

# Chapter 6

## Activity Allocation (AA) Module

### 6.5 S1 and S2 Module Parameters

If we had text for an accompanying paragraph it would go here.

Table 6.8: AA transport coefficients (per unit of production)

Commodity	Dispersion parameter (calibrated)		Buying coefficient			Selling coefficient			Interchange coefficient			Interchange name (skim file)			Exchange type	Manual size terms
	Buying	Selling	Size	Price (utils/\$)	Transport (\$/util)	Size	Price (utils/\$)	Transport (\$/util)	Coefficient1	Coefficient2	Coefficient3	Name1	Name2	Name3		
SCTG01_FKP_LVSK	68.9978	68.9978	1	-1	0.0000	1	1	0	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	P	FALSE
SCTG02_FKP_AGR1_cereal	23.0034	23.0034	1	-1	0.0001	1	1	0	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	P	FALSE
SCTG03_FKP_AGR1_other	74.7987	74.7987	1	-1	0.0000	1	1	0	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	P	FALSE
SCTG04_FKP_FEED	36.9974	23.2485	1	-1	0.0026	1	1	0.0002	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	A	TRUE
SCTG05_FKP_FOOD_meat	26.7568	100	1	-1	0.0026	1	1	0.0000	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	A	TRUE
SCTG06_FKP_AGR1_grain	27.1896	100	1	-1	0.0026	1	1	0.0002	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	A	TRUE
SCTG07_FKP_FOOD_prep	27.3568	100	1	-1	0.0026	1	1	0.0000	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	A	TRUE
SCTG08_FKP_FOOD_alc	27.6563	31.8053	1	-1	0.0026	1	1	0.0002	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	A	TRUE
SCTG10_CMS_CLAY	21.8238	21.8238	1	-1	0.0007	1	1	0	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	P	FALSE
SCTG11_CMS_SAND	7.0574	7.0574	1	-1	0.0020	1	1	0	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	P	FALSE
SCTG13_CMS_MINE_nonmet	14.7389	14.7389	1	-1	0.0006	1	1	0	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	P	FALSE
SCTG14_CMS_MINE_met	61.2701	61.2701	1	-1	0.0001	1	1	0	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	P	FALSE
SCTG15_PCC_COAL	8.5245	8.5245	1	-1	0.0010	1	1	0	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	P	FALSE
SCTG16_PCC_PETR_crude	100	100	1	-1	0.0001	1	1	0	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	P	FALSE
SCTG17_PCC_FUEL	13.3643	100	1	-1	0.0051	1	1	0.0001	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	A	TRUE
SCTG18_PCC_PETR_oil	28.2554	29.7154	1	-1	0.0026	1	1	0.0002	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	A	TRUE
SCTG19_PCC_COAL_prod	11.8544	11.8544	1	-1	0.0002	1	1	0	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	P	FALSE
SCTG20_PCC_CHEM_basic	9.9097	9.9097	1	-1	0.0004	1	1	0	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	P	FALSE
SCTG21_PCC_CHEM_pharma	26.7727	16.6837	1	-1	0.0026	1	1	0.0001	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	A	TRUE
SCTG22_PCC_CHEM_fert	26.0092	26.0092	1	-1	0.0001	1	1	0	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	P	FALSE
SCTG23_PCC_CHEM_prod	28.2607	78.8615	1	-1	0.0026	1	1	0.0000	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	A	TRUE
SCTG24_PCC_PETR_plast	68.7483	68.7483	1	-1	0.0001	1	1	0	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	P	FALSE
