

Problem 1		Total Subject Groups					Payoffs			Allocation Criteria					Goods Allocations
		EML	Econ	Math	Law	%	U1	U2	U3	EF	PO	U	IA	MM	
I	A B C	49	46	5											
II	47 48 5														
	A,B	188	40	113	35	0.70	49	48		EF			IA		
	A,BC	62	15	34	13	0.23	49	53			PO	U		MM	
	AC,B	5	1	3	1	0.02	54	48			PO	U			
	B,A	5	0	4	1	0.02	46	47					IA		
	BC,A	2	2	0	0	0.01	51	47							
	B,AC	1	0	0	1	0.00	46	52							
	Valid Total	263	58	154	51	0.99	# Allocations			188	67	67	193	62	
	invalid	2	0	2	0	0.01	% of Valid Total			0.71	0.25	0.25	0.73	0.24	
	no value	2	0	2	0	0.01	% of Total			0.70	0.25	0.25	0.72	0.23	
	Total	267	58	158	51	1.00									

Problem 2		Total Subject Groups					Payoffs			Allocation Criteria					Goods Allocations
		EML	Econ	Math	Law	%	U1	U2	U3	EF	PO	U	IA	MM	
I	A B C D	5	47	45	3										
II	45 5 48 2														
III	23 25 32 20														
	C,A,BD	70	21	40	9	0.26	45	45	45				IA	MM	
	B,C,AD	70	14	37	19	0.26	47	48	43	EF	PO				
	B,A,CD	34	8	18	8	0.13	47	45	52		PO			MM	
	B,AC,D	24	4	17	3	0.09	47	93	20		PO	U			
	B,A,C	21	8	11	2	0.08	47	45	32						
	B,A,D	13	2	9	2	0.05	47	45	20						
	B,AD,C	10	0	8	2	0.04	47	47	32						
	B,C,A	6	0	4	2	0.02	47	48	23						
	C,A,B	2	0	2	0	0.01	45	45	25						
	B,C,D	2	0	1	1	0.01	47	48	20						
	A,B,CD	1	0	1	0	0.00	5	5	52						
	AB,C,D	1	0	1	0	0.00	52	48	20		PO				
	AD,B,C	1	0	1	0	0.00	8	5	32						
	A,B,D	1	0	1	0	0.00	5	5	20						
	C,B,AD	1	1	0	0	0.00	45	5	43						
	BD,AC,-	1	0	0	1	0.00	50	93	0		PO				
	Valid Total	258	58	151	49	0.97	# Allocations			70	130	24	70	104	
	invalid	8	0	6	2	0.03	% of Valid Total			0.27	0.50	0.09	0.27	0.40	
	no value	1	0	1	0	0.00	% of Total			0.26	0.49	0.09	0.26	0.39	
	Total	267	58	158	51	1.00									

Problem 3		Total Subject Groups					Payoffs			Allocation Criteria					Goods Allocations
		EML	Econ	Math	Law	%	U1	U2	U3	EF	PO	U	IA	MM	
I	A B C D E	40	2	3	25	30									
II	14 26 8 26 26														
III	10 26 26 12 26														
	A,BD,CE	60	24	36		0.28	40	52	52	EF	PO			MM	
	A,DE,BC	27	8	19		0.13	40	52	52		PO			MM	
	A,BC,DE	21	6	15		0.10	40	34	38						
	A,D,C	17	6	11		0.08	40	26	26	EF					
	AE,BD,C	12	2	10		0.06	70	52	26		PO	U			
	A,B,C	11	3	8		0.05	40	26	26	EF					
	AE,D,C	9	2	7		0.04	70	26	26						
	E,CD,AB	6	2	4		0.03	30	34	36						
	D,B,C	5	0	5		0.02	25	26	26	EF			IA		
	A,CE,BD	5	1	4		0.02	40	34	38						
	BD,E,C	4	1	3		0.02	27	26	26				IA		
	AE,D,BC	3	0	3		0.01	70	26	52		PO	U			
	A,E,C	3	0	3		0.01	40	26	26	EF					
	D,B,E	3	0	3		0.01	25	26	26				IA		
	A,B,CDE	2	0	2		0.01	40	26	64						
	E,B,C	2	0	2		0.01	30	26	26	EF					
	A,B,E	2	0	2		0.01	40	26	26	EF					
	AB,D,CE	1	0	1		0.00	42	26	52						
	A,BE,CD	1	0	1		0.00	40	52	38						
	A,CD,BE	1	0	1		0.00	40	34	52						
	AB,D,C	1	0	1		0.00	42	26	26						
	A,BD,E	1	0	1		0.00	40	52	26						
	A,B,CE	1	0	1		0.00	40	26	52						
	BD,C,E	1	0	1		0.00	27	8	26						
	D,AC,B	1	0	1		0.00	25	22	26						
	B,D,A	1	0	1		0.00	2	26	10						
	B,D,E	1	0	1		0.00	2	26	26						
	D,E,B	1	0	1		0.00	25	26	26				IA		
	D,E,C	1	0	1		0.00	25	26	26				IA		
	E,D,B	1	0	1		0.00	30	26	26	EF					
	ABE,D,C	1	1	0		0.00	72	26	26						
	Valid Total	206	56	150		0.95	# Allocations			101	102	15	14	87	
	invalid	4	0	4		0.02	% of Valid Total			0.49	0.50	0.07	0.07	0.42	
	no value	6	2	4		0.03	% of Total			0.47	0.47	0.07	0.06	0.40	
	Total	216	58	158		1.00									

