APPENDIX 5
Stepwise Regression Analysis - Vertical Reaches.

TABLE : 66. Stepwise Regression of Vertical Reaches and Anthropometric Characteristics (N=526).

Dependent variables			1	2	3	4	5	6	Constant	R.square
Max. V. two handed reach	Close to wall	St (1)	1.28173						-8.63643	0.71223
		As (2)	0.79137	0.50821					-14.58079	0.75839
		Eyh (3)	0.38526	0.44877	0.53884				-19.47774	0.77334
		Fr-2 (4)	0.40921	0.33609	0.49884	0.31448			-20.14359	0.77921
		Elh (5)	0.28815	0.35343	0.35062	0.36304	0.44047		-20.41111	0.78649
		Al (6)	0.24105	0.27897	0.34631	0.34285	0.42990	0.20311	-19.97236	0.78856
	15 cm away from wall	Eyh (1)	1.22906						8.02290	0.18559
		Fr-2 (2)	0.88436	0.83310					2.31011	0.20404
		As (3)	0.72238	0.62318	0.55078				1.36232	0.21049
	30 cm away from wall	Eyh (1)	1.39782						-22.40424	0.39056
		As (2)	0.83133	0.56049					-31.24405	0.42669
		Fr-2 (3)	0.79719	0.38735	0.50547				-31.97950	0.43439
Upward one hand reach,(right hand) 15 cm away from wall	Upward reach	As (1)	1.03885						17.88663	0.27096
		Fal (2)	1.15992	-0.74915					15.89174	0.28807
		Eyh (3)	0.78789	-0.76277	0.57533				-6.11095	0.30522
		Al (4)	0.61542	-0.85835	0.55331	0.47011			-5.50411	0.30939
	Downward reach	Elh (1)	0.47860						27.87737	0.01653
		Fr-1 (2)	0.71256	-0.52236					40.57073	0.02683
	Reach span (Close to wall)	As (1)	0.89608						14.57775	0.16178
Nor. V. two handed reach	15 cm away from wall	Elh (1)	0.63816						45.31432	0.07701
		Ual (2)	0.76571	-0.54922					49.73173	0.08687
		Lh (3)	0.90709	-0.46566	-0.18113				49.75137	0.09245
	30 cm away from wall	As (1)	0.45736						31.84677	0.11001
		Fal (2)	0.34229	0.71200					33.74273	0.14366
		Fr-1 (3)	0.62556	0.69805	-0.72897				37.48504	0.17372
		Elh (4)	0.49678	0.67674	-0.71330	0.30386			28.83851	0.18062
		Ual (5)	0.58213	0.79629	-0.66301	0.28743	-0.58358		28.17730	0.18644