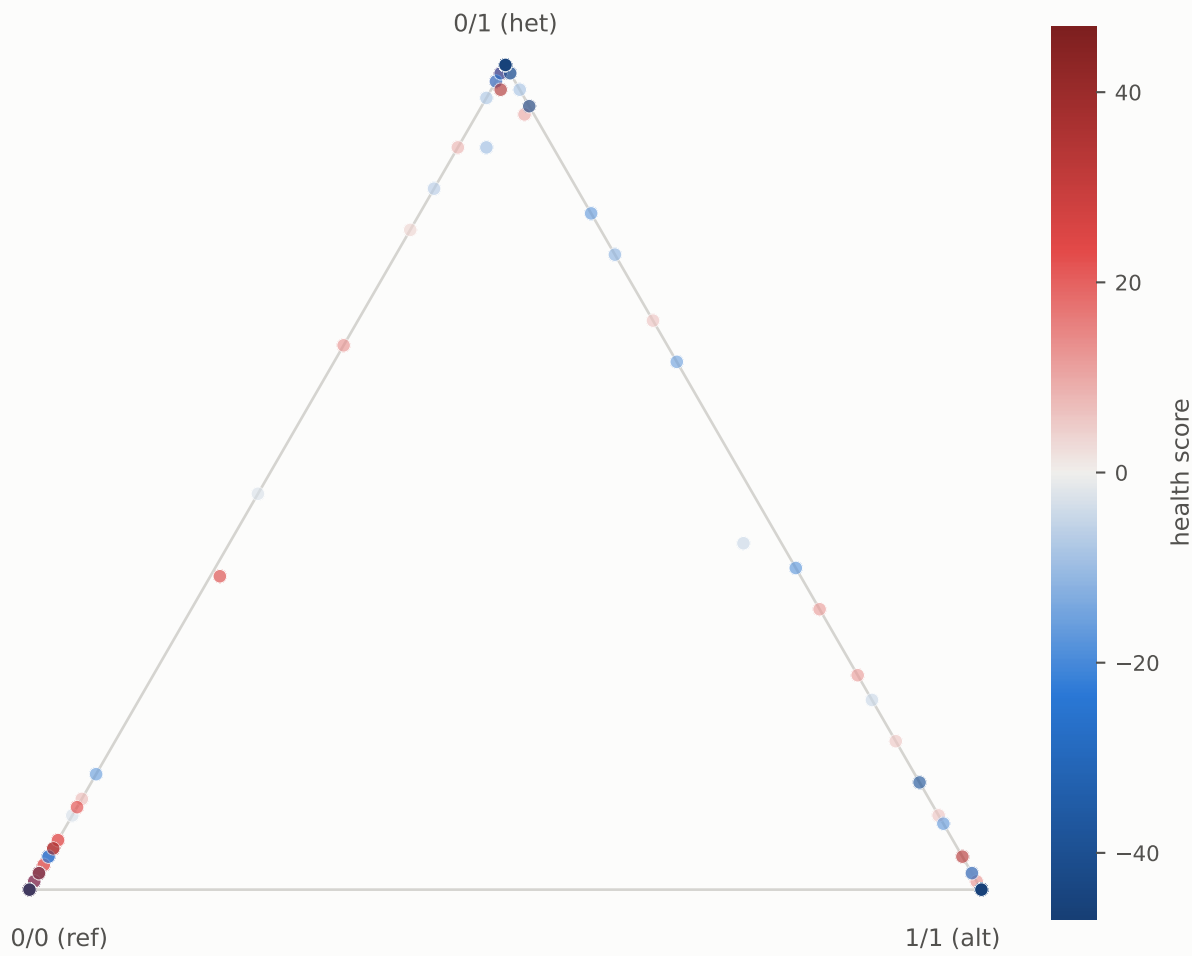
#121 by health association CHR_19:21,391,368 C>T
AF=0.096 DR2=0.88 $r=-0.213$ H=0.068 F=11.0



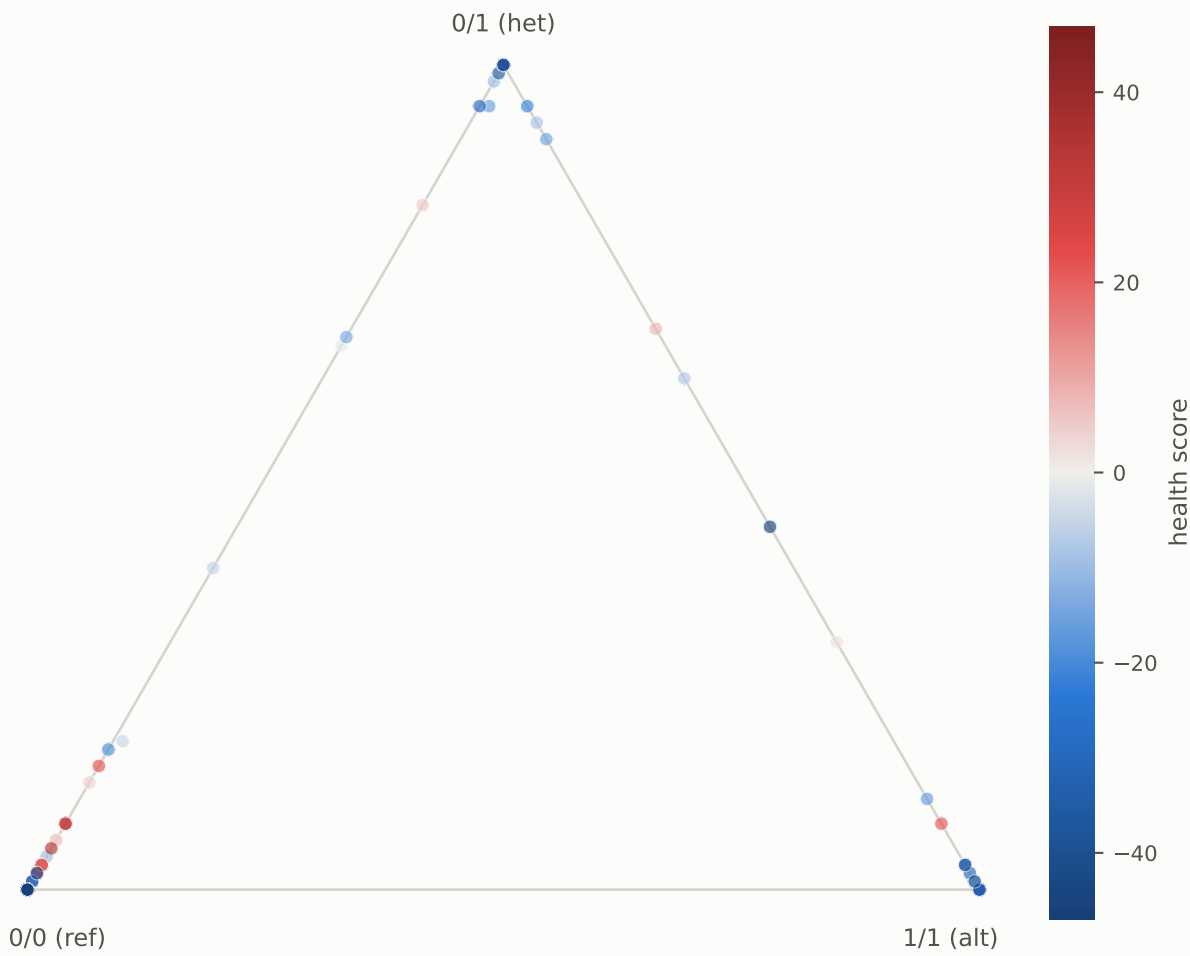
#122 by health association CHR_19:13,734,937 C>A
AF=0.5 DR2=0.92 $r=+0.213$ $\bar{H}=0.172$ $F=11.6$



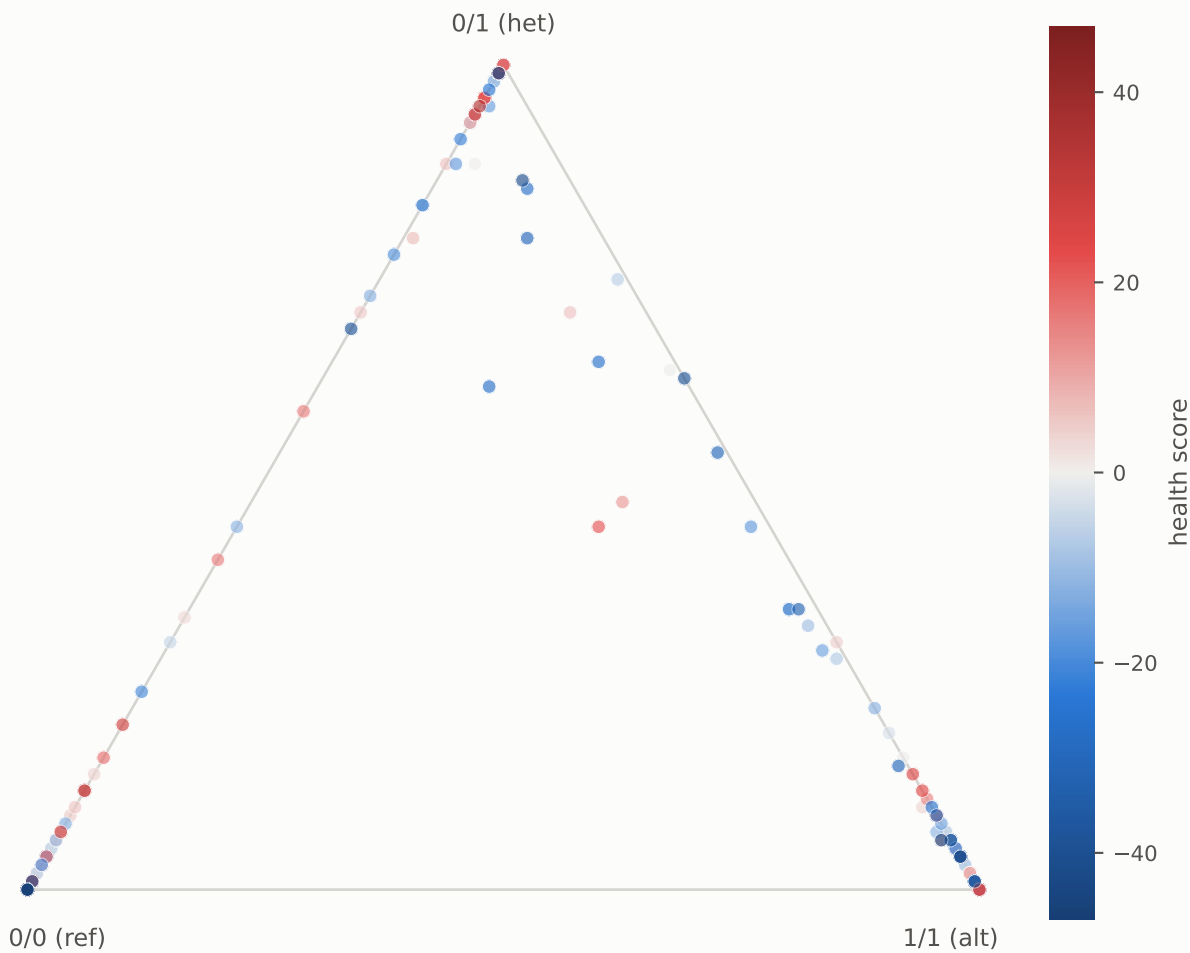
#123 by health association CHR_13:9,259,287 C>T
AF=0.41 DR2=0.96 $r=-0.213$ $\bar{H}=0.042$ $F=10.8$



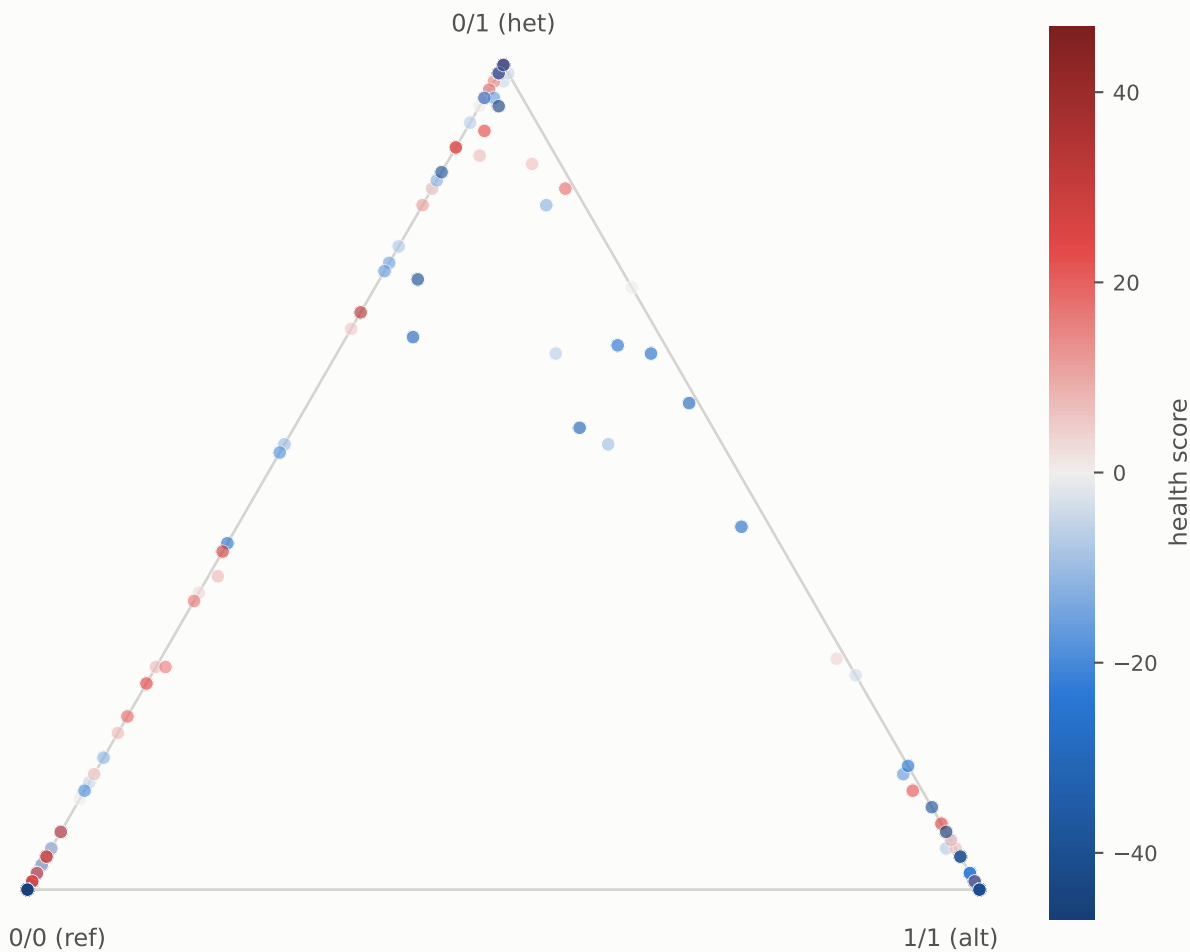
#124 by health association CHR_23:2,453,885 A>G
AF=0.099 DR2=0.96 r=-0.213 H=0.028 F=11.2



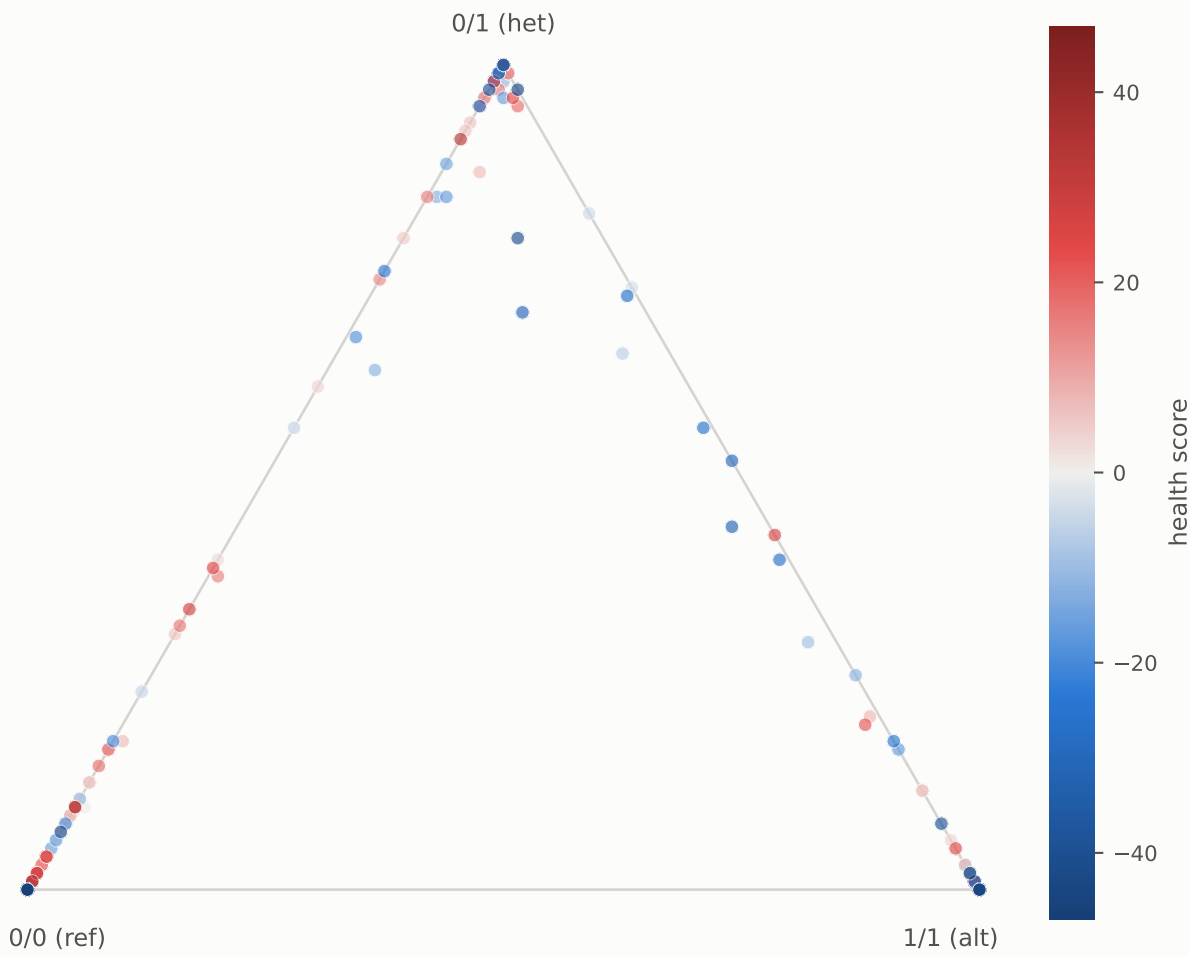
#125 by health association CHR_13:23,002,719 G>T
AF=0.19 DR2=0.93 $r=-0.213$ $H=0.098$ $F=10.8$



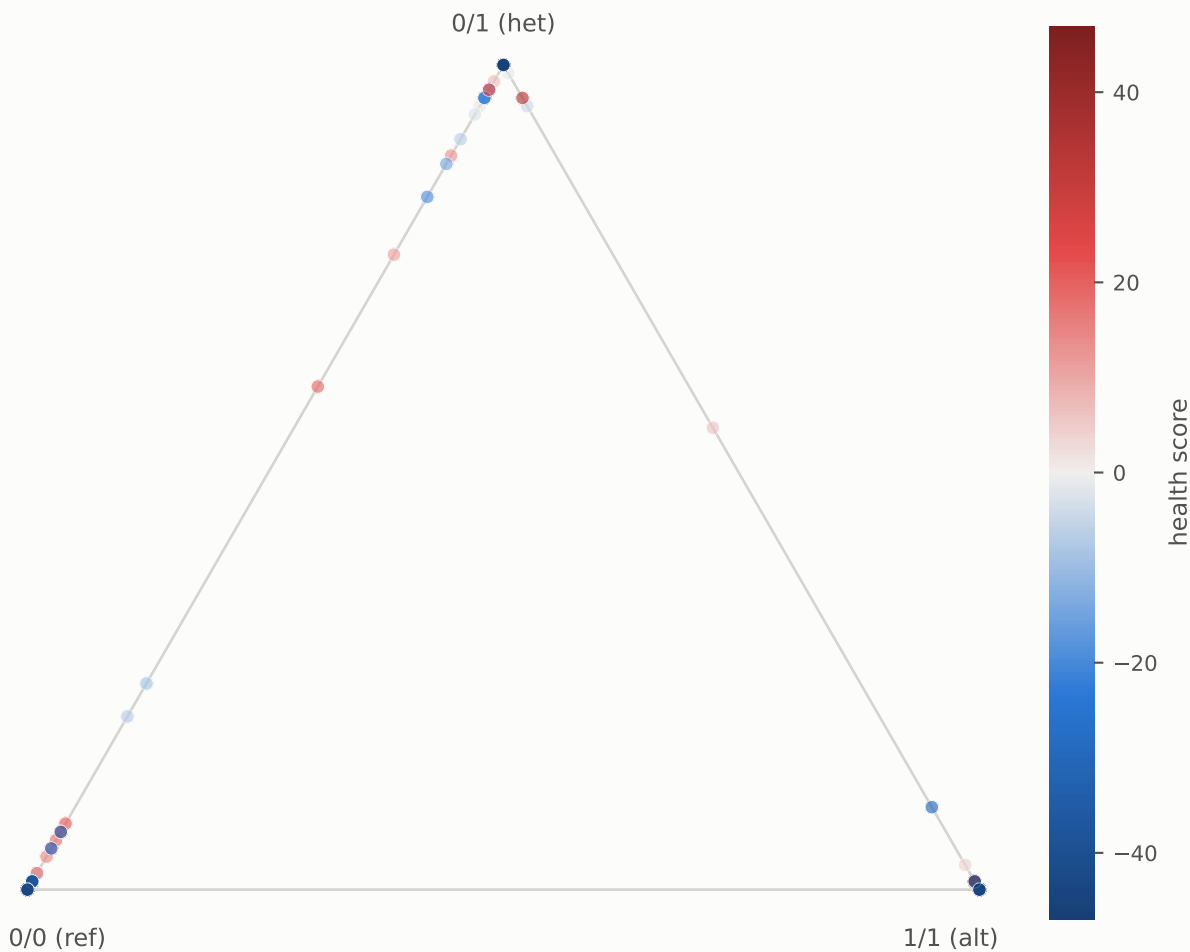
#126 by health association CHR_13:23,003,976 G>A
AF=0.21 DR2=0.95 $r=-0.213$ $H=0.083$ $F=11.2$



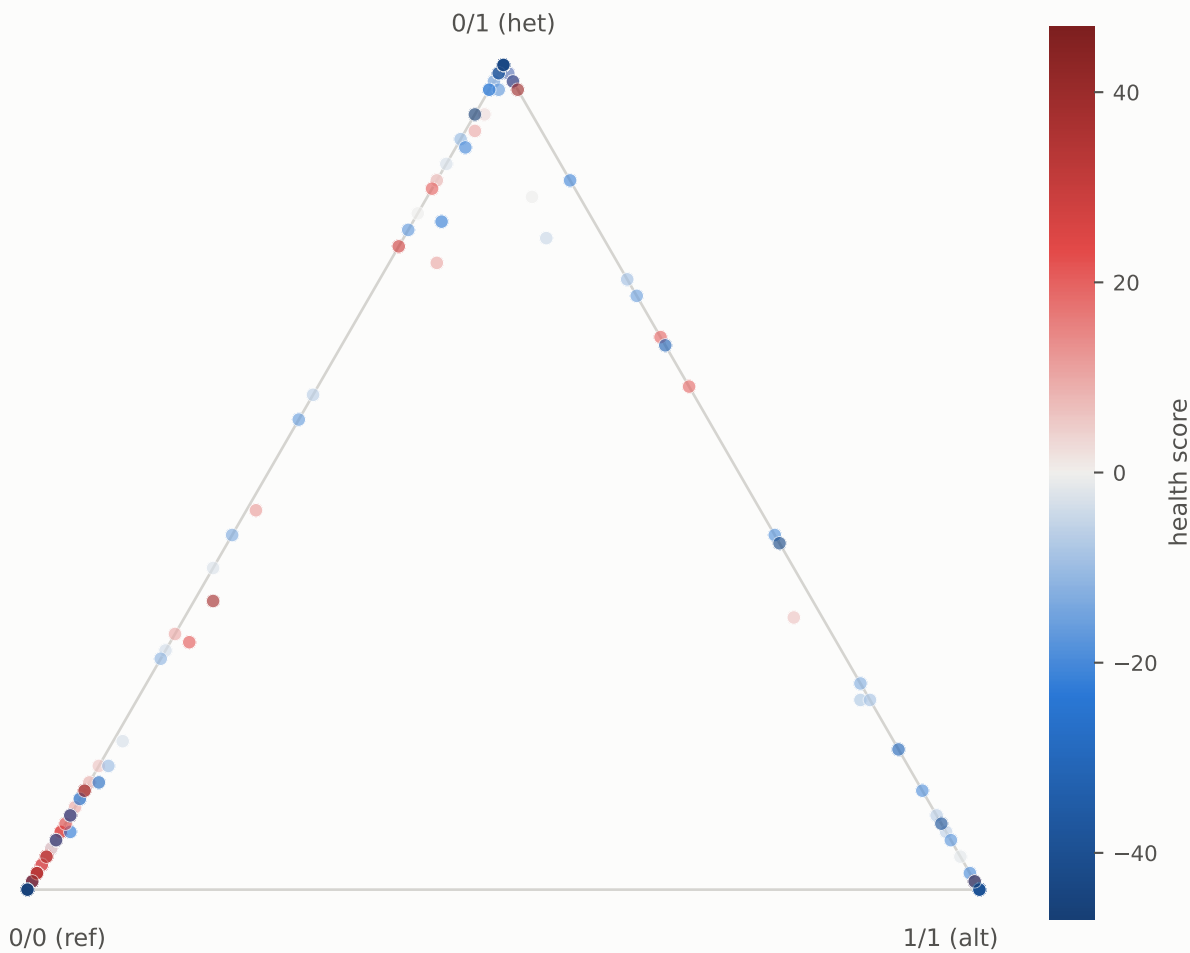
#127 by health association CHR_13:23,003,688 T>C
AF=0.23 DR2=0.94 $r=-0.213$ $H=0.088$ $F=11.1$



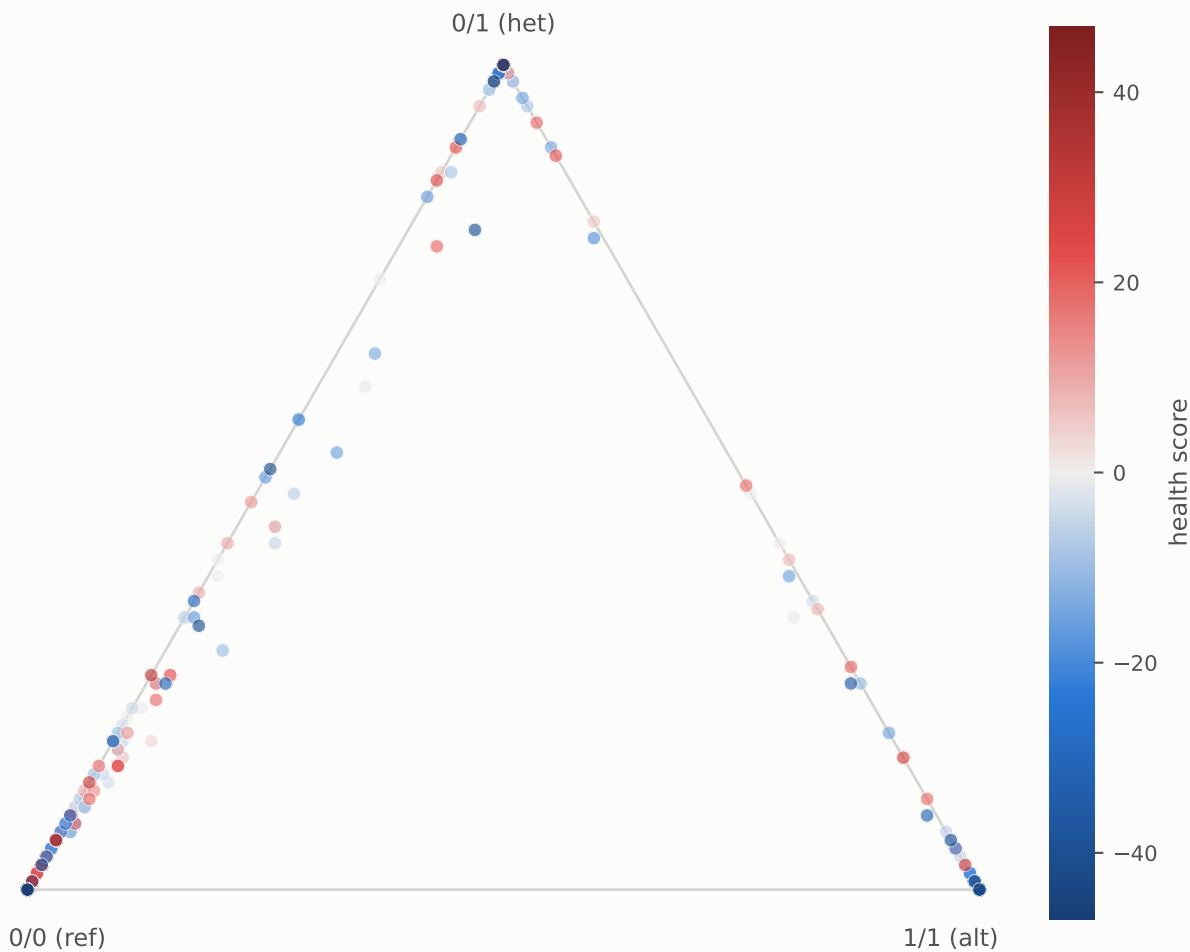
#128 by health association CHR_05:29,917,739 G>T
AF=0.13 DR2=0.97 $r=-0.213$ $\bar{H}=0.021$ F=11.4



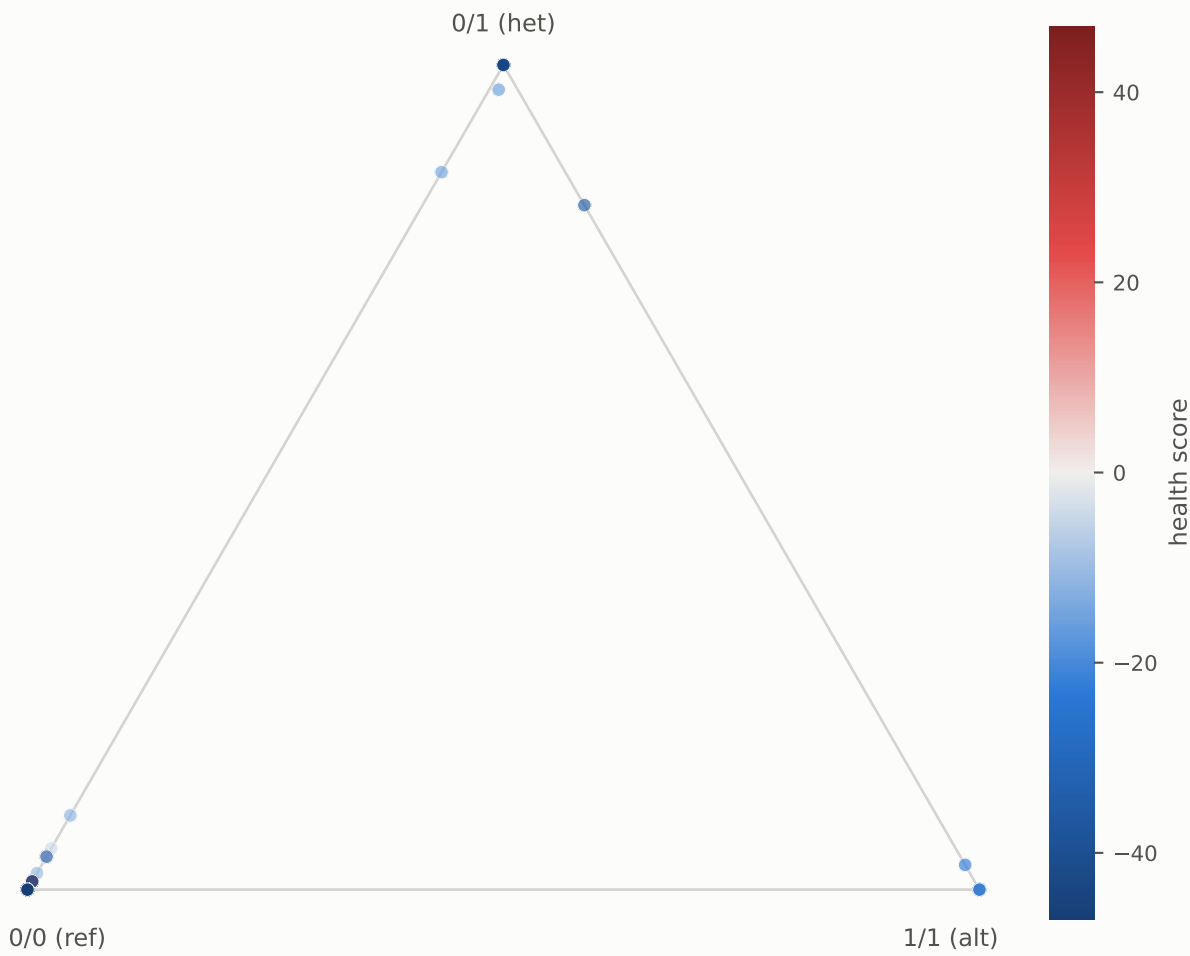
#129 by health association CHR_16:4,964,033 T>C
AF=0.26 DR2=0.93 $r=-0.213$ $\bar{H}=0.082$ $F=13.1$



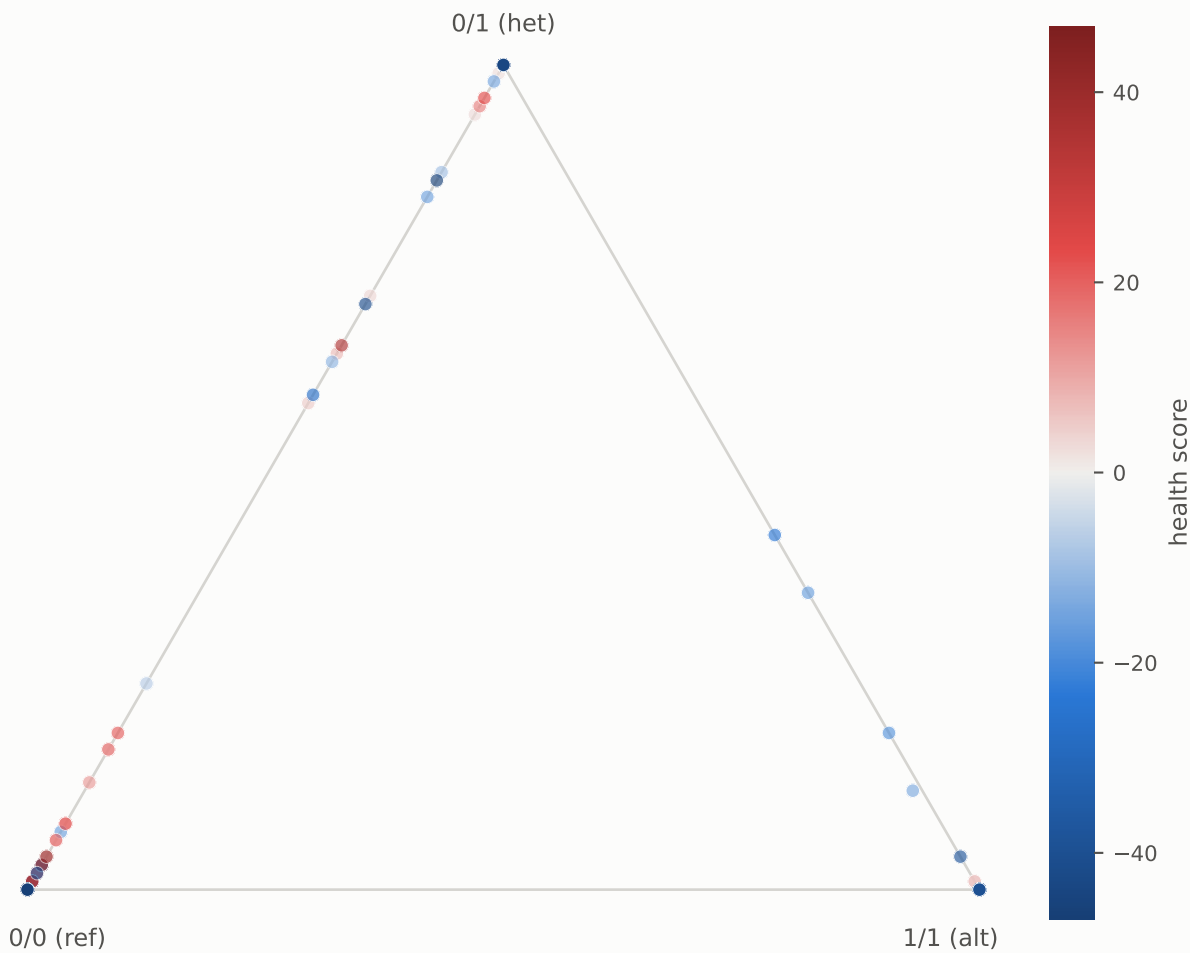
#130 by health association CHR_21:22,318,321 T>C
AF=0.22 DR2=0.89 $r=-0.213$ $H=0.149$ $F=10.4$



