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micEcon

Commands

useR

micEcon

Elasticities

Demand Analysis: Commands



sen tt ous s s	 specification of the variable names: prices <- c("pMeat", "pFruit", "pCereal", "pMisc") shares <- c("wMeat", "wFruit", "wCereal", "wMisc") estimation of the "Almost Ideal Demand System": estResult <- aidsEst(prices, shares, "xFood", data = Blanciforti86) printing estimation results: print(estResult) 	micEcon Arne Henningsen and Ott Tools Main Miscellaneous Demand Analysis Commands Coefficients Elasticities	Estimation Method: Linear Approximation (LA) with Laspeyres Index (L) Estimated Coefficients alpha wMeat wFruit wCereal wMisc -0.248 0.123 0.273 0.852 beta wMeat wFruit wCereal wMisc 0.3251 0.0481 -0.0816 -0.2917 gamma pMeat pFruit pCereal pMisc wMeat 0.09104 -0.14571 -0.00963 0.0643 wFruit -0.14571 0.15852 0.00594 -0.0188 wCereal -0.00963 0.00594 0.01289 -0.0092 wMisc 0.06431 -0.01875 -0.00920 -0.0364
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<u></u> ?/	Demand Analysis: Estimated Elasticities	useR!	The End
on sen tt et	Demand Elasticities (Formula of Chalfant / Goddard) Expenditure Elasticities wMeat wFruit wCereal wMisc 2.048 1.240 0.392 0.179	micEcon Arne Henningsen and Ott Toomet	
	Marshallian (uncompensated) Price Elasticities	Tools Main	You are invited to provide
	pMeat pFruit pCereal pMisc wMeat -1.032 -0.679 -0.172 -0.165	Miscellaneous Demand	further tools for micEcon!
	wFruit -0.802 -0.257 -0.003 -0.179 wCereal 0.117 0.166 -0.822 0.147	Analysis Commands Coefficients Elasticities	
	wMisc 0.436 0.112 0.084 -0.811		Thank you for your attention!
	Hicksian (compensated) Price Elasticities pMeat pFruit pCereal pMisc wMeat -0.396 -0.269 0.103 0.562 wFruit -0.417 -0.008 0.164 0.262 wCereal 0.239 0.245 -0.770 0.287		
	wMisc 0.491 0.148 0.108 -0.747		(ロ) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2

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