**Supplementary Table.** Odds ratio as estimates of risk for CAD in carriers of the *VDR* gene variants under various genetic models

| Genetic models | Crude OR | | Model I | | Model II | | Model III | |
|---|---|---|---|---|---|---|---|---|
| *VDR* genotype | OR (95% CI) | *P* value | OR (95% CI) | *P* value | OR (95% CI) | *P* value | OR (95% CI) | *P* value |
| *VDR Taq*I overall | | | | | | | | |
| WvH | 0.645 (0.445-0.937) | 0.021 | 0.667 (0.456-0.974) | 0.036 | 0.576 (0.366-0.917) | 0.020 | 0.715 (0.428-1.195) | 0.200 |
| WvM | 0.534 (0.290-0.985) | 0.440 | 0.586 (0.315-1.090) | 0.092 | 0.610 (0.307-1.210) | 0.157 | 0.612 (0.293-1.278) | 0.191 |
| Dominant model | 0.621 (0.437-0.881) | 0.008 | 0.648 (0.454-0.925) | 0.017 | 0.600 (0.397-0.909) | 0.016 | 0.694 (0.439-1.099) | 0.119 |
| Recessive model | 0.642 (0.356-1.160) | 0.142 | 0.694 (0.381-1.263) | 0.232 | 0.737 (0.368-1.473) | 0.388 | 0.665 (0.314-1.410) | 0.288 |
| *VDR Taq*I Males | | | | | | | | |
| WvH | 0.777 (0.516-1.71) | 0.228 | 0.805 (0.530-1.222) | 0.309 | 0.732 (0.431-1.244) | 0.249 | 0.851 (0.478-1.516) | 0.584 |
| WvM | 0.360 (0.109-0.763) | 0.008 | 0.404 (0.188-0.867) | 0.020 | 0.294 (0.116-0.750) | 0.010 | 0.303 (0.116-0.790) | 0.015 |
| Dominant model | 0.609 (0.375-0.990) | 0.045 | 0.709 (0.478-1.051) | 0.087 | 0.624 (0.383-1.016) | 0.058 | 0.689 (0.407-1.166) | 0.165 |
| Recessive model | 0.399 (0.192-0.831) | 0.014 | 0.437 (0.208-0.918) | 0.029 | 0.285 (0.110-0.741) | 0.010 | 0.273 (0.101-0.733) | 0.010 |
| *VDR Taq*I Females | | | | | | | | |
| WvH | 0.267 (0.104-0.686) | 0.006 | 0.273(0.105-0.704) | 0.007 | 0.224 (0.082-0.612) | 0.004 | 0.298 (0.088-1.004) | 0.051 |
| WvM | 1.296 (0.371-4.523) | 0.684 | 1.309 (0.374-4.503) | 0.674 | 1.358 (0.387-4.760) | 0.633 | 1.960 (0.435-8.822) | 0.381 |
| Dominant model | 0.428 (0.186-0.981) | 0.045 | 0.437 (0.189-1.010) | 0.053 | 0.403 (0.171-0.947) | 0.037 | 0.545 (0.197-1.507) | 0.243 |
| Recessive model | 2.314 (0.712-7.527) | 0.163 | 2.340 (0.714-7.675) | 0.161 | 2.574 (0.786-8.494) | 0.121 | 3.149 (0.781-12.703) | 0.107 |
| *VDR Bsm*I overall | | | | | | | | |
| WvH | 1.483 (1.000-2.199) | 0.05 | 1.477 (0.992-2.201) | 0.055 | 1.554 (0.994-2.429) | 0.053 | 1.195 (0.726-1.966) | 0.483 |
| WvM | 1.197 (0.718-1.996) | 0.491 | 1.150 (0.683-1.936) | 0.598 | 1.086 (0.590-1.999) | 0.791 | 0.795 (0.391-1.616) | 0.526 |
| Dominant model | 1.400 (0.964-2.032) | 0.077 | 1.383 (0.948-2.020) | 0.093 | 1.449 (0.936-2.242) | 0.096 | 1.112 (0.686-1.803) | 0.666 |
| Recessive model | 0.943 (0.600-1.482) | 0.800 | 0.909 (0.574-1.448) | 0.684 | 0.844 (0.494-1.443) | 0.536 | 0.745 (0.398-1.392) | 0.356 |
| *VDR Bsm*I Males | | | | | | | | |