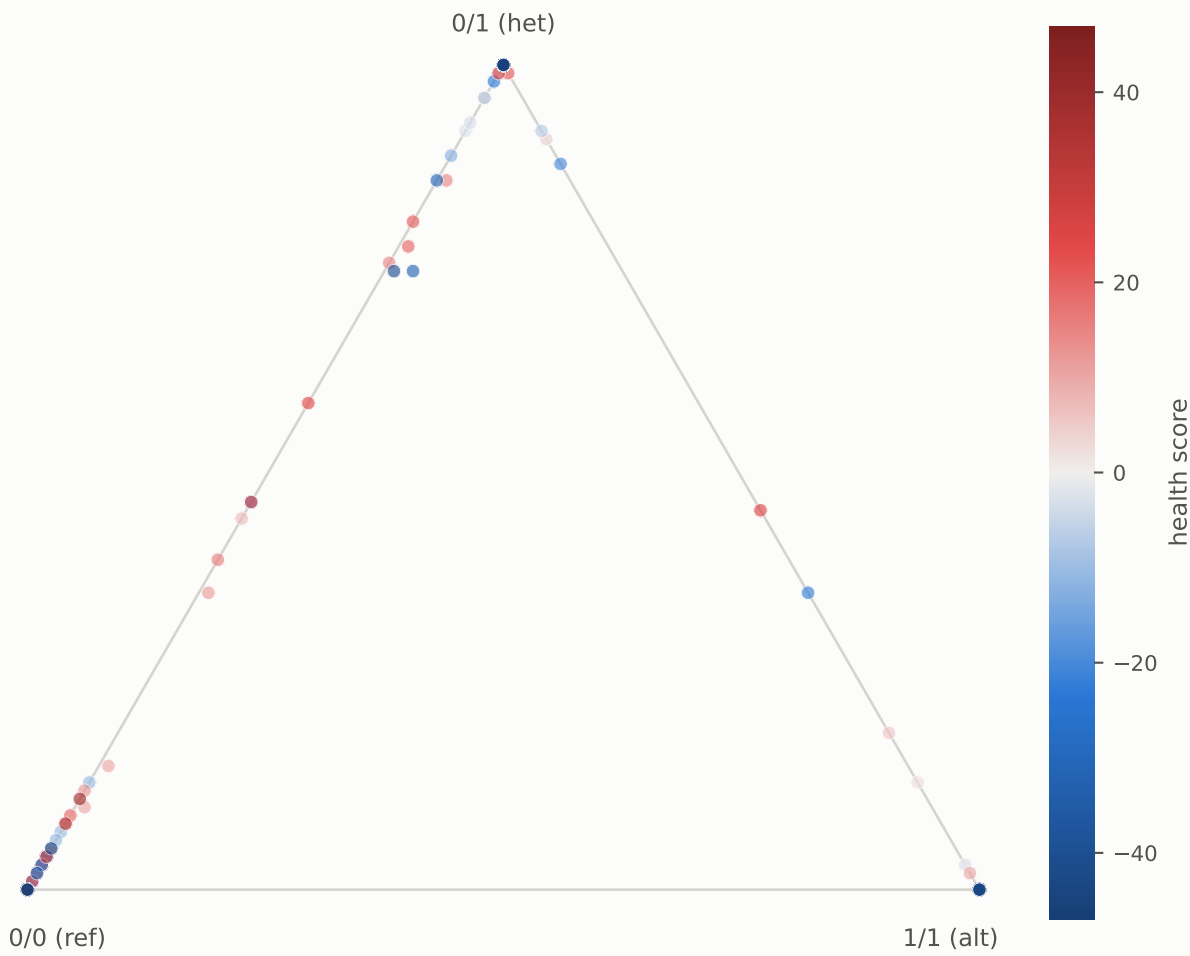
#131 by health association CHR_21:22,010,501 C>T
AF=0.02 DR2=0.97 r=-0.213 H=0.006 F=17.8



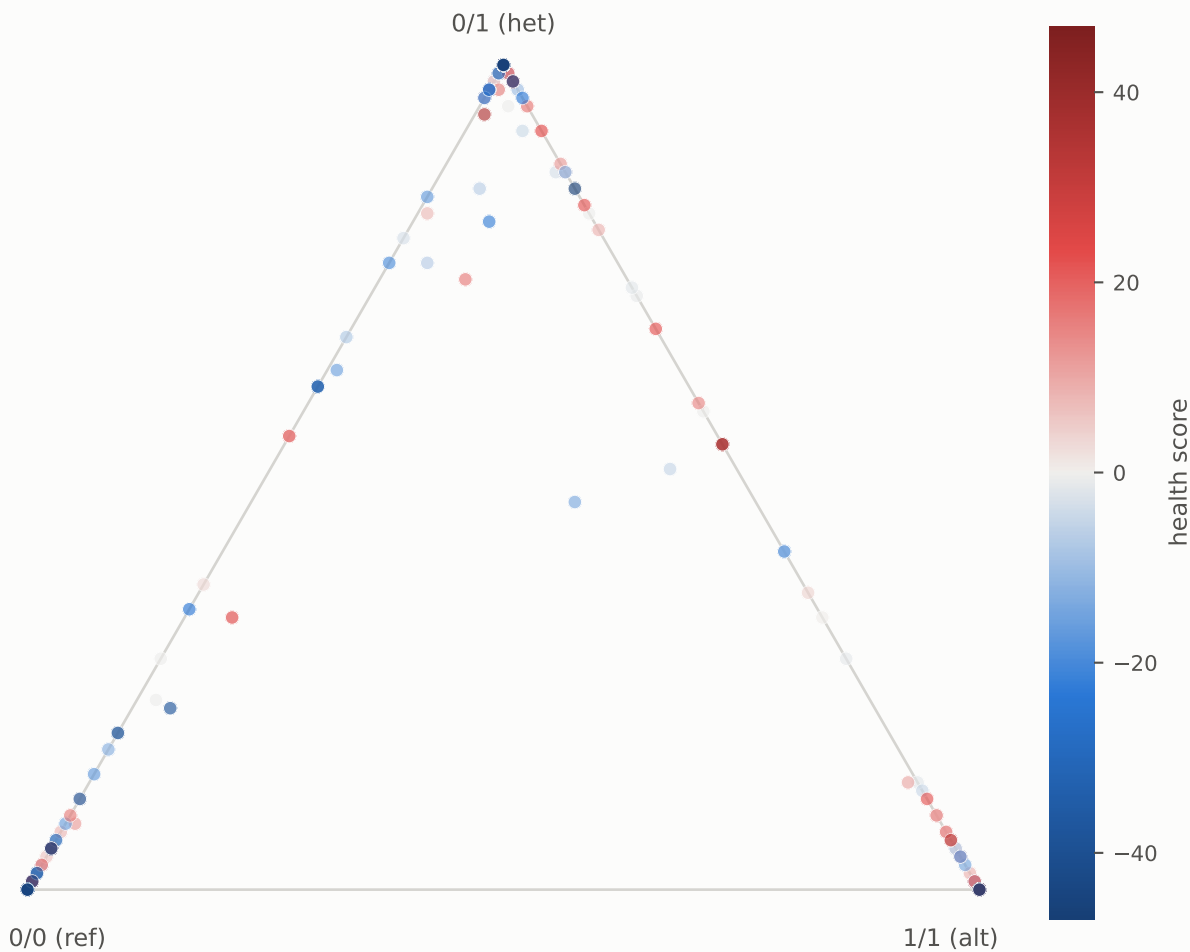
#132 by health association CHR_19:5,130,594 G>A
AF=0.11 DR2=0.96 $r=-0.212$ $\bar{H}=0.033$ F=11.4



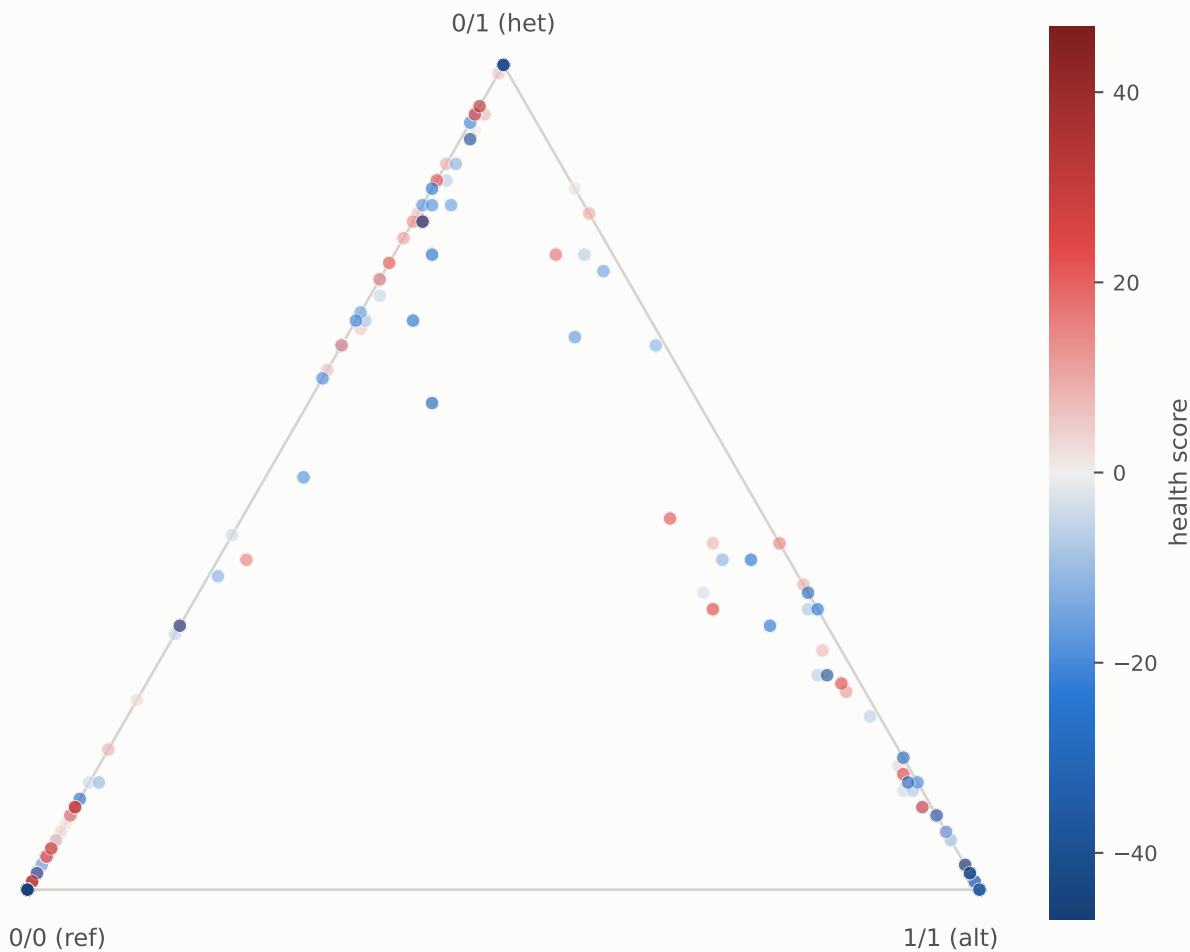
#133 by health association CHR_01:4,733,164 A>G
AF=0.21 DR2=0.95 $r=-0.212$ $\bar{H}=0.044$ F=10.6



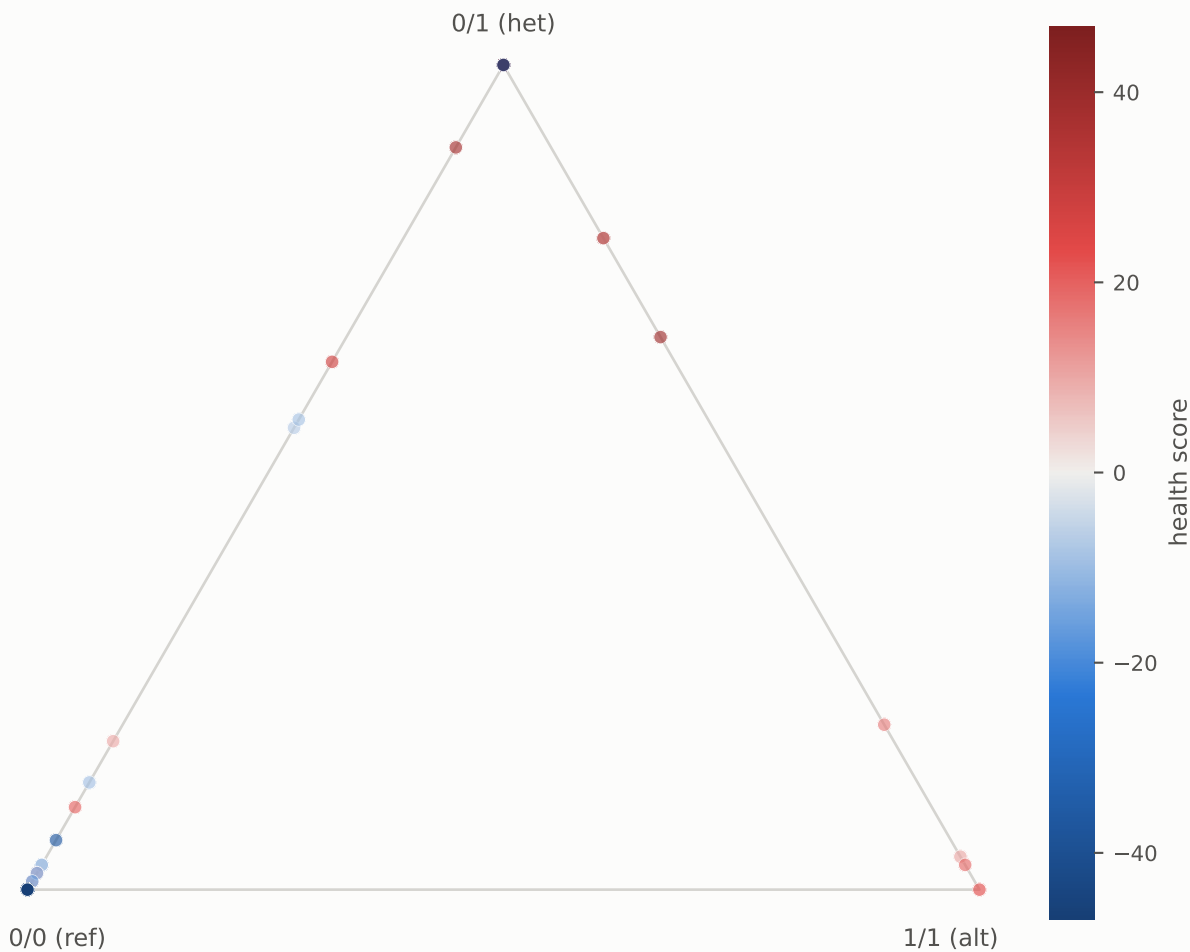
#134 by health association CHR_02:14,133,778 T>A
AF=0.44 DR2=0.94 r=+0.212 H=0.090 F=10.1



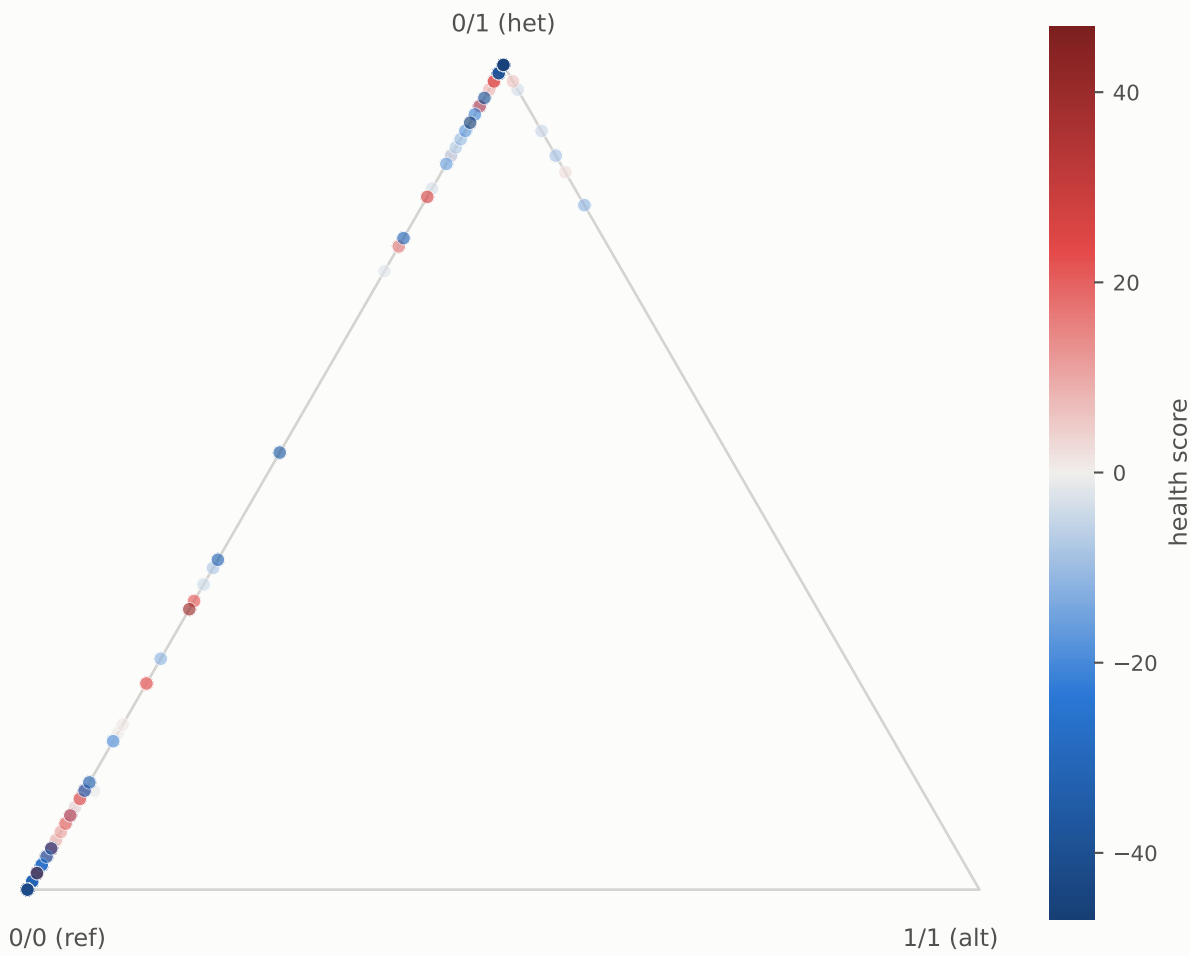
#135 by health association CHR_13:23,001,486 G>T
AF=0.19 DR2=0.91 $r=-0.212$ $H=0.124$ $F=10.5$



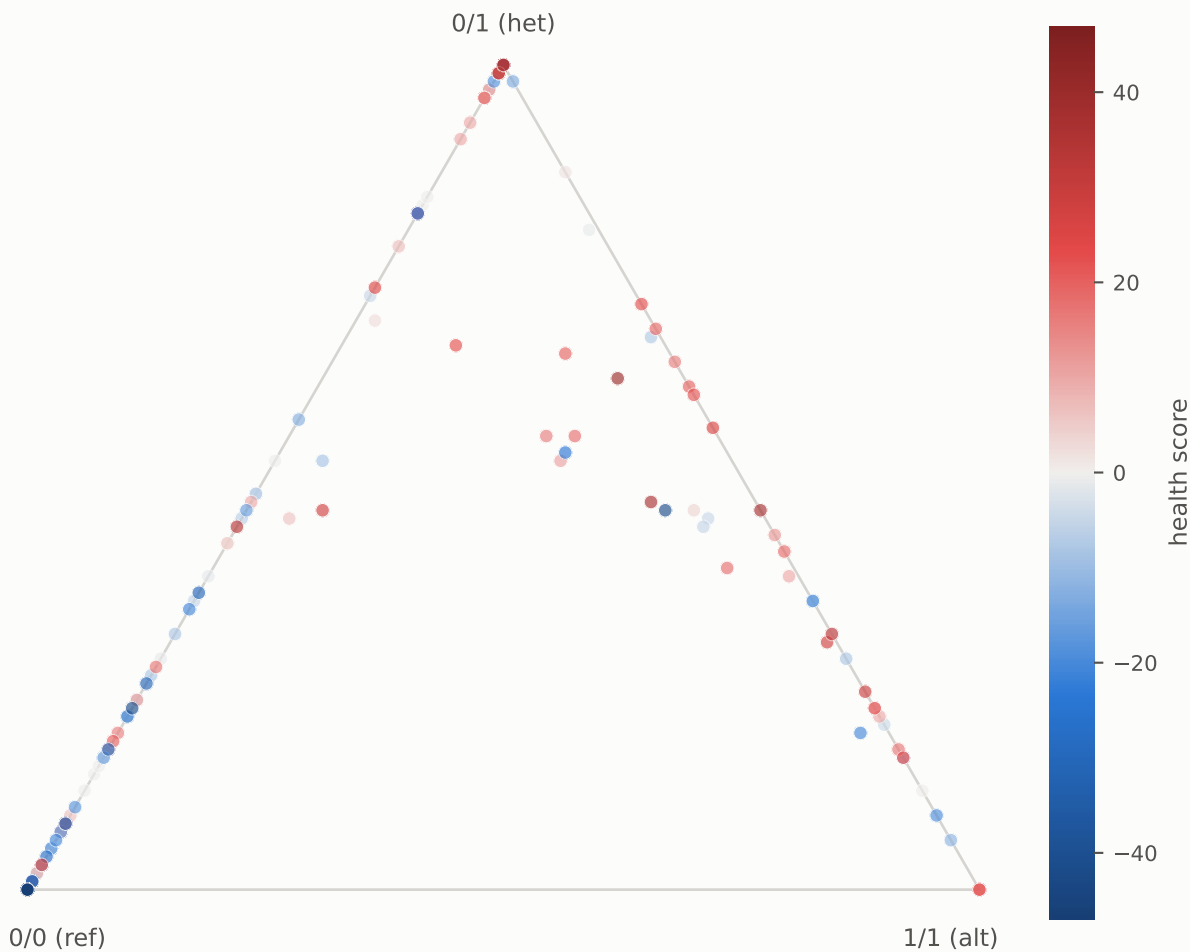
#136 by health association CHR_16:15,275,589 T>C
AF=0.06 DR2=0.96 r=+0.212 H=0.016 F=16.0



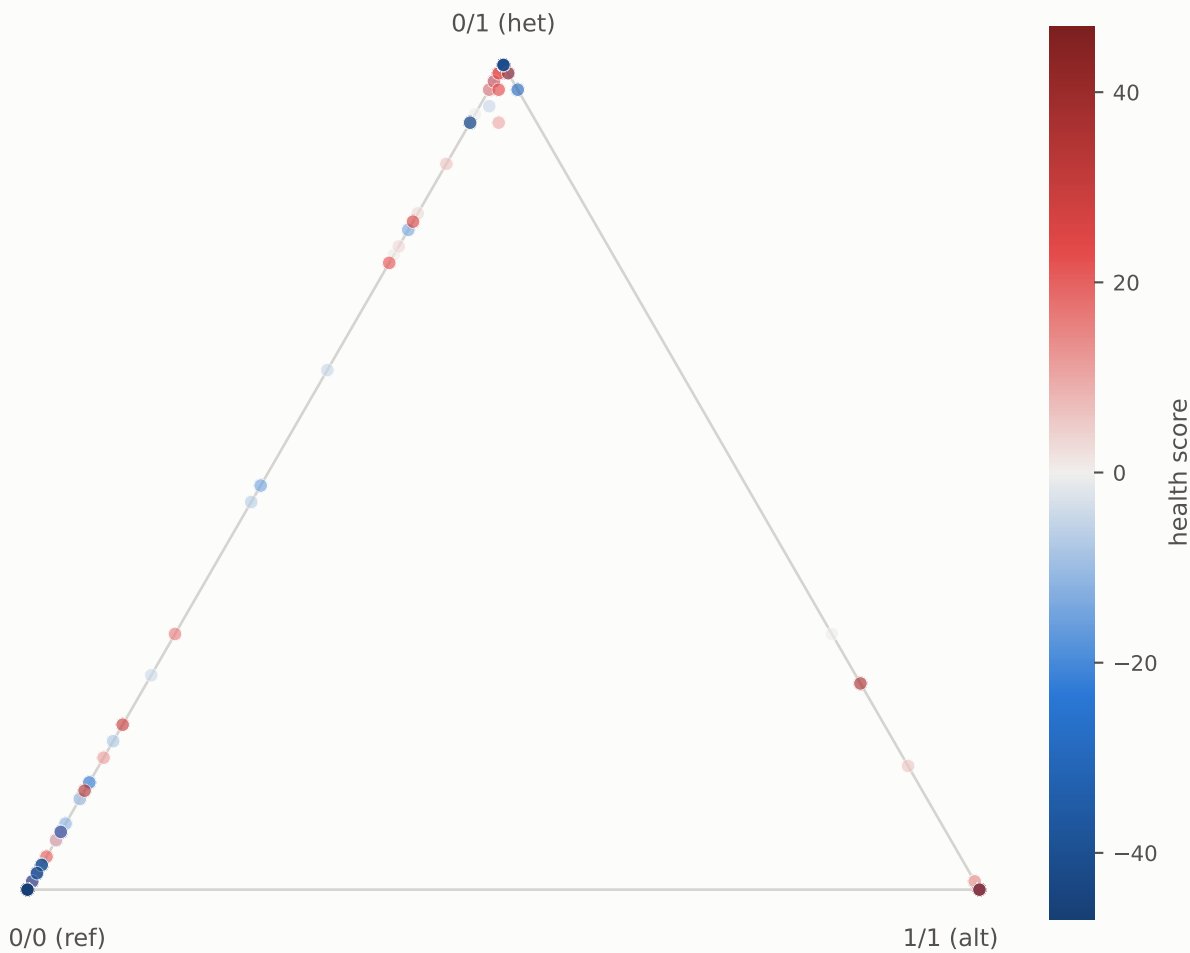
#137 by health association CHR_01:4,796,694 T>C
AF=0.073 DR2=0.83 r=-0.212 H=0.067 F=21.2



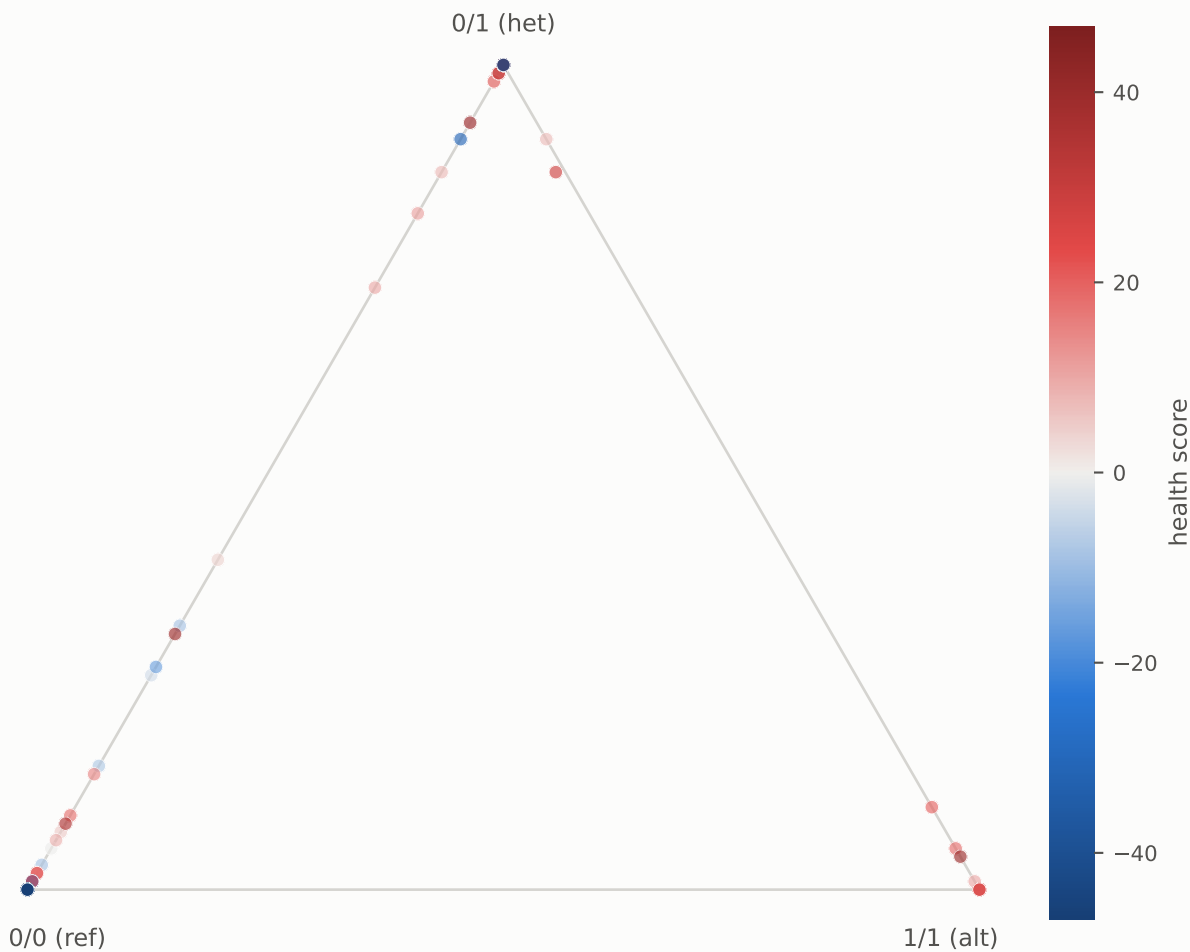
#138 by health association CHR_19:19,748,732 C>A
AF=0.14 DR2=0.82 r=+0.212 H=0.145 F=10.6



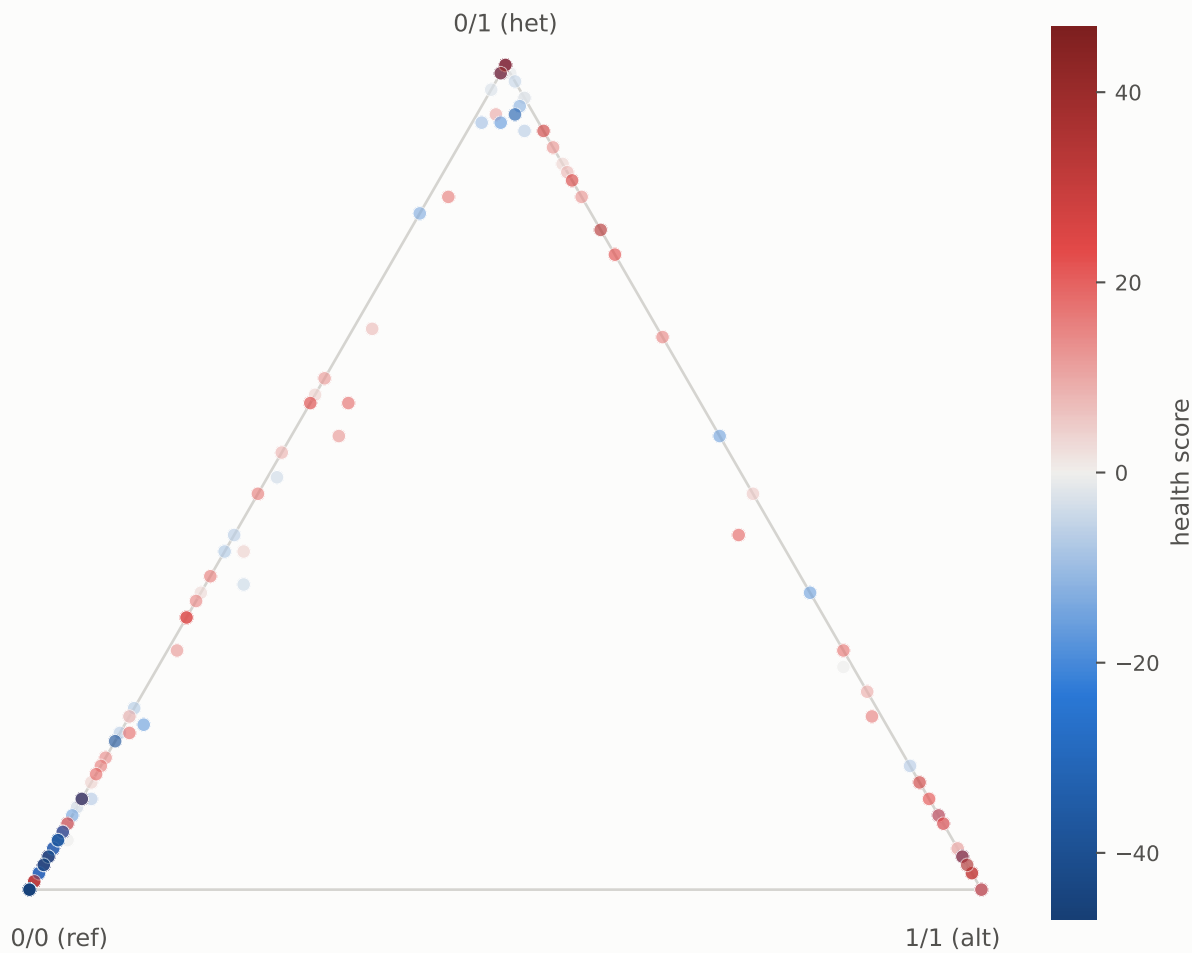
#139 by health association CHR_01:42,448,715 G>T
AF=0.23 DR2=0.96 r=+0.212 H=0.040 F=10.8