		Allocations					Total Subject Groups			Payoffs			Allocation Criteria					Goods Allocations
Problem 4		EML	Econ	Math	Law	%	U1	U2	U3	EF	PO	U	IA	MM				
		C,A,B	172	42	96	34	0.64	32	33	32	EF				MM			
		B,C,A	44	7	28	9	0.16	31	31	31			IA					
I		C,A,BD	12	4	5	3	0.04	32	33	39		PO	U		MM			
II		CD,A,B	9	0	7	2	0.03	39	33	32		PO	U		MM			
III		C,AD,B	6	0	5	1	0.02	32	40	32		PO	U		MM			
		B,A,C	5	2	3	0	0.02	31	33	30								
		C,BD,A	4	2	1	1	0.01	32	36	31								
		A,B,C	4	1	3	0	0.01	30	29	30								
		BC,A,D	2	0	2	0	0.01	63	33	7		PO						
		A,BD,C	2	0	1	1	0.01	30	36	30								
		CD,B,A	1	0	1	0	0.00	39	29	31								
		A,B,CD	1	0	1	0	0.00	30	29	37								
		Valid Total	262	58	153	51	0.98	# Allocations			172	29	27	44	199			
		invalid	3	0	3	0	0.01	% of Valid Total			0.66	0.11	0.10	0.17	0.76			
		no value	2	0	2	0	0.01	% of Total			0.64	0.11	0.10	0.16	0.75			
		Total	267	58	158	51	1.00											

		Allocations					Total Subject Groups			Payoffs			Allocation Criteria					Goods Allocations
Problem 5		EML	Econ	Math	Law	%	U1	U2	U3	EF	PO	U	IA	MM				
		BC,AF,DE	108	36	72		0.50	52	48	51	EF	PO	U		MM			
		BE,CF,AD	20	3	17		0.09	45	45	45				IA				
		CF,AD,BE	18	7	11		0.08	47	46	47	EF							
		C,A,E	15	5	10		0.07	32	26	30	EF							
		CD,AB,EF	9	1	8		0.04	35	33	32								
		C,AB,EF	5	0	5		0.02	32	33	32								
		BC,AD,EF	3	0	3		0.01	52	46	32								
		EF,CD,AB	3	0	3		0.01	40	43	41	EF							
		B,F,D	3	0	3		0.01	20	22	21	EF							
		AB,CD,EF	2	0	2		0.01	25	43	32								
		DE,BF,AC	2	1	1		0.01	28	29	30								
		AC,DF,BE	1	0	1		0.00	37	42	47								
		AD,BE,CF	1	0	1		0.00	8	9	8								
		B,ACF,DE	1	0	1		0.00	20	71	51			PO					
		BC,AE,DF	1	0	1		0.00	52	28	23								
		BF,AC,DE	1	0	1		0.00	35	49	51			PO					
		BF,CD,AE	1	0	1		0.00	35	43	54	EF	PO						
		BCE,AF,D	1	0	1		0.00	77	48	21		PO						
		C,AE,BDF	1	0	1		0.00	32	28	40								
		D,ABCE,F	1	0	1		0.00	3	58	2								
		AC,BF,D	1	0	1		0.00	37	29	21								
		BD,C,A	1	0	1		0.00	23	23	24								
		C,BF,E	1	0	1		0.00	32	29	30								
		C,F,D	1	0	1		0.00	32	22	21								
		E,A,C	1	0	1		0.00	25	26	6								
		E,C,A	1	0	1		0.00	25	23	24								
		AB,CE,DF	1	1	0		0.00	25	25	23								
		BC,DF,AE	1	1	0		0.00	52	42	54	EF	PO						
		C,AD,EF	1	1	0		0.00	32	46	32								
		CD,BF,E	1	1	0		0.00	35	29	30								
		Valid Total	207	57	150		0.96	# Allocations			149	113	108	20	108			
		invalid	6	0	6		0.03	% of Valid Total			0.72	0.55	0.52	0.10	0.52			
		no value	3	1	2		0.01	% of Total			0.69	0.52	0.50	0.09	0.50			
		Total	216	58	158		1.00											