| WvH | 1.507 (0.972-2.335) | 0.067 | 1.464 (0.932-2.283) | 0.092 | 1.509 (0.879-2.540) | 0.121 | 1.186 (0.672-2.095) | 0.556 |
| WvM | 1.390 (0.799-2.418) | 0.244 | 1.354 (0.771-2.377) | 0.292 | 1.413 (0.713-2.799) | 0.322 | 1.052 (0.491-2.256) | 0.896 |
| Dominant model | 1.472 (0.975-2.222) | 0.066 | 1.430 (0.941-2.173) | 0.094 | 1.510 (0.912-2.526) | 0.108 | 1.182 (0.683-2.045) | 0.551 |
| Recessive model | 1.090 (0.669-1.775) | 0.73 | 1.080 (0.657-1.776) | 0.762 | 1.139 (0.623-2.084) | 0.672 | 1.002 (0.510-1.971) | 0.995 |
| *VDR Bsm*I Females | | | | | | | | |
| WvH | 1.378 (0.555-3.421) | 0.489 | 1.467 (0.583-3.695) | 0.416 | 1.461 (0.571-3.740) | 0.429 | 1.116 (0.371-3.360) | 0.825 |
| WvM | 0.410 (0.092-1.834) | 0.244 | 0.341 (0.072-1.623) | 0.177 | 0.374 (0.078-1.784) | 0.217 | 0.080 (0.290-2.523) | 0.099 |
| Dominant model | 1.122 (0.466-2.703) | 0.797 | 1.179 (0.485-2.866) | 0.717 | 1.180 (0.477-2.922) | 0.72 | 0.856 (0.290-2.528) | 0.779 |
| Recessive model | 0.333 (0.0840-1.320) | 0.118 | 0.285 (0.070-1.159) | 0.079 | 0.306 (0.075-1.249) | 0.099 | 0.152 (0.020-1.138) | 0.067 |
| *VDR Apa*I overall | | | | | | | | |
| WvH | 0.840 (0.570-1.236) | 0.376 | 0.838 (0.567-1.239) | 0.376 | 0.878 (0.559-1.378) | 0.571 | 0.867 (0.520-1.446) | 0.585 |
| WvM | 1.093 (0.643-1.855) | 0.743 | 1.032 (0.602-1.768) | 0.91 | 1.152 (0.613-2.157) | 0.664 | 1.274 (0.603-2.694) | 0.526 |
| Dominant model | 0.894 (0.619-1.292) | 0.551 | 0.882 (0.608-1.280) | 0.509 | 0.936 (0.605-1.447) | 0.765 | 0.944 (0.575-1.552) | 0.822 |
| Recessive model | 1.214 (0.754-1.953) | 0.425 | 1.156 (0.714-1.871) | 0.555 | 1.238 (0.711-2.155) | 0.451 | 1.336 (0.698-2.559) | 0.382 |
| *VDR Apa*I Males | | | | | | | | |
| WvH | 0.837 (0.543-1.293) | 0.423 | 0.833 (0.537-1.290) | 0.413 | 0.952 (0.554-1.636) | 0.859 | 0.868 (0.482-1.565) | 0.638 |
| WvM | 1.165 (0.654-2.077) | 0.605 | 1.105 (0.614-1.987) | 0.739 | 1.534 (0.739-3.186) | 0.251 | 1.434 (0.623-3.300) | 0.397 |
| Dominant model | 0.910 (0.602-1.374) | 0.653 | 0.894 (0.588-1.357) | 0.593 | 1.074 (0.036-1.813) | 0.788 | 0.965 (0.544-1.711) | 0.903 |
| Recessive model | 1.299 (0.778-2.170) | 0.318 | 1.243 (0.740) | 0.410 | 1.564 (0.836-2.927) | 0.161 | 1.473 (0.727-2.984) | 0.283 |

*Contd...*

| Genetic models | Crude OR | | Model I | | Model II | | Model III | |
|---|---|---|---|---|---|---|---|---|
| *VDR* genotype | OR (95% CI) | *P* value | OR (95% CI) | *P* value | OR (95% CI) | *P* value | OR (95% CI) | *P* value |
| *VDR Apa*I Females | | | | | | | | |
| WvH | 0.840 (0.355-1.987) | 0.691 | 0.866 (0.362-2.068) | 0.745 | 0.915 (0.375-2.229) | 0.844 | 1.130 (0.362-3.529) | 0.833 |
| WvM | 0.667 (0.162-2.747) | 0.575 | 0.629 (0.146-2.702) | 0.533 | 0.704 (0.163-3.042) | 0.638 | 1.938 (0.235-16.018) | 0.539 |