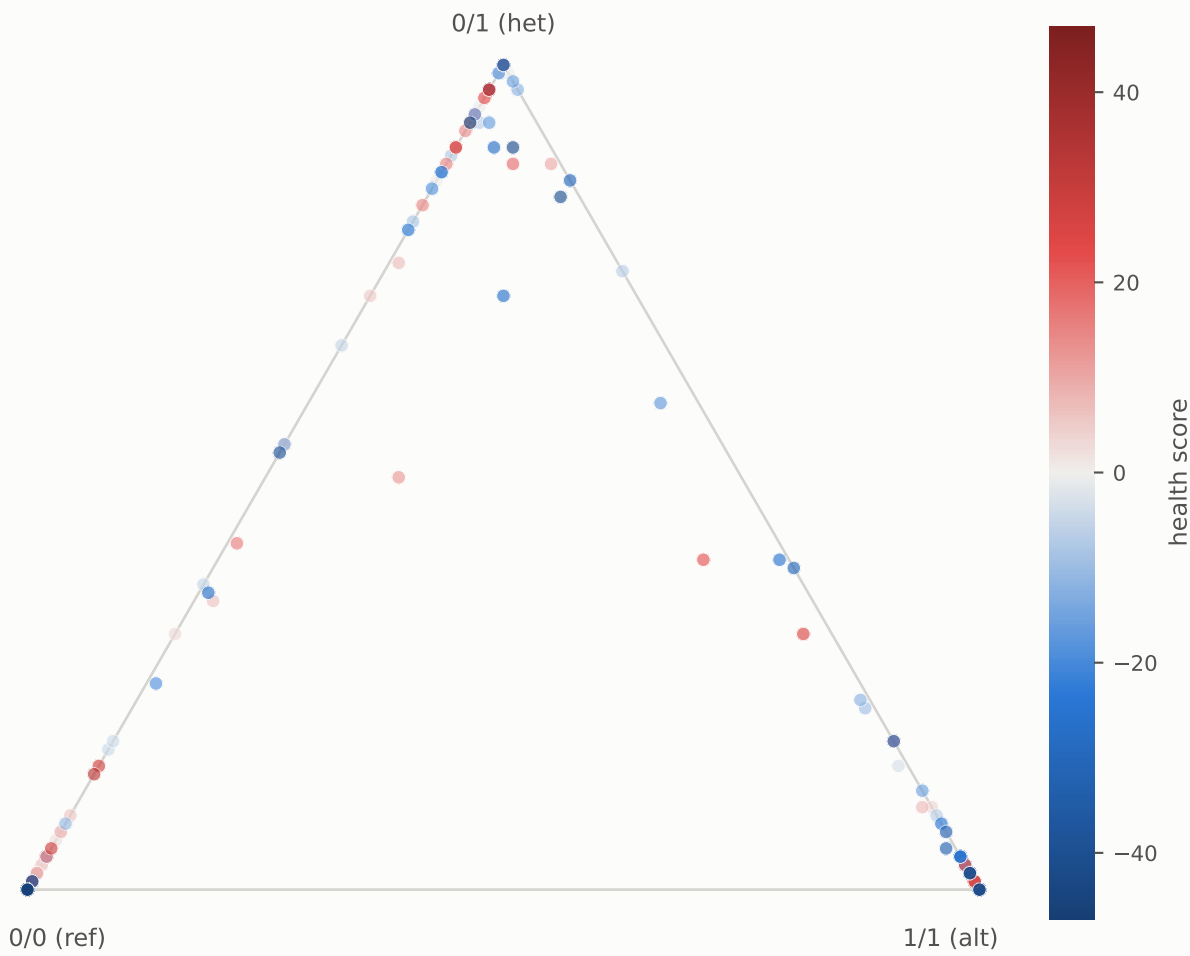
#140 by health association CHR_16:15,250,365 C>T
AF=0.099 DR2=0.96 $r=+0.212$ H=0.023 F=10.7



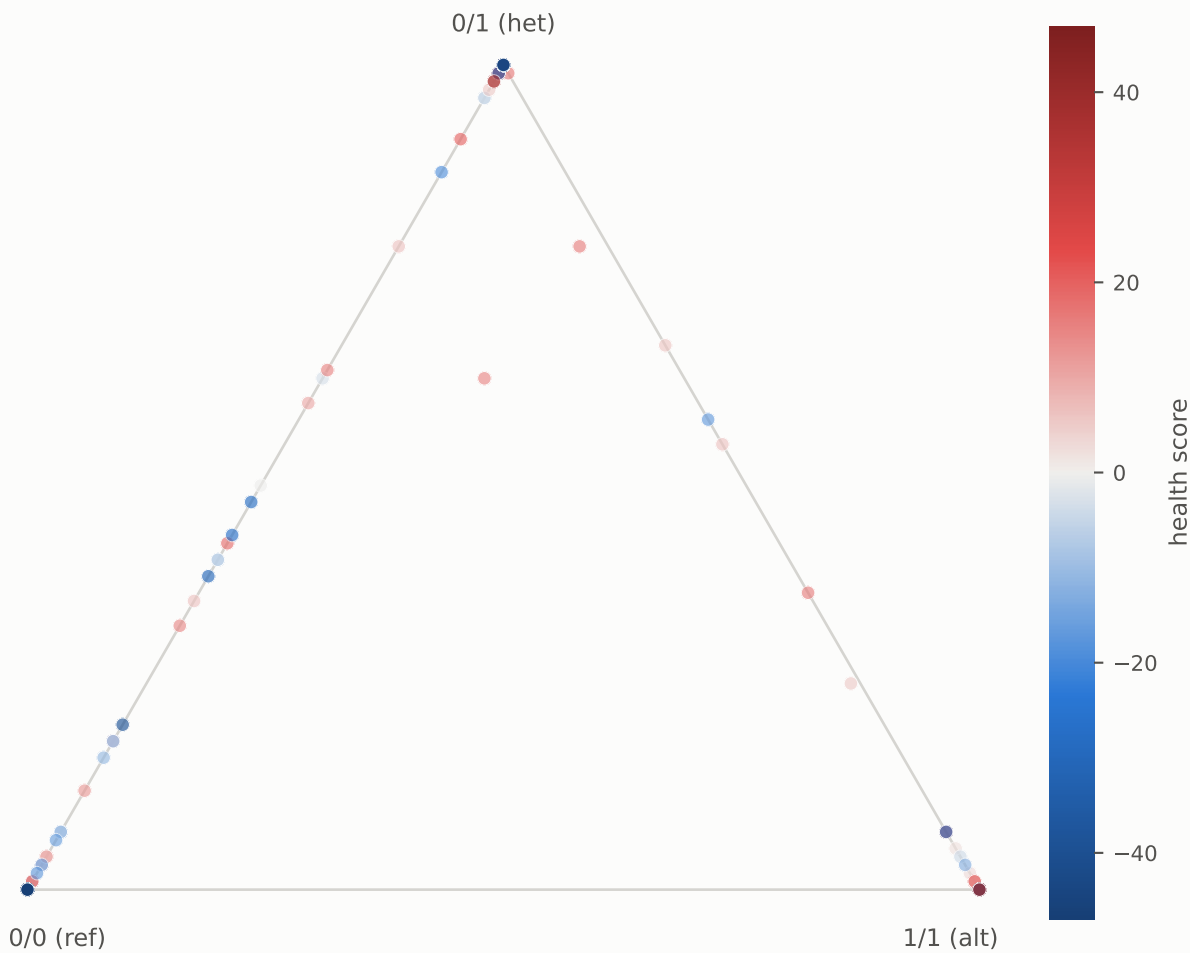
#141 by health association CHR_14:17,029,483 G>A
AF=0.15 DR2=0.89 r=+0.212 H=0.106 F=10.1



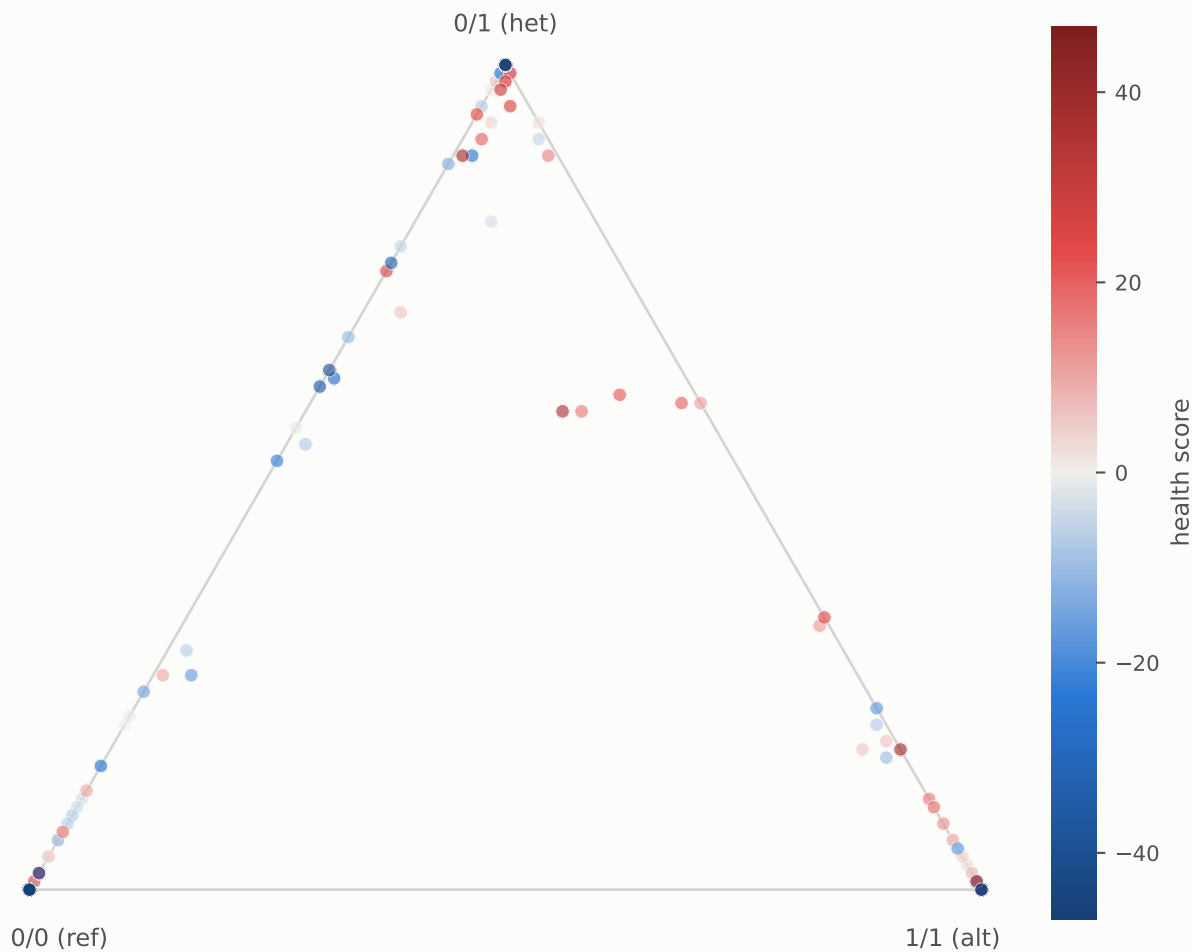
#142 by health association CHR_13:23,002,239 T>C
AF=0.18 DR2=0.94 $r=-0.212$ $\bar{H}=0.085$ $F=10.5$



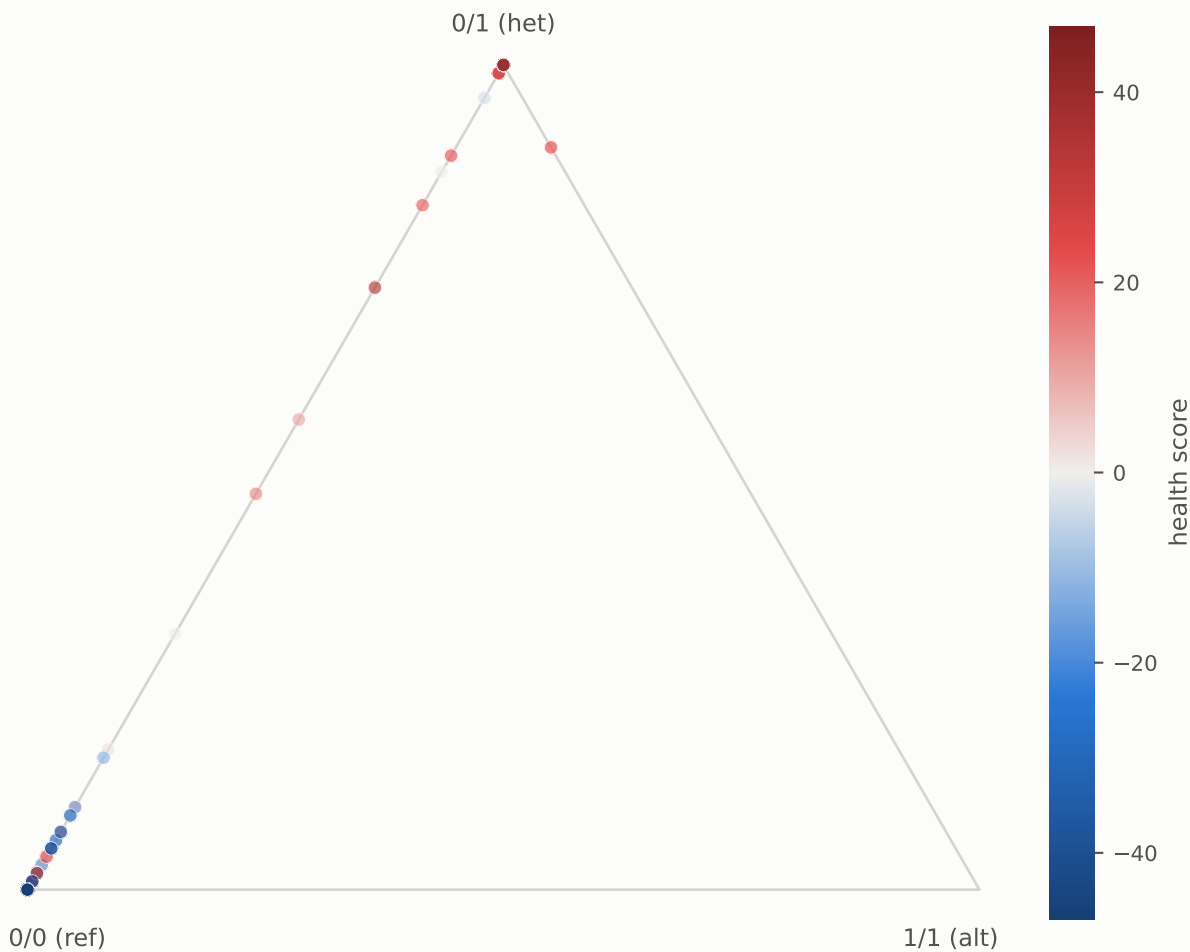
#143 by health association CHR_01:42,424,890 G>A
AF=0.28 DR2=0.96 r=+0.211 H=0.047 F=12.5



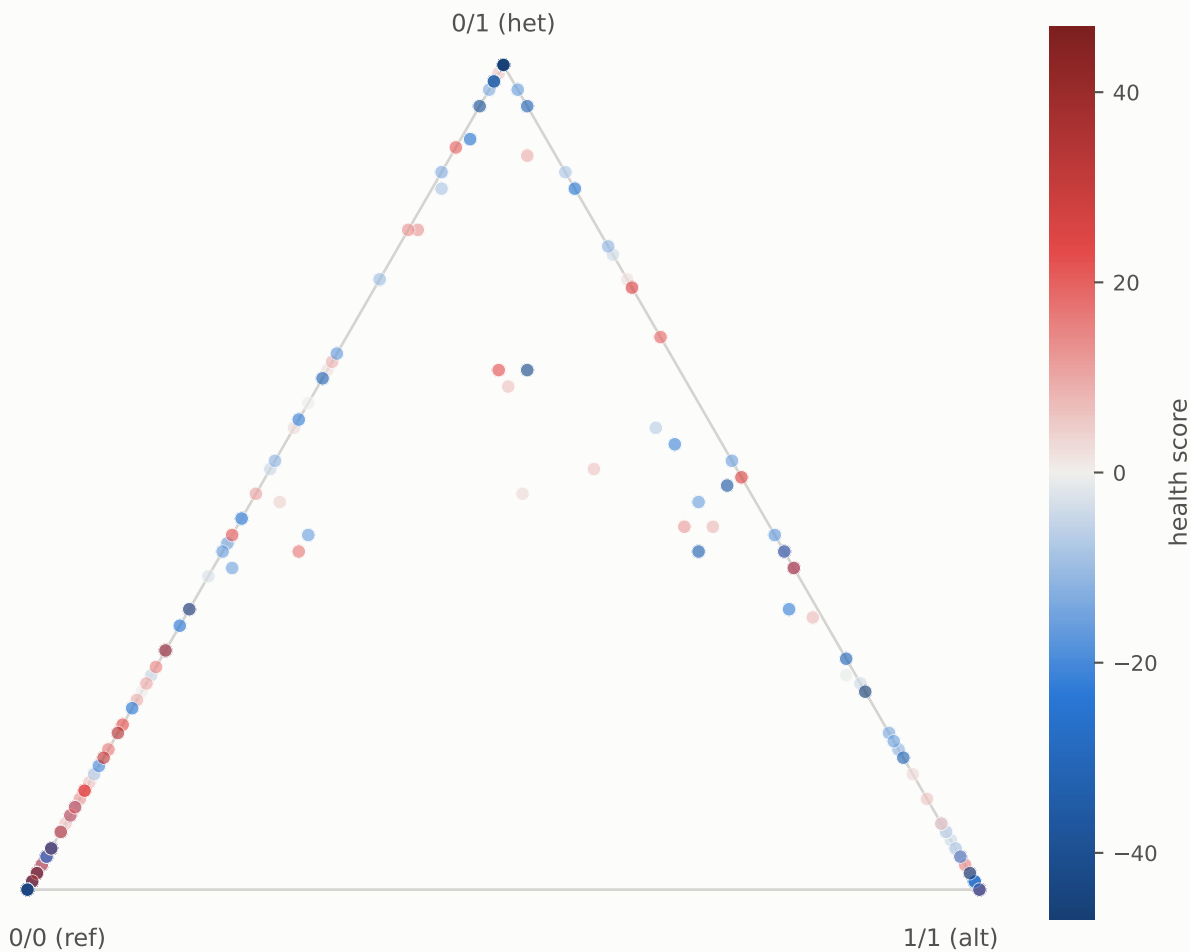
#144 by health association CHR_19:6,216,326 T>C
AF=0.34 DR2=0.95 r=+0.211 H=0.070 F=12.7



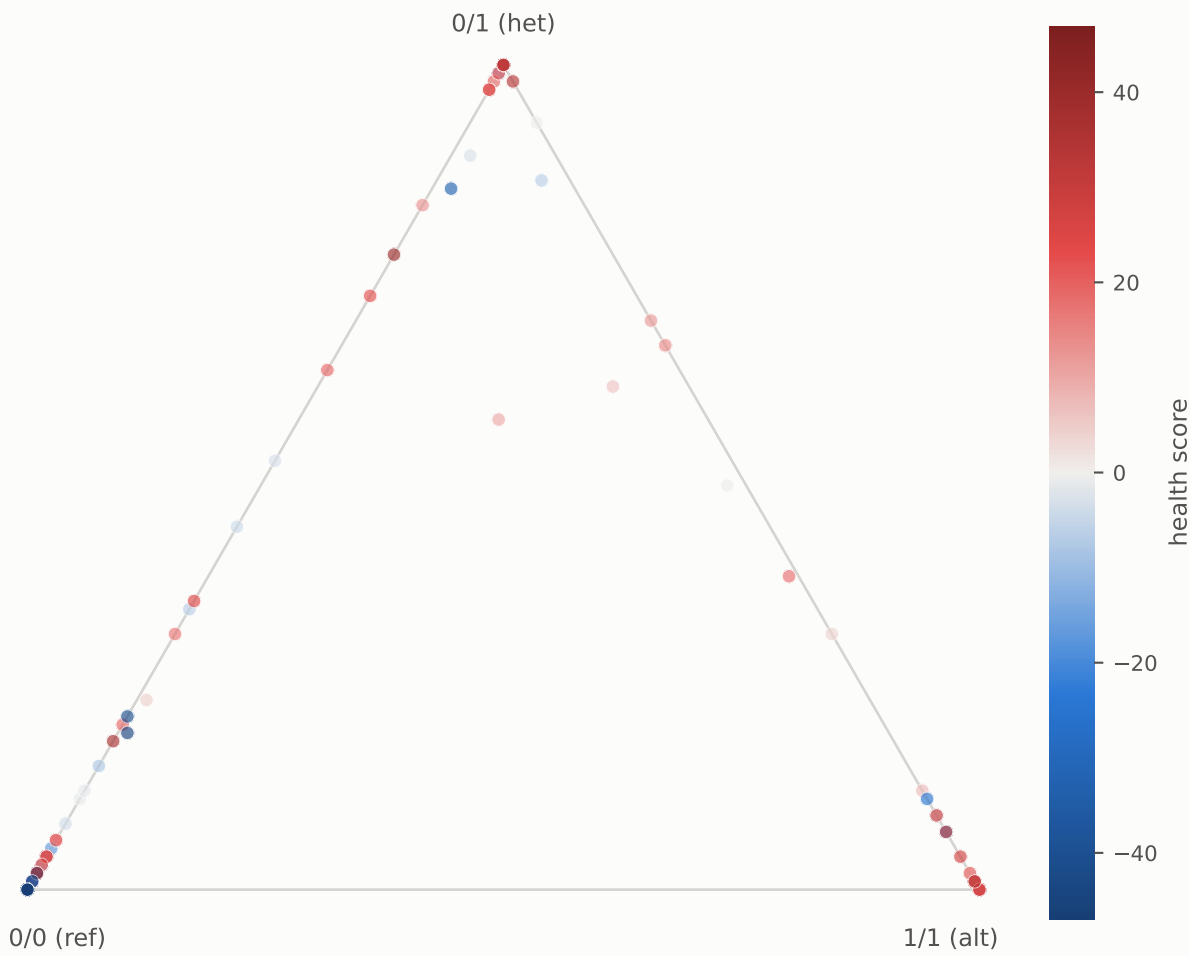
#145 by health association CHR_15:20,213,973 A>G
AF=0.051 DR2=0.92 r=+0.211 H=0.026 F=21.8



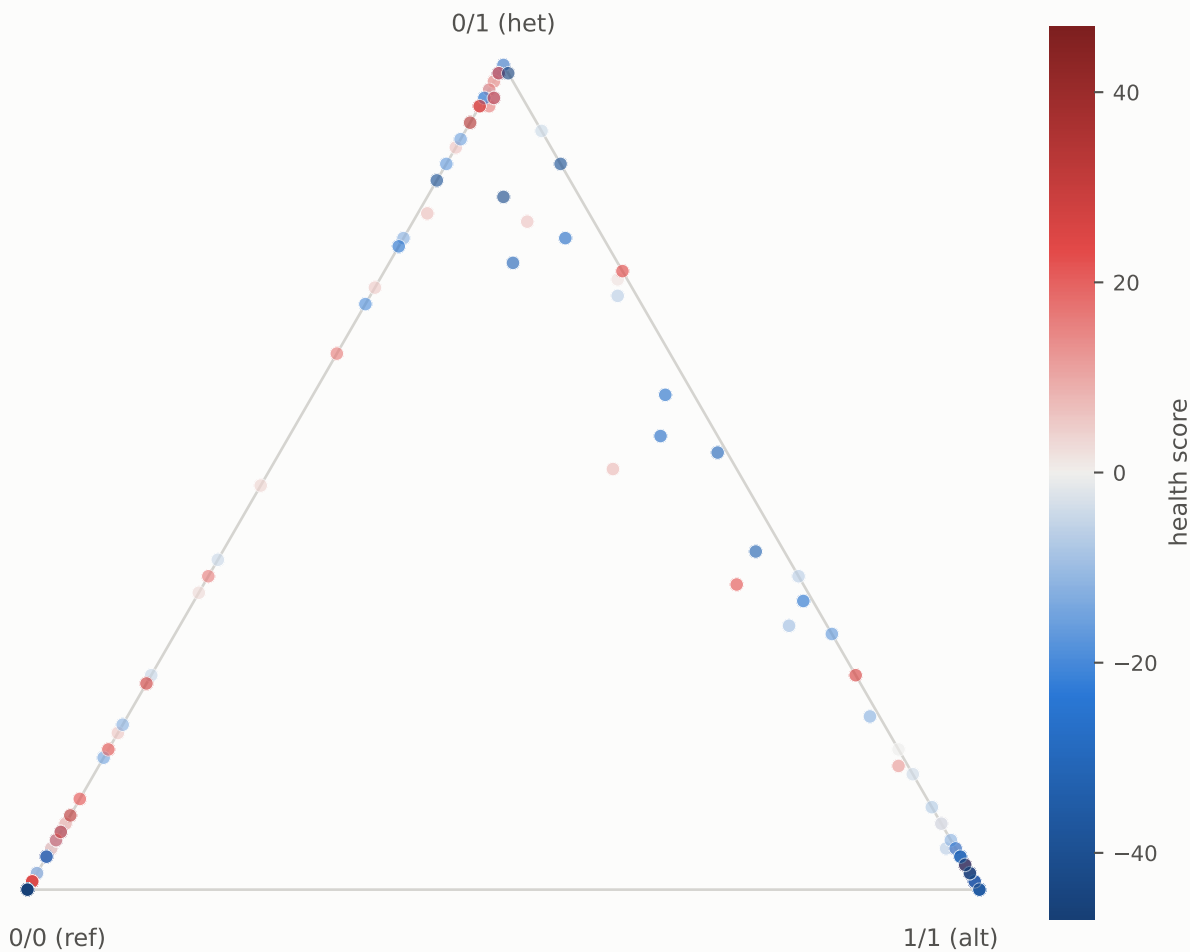
#146 by health association CHR_10:519,128 G>A
AF=0.25 DR2=0.86 $r=-0.211$ $H^2=0.156$ $F=10.6$



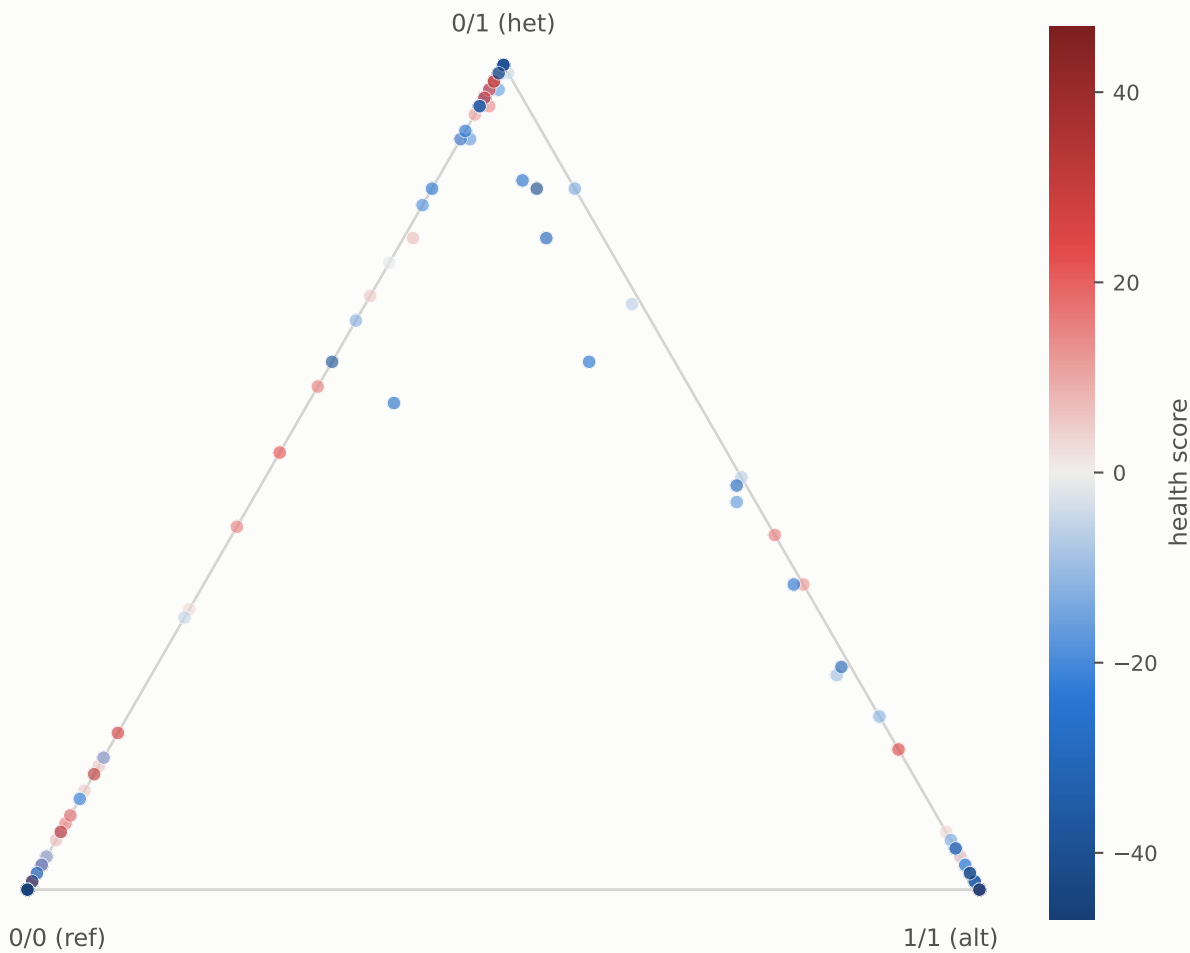
#147 by health association CHR_14:17,029,005 G>A
AF=0.14 DR2=0.94 r=+0.211 H=0.056 F=12.1



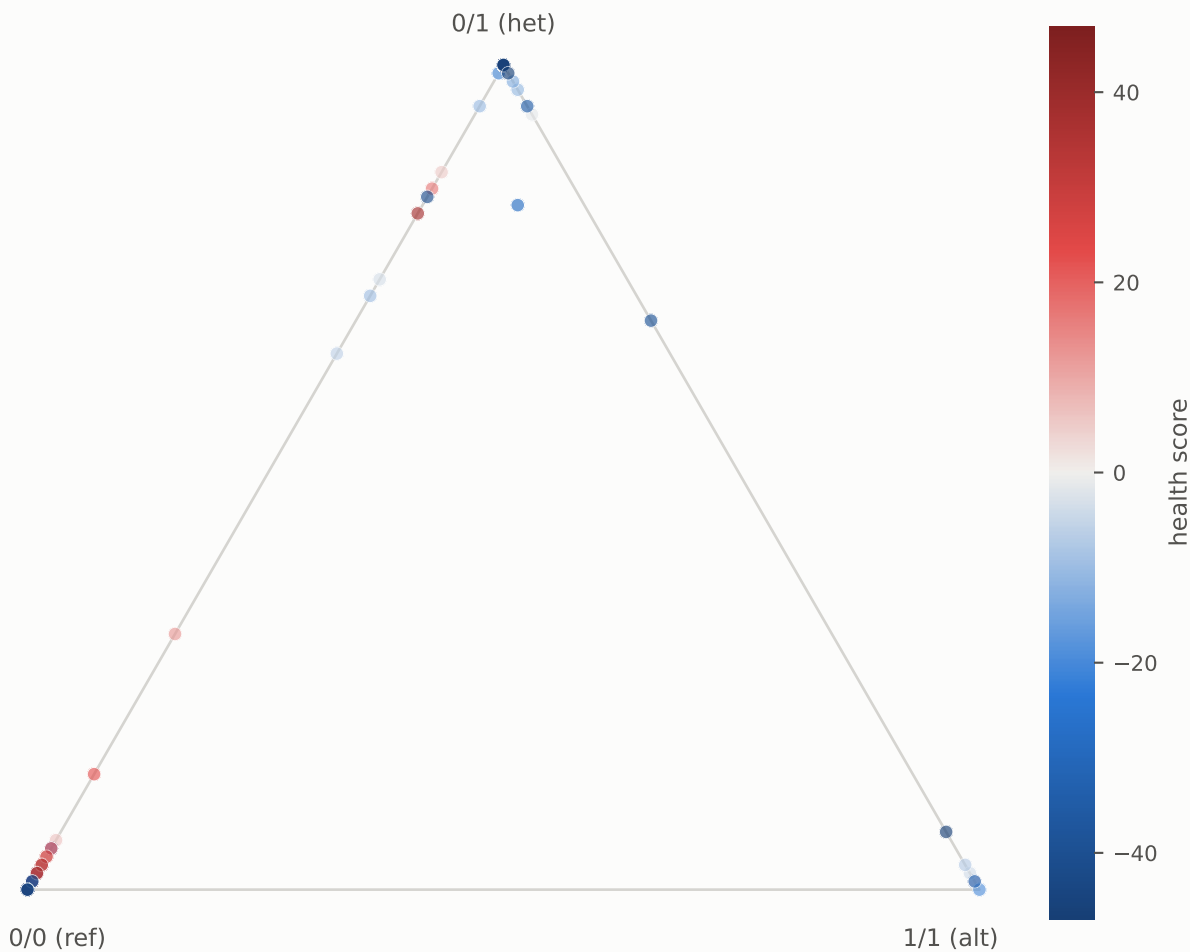
#148 by health association CHR_13:23,003,264 G>A
AF=0.19 DR2=0.94 $r=-0.211$ $H=0.085$ $F=10.6$



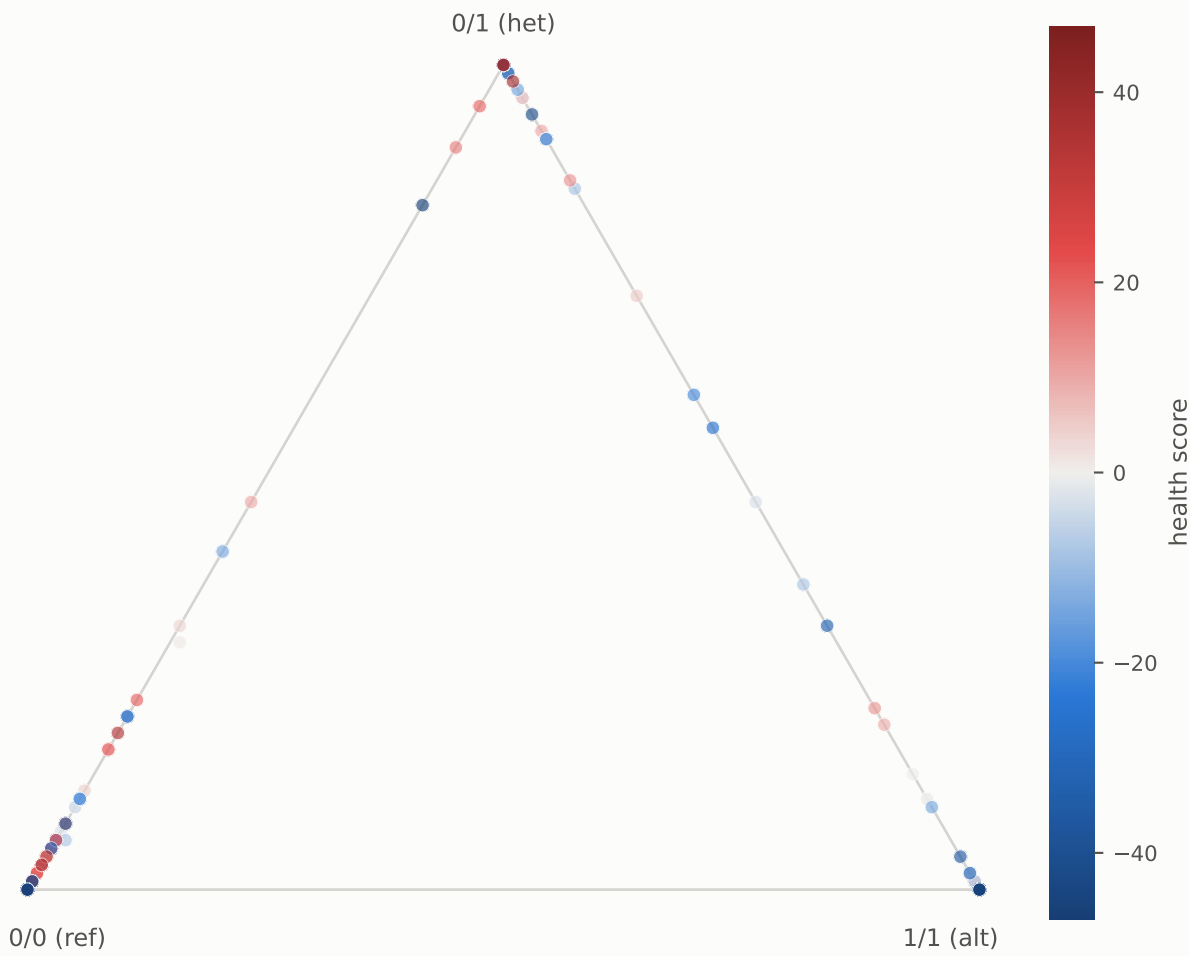
#149 by health association CHR_13:23,002,550 G>A
AF=0.2 DR2=0.94 $r=-0.211$ $\bar{H}=0.073$ F=11.4



