Variable		N	Hazard ratio	p
Surv ~ CN−Sig1 + GleasonScore + purity + Stage				
CN−Sig1		491	1.13 (0.66, 1.93)	0.66
GleasonScore		491	1.99 (1.57, 2.52)	<0.001
purity		491	1.02 (0.98, 1.06)	0.30
Stage	T2	188	Reference	
	T3	293	1.91 (1.03, 3.54)	0.04
	T4	10	1.65 (0.46, 5.95)	0.44
Surv ~ CN−Sig2 + GleasonScore + purity + Stage				
CN−Sig2		491	0.99 (0.74, 1.32)	0.94
GleasonScore		491	1.98 (1.56, 2.50)	<0.001
purity		491	1.02 (0.98, 1.06)	0.35
Stage	T2	188	Reference	
	T3	293	1.90 (1.02, 3.54)	0.04
	T4	10	1.65 (0.46, 5.95)	0.44
Surv ~ CN−Sig3 + GleasonScore + purity + Stage				
CN−Sig3		491	1.07 (0.98, 1.17)	0.12
GleasonScore		491	1.89 (1.49, 2.41)	<0.001
purity		491	1.02 (0.99, 1.06)	0.23
Stage	T2	188	Reference	
	T3	293	1.95 (1.05, 3.62)	0.03
	T4	10	1.60 (0.44, 5.80)	0.47
Surv ~ CN−Sig4 + GleasonScore + purity + Stage				
CN−Sig4		491	0.94 (0.84, 1.06)	0.32
GleasonScore		491	1.95 (1.53, 2.47)	<0.001
purity		491	1.03 (0.99, 1.08)	0.18
Stage	T2	188	Reference	
	T3	293	2.00 (1.07, 3.74)	0.03
	T4	10	1.71 (0.47, 6.18)	0.41
Surv ~ CN−Sig5 + GleasonScore + purity + Stage				
CN−Sig5		491	0.82 (0.47, 1.42)	0.47
GleasonScore		491	1.95 (1.53, 2.47)	<0.001
purity		491	1.02 (0.98, 1.06)	0.44
Stage	T2	188	Reference	
	T3	293	1.88 (1.01, 3.49)	0.05
	T4	10	1.59 (0.44, 5.78)	0.48
Surv ~ SBS−Sig1 + GleasonScore + purity + Stage				
SBS−Sig1		486	1.06 (0.89, 1.26)	0.53
GleasonScore		486	1.99 (1.57, 2.54)	<0.001
purity		486	1.02 (0.98, 1.06)	0.32
Stage	T2	187	Reference	
	T3	289	1.84 (0.99, 3.43)	0.05
	T4	10	1.59 (0.44, 5.74)	0.48
Surv ~ SBS−Sig2 + GleasonScore + purity + Stage				
SBS−Sig2		486	1.00 (1.00, 1.00)	0.18
GleasonScore		486	1.99 (1.57, 2.54)	<0.001
purity		486	1.02 (0.98, 1.06)	0.35
Stage	T2	187	Reference	
	T3	289	1.84 (0.99, 3.43)	0.05
	T4	10	1.62 (0.45, 5.85)	0.46
Surv ~ SBS−Sig3 + GleasonScore + purity + Stage				
SBS−Sig3		486	1.00 (0.99, 1.01)	0.55
GleasonScore		486	2.00 (1.57, 2.54)	<0.001
purity		486	1.02 (0.98, 1.06)	0.32
Stage	T2	187	Reference	
	T3	289	1.84 (0.99, 3.43)	0.05
	T4	10	1.62 (0.45, 5.84)	0.46