		Allocations					Total Subject Groups			Payoffs			Allocation Criteria					Goods Allocations
Problem 6		EML	Econ	Math	Law	%	U1	U2	U3	EF	PO	U	IA	MM				
		D,AB,C	87	20	51	16	0.33	45	45	45				IA				
		A,BC,D	75	20	34	21	0.28	48	60	52	EF	PO			MM			
		A,C,D	49	12	32	5	0.18	48	40	52	EF							
		A,B,CD	21	2	16	3	0.08	48	20	97		PO	U					
		AB,C,D	7	1	5	1	0.03	52	40	52		PO						
		A,BD,C	7	2	2	3	0.03	48	35	45								
		A,B,C	5	0	4	1	0.02	48	20	45								
		A,C,BD	1	0	1	0	0.00	48	40	53		PO						
		A,D,BC	1	0	1	0	0.00	48	15	46								
		AC,B,D	1	0	1	0	0.00	51	20	52								
		AD,B,C	1	0	1	0	0.00	93	20	45		PO						
		A,D,C	1	0	1	0	0.00	48	15	45								
		C,D,B	1	0	1	0	0.00	3	15	1								
		D,C,AB	1	0	1	0	0.00	45	40	3								
		D,C,B	1	0	1	0	0.00	45	40	1								
		A,B,D	1	1	0	0	0.00	48	20	52								
		D,C,A	1	0	0	1	0.00	45	40	2								
		Valid Total	261	58	152	51	0.98	# Allocations			124	105	21	87	75			
		invalid	4	0	4	0	0.01	% of Valid Total			0.48	0.40	0.08	0.33	0.29			
		no value	2	0	2	0	0.01	% of Total			0.46	0.39	0.08	0.33	0.28			
		Total	267	58	158	51	1.00											