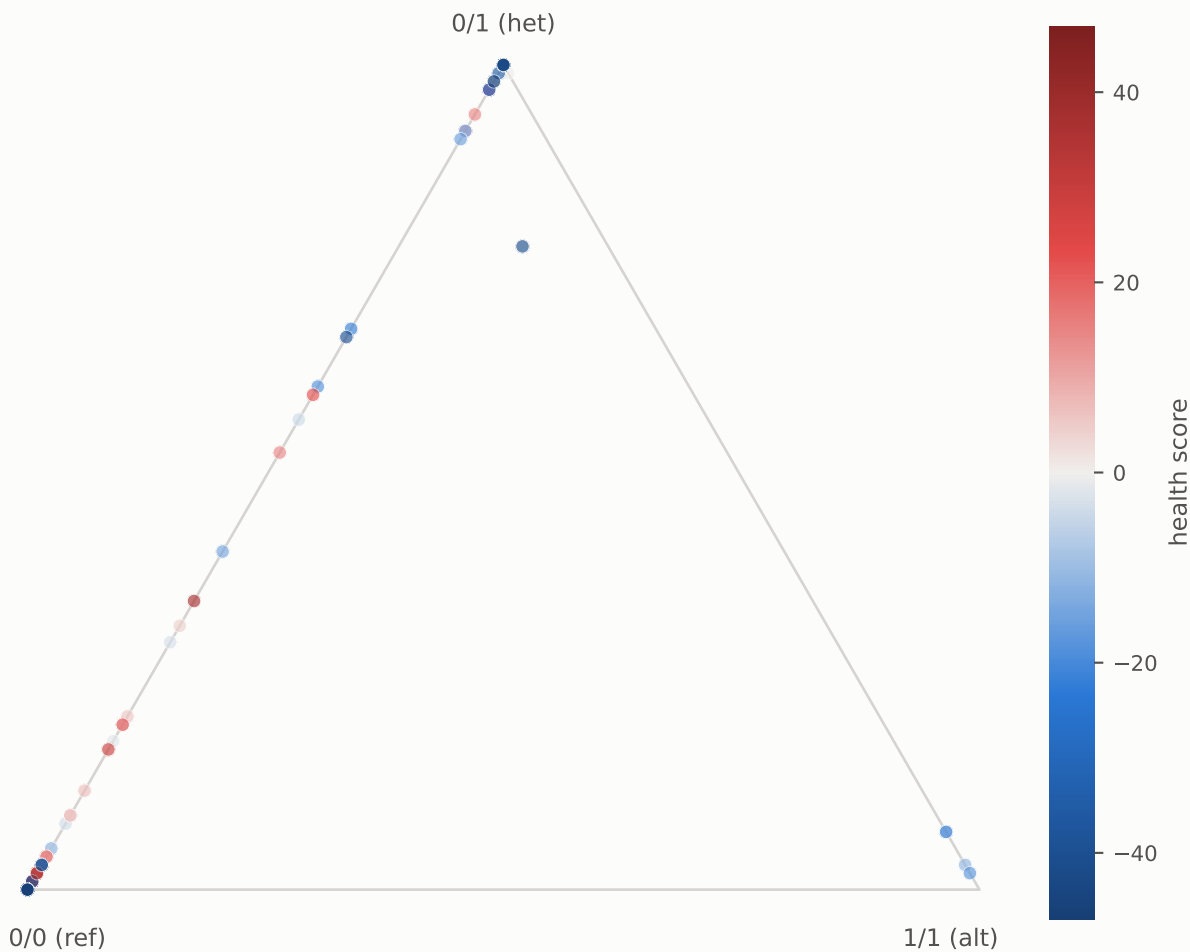
#150 by health association CHR_05:29,883,108 G>A
AF=0.11 DR2=0.95 r=-0.211 H=0.023 F=10.4



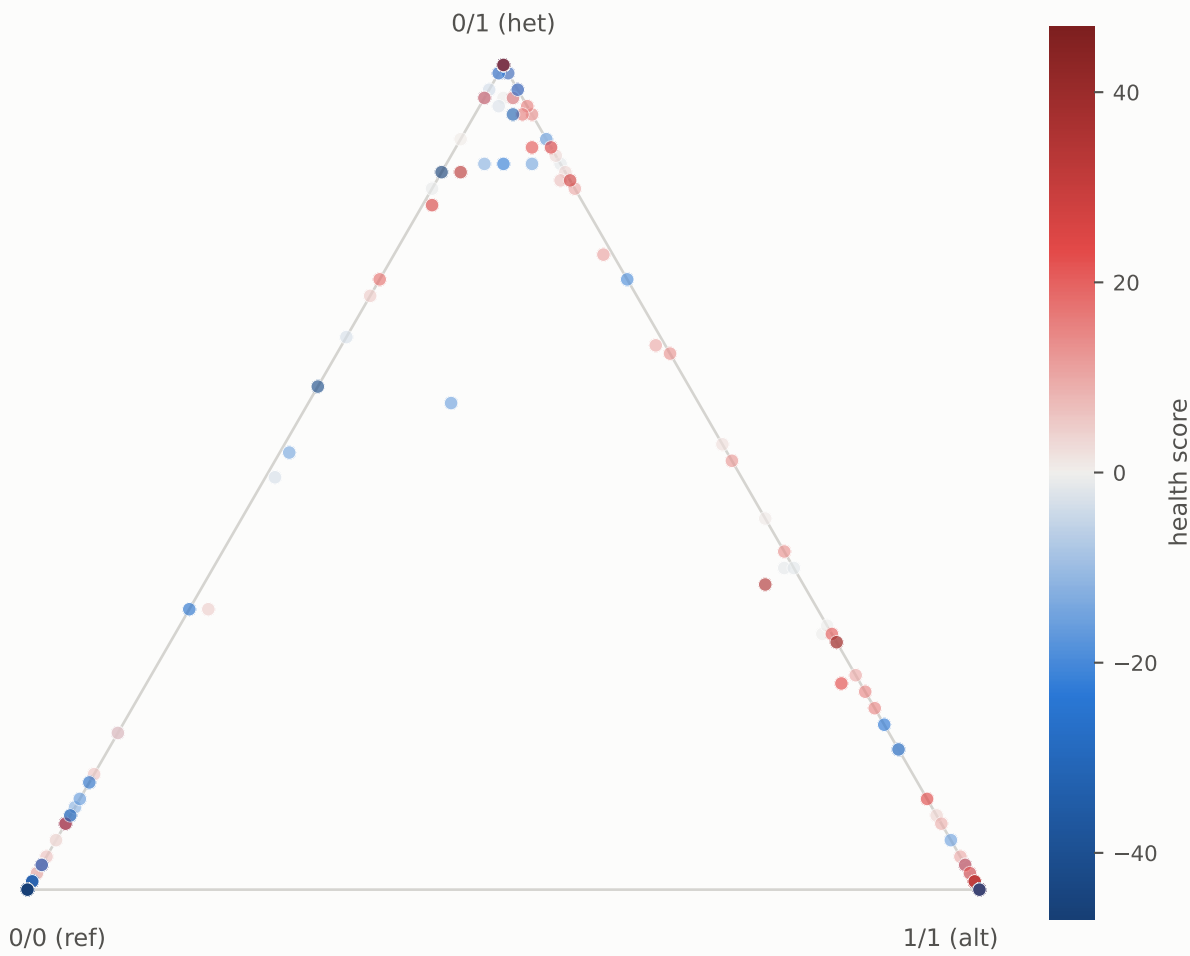
#151 by health association CHR_11:10,771,334 C>T
AF=0.23 DR2=0.96 $r=-0.211$ $\bar{H}=0.055$ F=10.9



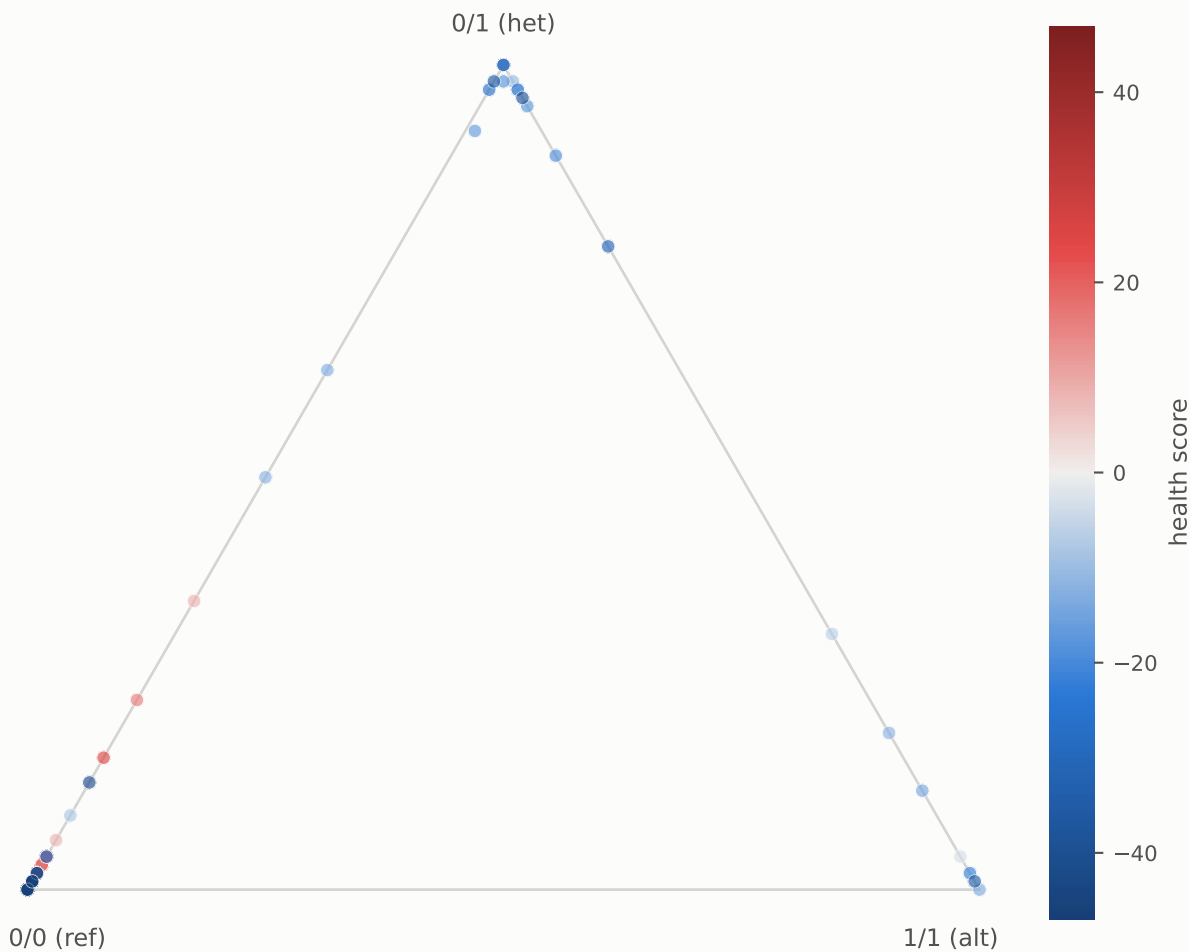
#152 by health association CHR_01:32,247,685 C>T
AF=0.073 DR2=0.92 r=-0.211 H=0.041 F=19.7



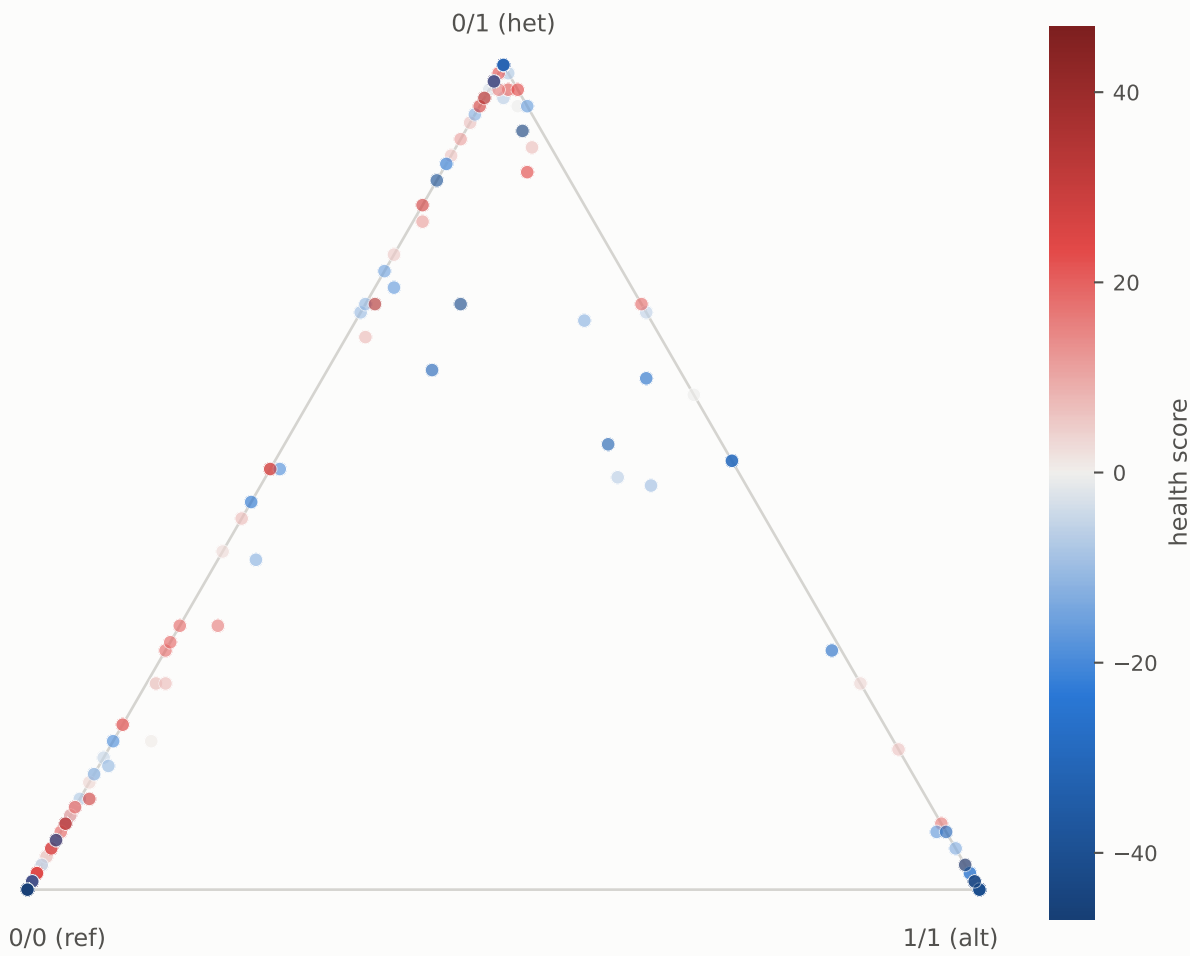
#153 by health association CHR_19:13,732,526 C>T
AF=0.5 DR2=0.95 $r=+0.211$ $\bar{H}=0.090$ $F=10.6$



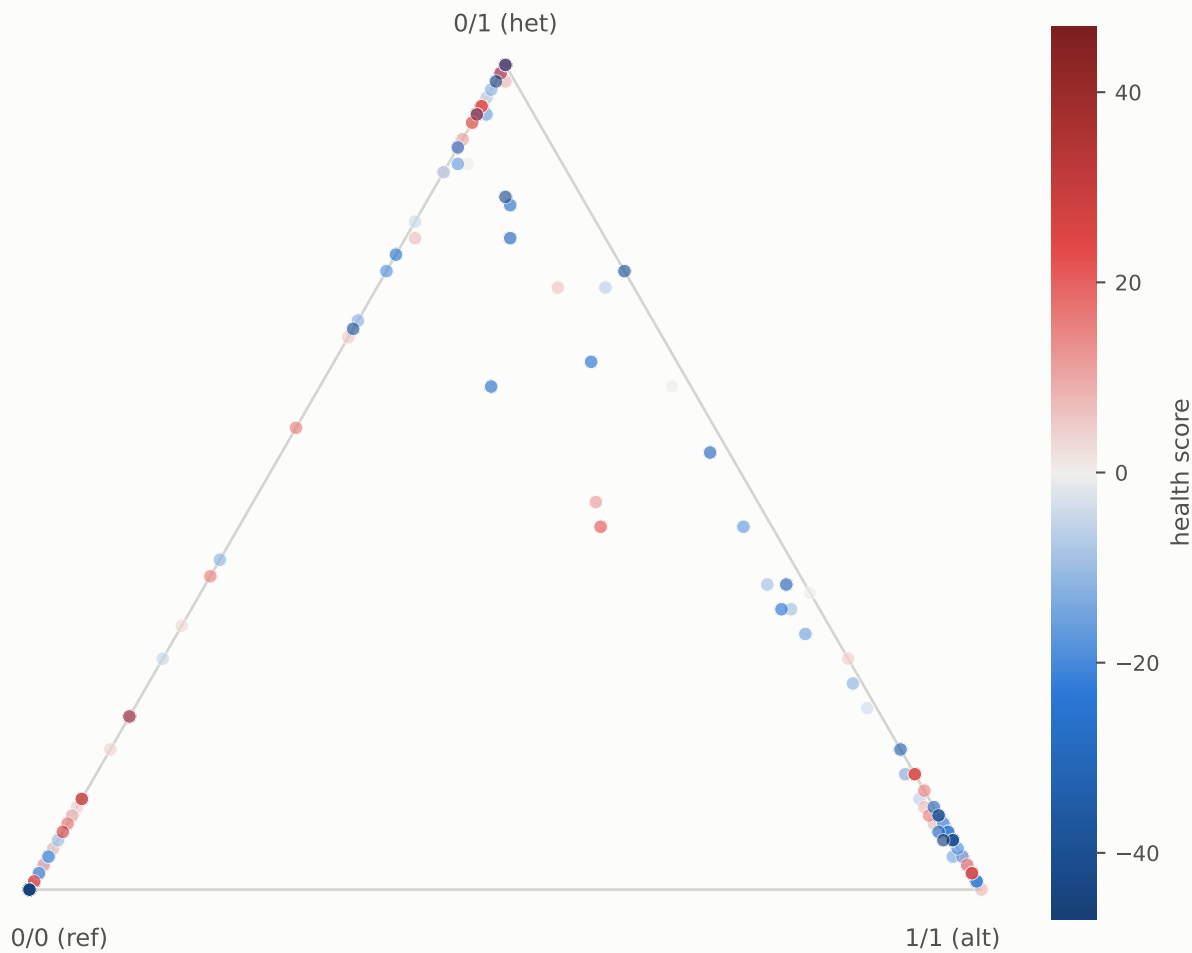
#154 by health association CHR_02:1,857,579 G>T
AF=0.039 DR2=0.93 r=-0.211 H=0.030 F=11.5



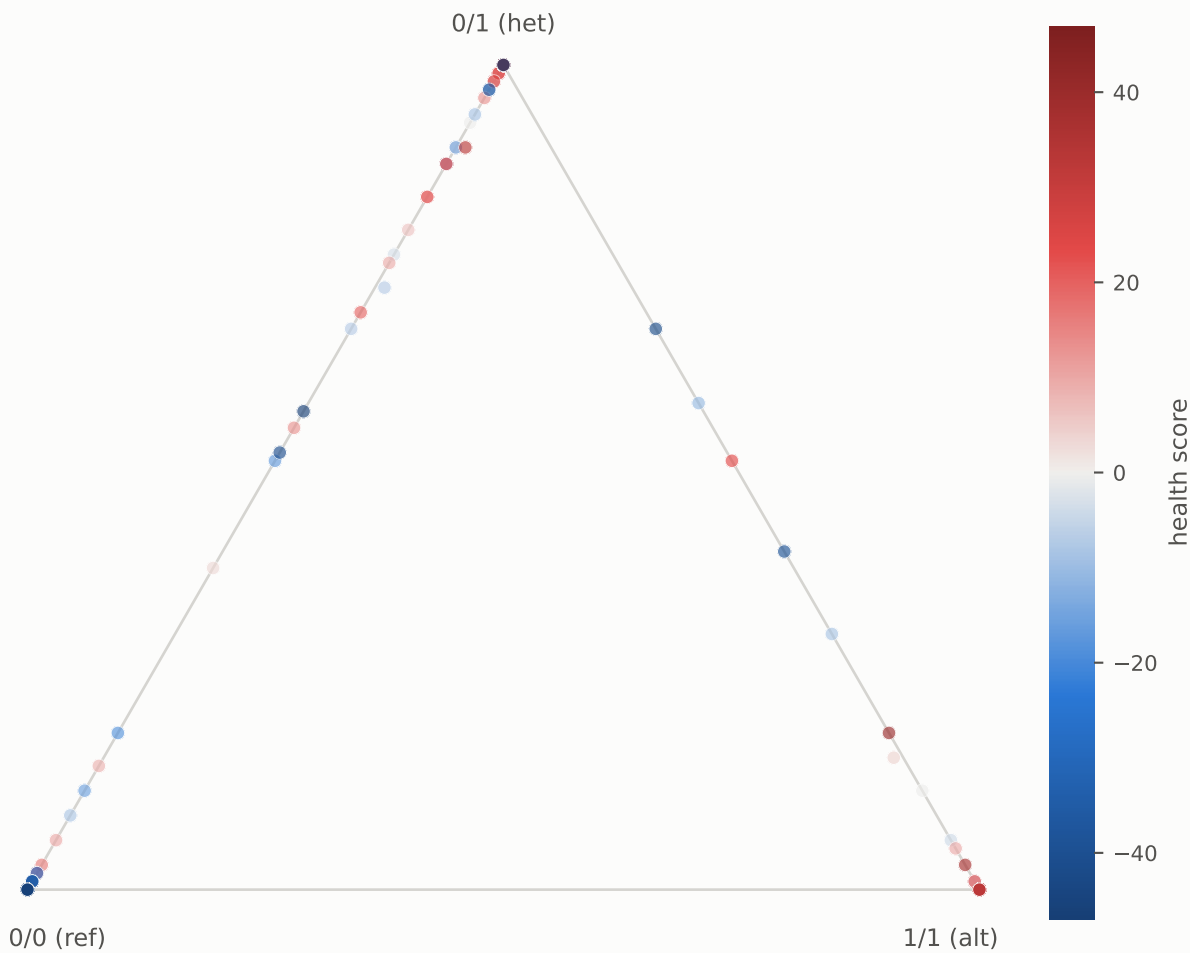
#155 by health association CHR_13:23,004,213 A>T
AF=0.26 DR2=0.93 $r=-0.211$ H=0.104 F=9.9



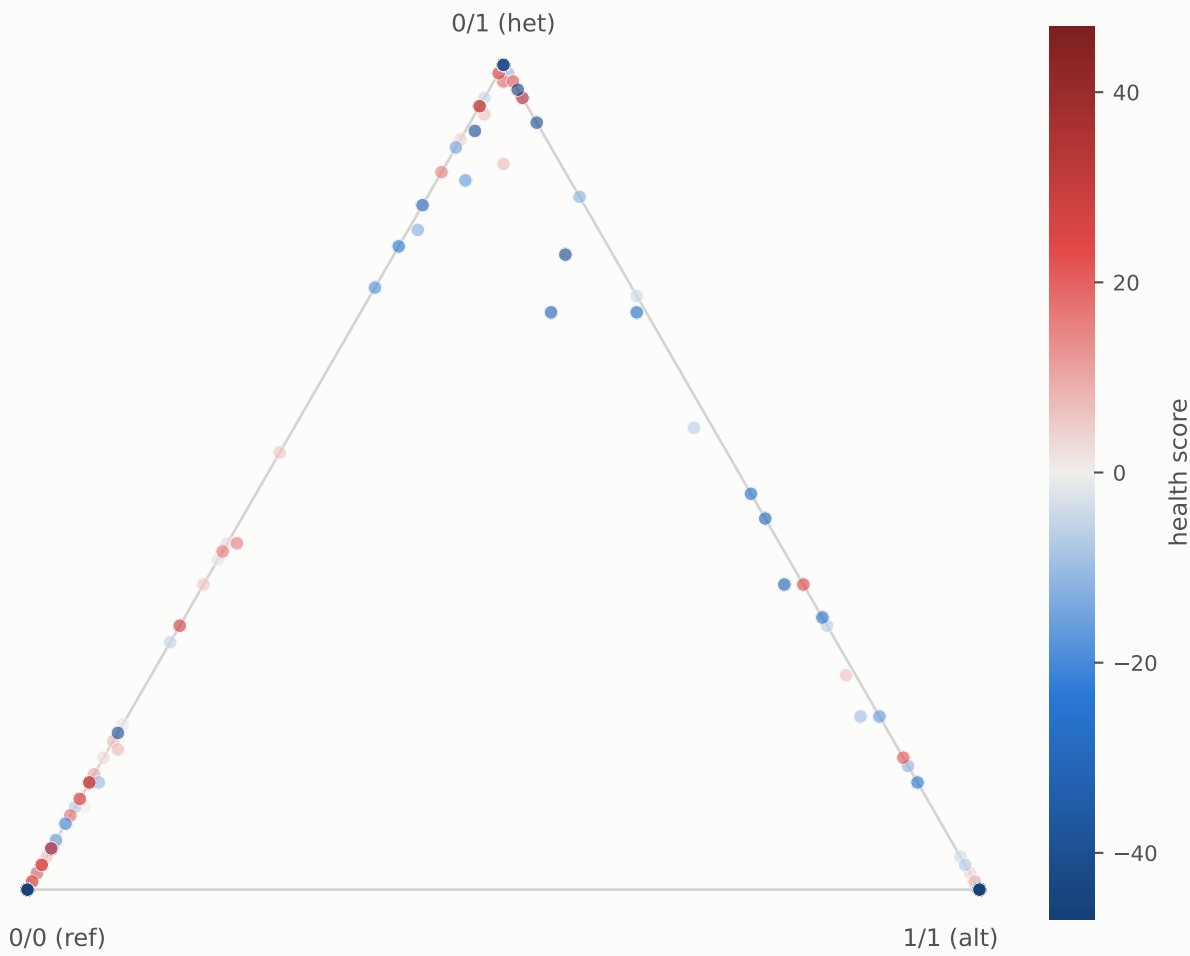
#156 by health association CHR_13:23,002,726 G>A
AF=0.19 DR2=0.92 $r=-0.211$ $H=0.108$ $F=10.8$



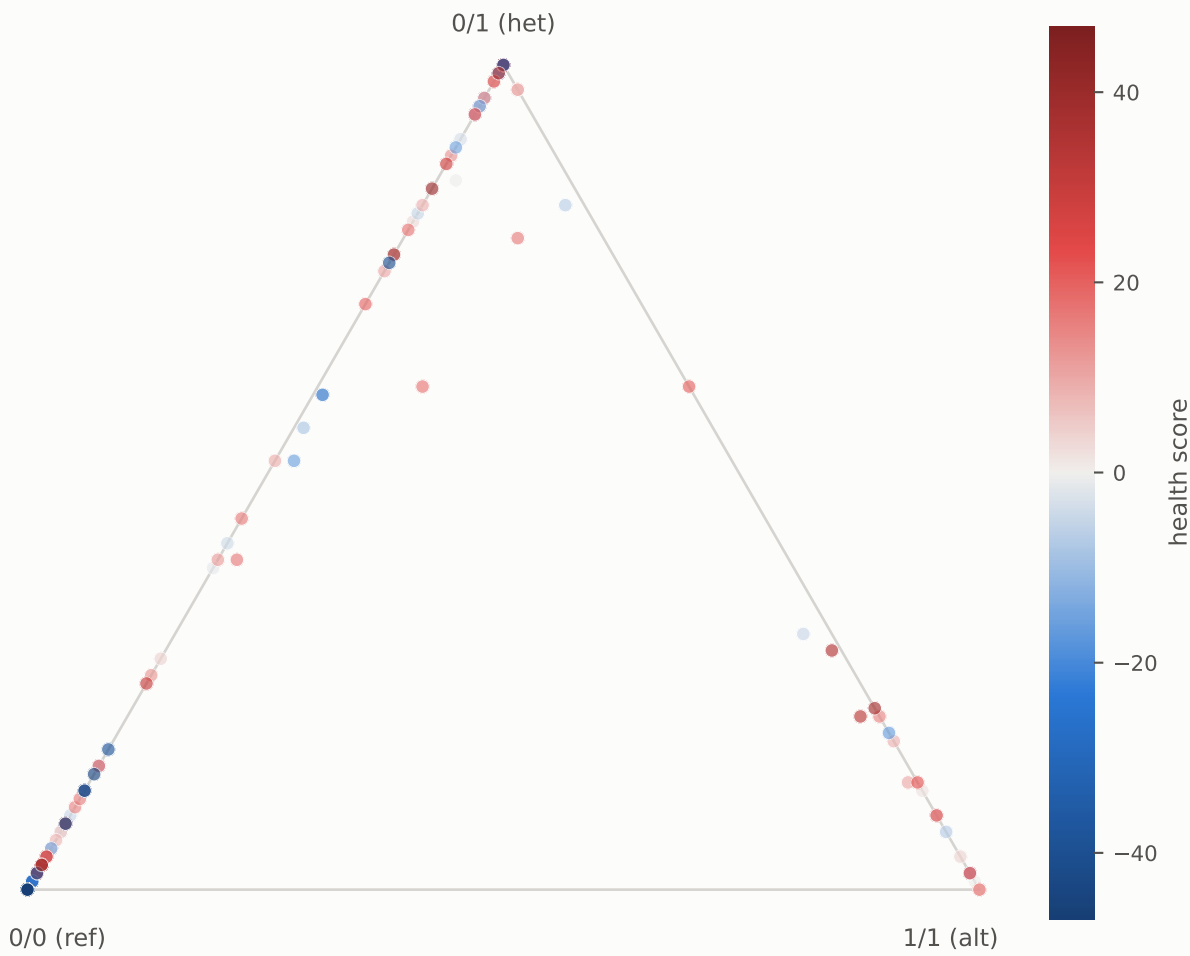
#157 by health association CHR_14:16,984,173 G>A
AF=0.18 DR2=0.96 $r=+0.211$ H=0.043 F=9.8



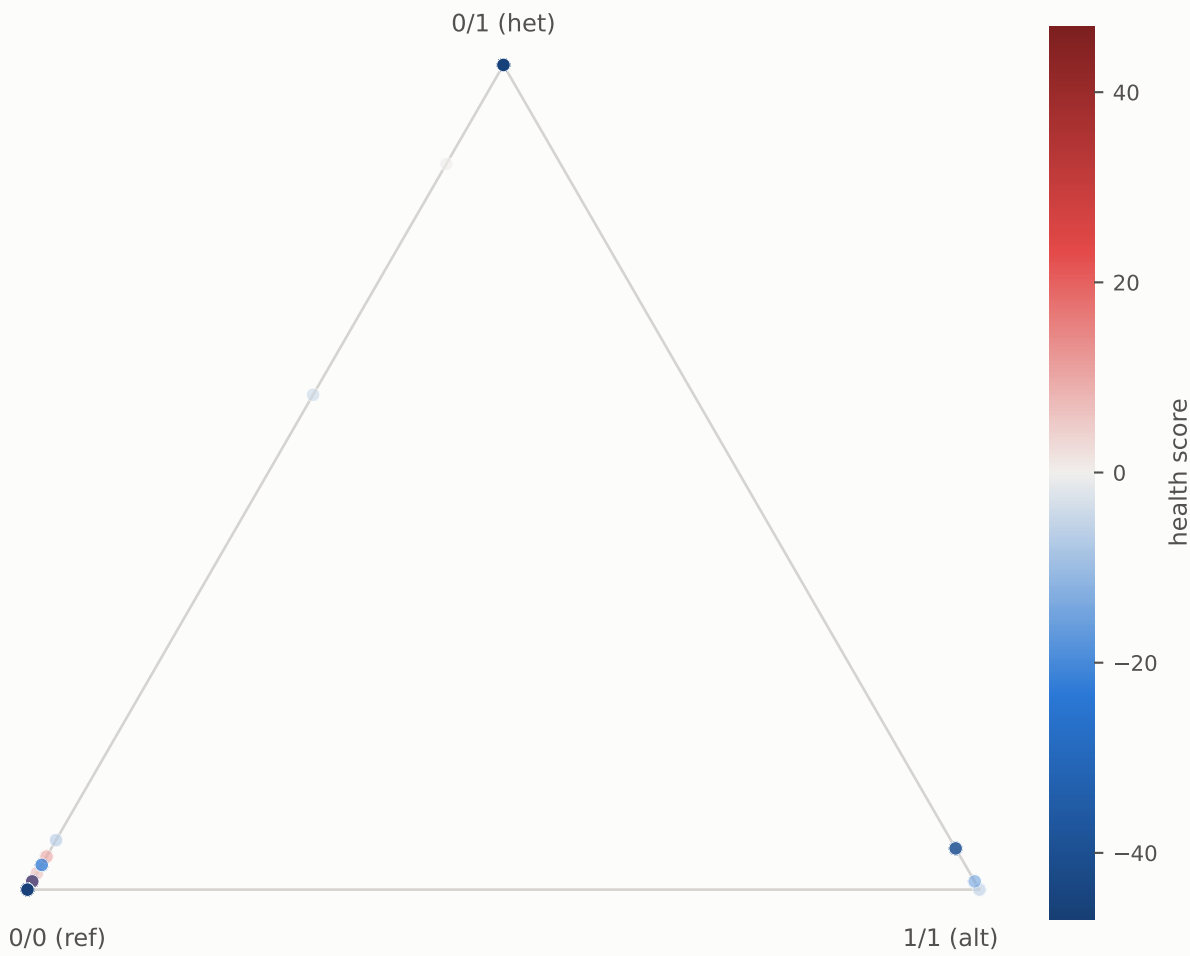
#158 by health association CHR_13:23,003,345 G>A
AF=0.26 DR2=0.95 $r=-0.211$ $H=0.073$ $F=11.0$



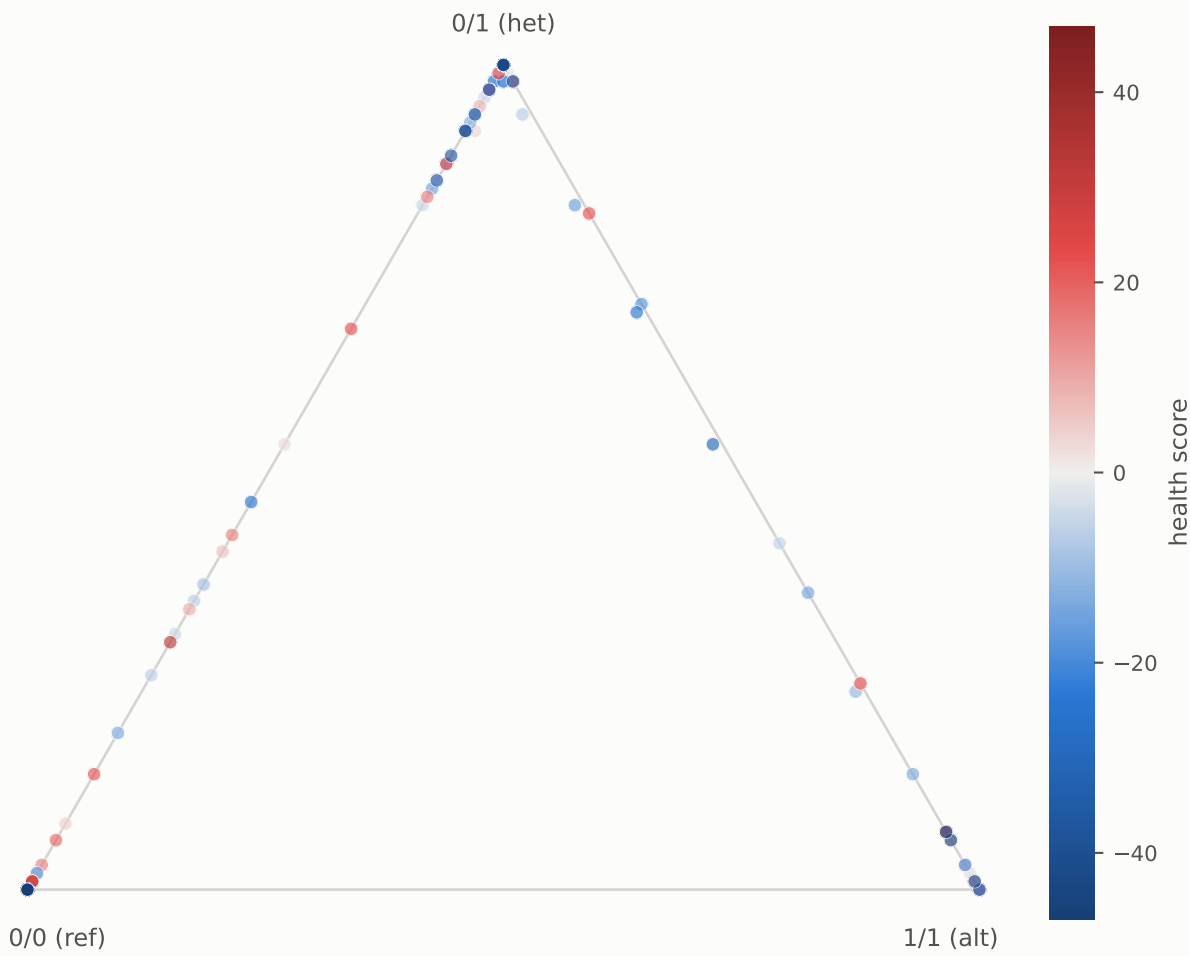
#159 by health association CHR_14:17,022,308 G>A
AF=0.13 DR2=0.89 $r=+0.211$ H=0.080 F=9.7