SCTG25_FWP_LOGS	35.6271	35.6271	1	-1	0.0002	1	1	0	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	P	FALSE
SCTG26_FWP_WOOD	29.5831	29.5831	1	-1	0.0001	1	1	0	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	P	FALSE
SCTG27_PPP_PAPR_puplp	92.3958	92.3958	1	-1	0.0001	1	1	0	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	P	FALSE
SCTG28_PPP_PAPR_paper	41.1423	41.1423	1	-1	0.0003	1	1	0	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	P	FALSE
SCTG29_PPP_PAPR_print	24.2685	100	1	-1	0.0026	1	1	0.0000	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	A	TRUE
SCTG30_OTH_CLTH	25.8516	100	1	-1	0.0026	1	1	0.0000	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	A	TRUE
SCTG31_CMS_MIN	16.5943	16.5943	1	-1	0.0004	1	1	0	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	P	FALSE
SCTG32_MIT_METL_base	48.0594	48.0594	1	-1	0.0001	1	1	0	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	P	FALSE
SCTG33_MIT_METL_prod	94.9293	94.9293	1	-1	0.0000	1	1	0	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	P	FALSE
SCTG34_MIT_MACH	100	100	1	-1	0.0000	1	1	0	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	P	FALSE
SCTG35_MIT_ELCT	100	100	1	-1	0.0000	1	1	0	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	P	FALSE
SCTG36_MIT_TRAN	100	100	1	-1	0.0005	1	1	0.0000	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	A	TRUE
SCTG37_MIT_INST_transp	100	100	1	-1	0.0000	1	1	0	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	P	FALSE
SCTG38_MIT_INST_prec	100	100	1	-1	0.0000	1	1	0	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	P	FALSE
SCTG39_OTH_FURN	100	63.3757	1	-1	0.0006	1	1	0.0001	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	A	TRUE
SCTG40_OTH_MISC	25.3545	100	1	-1	0.0026	1	1	0.0000	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	A	TRUE
SCTG41_WASTE_SCRAP	58.4197	58.4197	1	-1	0.0002	1	1	0	-0.811181	-0.233620	-0.010000	betapktrk1time	betapktrk1dist	betapktrk1toll	P	FALSE
Energy	5	5	1	-1	0	1	1	0	0	0	0	betapkautotime	none	none	C	FALSE
Retail trade	10.0222	10.0222	10	-1	0.0432	1	1	0	4.273504	0	0	s4mcls.beta	none	none	P	FALSE
Transport	100	100	1	-1	0.0009	1	1	0	-0.286950	-0.120922	-0.010000	betapkautotime	betapkautodist	betapkautotoll	P	FALSE
Wholesale trade	100	100	1	-1	0.0009	1	1	0	-0.366323	-0.120922	-0.010000	betapkautotime	betapkautodist	betapkautotoll	P	FALSE
Construction	100	100	1	-1	0	1	1	0.0018	-0.147220	-0.120922	-0.010000	betapkautotime	betapkautodist	betapkautotoll	C	FALSE
Communications and utilities	45.1372	45.1372	1	-1	0.0018	1	1	0	-0.234827	-0.120922	-0.010000	betapkautotime	betapkautodist	betapkautotoll	P	FALSE
Accommodations	100	100	1	-1	0.0018	1	1	0	-0.207426	-0.120922	-0.010000	betapkautotime	betapkautodist	betapkautotoll	P	FALSE
Personal/other services/amusements	11.5330	11.5330	1	-1	0.0879	1	1	0	3.205128	0	0	b5mcls.beta	none	none	P	FALSE
Entertainment services	1.5072	1.5072	1	-1	0.0879	1	1	0	3.205128	0	0	b5mcls.beta	none	none	P	FALSE
Food services	20	20	1	-1	0.0879	1	1	0	3.205128	0	0	b5mcls.beta	none	none	P	FALSE
Teaching K12	15	15	1	-1	0.0710	1	1	0	3.726893	0	0	c4mcls.beta	none	none	P	FALSE
Higher education	5	5	1	-1	0.0710	1	1	0	3.726893	0	0	c4mcls.beta	none	none	P	FALSE

