

APPENDIX 7
Stepwise and Multiple Regression - Shelf Reaches.

TABLE : 68. Stepwise and Multiple Regression of Shelf Reaches and Anthropometric Characteristics (N=526).

Dependent variables	1	2	3	4	5	Constant	R-square
Top shelf height reach	St (1)	1.13035				5.61398	0.42182
without obstacle	As (2)	0.80699	0.33513			1.69398	0.43621
	Elh (3)	0.43890	0.36005	0.57533		-0.20730	0.44670
	Bc (4)	0.41205	0.39148	0.58460	-0.09479	5.79204	0.45182
	Abc (5)	0.40214	0.36234	0.65283	-0.26251	6.54825	0.45548
Top shelf depth reach	Hc	Fal	Llh	Hl	Lh	Fr-1	
without obstacle	0.0564	-0.1070	0.1532	-0.0026	0.0538	0.0130	21.31289 -0.02161
	Ual	Ee	Elh	Al	Fac	Wc	As
	-0.0577	0.1189	-0.0278	-0.0132	-0.7859	-0.0457	0.1011
	Uac	Eyh	Bc	St	Abc	Fr-2	
	0.6306	-0.1084	-0.0780	-0.0419	-0.0277	0.0081	
Top shelf height reach	St (1)	1.19858				-12.35552	0.27549
with obstacle	Bc (2)	1.21622	-0.18509			0.12748	0.28809
	Eyh (3)	0.68778	-0.18907	0.61484		-5.98488	0.29600
Top shelf depth reach	Hc	Fal	Llh	Hl	Lh	Fr-1	ual
with obstacle	0.1718	-0.0830	-0.1250	0.3091	-0.1615	-0.2904	-0.5531
	Ee	Elh	Al	Fac	Wc	As	Uac
	-0.1888	0.0894	0.1208	-0.7650	0.04841	-0.0350	0.8858
	Eyh	Bc	St	Abc	Fr-2		
	0.3525	0.1983	-0.3038	-0.3194	0.0080		
Lower shelf height reach	Elh (1)	0.73412				4.26211	0.11851
without obstacle	Fr-2 (2)	0.60611	0.28404			-2.28396	0.12677
	As (3)	0.78328	0.53867	-0.24198		2.83638	0.13613
	Fac (4)	0.78514	0.56747	-0.28219	0.43948	-2.73085	0.14468
Lower shelf depth reach	As (1)	-0.1501				38.48547	0.01554
without obstacle	Hl (2)	-0.23501	0.85642			36.87655	0.02450
	St (3)	-0.38538	0.82044	0.21477		28.65350	0.03083

NOTE : * Multiple regression Beta values