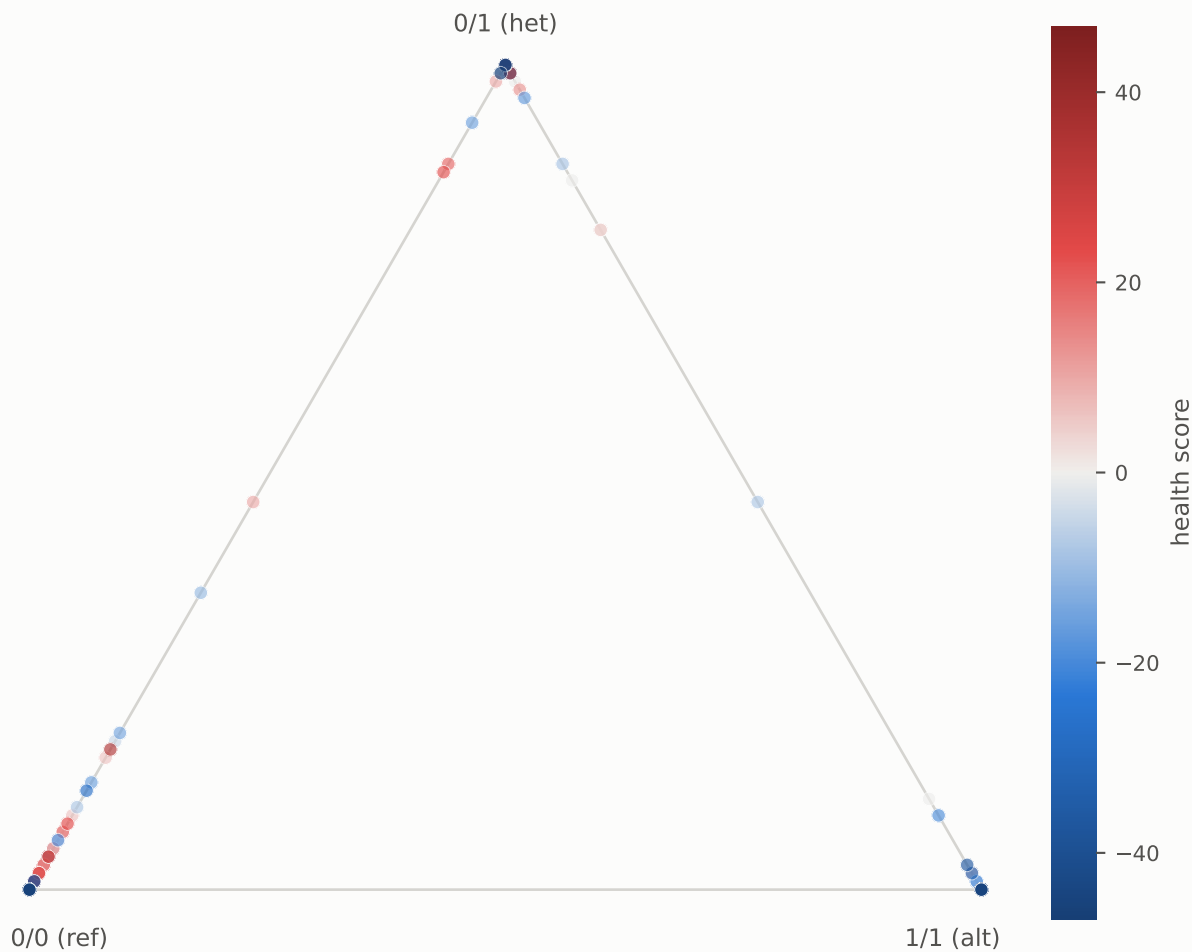
#160 by health association CHR_16:20,556,328 C>T
AF=0.056 DR2=0.98 r=-0.211 H=0.006 F=10.3



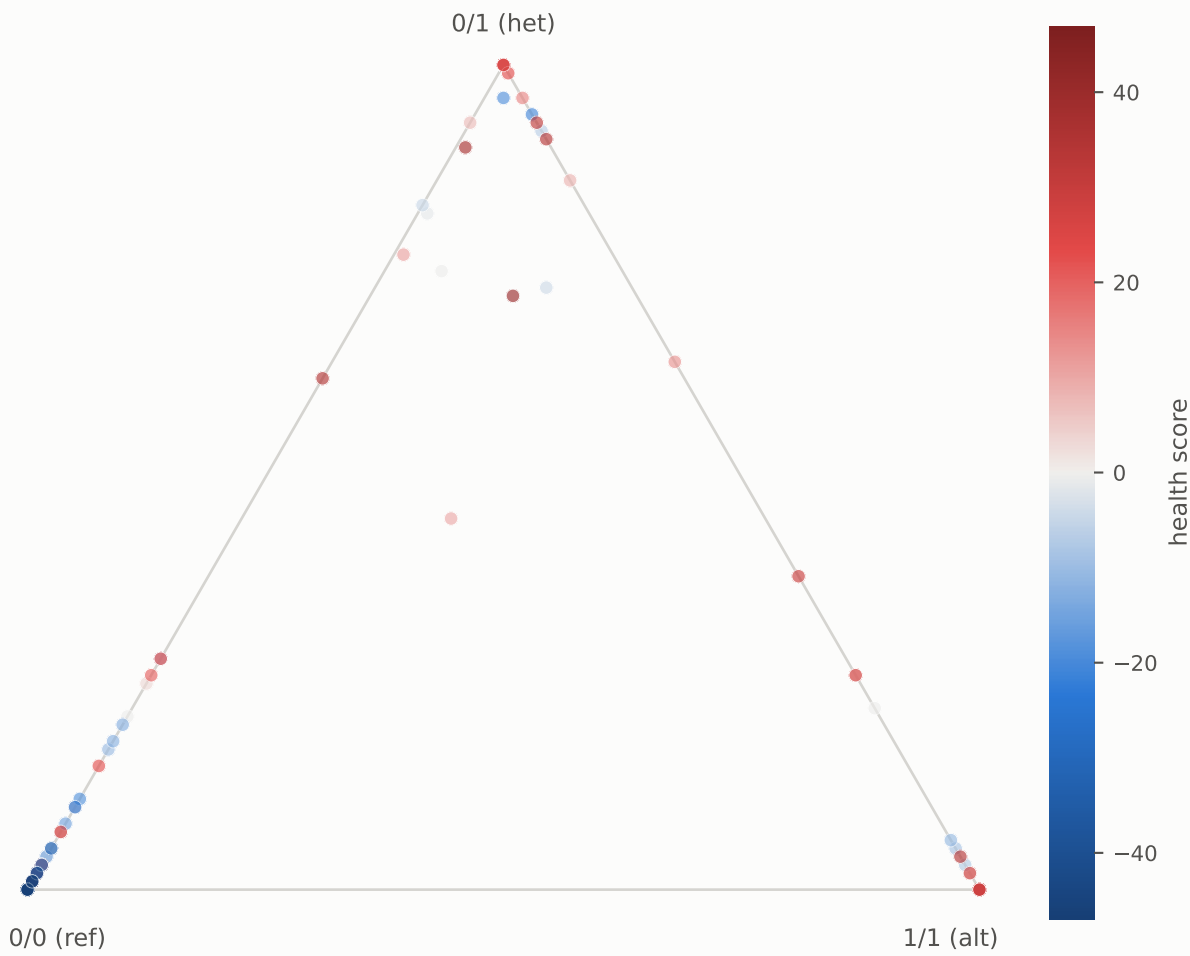
#161 by health association CHR_19:5,123,628 T>C
AF=0.15 DR2=0.93 $r=-0.210$ $\bar{H}=0.055$ $F=11.8$



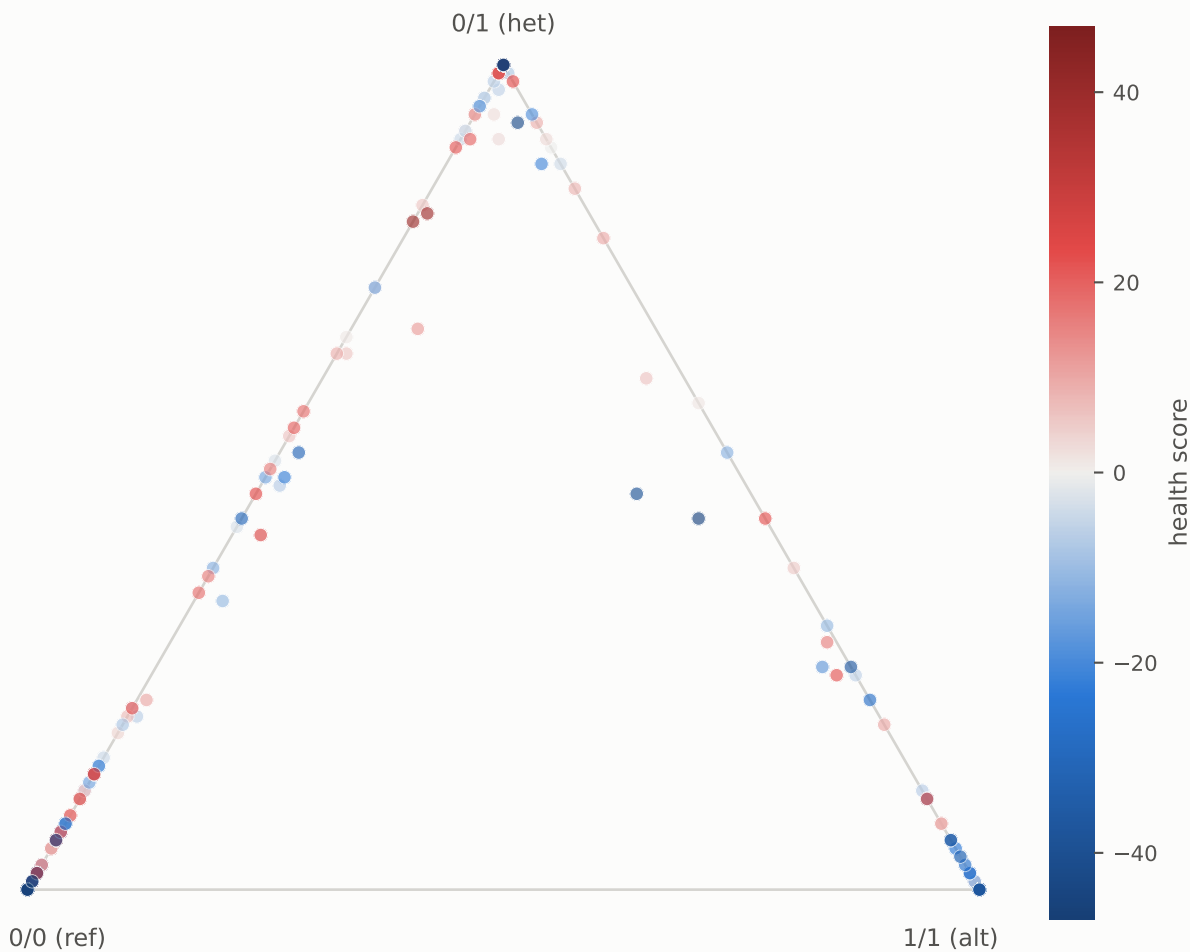
#162 by health association CHR_11:10,770,814 G>A
AF=0.22 DR2=0.98 r=-0.210 H=0.032 F=12.3



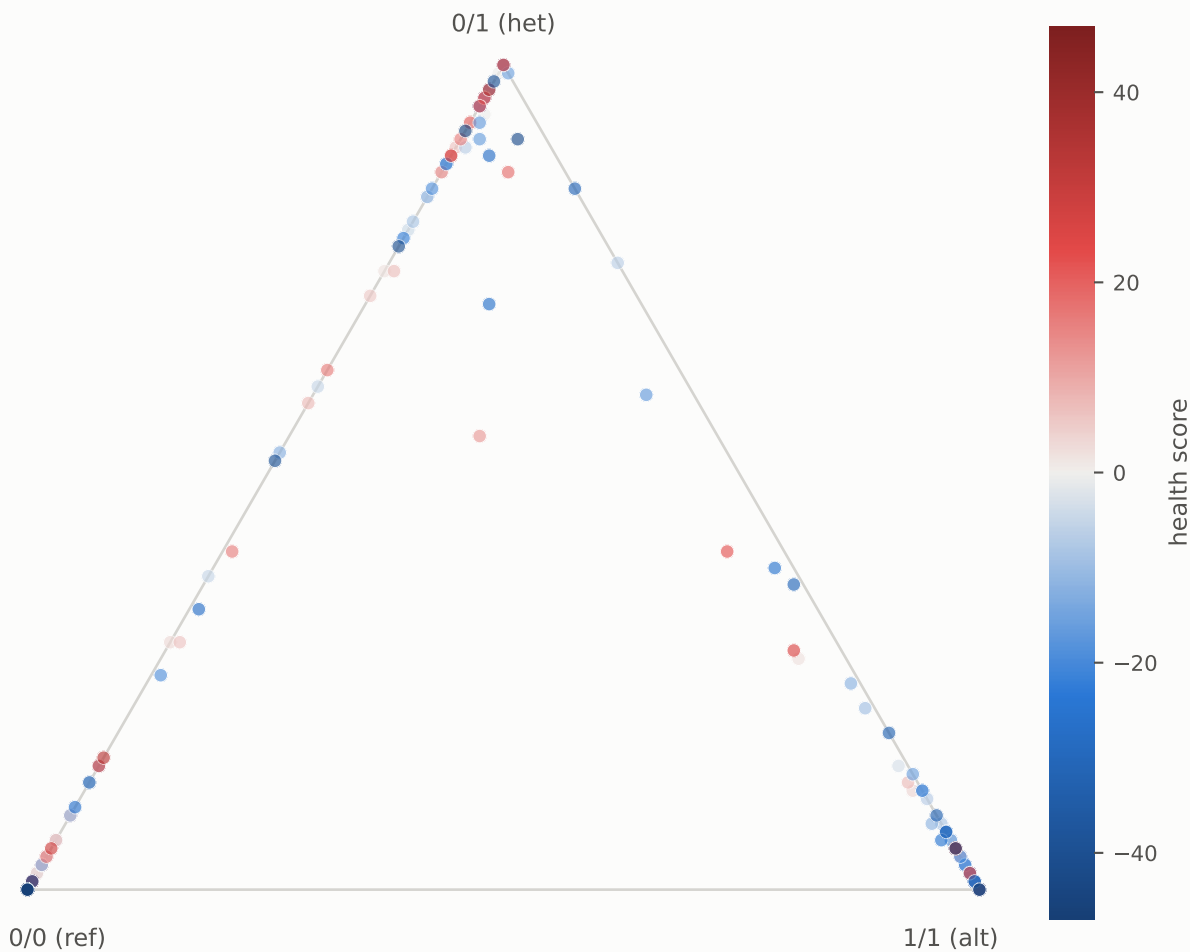
#163 by health association CHR_14:16,982,665 G>C
AF=0.089 DR2=0.93 r=+0.210 H=0.051 F=10.5



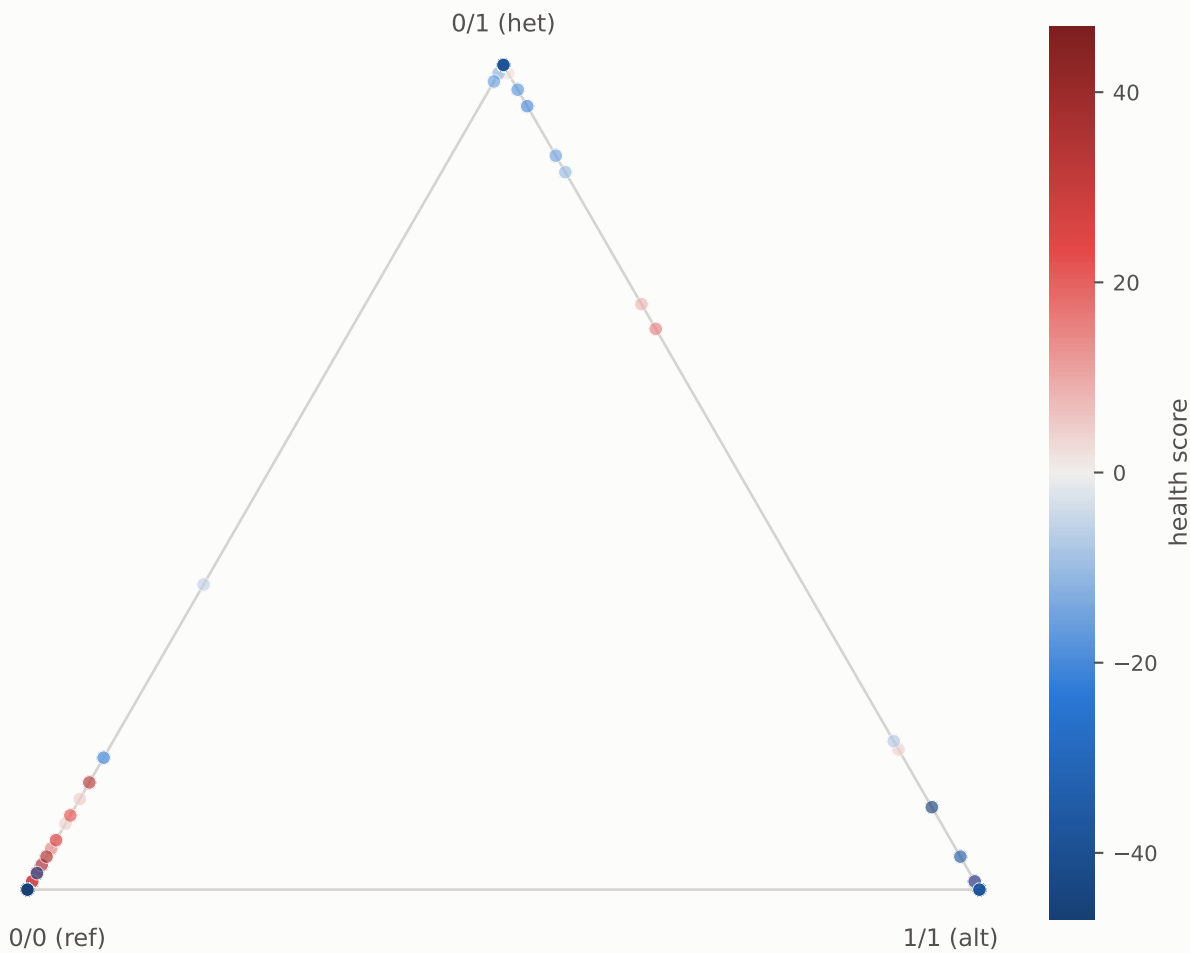
#164 by health association CHR_15:17,932,741 G>A
AF=0.29 DR2=0.91 $r=-0.210$ $H=0.122$ $F=10.5$



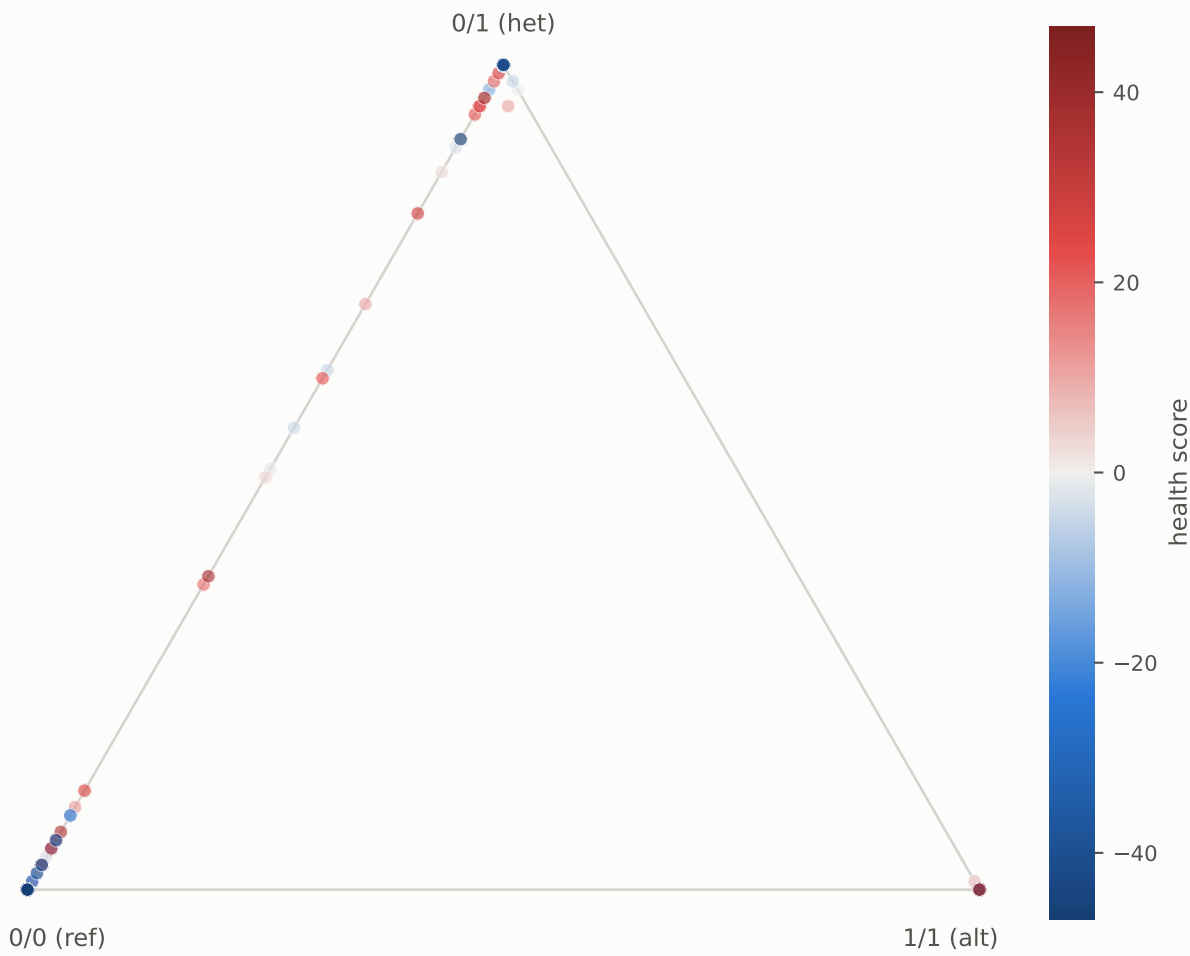
#165 by health association CHR_13:23,002,141 T>C
AF=0.18 DR2=0.93 $r=-0.210$ $\bar{H}=0.098$ $F=10.3$



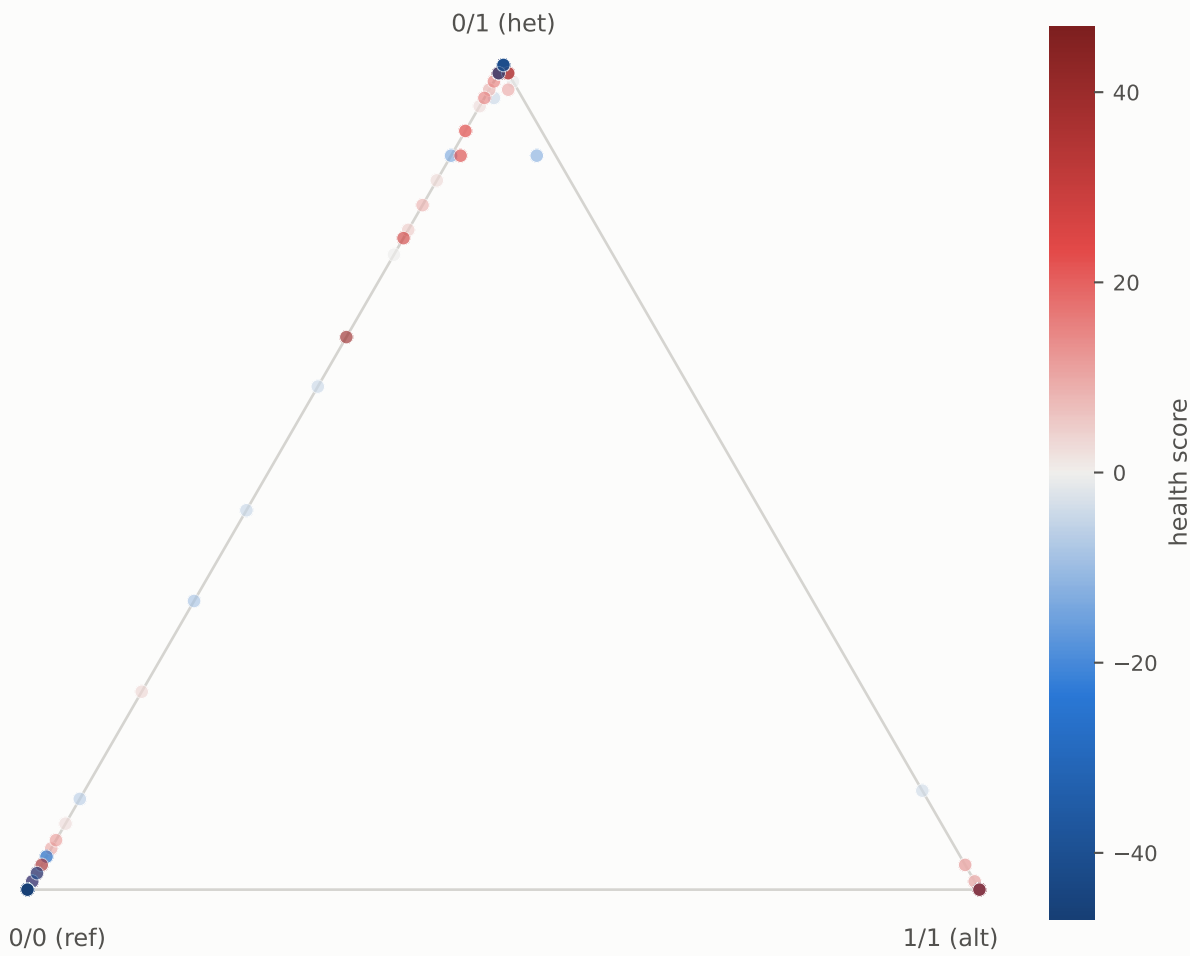
#166 by health association CHR_23:2,453,012 C>T
AF=0.1 DR2=0.97 $r=-0.210$ $\bar{H}=0.024$ F=10.8



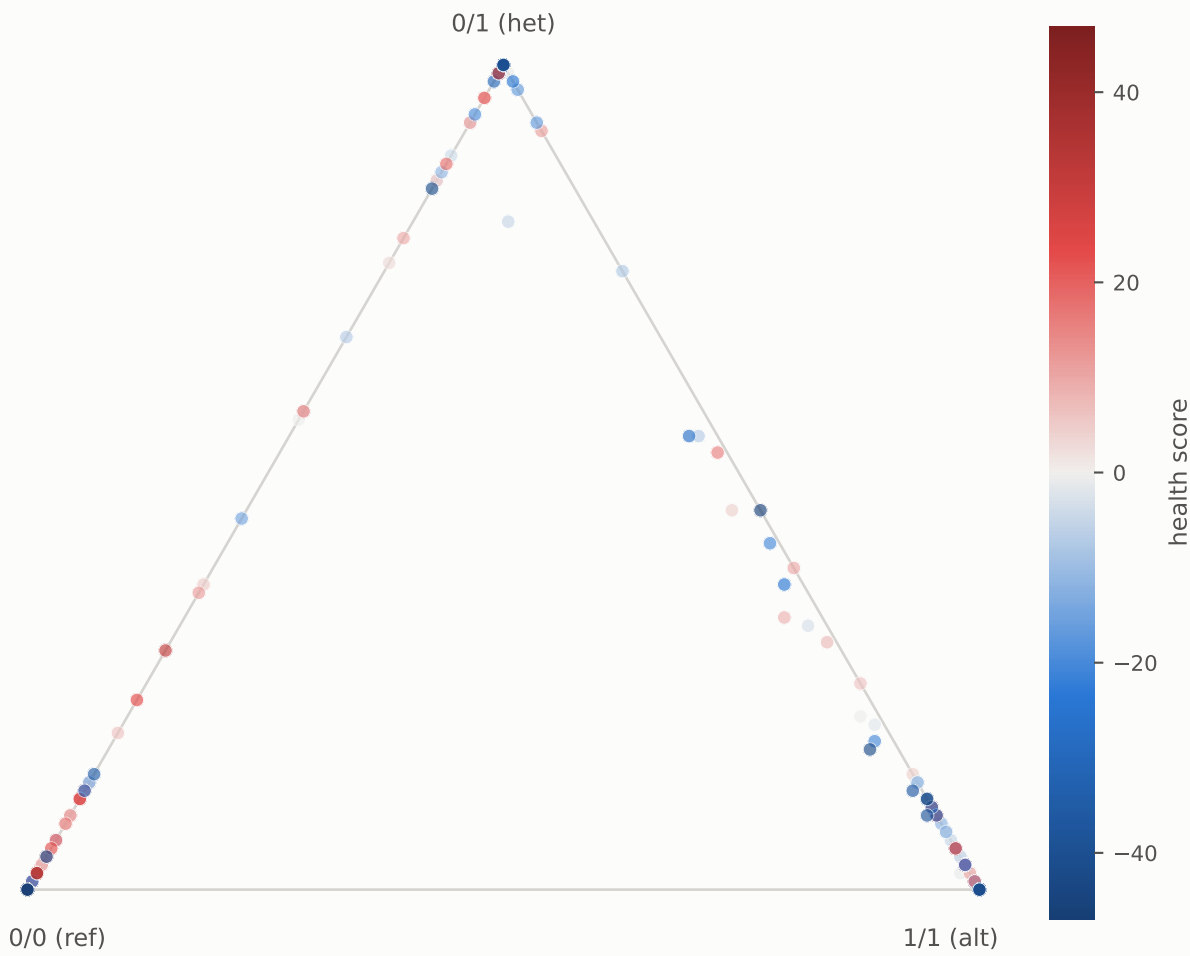
#167 by health association CHR_01:42,448,471 T>C
AF=0.23 DR2=0.97 r=+0.210 H=0.031 F=10.2



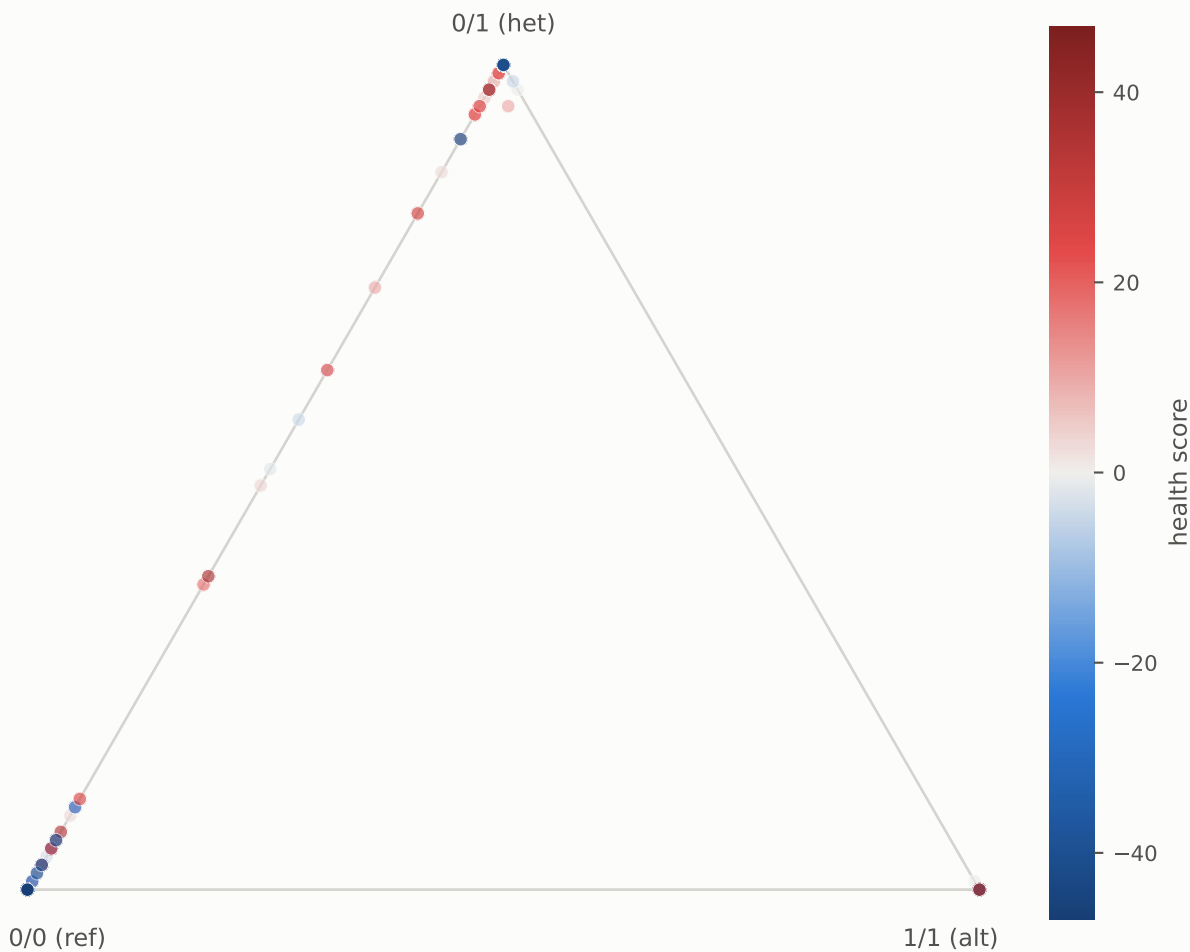
#168 by health association CHR_01:42,448,177 C>T
AF=0.24 DR2=0.97 r=+0.210 H=0.027 F=11.3