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Commodity	Dispersion parameter (calibrated)		Size	Buying coefficient		Size	Selling coefficient		Interchange coefficient			Interchange name (skim file)			Exchange type	Manual size terms
	Buying	Selling		Price (utils/\$)	Transport (\$/util)		Price (utils/\$)	Transport (\$/util)	Coefficient1	Coefficient2	Coefficient3	Name1	Name2	Name3		
Healthservices	30	30	1	-1	0.0184	1	1	0	4.273504	0	0	o4mcls_beta	none	none	P	FALSE
FIRE business and professional services	100	100	1	-1	0	1	1	0.0010	-0.284727	-0.120922	-0.010000	betapkautotime	betapkautodist	betapkautotoll	C	FALSE
Government administration	95.0267	95.0267	1	-1	0.0184	1	1	0	0.934579	0	0	b4mcls_beta	none	none	P	FALSE
Internal services–resources	100	100	1	-1	0	1	1	0.0016	6.410256	0	0	b8mcls_beta	none	none	C	FALSE
Internal services–energy	100	100	1	-1	0	1	1	0.0016	6.410256	0	0	b8mcls_beta	none	none	C	FALSE
Internal services–construction	100	100	1	-1	0	1	1	0.0016	6.410256	0	0	b8mcls_beta	none	none	C	FALSE
Internal services–manufacturing	100	100	1	-1	0	1	1	0.0016	6.410256	0	0	b8mcls_beta	none	none	C	FALSE
Internal services–wholesale	100	100	1	-1	0	1	1	0.0016	6.410256	0	0	b8mcls_beta	none	none	C	FALSE
Internal services–retail store	100	100	1	-1	0	1	1	0.0016	6.410256	0	0	b8mcls_beta	none	none	C	FALSE
Internal services–transport	100	100	1	-1	0	1	1	0.0016	6.410256	0	0	b8mcls_beta	none	none	C	FALSE
Internal services–information	100	100	1	-1	0	1	1	0.0016	6.410256	0	0	b8mcls_beta	none	none	C	FALSE
Internal services–utilities	100	100	1	-1	0	1	1	0.0016	6.410256	0	0	b8mcls_beta	none	none	C	FALSE
Internal services–education k12	100	100	1	-1	0	1	1	0.0016	6.410256	0	0	b8mcls_beta	none	none	C	FALSE
Internal services–government	100	100	1	-1	0	1	1	0.0016	6.410256	0	0	b8mcls_beta	none	none	C	FALSE
Government support receipts	100	100	1	-1	0	1	1	0	0	0	0	betapkautotime	none	none	S	FALSE
Tax receipts	100	100	1	-1	0	1	1	0	0	0	0	betapkautotime	none	none	S	FALSE
Investing receipts	100	100	1	-1	0	1	1	0	0	0	0	betapkautotime	none	none	S	FALSE
Return investment receipts	100	100	1	-1	0	1	1	0	0	0	0	betapkautotime	none	none	S	FALSE
Capital transfer receipts	100	100	1	-1	0	1	1	0	0	0	0	betapkautotime	none	none	S	FALSE
Education reports to sponsors	100	100	1	-1	0	1	1	0	0	0	0	betapkautotime	none	none	S	FALSE
Proprietor income receipts	100	100	1	-1	0	1	1	0	1.000000	1.000000	1.000000	betapkautotime	none	none	S	FALSE
A1-Mgmt Bus	17.2394	17.2394	1	-1	0	1	1	0.0040	7.692308	0	0	w7mcls_beta	none	none	C	FALSE
B1-Prof Specialty	19.2532	19.2532	1	-1	0	1	1	0.0040	7.692308	0	0	w7mcls_beta	none	none	C	FALSE
B2-Education	2.4245	2.4245	1	-1	0	1	1	0.0057	3.846154	0	0	w4mcls_beta	none	none	C	FALSE
