Subtype
HR (95% CI)
ER-, HER2+ 0.91 (0.77-1.06)
ER-, HER2- 0.93 (0.84-1.03)
ER+, HER2- 0.97 (0.89-1.05)
ER+, HER2+ 0.98 (0.83-1.15)
0.8 0.9 1.0 1.1 1.3
Lesser hazard
Greater hazard
P heterogeneity=0.8
B cells naive
Subtype
HR (95% CI)
ER+, HER2+ 0.86 (0.74-1.01)
ER-, HER2- 0.92 (0.83-1.03)
ER+, HER2- 0.95 (0.88-1.03)
ER-, HER2+ 1.12 (0.95-1.33)
0.8 0.9 1.0 1.1 1.3
Lesser hazard
Greater hazard
P heterogeneity=0.1
B cells memory
Subtype
HR (95% CI)
ER-, HER2+ 0.88 (0.72-1.06)
ER+, HER2- 0.89 (0.81-0.99)
ER-, HER2- 0.97 (0.85-1.11)
ER+, HER2+ 1.07 (0.89-1.28)
0.8 0.9 1.0 1.1 1.3
Lesser hazard
Greater hazard
P heterogeneity=0.3
Plasma cells
Subtype
HR (95% CI)
ER-, HER2+ 0.82 (0.67-0.99)
ER-, HER2- 0.87 (0.77-0.98)
ER+, HER2+ 0.91 (0.74-1.10)
ER+, HER2- 0.94 (0.84-1.04)
0.8 0.9 1.0 1.1 1.3
Lesser hazard
Greater hazard
P heterogeneity=0.6
T cells CD8
Subtype
HR (95% CI)
ER+, HER2+ 0.90 (0.78-1.03)
ER-, HER2+ 0.93 (0.80-1.08)
ER-, HER2- 0.96 (0.88-1.06)
ER+, HER2- 0.97 (0.90-1.05)
0.8 0.9 1.0 1.1 1.3
Lesser hazard
Greater hazard
P heterogeneity=0.8
T cells CD4 naive
Subtype
HR (95% CI)
ER+, HER2+ 0.86 (0.72-1.03)
ER+, HER2- 0.98 (0.90-1.06)
ER-, HER2- 1.03 (0.93-1.15)
ER-, HER2+ 1.13 (0.95-1.34)
0.8 0.9 1.0 1.1 1.3
Lesser hazard
Greater hazard
P heterogeneity=0.2
T cells CD4 memory resting
Subtype
HR (95% CI)
ER-, HER2+ 0.73 (0.60-0.89)*
ER+, HER2+ 0.87 (0.74-1.01)
ER-, HER2- 0.90 (0.81-1.02)
ER+, HER2- 1.00 (0.92-1.08)
0.8 0.9 1.0 1.1 1.3
Lesser hazard
Greater hazard
P heterogeneity=0.022
T cells CD4 memory activated
Subtype
HR (95% CI)
ER-, HER2+ 0.92 (0.76-1.12)
ER+, HER2+ 0.94 (0.78-1.13)
ER+, HER2- 0.97 (0.88-1.07)
ER-, HER2- 1.02 (0.90-1.16)
0.8 0.9 1.0 1.1 1.3
Lesser hazard
Greater hazard
P heterogeneity=0.8
T cells follicular helper
Subtype
HR (95% CI)
ER+, HER2- 1.14 (1.04-1.26)*
ER-, HER2- 1.19 (1.05-1.35)*
ER+, HER2+ 1.24 (1.04-1.49)*
ER-, HER2+ 1.25 (1.04-1.51)*
0.8 0.9 1.0 1.1 1.3
Lesser hazard
Greater hazard
P heterogeneity=0.8
T cells regulatory (Tregs)
Subtype
HR (95% CI)
ER+, HER2+ 0.97 (0.82-1.15)
ER-, HER2- 1.01 (0.90-1.13)
ER-, HER2+ 1.01 (0.85-1.21)
ER+, HER2- 1.03 (0.94-1.13)
0.8 0.9 1.0 1.1 1.3
Lesser hazard
Greater hazard
P heterogeneity=0.9
T cells gamma delta
Subtype
HR (95% CI)
ER-, HER2+ 0.90 (0.76-1.07)
ER+, HER2+ 0.95 (0.81-1.11)
ER-, HER2- 1.02 (0.92-1.14)
ER+, HER2- 1.08 (1.00-1.17)
0.8 0.9 1.0 1.1 1.3
Lesser hazard
Greater hazard
P heterogeneity=0.2
NK cells resting
Subtype
HR (95% CI)
ER-, HER2- 0.97 (0.86-1.08)
