

**Table S9. Univariate Cox proportional hazard model assessing the association between SNPs of aromatase and Disease-free survival in the GIM4 and GIM5 cohorts, and according to treatment arm (short letrozole arm and long letrozole arm) in the GIM4 cohort.**

	<b>GIM4 total</b>		<b>GIM4 short arm</b>		<b>GIM4 long arm</b>		<b>GIM5</b>	
	<b>N=591</b>		<b>N=292</b>		<b>N=299</b>		<b>N=295</b>	
	<b>Events=90</b>		<b>Events= 50</b>		<b>Events= 40</b>		<b>Events=69</b>	
	<b>HR (95% CIs)</b>	<b>p value</b>	<b>HR (95% CIs)</b>	<b>p value</b>	<b>HR (95% CIs)</b>	<b>p value</b>	<b>HR (95% CIs)</b>	<b>p value</b>
<b>rs4646</b>								
<b>Additive</b>								
<b>G/T</b>	1.16 (0.76-1.78)	0.483	1.27 (0.72-2.23)	0.414	1.11 (0.59-2.10)	0.744	1.08 (0.66-1.77)	0.764
<b>T/T</b>	0.65 (0.23-1.82)	0.417	1.01 (0.24-4.30)	0.986	0.52 (0.12-2.23)	0.377	1.06 (0.41-2.69)	0.911
<b>Dominant</b>								
<b>G/T+T/T</b>	1.64 (0.60-4.49)	0.329	1.11 (0.27-4.57)	0.885	2.03 (0.49-4.44)	0.329	1.08 (0.67-1.72)	0.764
<b>Recessive</b>								
<b>T/T</b>	0.60 (0.22-1.65)	0.329	0.90 (0.22-3.71)	0.885	0.49 (0.12-2.04)	0.329	1.02 (0.41-2.54)	0.964
<b>rs10046</b>								
<b>Additive</b>								
<b>C/T</b>	1.10 (0.67-1.82)	0.702	1.07 (0.54-2.12)	0.847	1.10 (0.53-2.30)	0.785	1.15 (0.63-2.11)	0.650
<b>T/T</b>	1.10 (0.60-2.01)	0.751	1.02 (0.46-2.28)	0.957	1.11 (0.44-2.79)	0.825	1.59 (0.81-3.11)	0.174
<b>Dominant</b>								
<b>C/T + T/T</b>	1.10 (0.69-1.77)	0.687	1.05 (0.55-2.02)	0.873	1.10 (0.55-2.23)	0.773	1.29 (0.73-2.29)	0.377
<b>Recessive</b>								
<b>T/T</b>	1.03 (0.63-1.70)	0.898	0.98 (0.51-1.87)	0.944	1.04 (0.47-2.27)	0.925	1.49 (0.89-2.52)	0.131
<b>rs749292</b>								
<b>Additive</b>								
<b>C/T</b>	1.13 (0.70-1.82)	0.611	1.05 (0.56-1.99)	0.973	1.24 (0.61-2.53)	0.547	1.15 (0.66-1.99)	0.618
<b>T/T</b>	1.34 (0.73-2.44)	0.348	1.46 (0.67-3.14)	0.339	1.17 (0.44-3.13)	0.752	1.66 (0.84-3.29)	0.148
<b>Dominant</b>								
<b>C/T + T/T</b>	1.18 (0.75-1.85)	0.466	1.16 (0.64-2.10)	0.632	1.23 (0.62-2.42)	0.556	1.26 (0.75-2.12)	0.383
<b>Recessive</b>								
<b>T/T</b>	1.24 (0.73-2.11)	0.425	1.41 (0.72-2.76)	0.313	1.03 (0.43-2.45)	0.955	1.52 (0.84-2.74)	0.163
<b>rs727479</b>								
<b>Additive</b>								
<b>T/G</b>	0.64 (0.32-1.25)	0.192	0.56 (0.21-1.48)	0.243	0.79 (0.30-2.04)	0.620	0.86 (0.43-1.70)	0.663
<b>G/G</b>	0.81 (0.52-1.26)	0.351	0.88 (0.49-1.57)	0.658	0.77 (0.39-1.53)	0.460	0.99 (0.49-2.02)	0.990
<b>Dominant</b>								
<b>T/G + G/G</b>	1.39 (0.74-2.62)	0.307	1.66 (0.66-4.20)	0.281	1.09 (0.46-2.61)	0.842	0.91 (0.48-1.74)	0.782
<b>Recessive</b>								
<b>G/G</b>	1.30 (0.85-1.99)	0.220	1.25 (0.71-2.20)	0.432	1.29 (0.68-2.45)	0.442	1.12 (0.68-1.83)	0.657