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| **Table S5:** Associations with *BRCA1* breast or ovarian cancer riskforSNPs genotyped at stages 1, 2 and 3 |
|  |  | **Stages 1 & 2** | **Stage3** | **All Stages** |
| **SNP** | **Chrom.** | **N** | **P-trend** | **Log(HR)** | **N** | **P-trend** | **Log(HR)** | **P-trend** |
| ***Breast Cancer Associations*** |  |  |
| rs2290854 | 1 | 11705 | 1.66×10-5 | 0.113 | 2645 | 1.28×10-3 | 0.176 | 1.39×10-7 |
| rs6682208 | 1 | 11705 | 5.44×10-5 | 0.104 | 2644 | 8.61×10-4 | 0.178 | 4.25×10-7 |
| rs11196174 | 10 | 11702 | 3.13×10-5 | 0.110 | 2644 | 5.71×10-3 | 0.153 | 7.48×10-7 |
| rs11196175 | 10 | 11682 | 3.90×10-5 | 0.109 | 2645 | 7.52×10-3 | 0.148 | 1.15×10-6 |
| rs765855 | 7 | 11702 | 1.17×10-6 | -0.125 | 2646 | 0.64 | -0.025 | 4.25×10-6 |
| rs2349485 | 7 | 11586 | 2.77×10-6 | -0.118 | 2646 | 0.68 | -0.022 | 9.74×10-6 |
| rs11616749 | 13 | 11705 | 2.89×10-5 | 0.124 | 2644 | 0.18 | 0.084 | 1.27×10-5 |
| rs17544947 | 17 | 11701 | 2.97×10-5 | -0.115 | 1039 | 0.21 | -0.116 | 1.31×10-5 |
| rs4716985 | 7 | 11696 | 2.34×10-5 | -0.108 | 2635 | 0.31 | -0.053 | 2.05×10-5 |
| rs1958654 | 14 | 11703 | 6.87×10-6 | 0.166 | 2645 | 0.90 | 0.009 | 3.24×10-5 |
| rs10252939 | 7 | 11705 | 4.88×10-5 | -0.106 | 2644 | 0.48 | -0.037 | 7.02×10-5 |
| rs10835161 | 11 | 11692 | 3.63×10-5 | -0.101 | 2644 | 0.86 | 0.009 | 2.22×10-4 |
|  |  |  |  |  |  |  |  |  |
| ***Ovarian Cancer Associations*** |  |  |
| rs1911544 | 2 | 11674 | 3.19×10-5 | 0.20 | 2642 | 0.905 | 0.012 | 1.58×10-4 |
| rs4691139 | 4 | 11705 | 1.11×10-6 | 0.18 | 2645 | 0.009 | 0.199 | 3.45×10-8 |
| rs17106475 | 10 | 11651 | 8.96×10-6 | -0.35 | 2646 | 0.753 | 0.050 | 1.11×10-4 |
| rs17631303 | 17 | 11624 | 3.04×10-7 | 0.24 | 2646 | 0.014 | 0.251 | 1.41×10-8 |
| rs183211 | 17 | 11705 | 5.67×10-7 | 0.22 | 2646 | 0.018 | 0.226 | 3.13×10-8 |
|  |  |  |  |  |  |  |  |  |