ER+, HER2- 0.97 (0.90-1.05)
ER-, HER2+ 1.04 (0.87-1.24)
ER+, HER2+ 1.11 (0.94-1.30)
0.8 0.9 1.0 1.1 1.3
Lesser hazard
Greater hazard
P heterogeneity=0.5
NK cells activated
Subtype
HR (95% CI)
ER+, HER2- 0.87 (0.80-0.95)*
ER-, HER2- 0.94 (0.84-1.04)
ER+, HER2+ 0.94 (0.81-1.09)
ER-, HER2+ 0.96 (0.82-1.12)
0.8 0.9 1.0 1.1 1.3
Lesser hazard
Greater hazard
P heterogeneity=0.6
Monocytes
Subtype
HR (95% CI)
ER+, HER2+ 0.95 (0.79-1.14)
ER-, HER2+ 1.04 (0.85-1.27)
ER-, HER2- 1.10 (0.98-1.24)
ER+, HER2- 1.25 (1.15-1.37)*
0.8 0.9 1.0 1.1 1.3
Lesser hazard
Greater hazard
P heterogeneity=0.024
Macrophages M0
Subtype
HR (95% CI)
ER+, HER2+ 0.91 (0.76-1.09)
ER-, HER2+ 0.93 (0.78-1.12)
ER-, HER2- 0.94 (0.83-1.06)
ER+, HER2- 0.99 (0.90-1.09)
0.8 0.9 1.0 1.1 1.3
Lesser hazard
Greater hazard
P heterogeneity=0.8
Macrophages M1
Subtype
HR (95% CI)
ER+, HER2- 1.08 (0.98-1.19)
ER-, HER2- 1.08 (0.95-1.23)
ER+, HER2+ 1.09 (0.90-1.33)
ER-, HER2+ 1.21 (0.99-1.48)
0.8 0.9 1.0 1.1 1.3
Lesser hazard
Greater hazard
P heterogeneity=0.8
Macrophages M2
Subtype
HR (95% CI)
ER-, HER2- 0.91 (0.82-1.00)
ER-, HER2+ 0.91 (0.78-1.07)
ER+, HER2- 1.00 (0.91-1.09)
ER+, HER2+ 1.08 (0.92-1.28)
0.8 0.9 1.0 1.1 1.3
Lesser hazard
Greater hazard
P heterogeneity=0.2
Dendritic cells resting
Subtype
HR (95% CI)
ER-, HER2+ 0.95 (0.81-1.10)
ER-, HER2- 0.96 (0.87-1.06)
ER+, HER2- 0.98 (0.90-1.06)
ER+, HER2+ 1.30 (1.14-1.49)*
0.8 0.9 1.0 1.1 1.3
Lesser hazard
Greater hazard
P heterogeneity=0.00080
Dendritic cells activated
Subtype
HR (95% CI)
ER+, HER2+ 0.93 (0.78-1.11)
ER+, HER2- 0.96 (0.88-1.06)
ER-, HER2- 0.97 (0.85-1.10)
ER-, HER2+ 1.05 (0.85-1.30)
0.8 0.9 1.0 1.1 1.3
Lesser hazard
Greater hazard
P heterogeneity=0.9
Mast cells resting
Subtype
HR (95% CI)
ER+, HER2- 0.98 (0.90-1.07)
ER+, HER2+ 1.10 (0.94-1.28)
ER-, HER2- 1.10 (0.98-1.24)
ER-, HER2+ 1.10 (0.92-1.32)
0.8 0.9 1.0 1.1 1.3
Lesser hazard
Greater hazard
P heterogeneity=0.3
Mast cells activated
Subtype
HR (95% CI)
ER+, HER2- 0.96 (0.88-1.05)
ER-, HER2+ 1.11 (0.92-1.34)
ER-, HER2- 1.11 (0.98-1.26)
ER+, HER2+ 1.37 (1.18-1.60)*
0.8 0.9 1.0 1.1 1.3
Lesser hazard
Greater hazard
P heterogeneity=0.00070
Neutrophils
Subtype
HR (95% CI)
ER+, HER2- 0.86 (0.76-0.98)
ER+, HER2+ 0.86 (0.65-1.15)
ER-, HER2- 0.94 (0.80-1.12)
ER-, HER2+ 0.97 (0.73-1.28)
0.8 0.9 1.0 1.1 1.3
Lesser hazard
Greater hazard
P heterogeneity=0.8
Eosinophils
Group (subjects/events)
ER-, HER2- (994/302)
ER+, HER2- (2072/500)
ER-, HER2+ (374/131)
ER+, HER2+ (458/141)