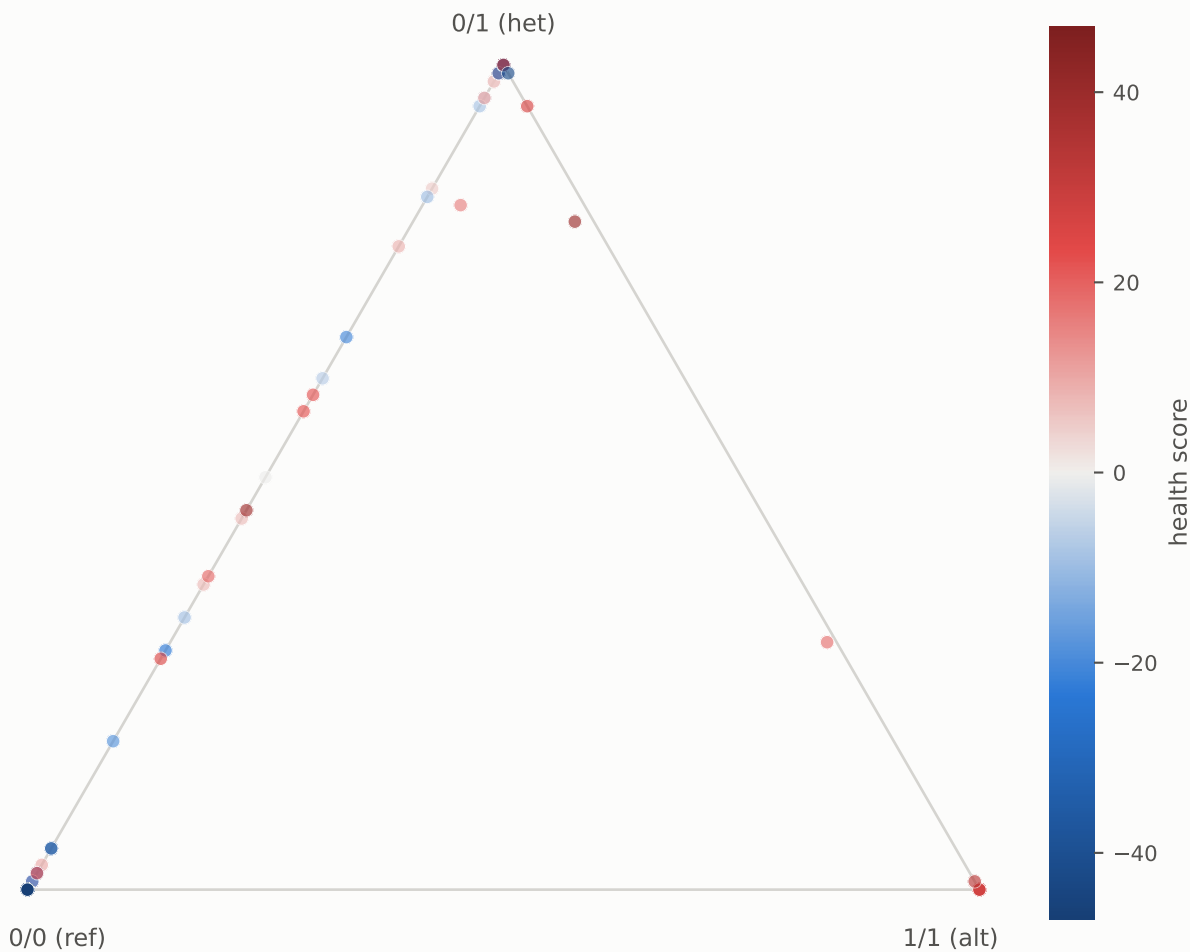
#169 by health association CHR_13:12,971,375 T>C
AF=0.26 DR2=0.95 $r=-0.210$ $H=0.088$ $F=11.1$



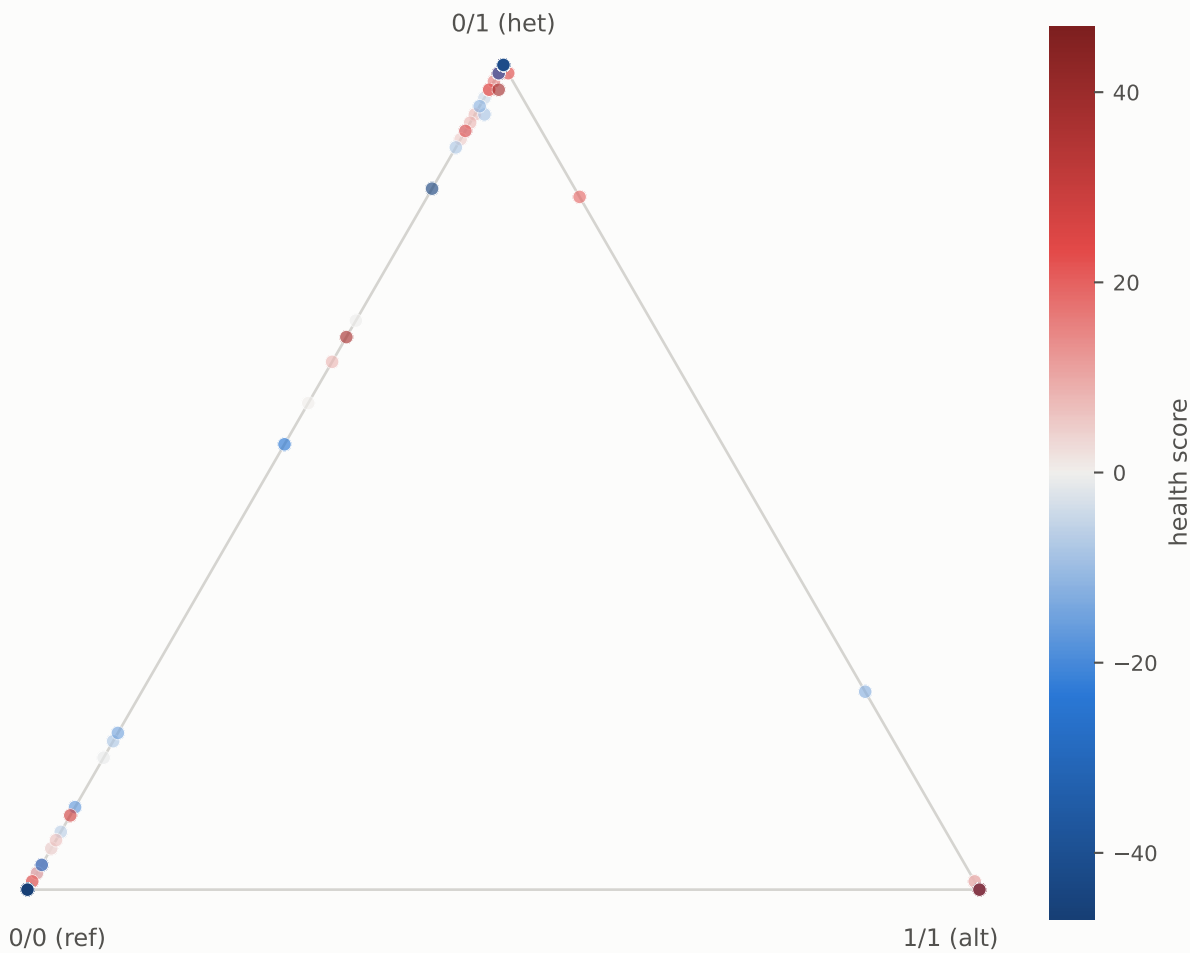
#170 by health association CHR_01:42,448,448 G>A
AF=0.23 DR2=0.97 r=+0.210 H=0.031 F=10.2



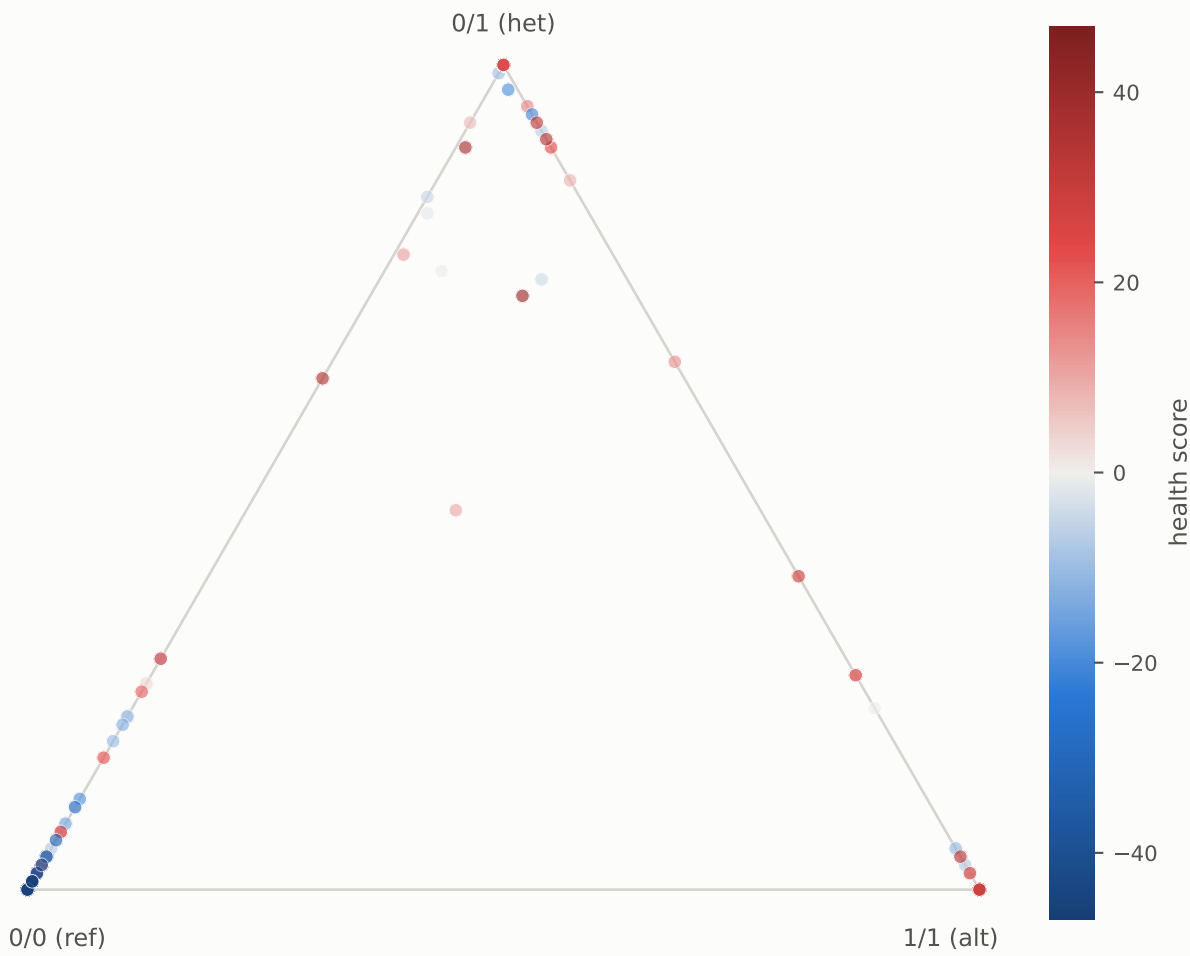
#171 by health association CHR_01:15,217,591 C>T
AF=0.095 DR2=0.94 $r=+0.210$ H=0.031 F=10.3



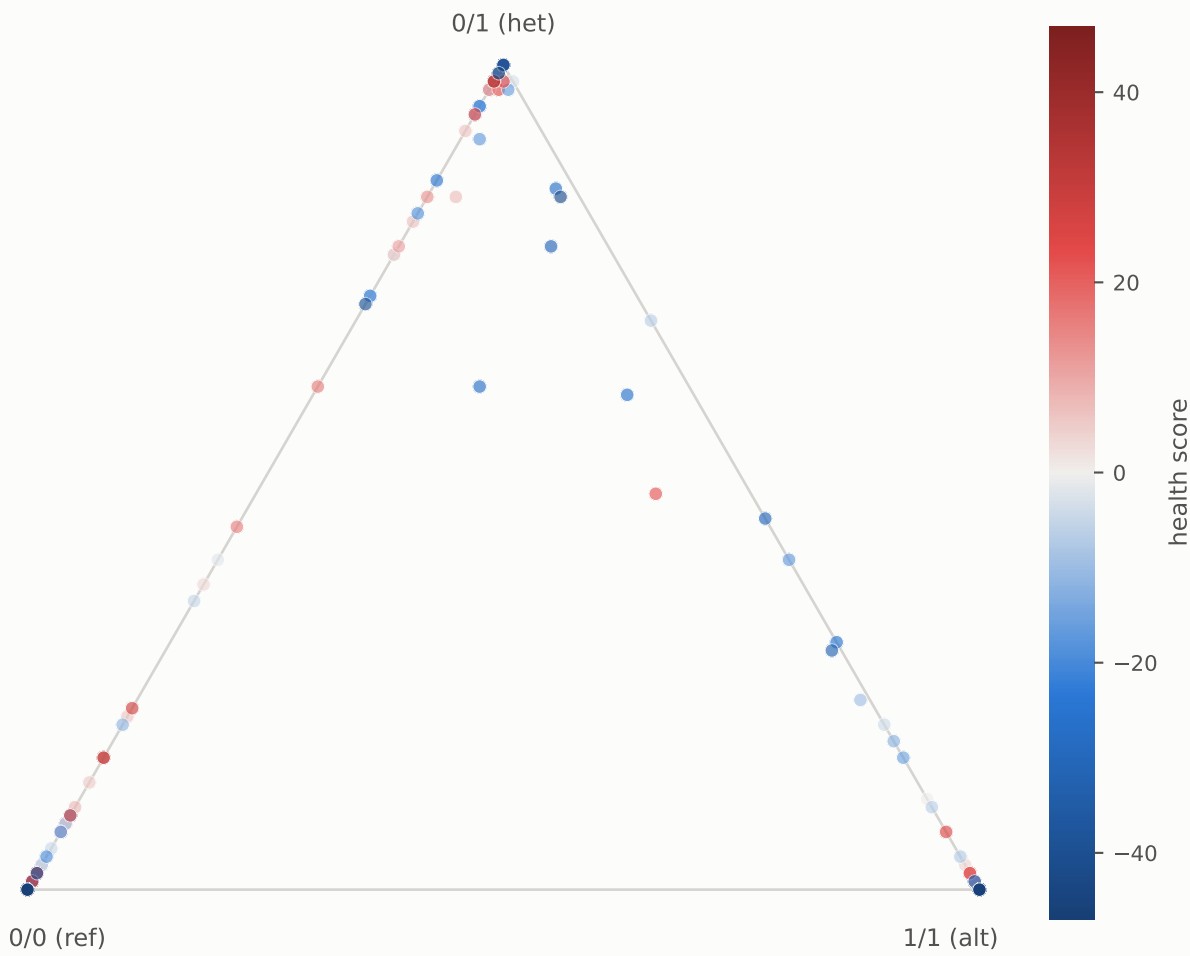
#172 by health association CHR_01:42,447,765 C>G
AF=0.23 DR2=0.97 r=+0.210 H=0.026 F=10.8



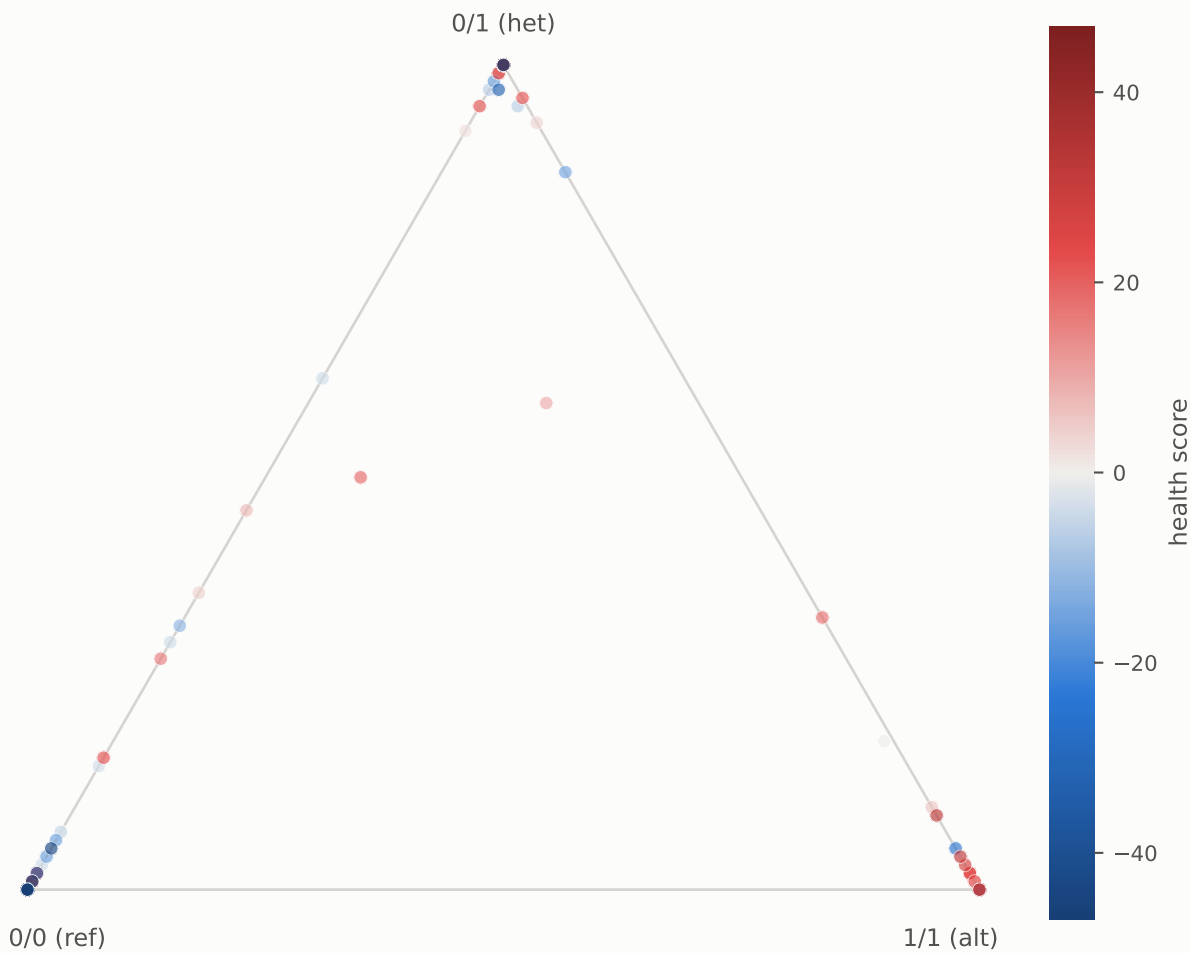
#173 by health association CHR_14:16,982,634 A>G
AF=0.09 DR2=0.93 r=+0.210 H=0.054 F=10.5



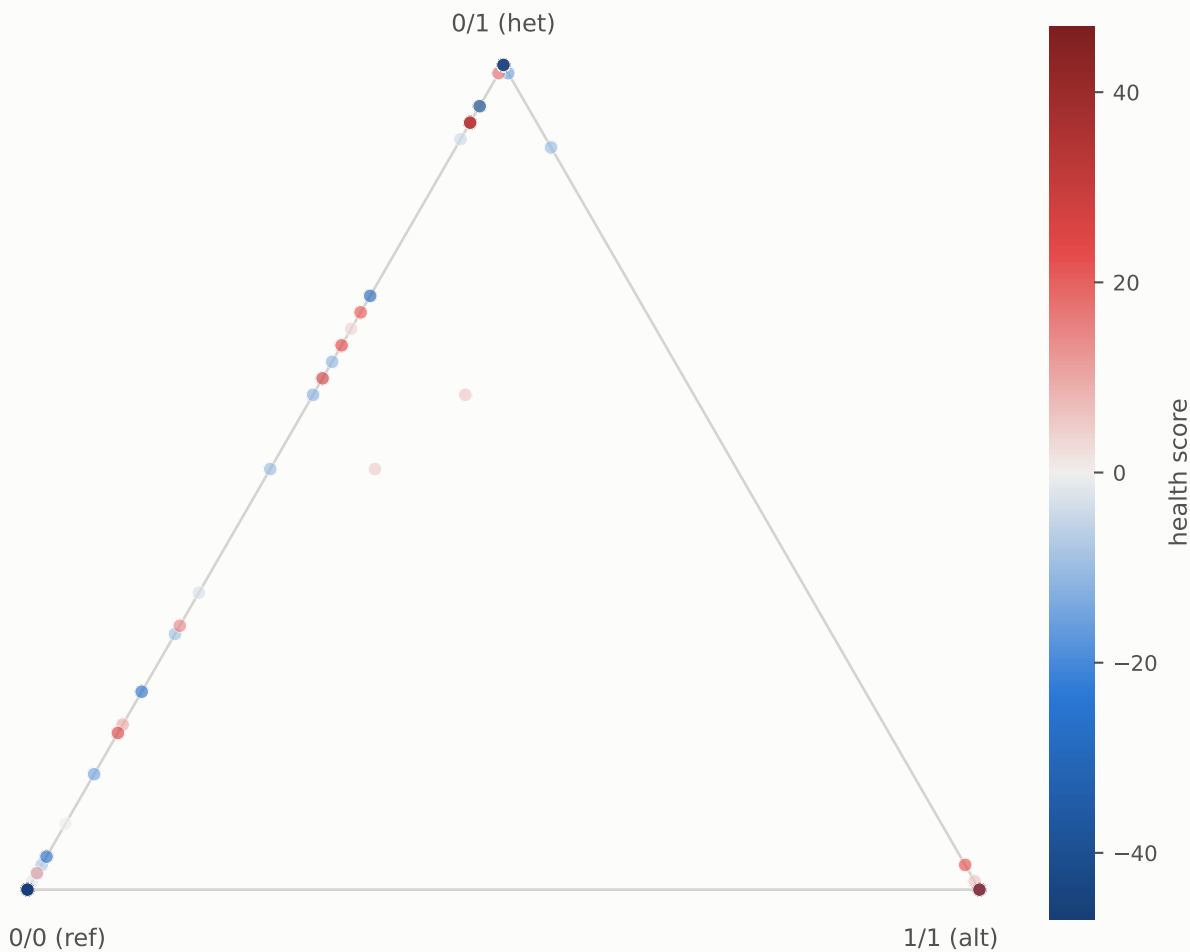
#174 by health association CHR_13:23,002,625 A>G
AF=0.23 DR2=0.95 $r=-0.210$ $H=0.072$ $F=11.0$



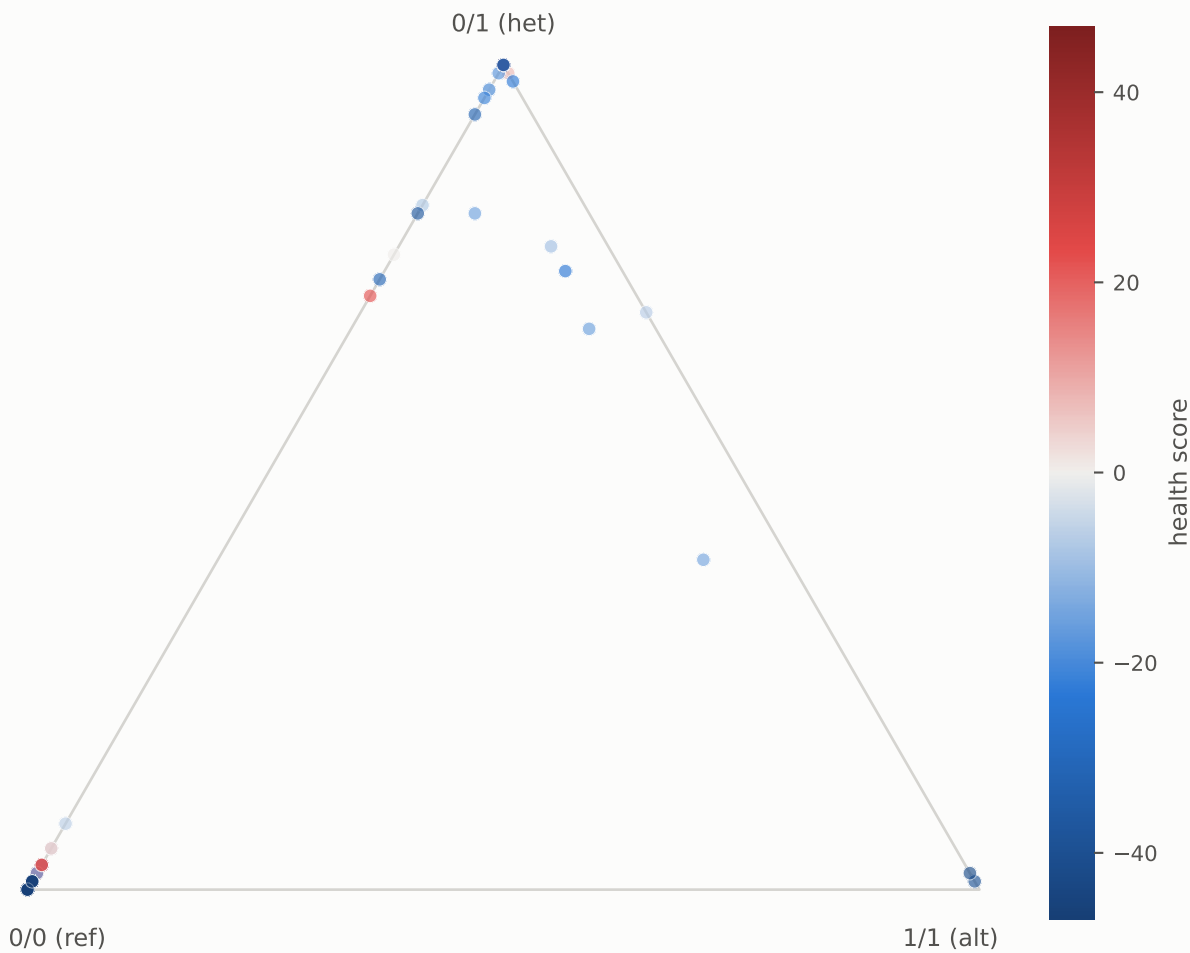
#175 by health association CHR_14:17,029,188 G>A
AF=0.15 DR2=0.96 r=+0.210 H=0.032 F=10.4



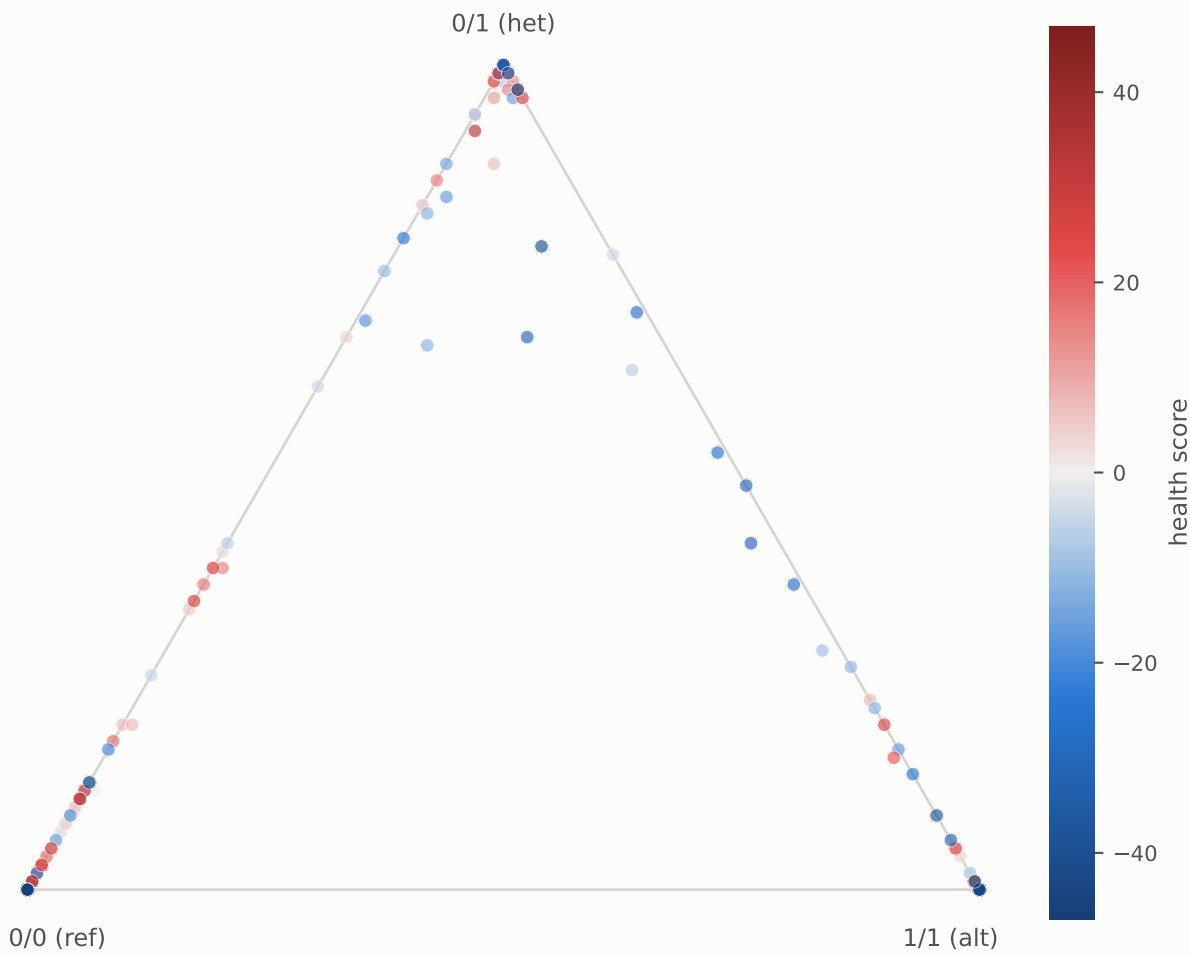
#176 by health association CHR_01:42,424,164 T>A
AF=0.23 DR2=0.97 r=+0.210 H=0.031 F=10.5



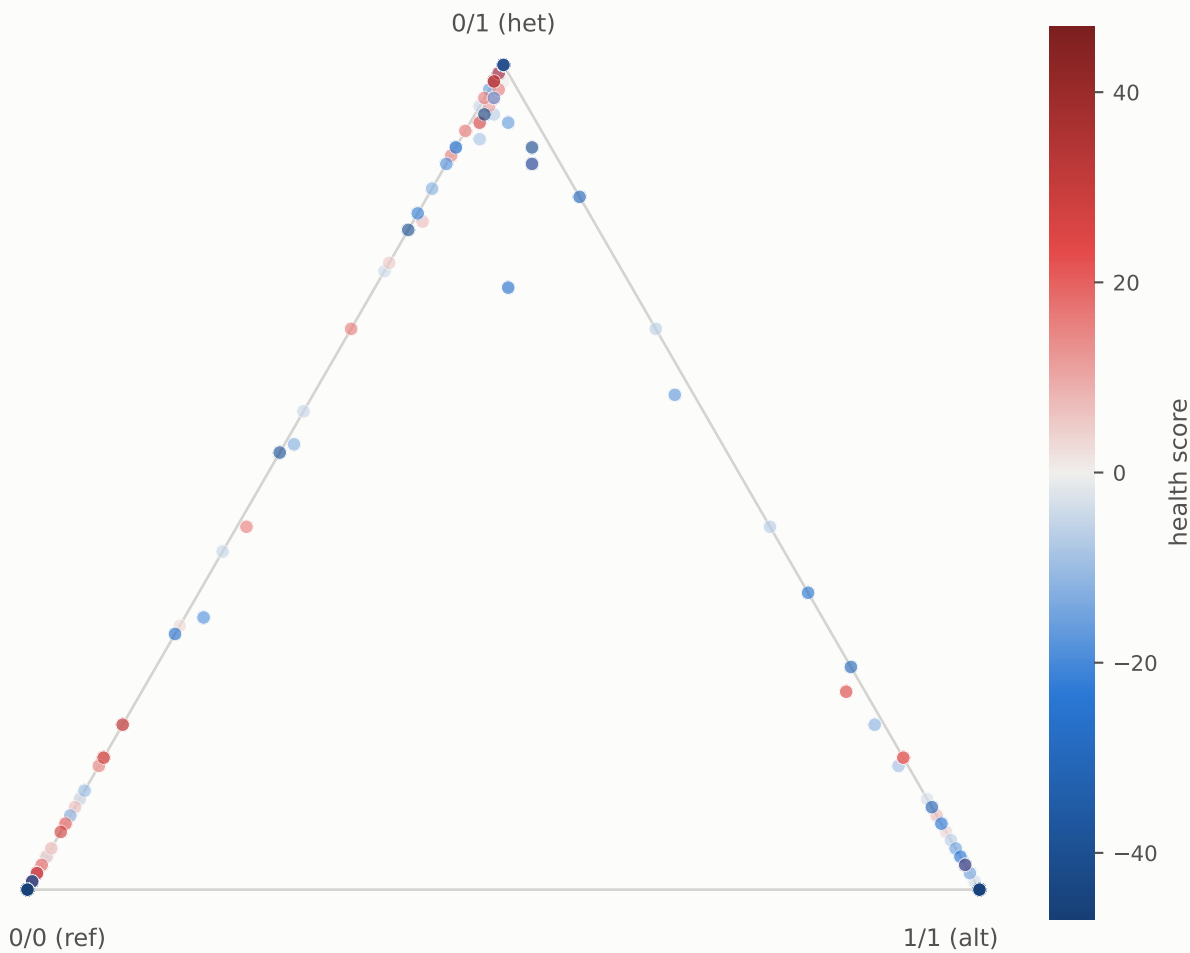
#177 by health association CHR_16:503,891 C>T
AF=0.032 DR2=0.89 $r=-0.210$ $\bar{H}=0.029$ F=10.7



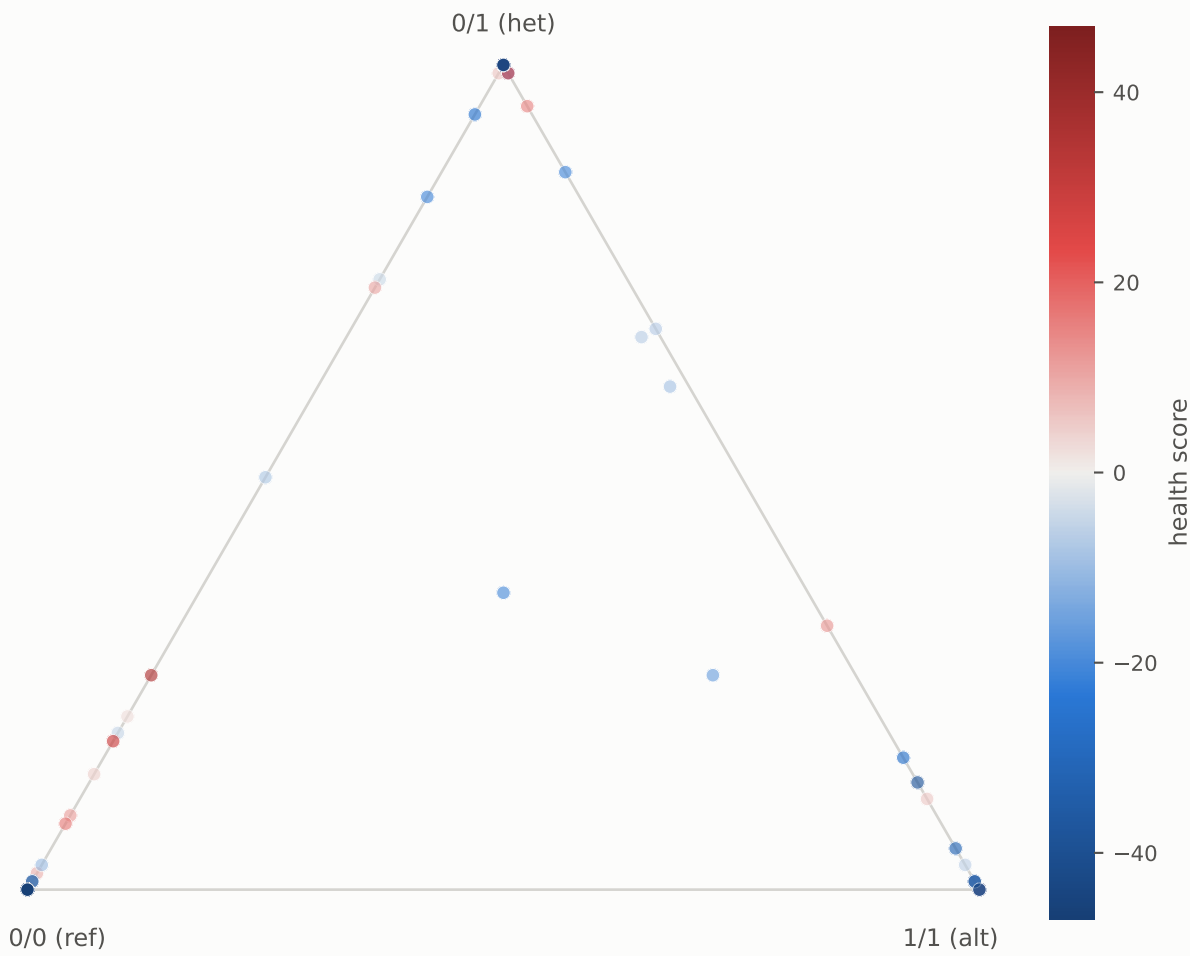
#178 by health association CHR_13:23,003,662 G>A
AF=0.24 DR2=0.94 $r=-0.210$ $H=0.088$ $F=11.0$