| Dominant model | 0.806 (0.353-1.842) | 0.61 | 0.822 (0.356-1.897) | 0.646 | 0.876 (0.372-2.060) | 0.761 | 1.205 (0.387-3.753) | 0.748 |
| Recessive model | 0.733 (0.193-2.788) | 0.649 | 0.694 (0.179-2.698) | 0.598 | 0.751 (0.192-2.930) | 0.68 | 1.280 (0.226-7.234) | 0.780 |
| *VDR Fok*I overall | | | | | | | | |
| WvH | 1.105 (0.765-1.596) | 0.595 | 1.195 (0.820-1.742) | 0.354 | 0.970 (0.625-1.505) | 0.892 | 0.957 (0.577-1.587) | 0.865 |
| WvM | 1.718 (0.824-3.584) | 0.149 | 1.965 (0.912-4.233) | 0.085 | 2.077 (0.910-4.739) | 0.083 | 2.772 (1.108-6.938) | 0.029 |
| Dominant model | 1.179 (0.830-1.675) | 0.357 | 1.268 (0.886-1.814) | 0.195 | 1.088 (0.717-1.650) | 0.692 | 1.146 (0.715-1.835) | 0.571 |
| Recessive model | 1.652 (0.803-3.398) | 0.172 | 1.742 (0.835-3.633) | 0.139 | 2.091 (0.928-4.707) | 0.075 | 2.937 (1.190-7.250) | 0.019 |
| *VDR Fok*I Males | | | | | | | | |
| WvH | 1.226 (0.815-1.844) | 0.329 | 1.330 (0.873-2.025) | 0.184 | 1.140 (0.701-1.855) | 0.596 | 0.992 (0.565-1.742) | 0.978 |
| WvM | 2.615 (1.095-6.254) | 0.03 | 3.268 (1.308-8.168) | 0.011 | 3.429 (1.303-9.024) | 0.013 | 6.203 (2.092-18.396) | 0.001 |
| Dominant model | 1.363 (0.923-2.014) | 0.12 | 1.475 (0.988-2.202) | 0.057 | 1.337 (0.843-2.120) | 0.217 | 1.329 (0.785-2.251) | 0.289 |
| Recessive model | 2.418 (1.027-5.691) | 0.043 | 2.278 (1.133-6.567) | 0.025 | 3.234 (1.257-8.366) | 0.015 | 5.944 (2.097-16.853) | 0.001 |
| *VDR Fok*I Females | | | | | | | | |
| WvH | 0.703 (0.299-1.654) | 0.42 | 0.717 (0.300-1.709) | 0.452 | 0.505 (0.163-1.560) | 0.235 | 0.759 (0.207-2.780) | 0.678 |
| WvM | 0.369 (0.065-2.085) | 0.259 | 0.312 (0.051-1.890) | 0.205 | 0.347 (0.036-3.373) | 0.362 | 0.274 (0.025-3.012) | 0.29 |
| Dominant model | 0.639 (0.282-1.448) | 0.283 | 0.662 (0.290-1.513) | 0.329 | 0.479 (0.164-1.397) | 0.178 | 0.572 (0.177-1.847) | 0.350 |
| Recessive model | 0.429 (0.079-2.329) | 0.327 | 0.399 (0.072-2.201) | 0.292 | 0.445 (0.049-4.086) | 0.474 | 0.238 (0.019-3.045) | 0.269 |

**Model I:** Adjusted for age.
**Model II:** Additionally adjusted for smoking and alcohol (none of the female cases or controls reported a history of smoking or alcohol consumption).
**Model III:** Additionally adjusted for hypertension and diabetes.
With minor alleles being "a", "f" "b" and "t" for *Apa*I, *Fok*I *Bsm*I, and *Taq*I, respectively, the dominant model assumed to be (Aa and aa combined vs. AA, Ff and ff combined vs. FF, Bb and bb vs. BB, and Tt and tt vs. TT) and recessive (AA and Aa combined vs. aa, FF, and Ff combined vs. ff, BB and Bb combined vs. bb and TT and Tt vs.tt). A *P* value <0.05 is considered significant in all the models