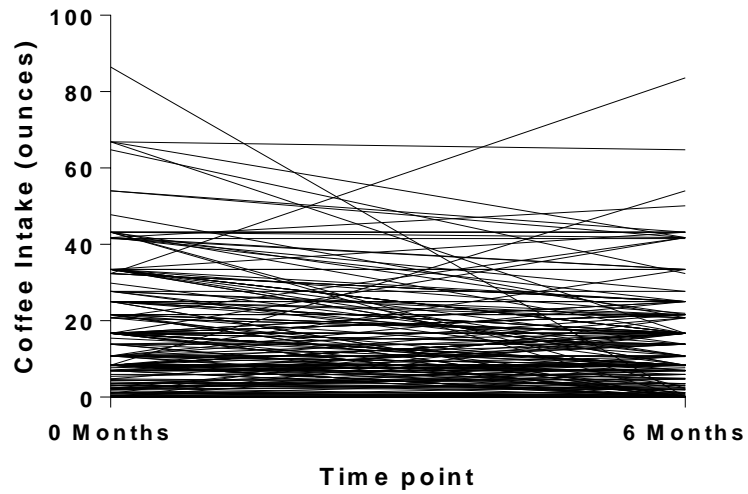**Supplementary Tables/Figures**

Supplementary Figure 1: Spaghetti plot of daily coffee consumption from baseline to 6 months (N=282)

Change in Coffee Intake from Baseline to 6 Months

Each line represents a single patient

Supplementary Table 1: Daily Consumption of Caffeine Sources by Grade Progression

Beverage (oz/day)	Average Daily Consumption (mean, STD)			
	All Patients	Non-Progressors	Progressors	P-value
Coffee	14.65 (15.53)	14.07 (14.86)	17.14 (18.1)	0.12
Black Tea	3.6 (0.97)	3.57 (7.96)	3.75 (8.34)	0.86
Green Tea	1.39 (3.68)	1.42 (3.53)	1.23 (4.3)	0.68
Herbal Tea	0.23 (1.34)	0.26 (1.44)	0.1 (0.69)	0.34
Soda	3.35 (7.81)	3.38 (7.99)	3.23 (7.01)	0.88

Supplementary Table 2: Association* of tea, soda, coffee, and caffeine intake** with progression-free survival in prostate cancer patients on active surveillance.

Dietary Source	Number of Patients	Hazard Ratio	95% Confidence Interval	P-Value
Black Tea				
None	213	1.00	Ref	
0.004-3.58 oz/day	91	1.03	0.57-1.86	0.91
>3.58 oz/day	107	1.33	0.66-1.95	0.65
Green Tea				
None	274	1.00	Ref	
0.004-1.55 oz/day	65	0.96	0.50-1.82	0.89
>1.55 oz/day	72	0.68	0.33-1.39	0.29
Herbal Tea				
None	370	1.00	Ref	
0.004-1.94 oz/day	20	0.62	0.15-2.56	0.51
>1.94 oz day	21	0.28	0.04-2.01	0.21
Soda				
None	239	1.00	Ref	
0.004-4.76 oz/day	92	0.75	0.42-1.36	0.35
>4.76 oz/day	80	1.33	0.74-2.40	0.34
Coffee				
0-2.39 oz/day	107	1.00	Ref	
2.40-8.36 oz/day	108	0.57	0.28-1.17	0.13
8.37-21.6 oz/day	105	0.87	0.46-1.65	0.67
>21.6 oz/day	91	1.27	0.69-2.34	0.44
Caffeine				
0-66.38 mg/day	102	1.00	Ref	
66.39-116.44 mg/day	103	1.18	0.57-2.42	0.66
116.45-248.14 mg/day	104	1.20	0.61-2.38	0.59
>248.14 mg/day	102	1.63	0.85-3.14	0.14

*Each model accounts for age, PSA and summary tumor length

**Categorical variables defined as never consumers in referent category and split at median in consumers for teas and soda; natural/population-based quartiles examined for coffee and caffeine.

Supplementary Table 3: Correlation of coffee intake with other diet, lifestyle, and patient factors

	Spearman's rho	P
Black Tea	-0.01	0.90
Green Tea	-0.08	0.13
Herbal Tea	-0.06	0.24
Soda	-0.05	0.30
Caffeine	0.92	<0.001
Dairy Cream or Milk	0.09	0.08
Added sugar	0.02	0.70
Alcohol	0.17	<0.001
Total energy intake	0.10	0.03
BMI	-0.00	0.94
Testosterone level	-0.00	0.98
Age	0.01	0.81