

Supplemental Table 3: Comparisons of different scores

| Mayo Clinic Genotype Predictor | | Weighted Score | | Score based on FHHCM and Reverse curvature alone | |
|--------------------------------|--------------------------|----------------|--------------------------|--|--------------------------|
| Score | Yield of genetic testing | Score | Yield of genetic testing | Score | Yield of genetic testing |
| -1 | 6.4% (6/94) | -1 | 6.4% (6/94) | 0 | 15.7% (85/541) |
| 0 | 14.4% (32/222) | 0 | 12.4% (23/185) | 1 | 47.8% (176/368) |
| 1 | 19% (47/242) | 1 | 11.8% (12/102) | 2 | 68% (98/144) |
| 2 | 41% (81/197) | 2 | 25.5% (37/145) | | |
| 3 | 60% (104/173) | 3 | 31.4% (37/118) | | |
| 4 | 68% (61/90) | 4 | 46.0% (40/87) | | |
| 5 | 80% (28/35) | 5 | 44.6% (41/92) | | |
| | | 6 | 72.1% (75/104) | | |
| | | 7 | 56.8% (31/37) | | |
| | | 8 | 72.2% (39/54) | | |
| | | 9 | 80.0% (28/35) | | |

Table comparing yield of genetic testing using different scores. On left, Mayo Clinic genotype predictor as described in manuscript giving each parameter an equipotent weight and score of +1 (-1 for presence of mild concomitant hypertension). Middle columns uses a weighted score relative to odds ratio from multivariate analyses (reverse curve HCM: 3 points; family history of HCM, age at diagnosis <45 years: 2 points; family history of SCD, MLVWT≥20mm: 1 point; mild, concomitant hypertension: -1 point). On left, score based on reverse curve HCM and family history of HCM (FHHCM).