

Supplemental Table 1: Factors affecting HSSI.

Variable	HSSI category n (%)			p value
	Green	Yellow	Red	
Sex				0.309
Males	171 (25.9)	172 (26.1)	316 (48)	
Females	8 (42.1)	3 (15.8)	8 (42.1)	
Age (years)				0.072
<50	134 (28.5)	125 (26.5)	112 (54.1)	
>50	45 (21.7)	50 (24.2)	212 (45)	
Diabetes mellitus				0.731
No	136 (26.9)	132 (26.1)	237 (46.9)	
Yes	43 (24.9)	43 (24.9)	87 (50.3)	
Hypertension				0.181
No	157 (27.5)	141 (24.7)	272 (47.7)	
Yes	22 (20.4)	34 (31.5)	52 (48.1)	
Duration of employment				0.005
<5 years	107 (29.9)	101 (28.2)	150 (41.9)	
>5 years	72 (22.5)	74 (23.1)	174 (54.4)	
Site of work				0.003
Indoor	107 (33.1)	75 (23.2)	141 (43.7)	
Outdoor	31 (23.5)	39 (29.5)	62 (47)	
Both	41 (18.4)	61 (27.4)	121 (54.3)	
Outdoor work (hours/day)				0.028
<5 hours	100 (31.2)	79 (24.6)	182 (51)	
>5 hours	79 (22.1)	96 (26.9)	142 (44.2)	
Water intake during work shift				0.197
<1 L	23 (28.4)	18 (22.2)	40 (29.4)	
1-2 L	54 (30.7)	51 (29)	71 (40.3)	
>2 L	102 (24.2)	106 (25.2)	213 (50.6)	
Past H/O kidney stones				0.288
No	177 (26.8)	169 (25.6)	314 (47.6)	
Yes	2 (11.1)	6 (33.3)	10 (55.6)	
Smoking				0.113
No	157 (26.3)	155 (26)	284 (47.7)	
Reformed smokers	19 (30.6)	18 (29)	25 (40.3)	
Active smokers	3 (15)	2 (10)	15 (75)	
Pack-years of smoking				0.440
Non-smokers	157 (26.3)	155 (26)	284 (47.7)	
<10 pack-years	21 (28)	20 (26.7)	34 (45.3)	
>10 pack-years	1 (14.3)	0	6 (85.7)	
Alcohol intake				0.885
No	112 (26.4)	112 (26.4)	200 (47.2)	
Yes	67 (26.4)	63 (24.8)	124 (48.8)	
Body mass index				0.218
Underweight	4 (30.8)	6 (46.2)	3 (23.1)	
Normal range	39 (22.9)	53 (31.2)	78 (45.9)	
Overweight	43 (28.1)	35 (22.9)	75 (49)	
Obese	93 (27.2)	81 (23.7)	168 (49.1)	
Abdominal obesity				0.006
No	60 (21.6)	65 (23.4)	153 (55)	
Yes	119 (29.8)	110 (27.5)	171 (42.8)	
Urine pH				0.546
Normal urine	44 (24.3)	49 (27.1)	88 (48.6)	
Acidic urine	135 (27.3)	124 (25.1)	235 (47.6)	
Alkaline urine	0	1 (100)	0	

HSSI: heat strain score index; H/O: history of