Table 1. Descriptive Statistics - CWS Sample of Casual Construction Workers

Variable	Craft Workers		Common Laborers		All	
	Mean	St.Dev.	Mean	St.Dev.	Mean	St.Dev.
log-wage	2.026	0.313	1.636	0.306	1.728	0.523
educational certificate°	0.266	0.443	0.042	0.201	0.198	0.399
construction experience	16.7	10.3	18.4	13.1	17.2	11.2
Skill Level:						
common laborer°					0.306	0.462
Trade Classification (for craft workers):						
mason°*	0.101	0.302			0.070	0.256
tile layer°*	0.064	0.246			0.045	0.207
plasterer°*	0.202	0.402			0.140	0.348
painter°*	0.161	0.368			0.112	0.315
joiner°*	0.124	0.330			0.112	0.316
electrician, plumber, etc.°*	0.051	0.219			0.035	0.184
form worker (reference)	0.298	0.457			0.181	0.385
Contractual Arrnangement:						
attached to a regular employer°	0.248	0.433	0.229	0.423	0.242	0.429
Type of Employer:						
construction craftsman°	0.427	0.496	0.302	0.462	0.389	0.488
building owner°	0.110	0.314	0.229	0.423	0.147	0.354
private contractor (reference)	0.463	0.499	0.448	0.500	0.465	0.499
Region of Residence:						
Greater Cairo°	0.427	0.496	0.229	0.423	0.366	0.483
Alexandria and Suez Canal°	0.133	0.340	0.052	0.223	0.108	0.311
Lower Egypt°	0.312	0.464	0.188	0.392	0.274	0.447
Upper Egypt (reference)	0.129	0.335	0.531	0.502	0.252	0.434
Community of Residence:						
urban°	0.844	0.364	0.542	0.501	0.752	0.433
index of concentration -						
of construction workers	1.855	1.040	1.090	0.948	1.621	1.071
index of construction activity	1.072	0.315	1.021	0.384	1.057	0.338
Type of Construction:						
residential construction°	0.872	0.335	0.927	0.261	0.889	0.315
Number of Observations	218		96		314	

° Indicates a dummy variable which takes the value of 1 if the definition applies to the individual, 0 otherwise.

* Indicates that the dummy variable is defined over craft workers only.

Table 2. Duration of Last Employment and Unemployment Spell
Maximum Likelihood Estimates from the Weibull Parametrization
CWS Sample of Casual Construction Workers
Dependent Variable = log-duration (§)

Name of Variable	Employment		Unemployment	
	Estimate	Std.er.	Estimate	Std.er.
constant	5.530 **	0.736	2.917 **	0.561
educational certificate°	0.081	0.306	0.140	0.242
experience in construction	0.036	0.035	-0.037	0.033
experience in construction sq./100	-0.079	0.075	0.090	0.070
Skill Classification:				
common laborer	0.026	0.331	-0.502	0.291
Trade Classification (craft workers):				
mason°	0.118	0.659	-0.065	0.335
tile layer°	-0.782	0.574	0.695	0.569
plasterer°	0.573	0.370	-0.067	0.313
painter°	0.008	0.393	0.392	0.346
joiner (carpenter)°	1.79 **	0.649	0.415	0.397
electrician, plumber, etc.°	0.920	0.761	1.421 *	0.668
Contractual Arrangement:				
attached to a regular employer°	0.939 **	0.299	-0.159	0.229
Region:				
Greater Cairo°	0.719	0.430	0.325	0.344
Alexandria and Suez Canal°	0.443	0.512	0.089	0.396
Lower Egypt°	0.306	0.321	0.757 **	0.287
Community:				
urban°	0.256	0.315	-0.213	0.263
index of concentration	-0.148	0.177	0.238	0.142
of construction workers				
index of construction activity	-1.237 **	0.325	0.416	0.313
Type of Employer:				
craftsman°	-0.913 **	0.258		
building owner°	-0.854 *	0.375		
Type of Project:				
residential construction°	-1.023 *	0.447		
scale	1.104 **	0.115	1.158 **	0.093
log-likelihood:	-285.6		-400.7	
log-likelihood without covariates:	-319.0		-422.2	
completed spells	106		167	
censored spells	208		130	

§ Employment (unemployment) durations are censored for workers who were employed
 (unemployed) at the time of the interview. All spells are truncated at 60 days.
° Indicates a dummy variable that takes the value of 1 if the definition applies to the individual,
 0 otherwise. Reference categories are shown in Table 1.
Statistically significant coefficients at the 1% (**), 5% (*) level based on a two- tailed test are marked.