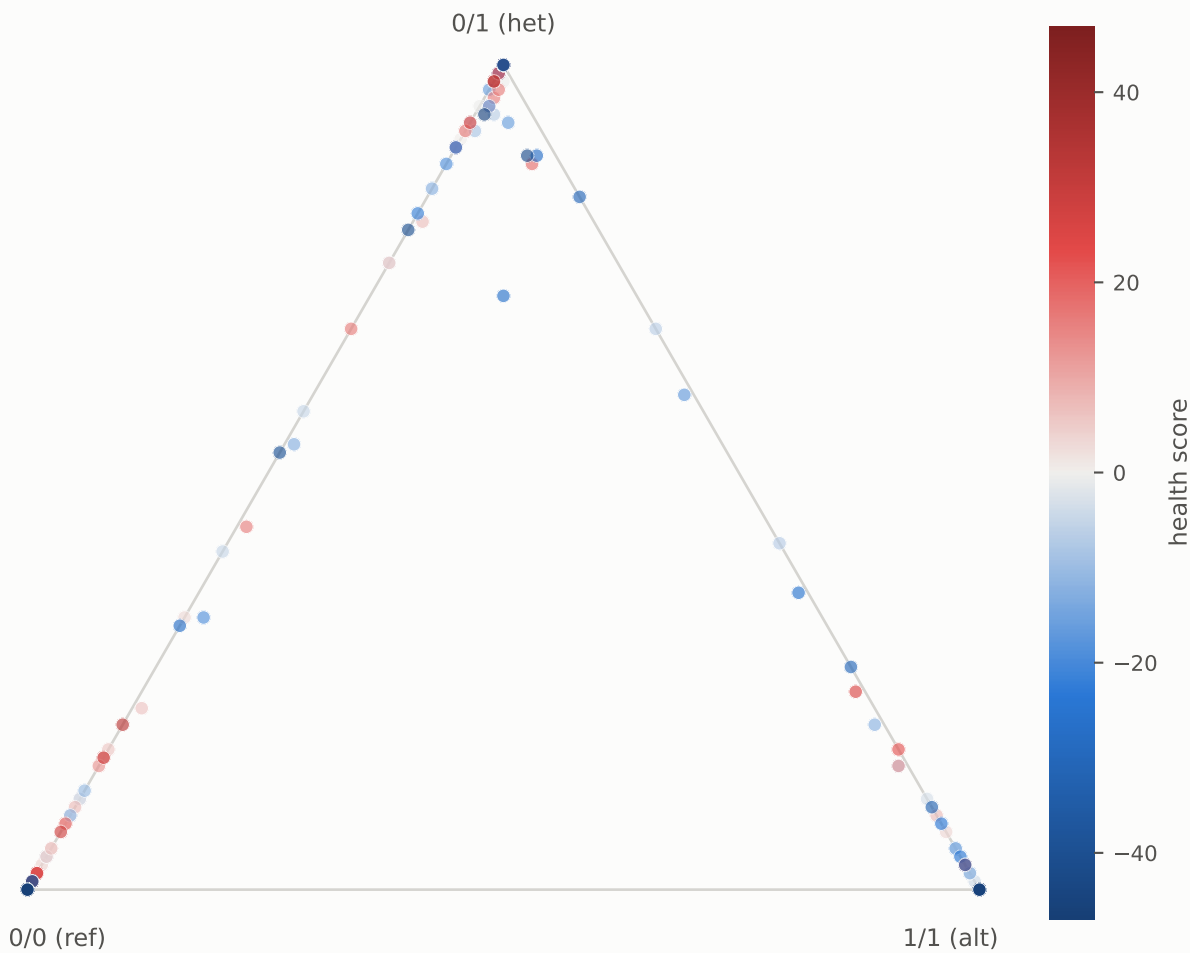
#179 by health association CHR_13:23,002,061 G>A
AF=0.21 DR2=0.95 $r=-0.210$ $H=0.076$ $F=10.7$



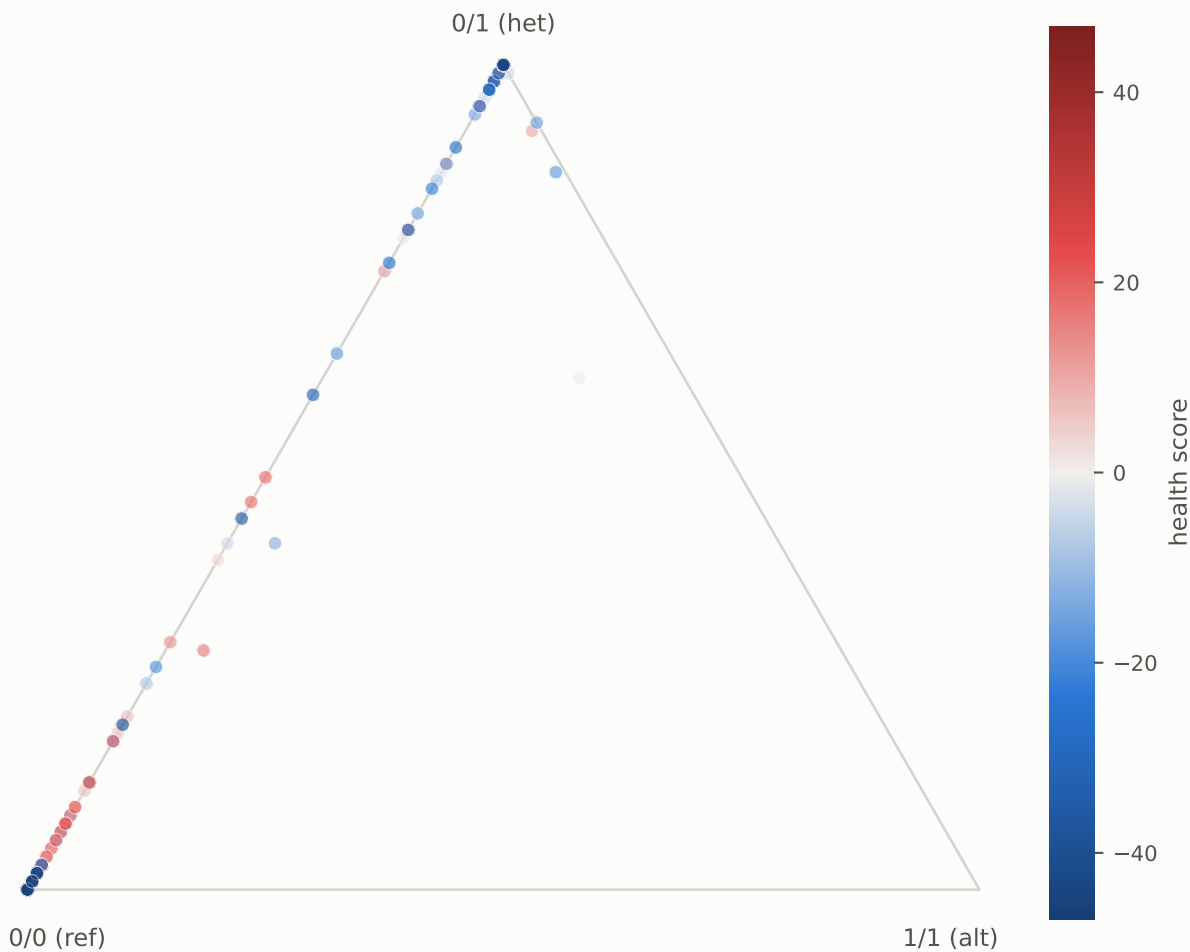
#180 by health association CHR_06:25,742,315 G>A
AF=0.061 DR2=0.94 $r=-0.210$ H=0.029 F=10.5



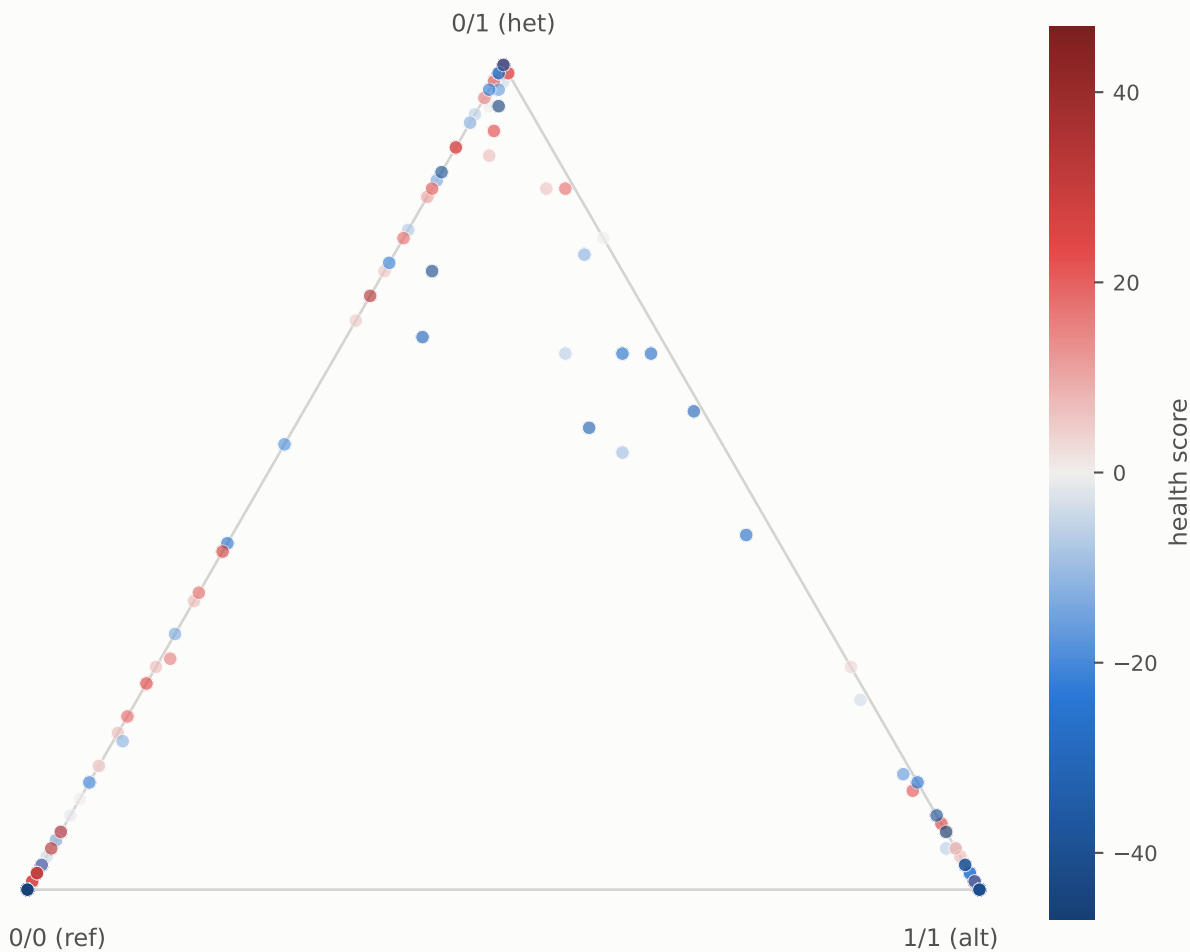
#181 by health association CHR_13:23,002,073 G>A
AF=0.22 DR2=0.95 $r=-0.210$ $H=0.076$ $F=10.7$



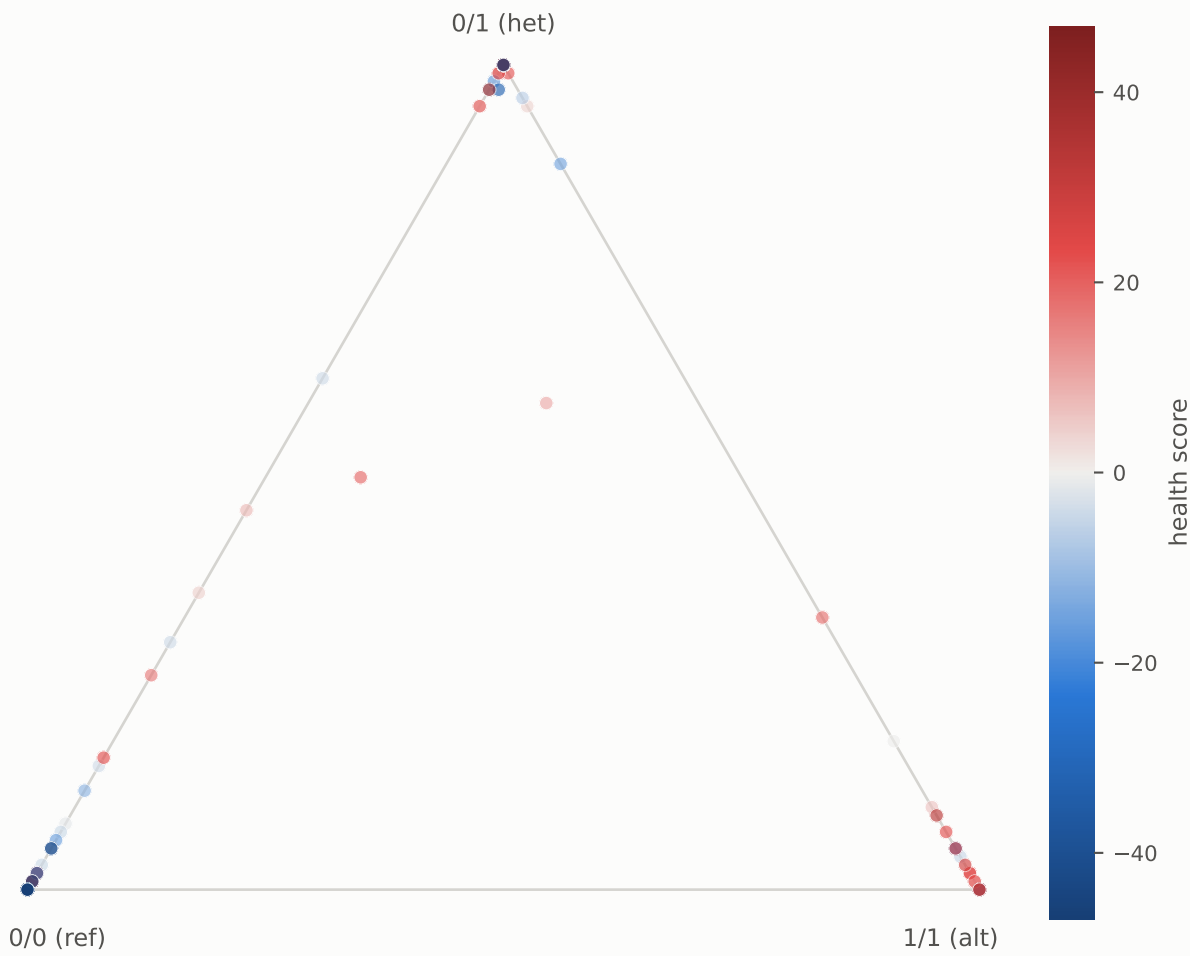
#182 by health association CHR_10:9,826,829 T>C
AF=0.11 DR2=0.87 $r=-0.210$ $\bar{H}=0.073$ $F=21.2$



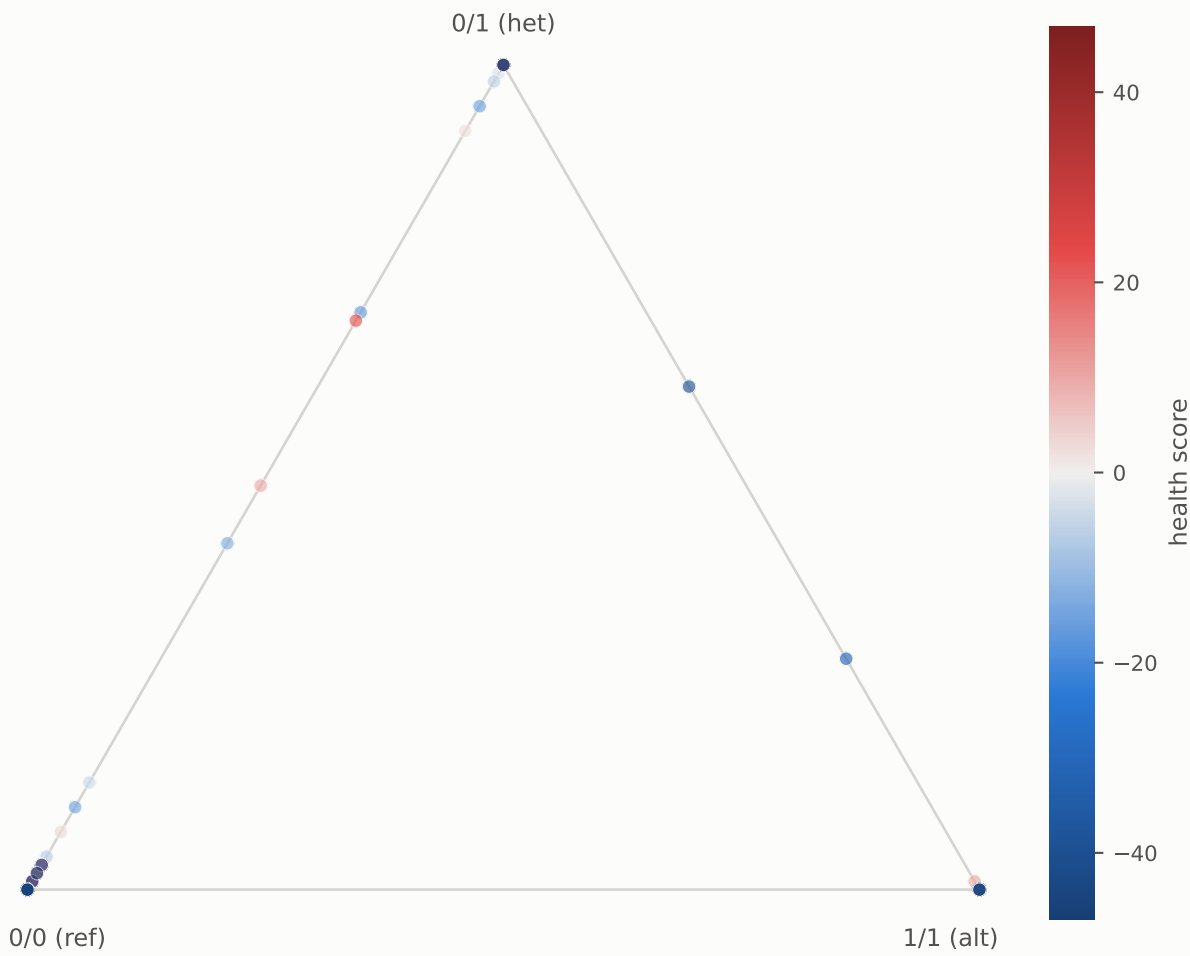
#183 by health association CHR_13:23,003,972 T>C
AF=0.22 DR2=0.94 $r=-0.210$ $H=0.088$ $F=10.3$



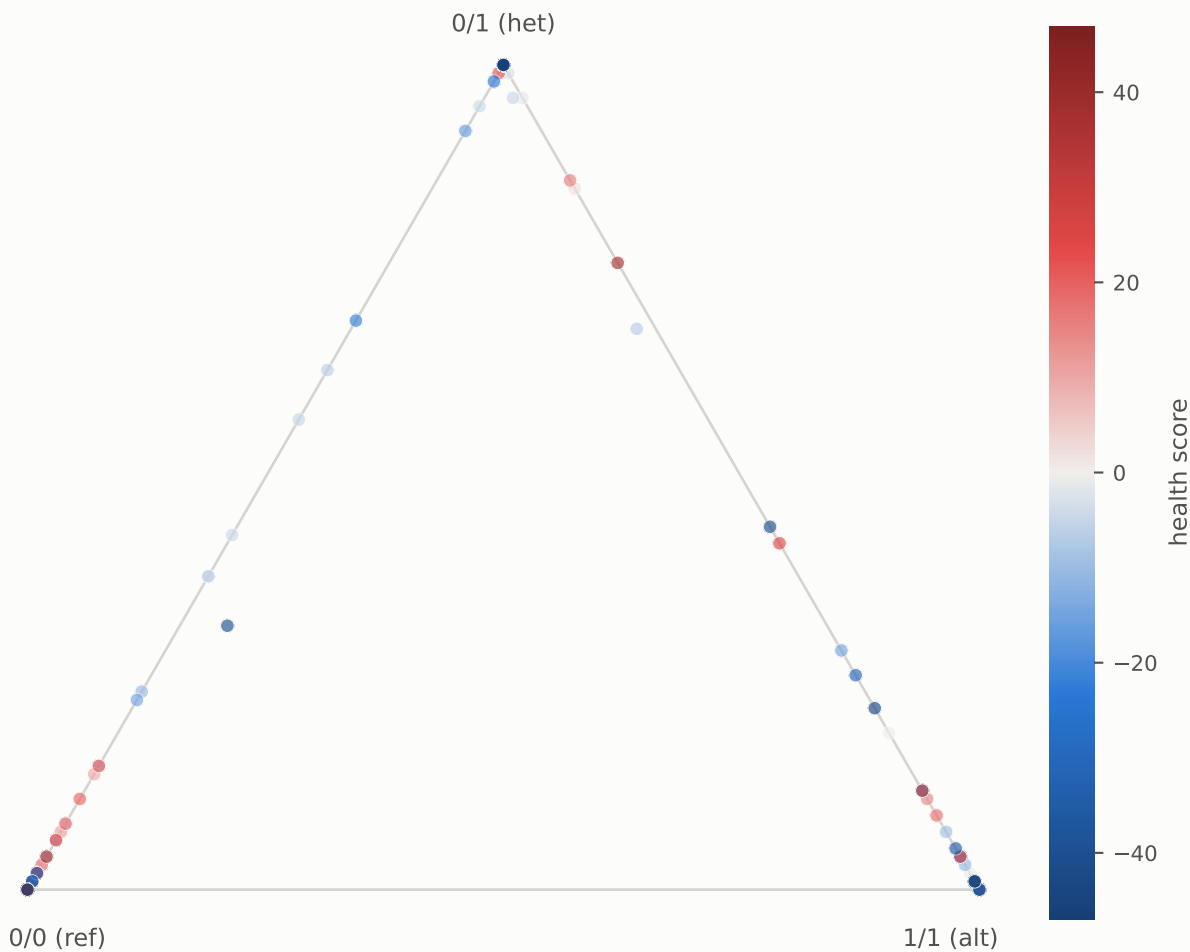
#184 by health association CHR_14:17,029,200 C>T
AF=0.14 DR2=0.96 r=+0.209 H=0.031 F=10.4



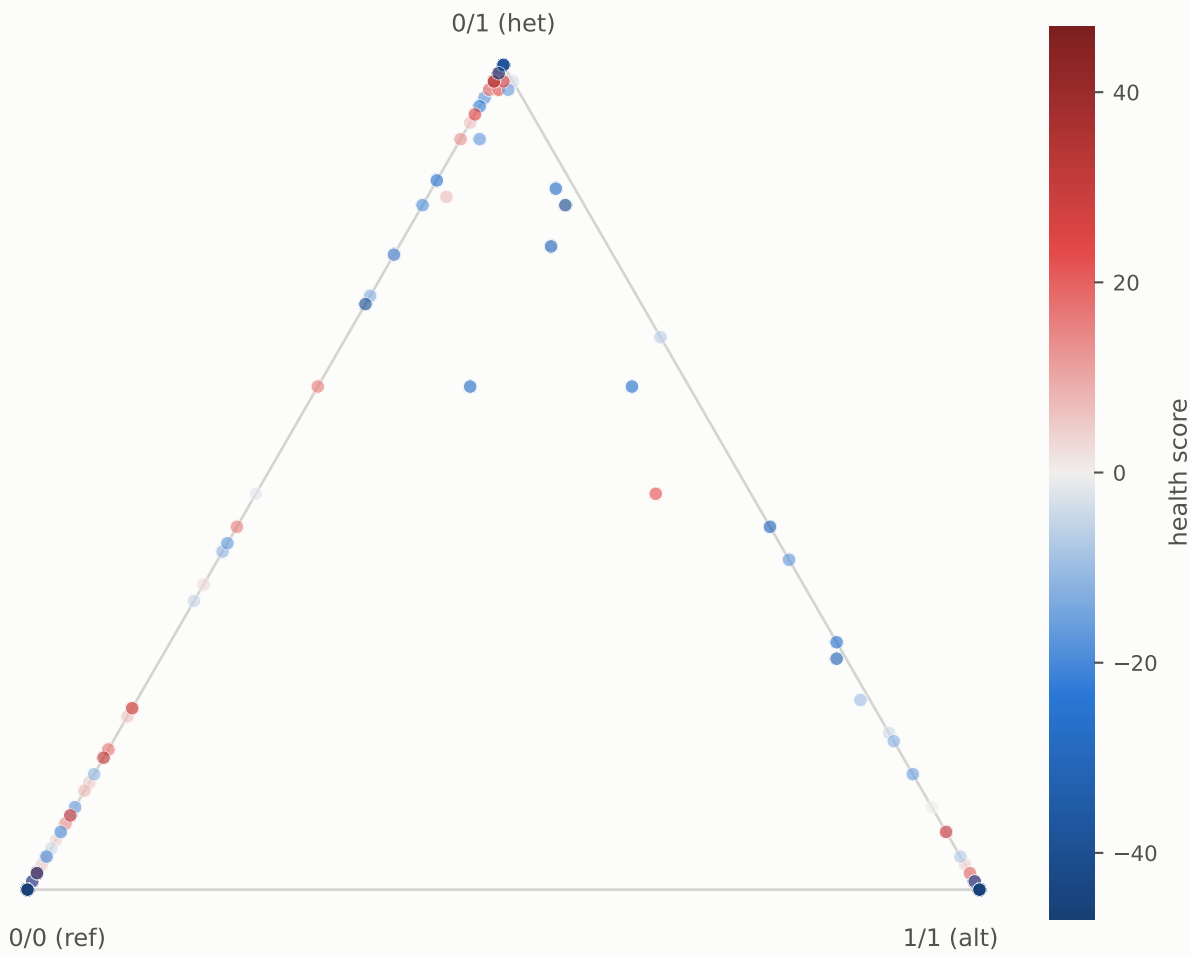
#185 by health association CHR_12:1,228,271 C>T
AF=0.077 DR2=0.97 $r=-0.209$ H=0.017 F=9.8



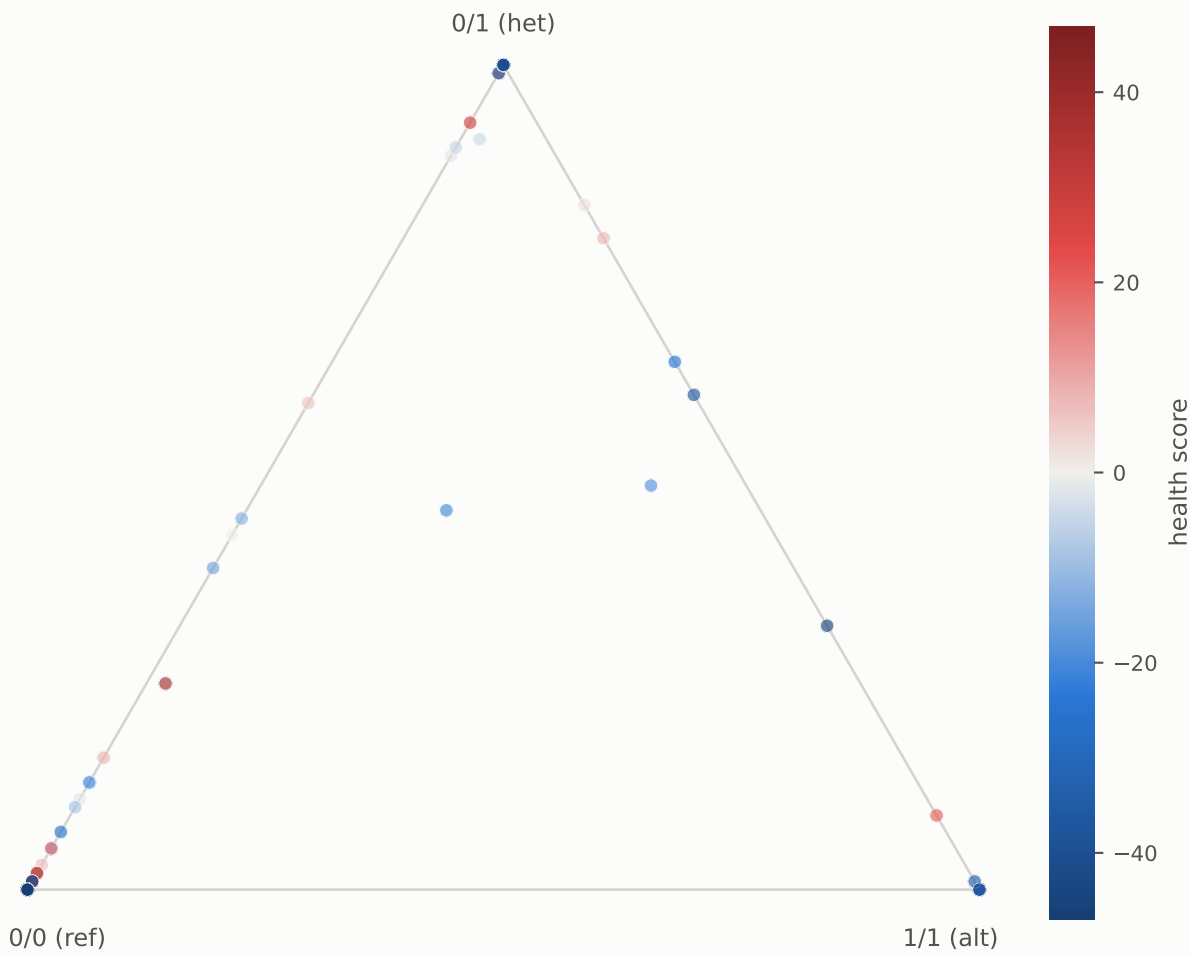
#186 by health association CHR_15:29,596,123 G>A
AF=0.25 DR2=0.96 $r=-0.209$ $H=0.048$ $F=10.6$



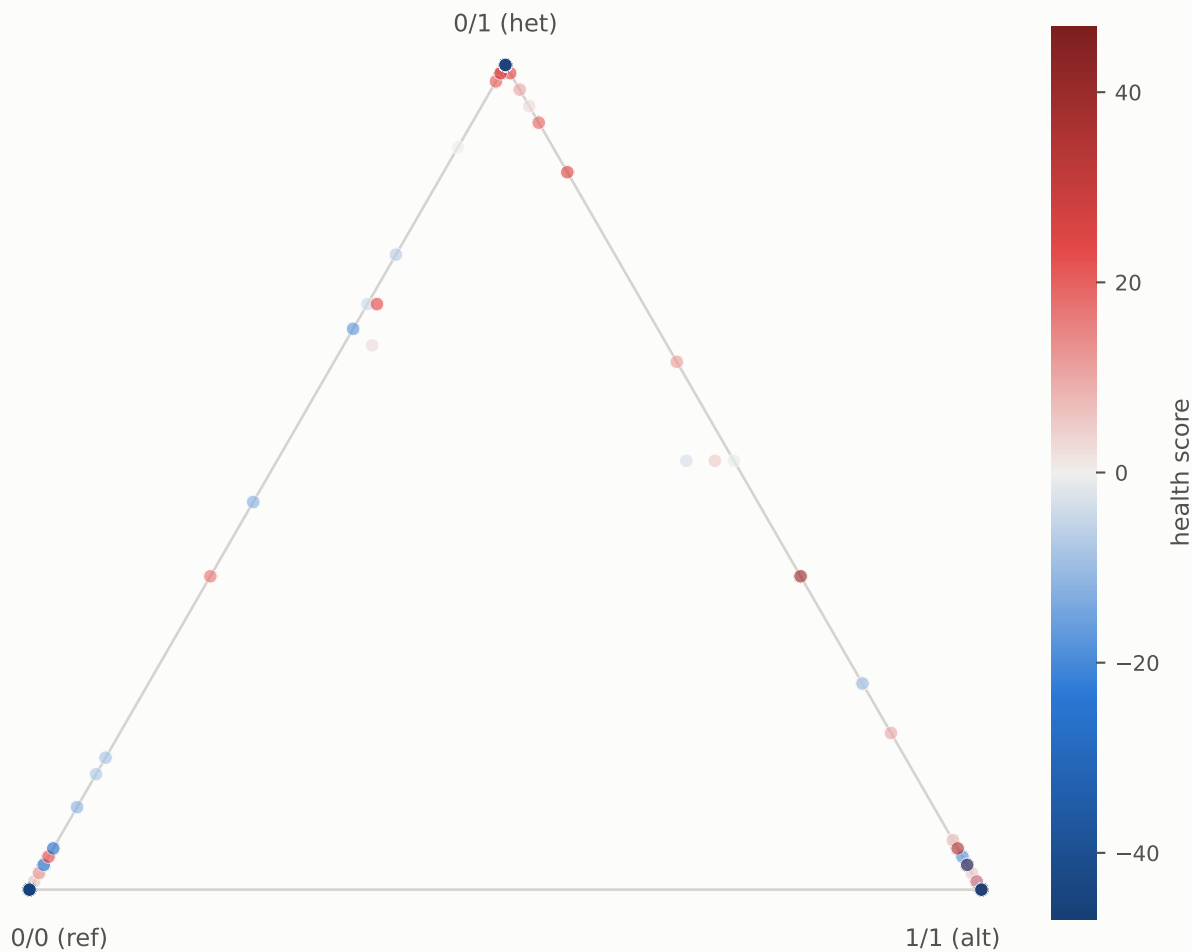
#187 by health association CHR_13:23,002,618 G>A
AF=0.23 DR2=0.95 $r=-0.209$ $H=0.071$ $F=10.8$