B3-Health	26.4340	26.4340	1	-1	0	1	1	0.0032	7.692308	0	0	w7mcls_beta	none	none	C	FALSE
B4-Technical Unskilled	7.5449	7.5449	1	-1	0	1	1	0.0100	0.961539	0	0	w1mcls_beta	none	none	C	FALSE
C1-Sales Clerical Professionals	47.7074	47.7074	1	-1	0	1	1	0.0049	3.846154	0	0	w4mcls_beta	none	none	C	FALSE
C2-Sales Service	32.7276	32.7276	1	-1	0	1	1	0.0071	3.846154	0	0	w4mcls_beta	none	none	C	FALSE
C3-Clerical	28.6620	28.6620	1	-1	0	1	1	0.0077	3.846154	0	0	w4mcls_beta	none	none	C	FALSE
C4-Sales Clerical Unskilled	42.1134	42.1134	1	-1	0	1	1	0.0111	0.961539	0	0	w1mcls_beta	none	none	C	FALSE
D1-Production Specialists	22.0283	22.0283	1	-1	0	1	1	0.0064	3.846154	0	0	w4mcls_beta	none	none	C	FALSE
D2-MaintConstRepair Specialists	20.1887	20.1887	1	-1	0	1	1	0.0057	3.846154	0	0	w4mcls_beta	none	none	C	FALSE
D3-ProtectTrans Specialists	19.9640	19.9640	1	-1	0	1	1	0.0062	3.846154	0	0	w4mcls_beta	none	none	C	FALSE
D4-Blue Collar Unskilled	23.1997	23.1997	1	-1	0	1	1	0.0085	0.961539	0	0	w1mcls_beta	none	none	C	FALSE
FLR Agriculture	5000	5000	1	-1	0	1	1	0	0	0	0	betapkautotime	betapkautodist	betapkautotoll	N	FALSE
FLR Logging	5000	5000	1	-1	0	1	1	0	0	0	0	betapkautotime	betapkautodist	betapkautotoll	N	FALSE
FLR Hospital	5	5	1	-1	0	1	1	0	0	0	0	betapkautotime	betapkautodist	betapkautotoll	N	FALSE
FLR Retail	5	5	1	-1	0	1	1	0	0	0	0	betapkautotime	betapkautodist	betapkautotoll	N	FALSE
FLR Office	5	5	1	-1	0	1	1	0	0	0	0	betapkautotime	betapkautodist	betapkautotoll	N	FALSE
FLR Heavy Industry	5	5	1	-1	0	1	1	0	0	0	0	betapkautotime	betapkautodist	betapkautotoll	N	FALSE
FLR Light Industry	5	5	1	-1	0	1	1	0	0	0	0	betapkautotime	betapkautodist	betapkautotoll	N	FALSE
FLR Warehouse	5	5	1	-1	0	1	1	0	0	0	0	betapkautotime	betapkautodist	betapkautotoll	N	FALSE
FLR Institutional	5	5	1	-1	0	1	1	0	0	0	0	betapkautotime	betapkautodist	betapkautotoll	N	FALSE
FLR Accommodation	5	5	1	-1	0	1	1	0	0	0	0	betapkautotime	betapkautodist	betapkautotoll	N	FALSE
FLR Government Support	5	5	1	-1	0	1	1	0	0	0	0	betapkautotime	betapkautodist	betapkautotoll	N	FALSE
FLR K12	5	5	1	-1	0	1	1	0	0	0	0	betapkautotime	betapkautodist	betapkautotoll	N	FALSE
FLR SFD	5	5	1	-1	0	1	1	0	0	0	0	betapkautotime	betapkautodist	betapkautotoll	N	FALSE
FLR AT	5	5	1	-1	0	1	1	0	0	0	0	betapkautotime	betapkautodist	betapkautotoll	N	FALSE
FLR MH	5	5	1	-1	0	1	1	0	0	0	0	betapkautotime	betapkautodist	betapkautotoll	N	FALSE
FLR RRMH	5	5	1	-1	0	1	1	0	0	0	0	betapkautotime	betapkautodist	betapkautotoll	N	FALSE
FLR RRSFD	5	5	1	-1	0	1	1	0	0	0	0	betapkautotime	betapkautodist	betapkautotoll	N	FALSE
FLR MF	5	5	1	-1	0	1	1	0	0	0	0	betapkautotime	betapkautodist	betapkautotoll	N	FALSE