Table 3. Incidence of Unemployment in Reference Year
        Maximum Likelihood Binary Probit Estimates
        CWS Sample of Casual Construction Workers
        Dependent Variable = 1 if unemployed, = 0 else

Name of Variable	Coefficient (Std.error)
Constant	3.896 (1.153)**
educational certificate°	0.864 (0.577)
experience in construction	0.029 (0.049)
experience in construction sq./100	-0.063 (0.096)
Skill Classification:	
common laborer	-0.921 (0.683)
Trade Classification:	
tile layer°	-1.095 (0.831)
plasterer°	-1.614 (0.696)*
painter°	-0.545 (0.894)
joiner (carpenter)°	-1.270 (0.715)
electrician, plumber, etc.°	-1.538 (0.822)
Contractual Arrangement:	
attached to a regular employer°	-1.505 (0.412)**
Region:	
Greater Cairo°	-0.958 (0.745)
Alexandria and Suez Canal°	-0.813 (0.820)
Lower Egypt°	-1.512 (0.642)*
Community:	
Urban°	-0.020 (0.539)
index of concentration of of construction workers	-0.243 (0.274)
index of construction activity	-0.327 (0.484)
Type of Employer:	
craftsman°	0.109 (0.369)
building owner°	-0.119 (0.664)
Type of Project:	
residential construction	1.051 (0.406)**
Log-Likelihood:	-40.356
Observations	292[#]

Statistically significant coefficients at the 1% (**), 5% (*) level based on a two- tailed test are marked.

[#] The mason dummy predicts success perfectly; thus 22 observations were dropped.

Table 4. Means of Selected Variables by Trade
      CWS Sample of Casual Construction Workers

Trade	Number in Sample	$\ln w$	μ_0	μ_1	φ (a)	φ (b)	π_0 (a)	π_0 (b)	σ_0^2	σ_1^2
form worker	65	2.04	24	37	7.56	5.97	0.499	0.398	211	584
mason	22	2.09	25	24	8.39	7.42	0.546	0.508	795	552
tile layer	14	2.20	39	46	5.69	4.30	0.56	0.462	250	2296
plasterer	44	2.11	18	74	5.49	3.96	0.264	0.198	249	1106
painter	35	2.03	31	52	5.37	4.38	0.463	0.372	1400	3312
joiner	27	1.75	30	181	2.21	1.75	0.179	0.13	705	27927
electrician, plumber, etc.	11	1.89	73	156	1.87	1.59	0.394	0.319	645	5328
laborer	96	1.64	11	42	12.2	6.97	0.324	0.2	159	700
All	314	1.91	23	61	7.76	5.33	0.383	0.291	433	3588

Table 5. Wage Equations Based on Human Capital, Trade Dummy and Compensating Differentials Models
    Least Squares Estimates
    CWS Sample of Casual Construction Workers
    Dependent Variable: Log-daily wage

	Human Capital Wage	Trade Dummy Model	Compensating Differentials Models			
			Model (1)	Model (2)	Model (3)	Model (4)
Constant	1.821	1.831	1.685	1.677	1.781	2.134
	(0.075)**	(0.079)**	(0.082)**	(0.085)**	(0.118)**	(0.184)**
Educational Certificate	0.038	0.041	0.033	0.034	0.045	0.026
	(0.047)	(0.046)	(0.046)	(0.046)	(0.047)	(0.046)
Construction Experience:						
Skilled	0.016	0.018	0.017	0.017	0.018	0.017
	(0.008)*	(0.007)*	(0.007)*	(0.007)*	(0.007)*	(0.007)*
Unskilled	0.012	0.012	0.012	0.012	0.012	0.011
	(0.008)	(0.007)	(0.008)	(0.008)	(0.008)	(0.007)
Construction Exp. Squared/100:						
Skilled	-0.018	-0.020	-0.017	-0.018	-0.02	-0.019
	(0.016)	(0.016)	(0.016)	(0.016)	(0.016)	(0.016)
Unskilled	-0.020	-0.020	-0.020	-0.020	-0.02	-0.020
	(0.016)	(0.015)	(0.015)	(0.015)	(0.015)	(0.015)
Skill Classification:						
Unskilled	-0.298	-0.308	-0.213	-0.233	-0.15	-0.276
	(0.106)**	(0.106)**	(0.106)*	(0.117)*	(0.136)	(0.117)**
Trade Classification:						
mason		0.024				
		(0.073)				
tile layer		0.186				
		(0.086)*				
plasterer		0.027				
		(0.058)				
painter		-0.033				
		(0.062)				
joiner		-0.317				
		(0.067)**				
electrician, plumber, etc		-0.096				
		(0.096)				
Compensation Terms:						
γ_1			0.333	0.271	0.750	-0.477
			(0.092)**	(0.182)	(0.38)*	(0.412)
γ_2				1.55	-8.84	-5.75
				(3.92)	(9.27)	(5.57)
γ_3					0.003	0.026
					(0.005)	(0.009)**
γ_4					-0.007	-0.017
					(0.005)	(0.006)**
Observations	314	314	314	314	315	314
R-squared	0.29	0.37	0.32	0.32	0.33	0.34