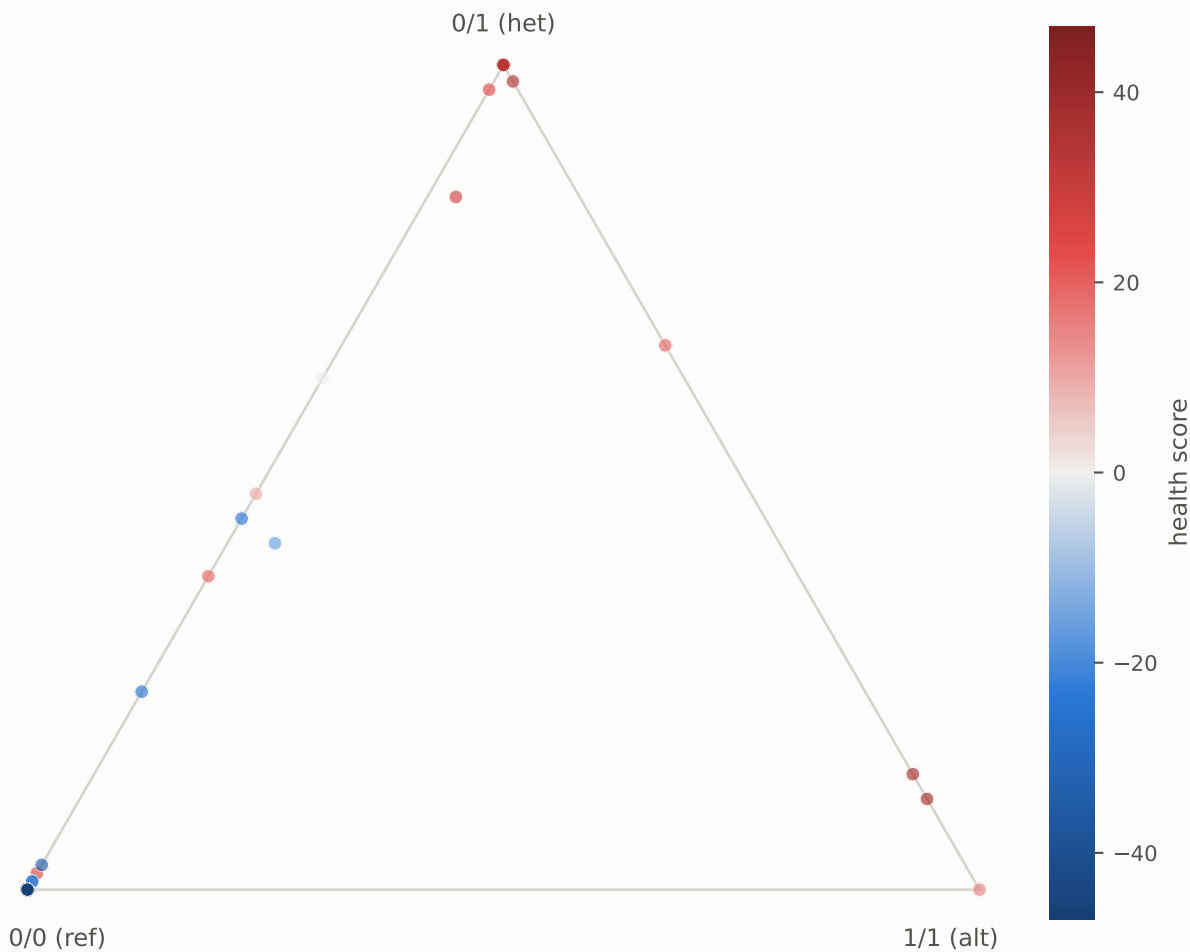
#188 by health association CHR_11:11,674,644 G>A
AF=0.056 DR2=0.93 r=-0.209 H=0.030 F=10.4



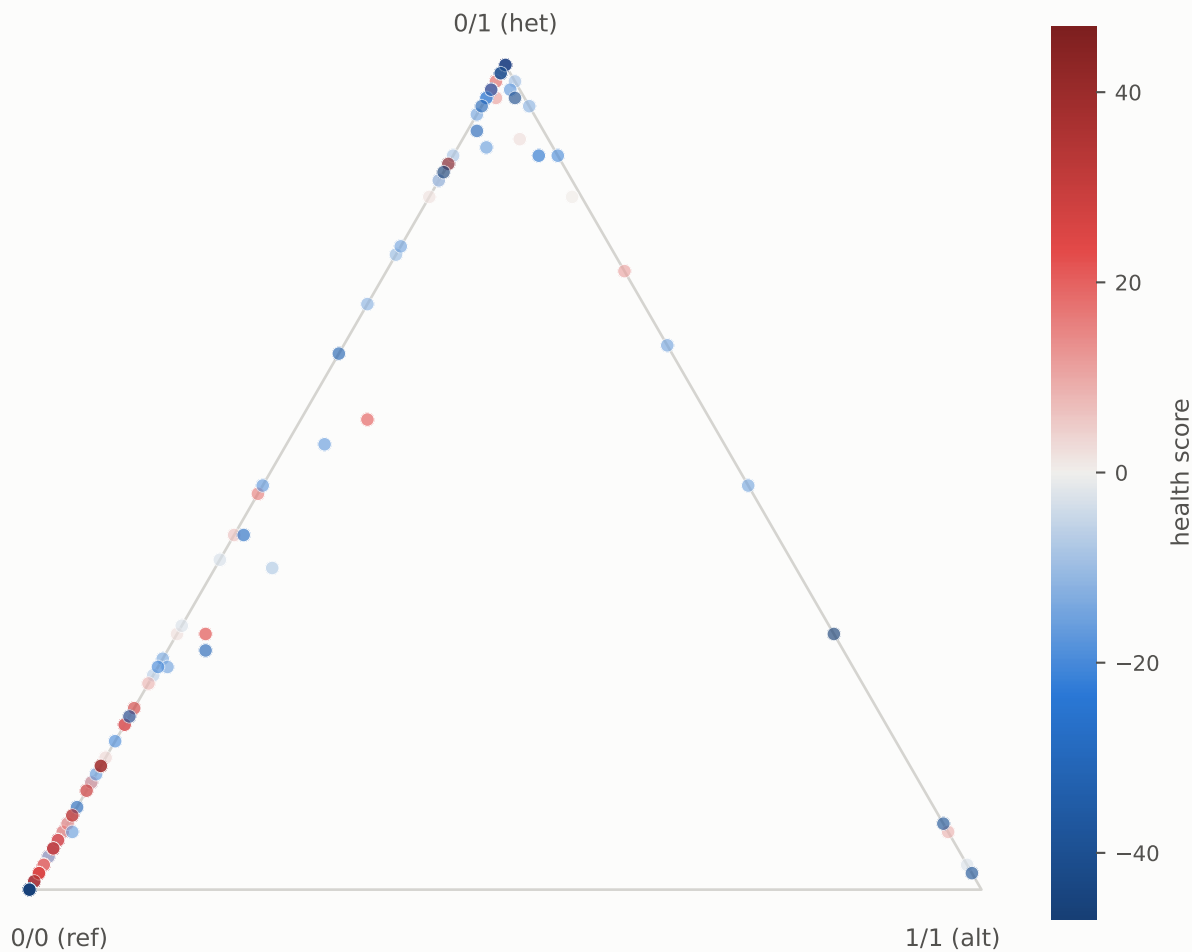
#189 by health association CHR_16:9,629,528 T>C
AF=0.48 DR2=0.97 r=+0.209 H=0.033 F=11.9



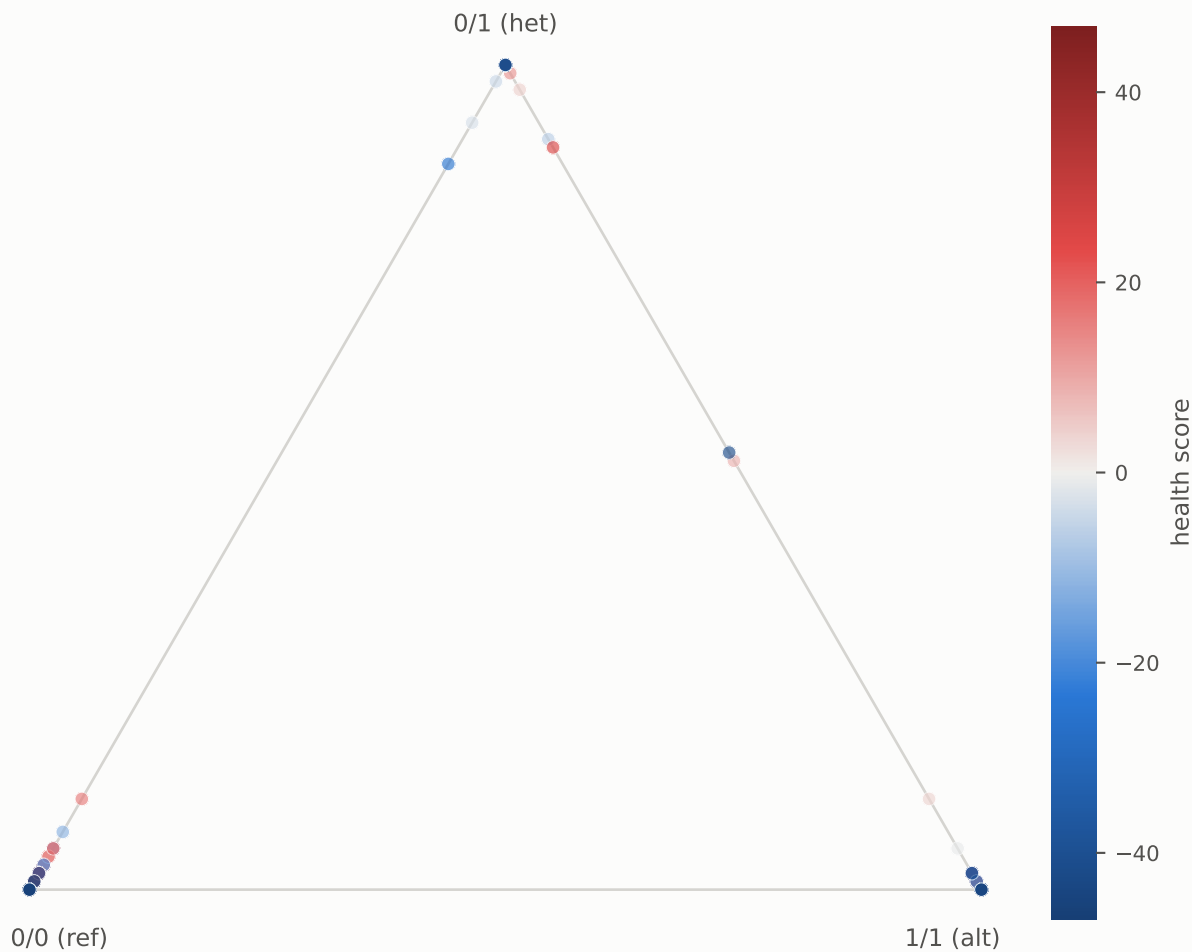
#190 by health association CHR_16:15,350,138 A>G
AF=0.047 DR2=0.96 r=+0.209 H=0.016 F=13.0



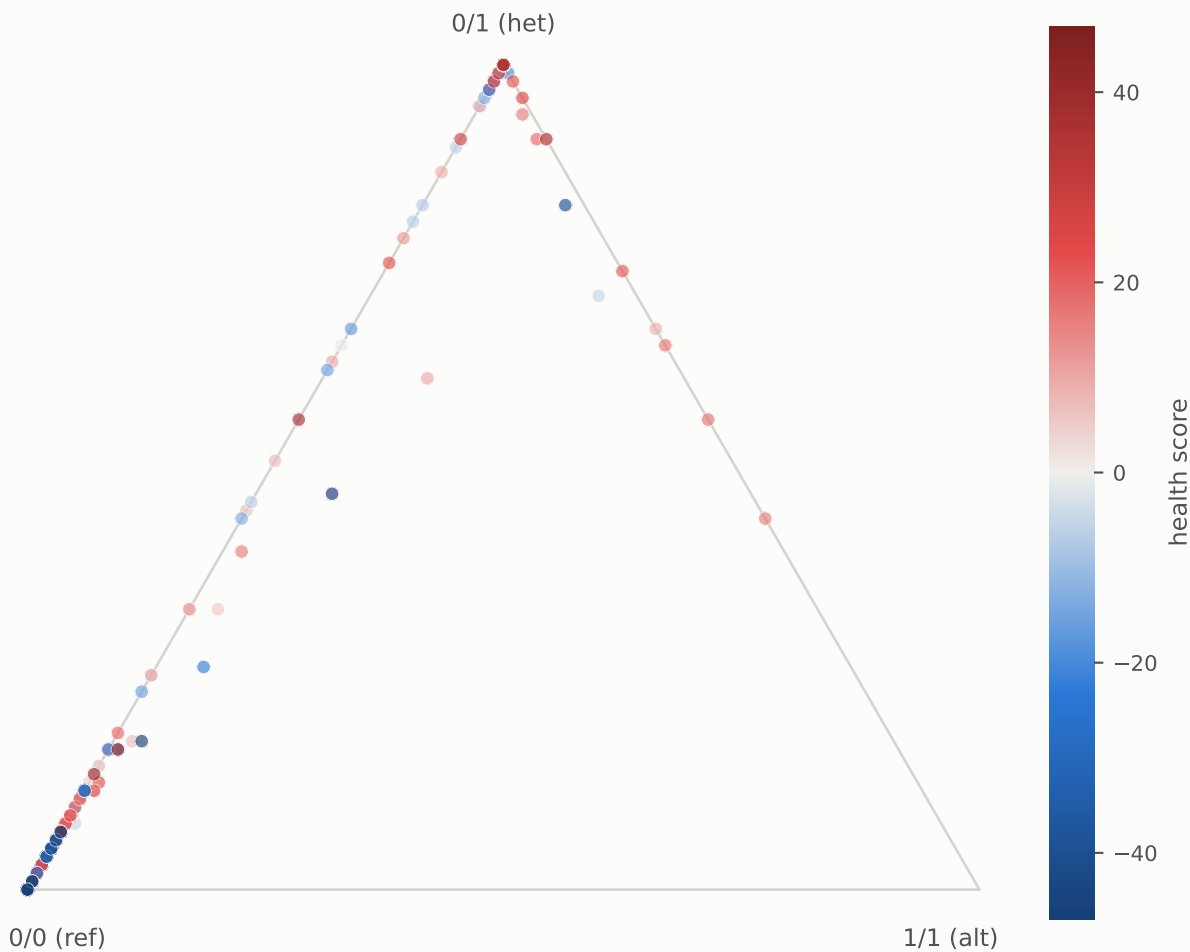
#191 by health association CHR_17:21,550,028 C>A
AF=0.12 DR2=0.85 $r=-0.209$ $H=0.100$ $F=11.2$



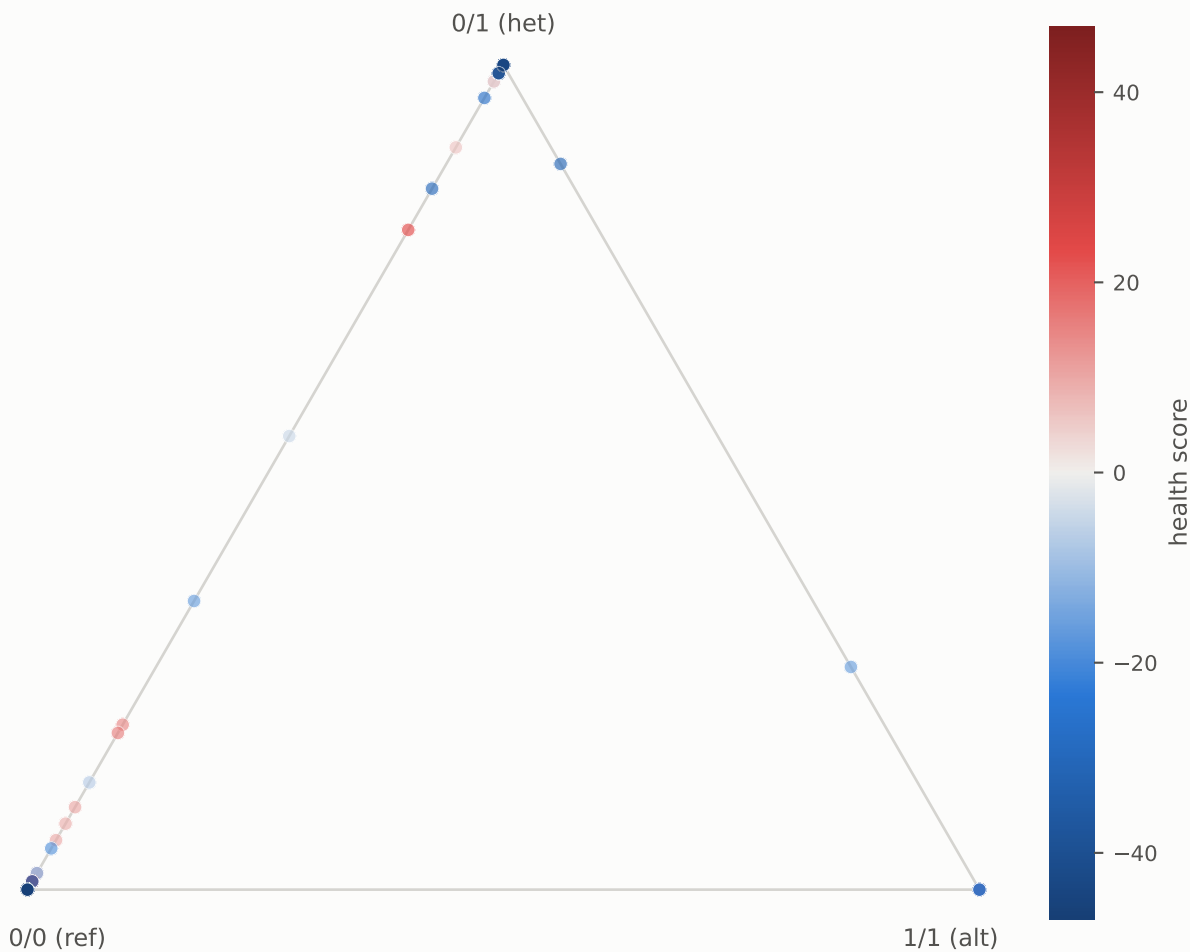
#192 by health association CHR_03:36,539,951 G>T
AF=0.084 DR2=0.97 r=-0.209 H=0.029 F=10.2



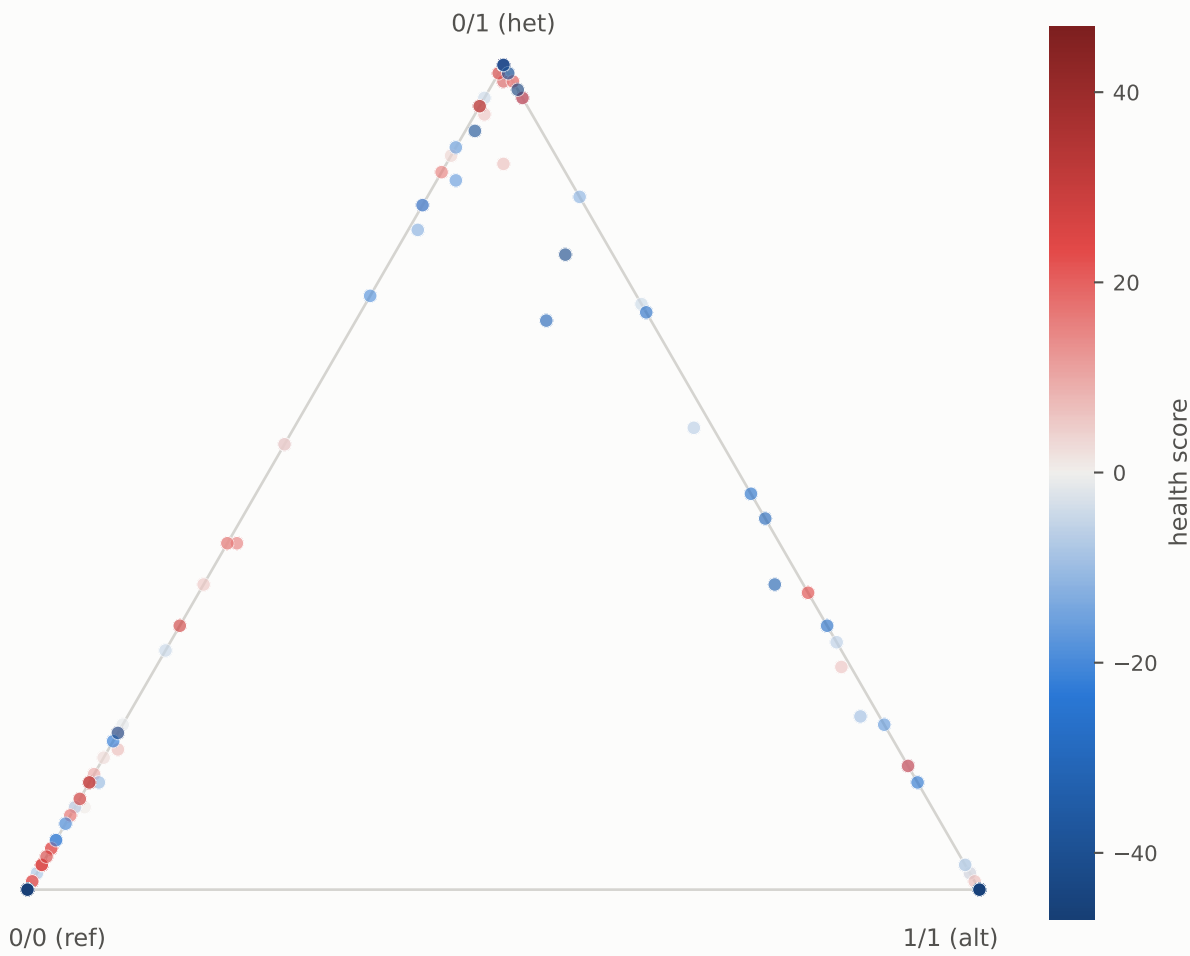
#193 by health association CHR_07:5,268,968 C>G
AF=0.14 DR2=0.81 r=+0.209 H=0.127 F=17.2



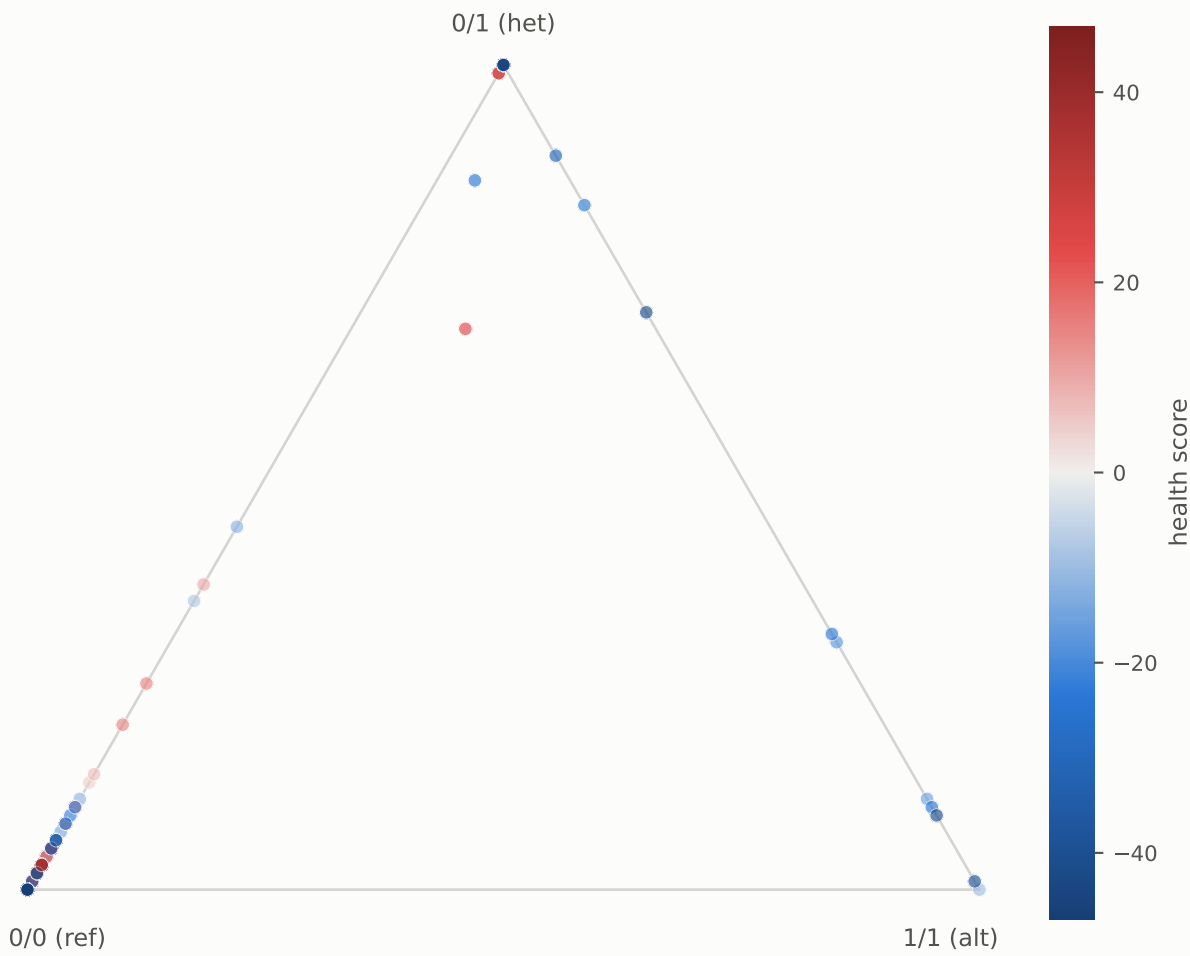
#194 by health association CHR_07:36,028,276 G>C
AF=0.12 DR2=0.97 $r=-0.209$ $H=0.016$ $F=10.4$



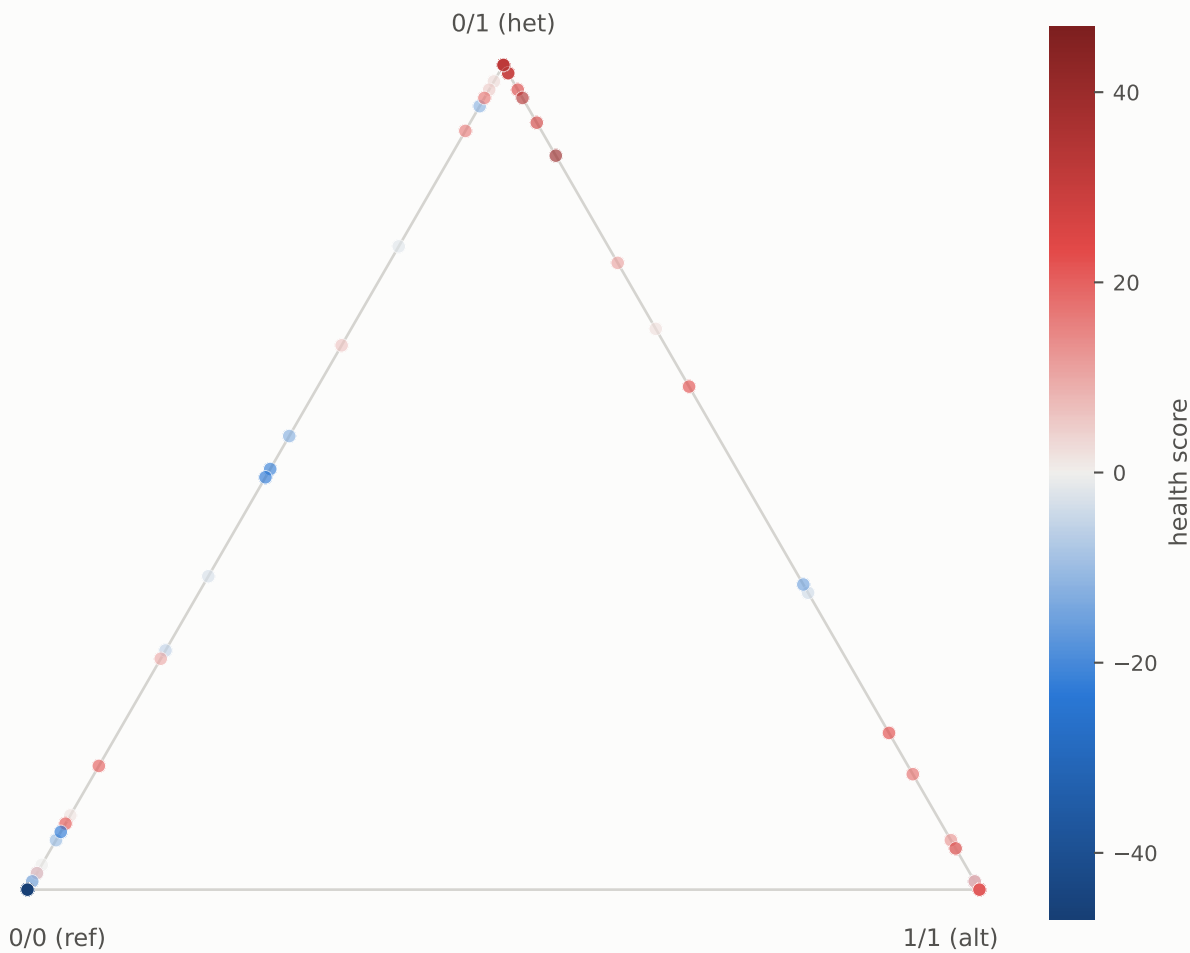
#195 by health association CHR_13:23,003,352 C>T
AF=0.25 DR2=0.95 $r=-0.209$ $H=0.074$ $F=10.8$



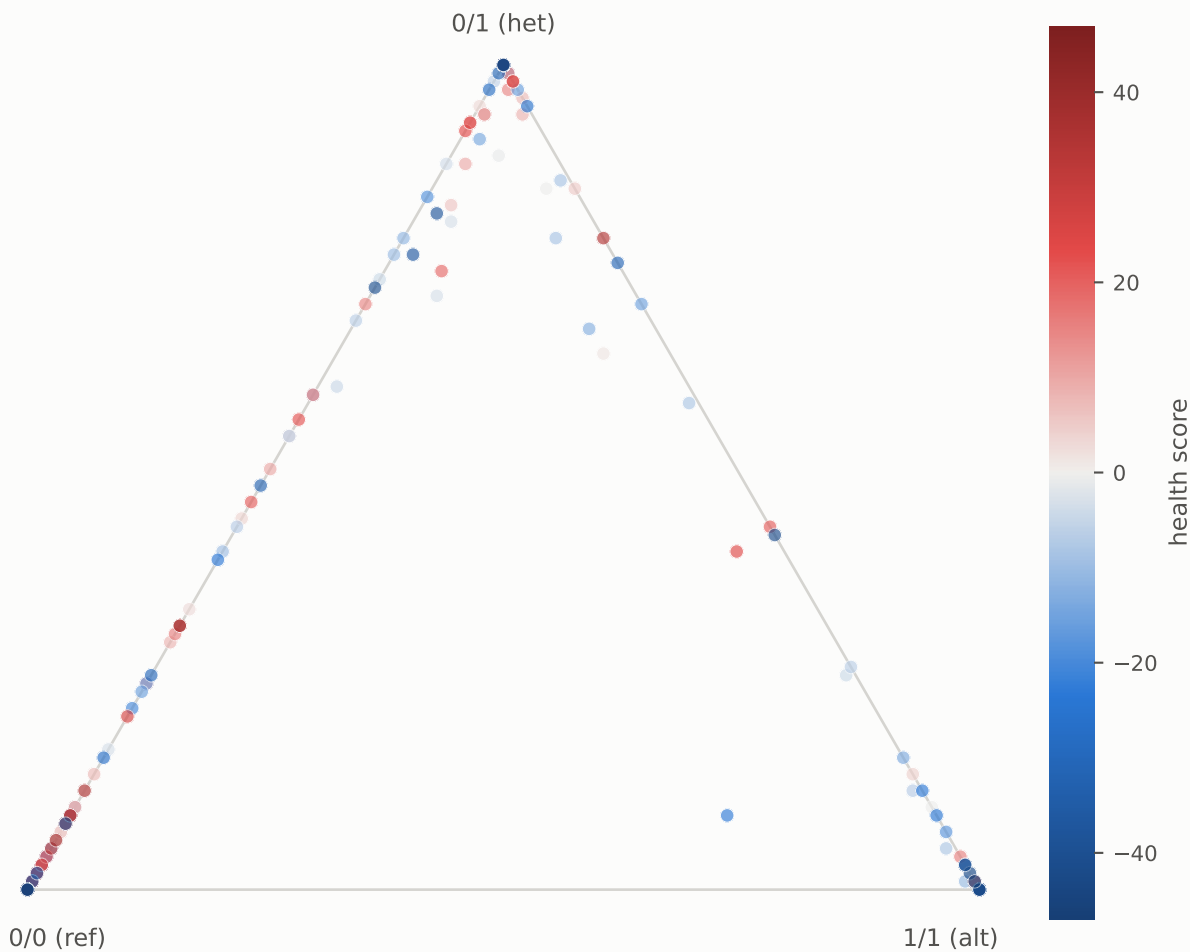
#196 by health association CHR_18:478 A>G
AF=0.074 DR2=0.9 r=-0.209 H=0.057 F=10.5



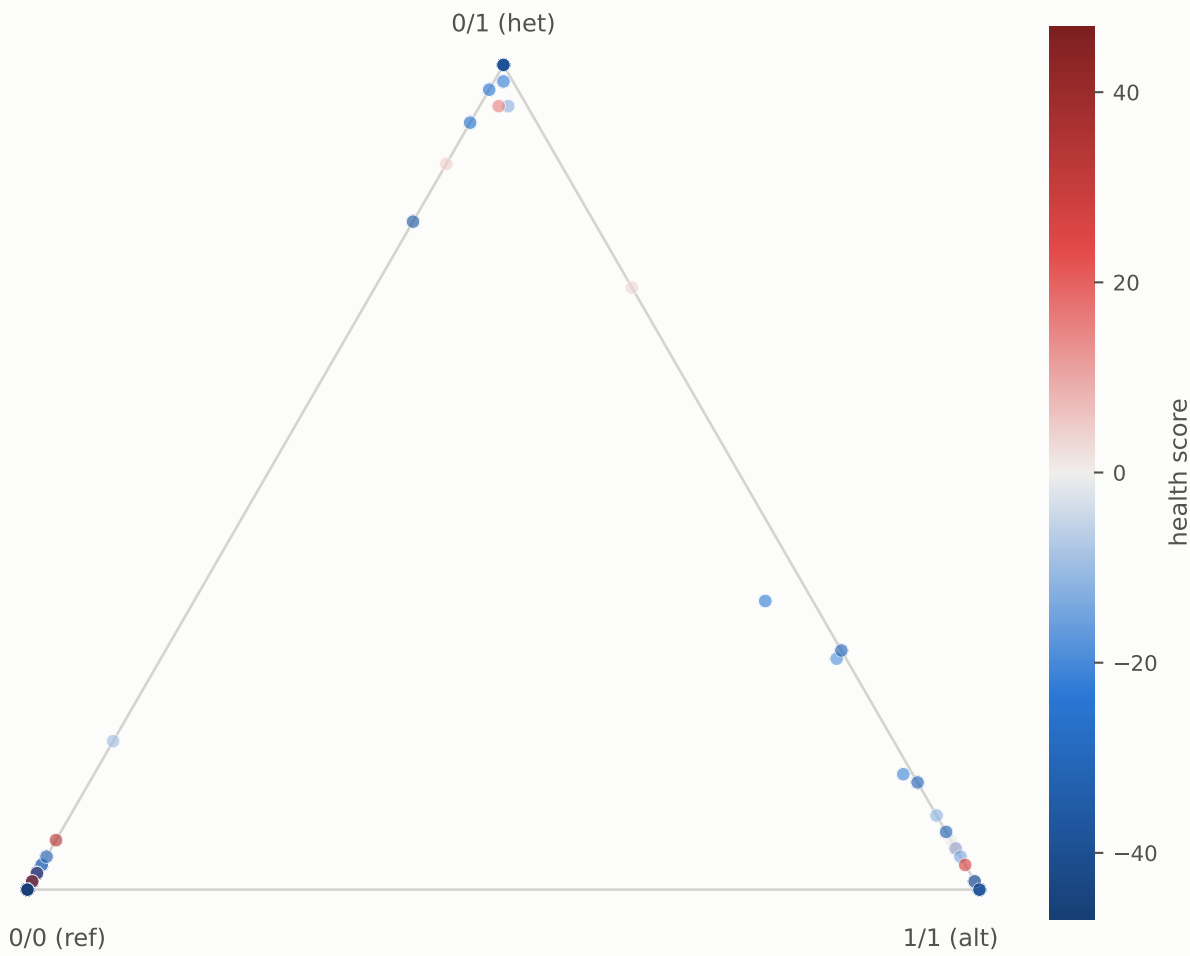
#197 by health association CHR_03:40,798,592 C>A
AF=0.13 DR2=0.96 r=+0.209 H=0.031 F=10.3



#198 by health association CHR_18:25,489,421 C>G
AF=0.23 DR2=0.91 $r=-0.208$ $H=0.117$ $F=10.6$



#199 by health association CHR_22:736,702 T>C
AF=0.089 DR2=0.96 $r=-0.208$ $\bar{H}=0.033$ F=10.8



#200 by health association CHR_16:9,599,203 T>A
AF=0.48 DR2=0.97 r=+0.208 H=0.040 F=12.4