Standard errors are in parentheses.
Statistically significant coefficients at the 1% (**), 5% (*) level based on a two- tailed test are marked.

Table 6. Sizes of the Compensation Terms and Total Wage Compensation by Trade
         CWS Sample of Casual Construction Workers

Trade	Number in Sample	Model (1) $\gamma_1 \dfrac{\pi_0^2}{1-\pi_0}$	$\dfrac{w-w^*}{w^*}$	Model (2) $\gamma_1 \dfrac{\pi_0^2}{1-\pi_0}$	$\gamma_2 \dfrac{1}{\mu_1}$	$\dfrac{w-w^*}{w^*}$
form worker	65	0.166	0.180	0.135	0.042	0.193
mason	22	0.218	0.244	0.178	0.064	0.273
tile layer	14	0.237	0.268	0.193	0.034	0.255
plasterer	44	0.032	0.032	0.026	0.021	0.048
painter	35	0.133	0.142	0.108	0.030	0.147
joiner	27	0.013	0.013	0.011	0.009	0.019
electrician, plumber, etc.	11	0.085	0.089	0.069	0.010	0.082
laborer	96	0.052	0.053	0.042	0.037	0.082
All	314	0.099	0.104	0.081	0.033	0.121

Trade	Number in Sample	Model (3) $\gamma_1 \dfrac{\pi_0^2}{1-\pi_0}$	$\gamma_2 \dfrac{1}{\mu_1}$	$\gamma_3 \dfrac{1}{\mu_1}\sigma_0^2$	$\gamma_4 \dfrac{\mu_0}{\mu_1^2}\sigma_1^2$	$\dfrac{w-w^*}{w^*}$	Model (4) $\gamma_1 \dfrac{\pi_0^2}{1-\pi_0}$	$\gamma_2 \dfrac{1}{\mu_1}$	$\gamma_3 \dfrac{\kappa_0\mu_0^2}{\mu_1}$	$\gamma_4 \dfrac{\mu_0\,\kappa_1\mu_1^2}{\mu_1^2}$	$\dfrac{w-w^*}{w^*}$
form worker	65	0.373	-0.240	0.019	-0.068	0.087	-0.237	-0.156	0.555	-0.492	-0.281
mason	22	0.492	-0.365	0.108	-0.153	0.087	-0.313	-0.237	0.890	-0.505	-0.153
tile layer	14	0.535	-0.194	0.018	-0.280	0.083	-0.340	-0.126	1.157	-0.792	-0.096
plasterer	44	0.071	-0.120	0.011	-0.024	-0.059	-0.045	-0.078	0.156	-0.370	-0.286
painter	35	0.299	-0.169	0.088	-0.244	-0.025	-0.190	-0.110	0.633	-0.627	-0.254
joiner	27	0.029	-0.049	0.013	-0.149	-0.144	-0.019	-0.032	0.138	-0.545	-0.367
electrician, plumber, etc.	11	0.192	-0.057	0.014	-0.104	0.046	-0.122	-0.037	1.180	-1.478	-0.367
laborer	96	0.116	-0.211	0.013	-0.027	-0.103	-0.074	-0.137	0.090	-0.212	-0.283
All	314	0.224	-0.190	0.029	-0.093	-0.029	-0.142	-0.124	0.402	-0.458	-0.275