Problem 7			Allocations					Total Subject Groups			Payoffs			Allocation Criteria					Goods Allocations	
			EML	Econ	Math	Law	%	U1	U2	U3	EF	PO	U	IA	MM	EML	%			
A	B	C	A,B,C,0,5,0	147	38	81	28	0.55	45	45	45					A,B,C	223	0.85		
I	45	30	A,B,C,0,0,5	34	8	20	6	0.13	45	40	50	EF	PO			C,B,A	19	0.07		
II	35	40	C,B,A,5,0,0	10	1	7	2	0.04	30	40	50					-B,AC	15	0.06		
III	50	5	-B,AC,5,0,0	9	1	5	3	0.03	5	40	95		PO	U		A,C,-	1	0.00		
M=5			A,B,C,1,3,1	7	0	7	0	0.03	46	43	46					A,-,C	1	0.00		
			A,B,C,0,0,0	6	1	5	0	0.02	45	40	45					-B,C	1	0.00		
			A,B,C,0,2,3	5	1	3	1	0.02	45	42	48					B,A,C	1	0.00		
			A,B,C,1,2,2	4	1	1	2	0.01	46	42	47					B,C,A	1	0.00		
			C,B,A,0,0,0	3	0	3	0	0.01	25	40	50					Total	262	1.00		
			A,B,C,2,1,2	3	1	2	0	0.01	47	41	47									
			-B,AC,4,1,0	3	0	2	1	0.01	4	41	95									
			A,B,C,0,4,1	3	1	1	1	0.01	45	44	46									
			A,B,C,5,0,0	3	1	1	1	0.01	50	40	45									
			A,B,C,1.66,1.66,1.66	2	0	2	0	0.01	47	42	47									
			-B,AC,3,2,0	2	0	2	0	0.01	3	42	95									
			A,B,C,1.5,2,1.5	2	0	1	1	0.01	47	42	47									
			A,B,C,1,1,3	2	1	1	0	0.01	46	41	48									
			C,B,A,1.66,1.66,1.66	2	1	0	1	0.01	27	42	52									
			C,B,A,4,1,0	2	0	0	2	0.01	29	41	50									
			A,B,C,0,3,0	1	0	1	0	0.00	45	43	45									
			A,B,C,0,0,3	1	0	1	0	0.00	45	40	48									
			A,B,C,0,2.5,2.5	1	0	1	0	0.00	45	43	48			PO						
			A,B,C,2,2,1	1	0	1	0	0.00	47	42	46			PO						
			C,B,A,3,1,1	1	0	1	0	0.00	28	41	51			PO						
			C,B,A,0,5,0	1	0	1	0	0.00	25	45	50			PO						
			-B,AC,3.3,1.6,0	1	0	1	0	0.00	3	42	95									
			A,C,-,0,0,5	1	0	1	0	0.00	45	25	5									
			A,-,C,0,5,0	1	0	1	0	0.00	45	5	45									
			-B,C,5,0,0	1	0	1	0	0.00	5	40	45									
			A,B,C,0,3,2	1	1	0	0	0.00	45	43	47			PO						
			B,A,C,5,0,0	1	0	0	1	0.00	35	35	45									
			B,C,A,2,2,1	1	0	0	1	0.00	32	27	51			PO						
			Valid Total	262	57	154	51	0.98	# Allocations			34	236	14	147	147				
			invalid	5	1	4	0	0.02	% of Valid Total			0.13	0.90	0.05	0.56	0.56				
			no value	0	0	0	0	0.00	% of Total			0.13	0.88	0.05	0.55	0.55				
			Total	267	58	158	51	1.00												

Problem 8				Allocations					Total Subject Groups			Payoffs			Allocation Criteria					Goods Allocations	
				EML	Econ	Math	Law	%	U1	U2	U3	EF	PO	U	IA	MM	EML	%			
A	B	C	D	A,BD,C,2,2,2	24	3	17	4	0.09	47	47	47				IA	D,BC,A	86	0.33		
I	45	4	3	A,BD,C,0,0,0	20	2	14	4	0.07	45	45	45				IA	A,BD,C	60	0.23		
II	15	20	40	D,C,A,0,7,0	18	4	12	2	0.07	48	47	52	EF				D,C,A	45	0.17		
III	52	1	45	BD,C,A,0,7,0	17	5	11	1	0.06	52	47	52	EF				D,B,AC	25	0.10		
M=7				D,C,A,0,0,0	14	2	12	0	0.05	48	40	52	EF				BD,C,A	20	0.08		
				D,BC,A,4,0,3	14	1	8	5	0.05	52	60	55	EF	PO			D,C,AB	4	0.02		
				D,BC,A,5,0,2	13	5	6	2	0.05	53	60	54	EF	PO			A,BC,D	3	0.01		
				D,BC,A,6,0,1	12	5	6	1	0.04	54	60	53	EF	PO			B,C,D	2	0.01		
				A,BD,C,2,2,3	7	3	2	2	0.03	47	47	48					A,B,C	1	0.00		
				D,BC,A,2,0,5	6	3	1	2	0.02	50	60	57	EF	PO			AB,C,D	1	0.00		
				D,BC,A,3.5,0,3.5	6	3	0	3	0.02	52	60	56	EF	PO			AD,B,C	1	0.00		
				D,B,AC,3,3,1	5	0	4	1	0.02	51	23	98			PO	U	A,B,CD	1	0.00		
				D,BC,A,3,0,4	5	2	2	1	0.02	51	60	56	EF	PO			A,C,BD	1	0.00		
				D,BC,A,7,0,0	5	1	1	3	0.02	55	60	52	EF	PO			A,B,D	1	0.00		
				D,C,A,2,5,0	4	0	3	1	0.01	50	45	52	EF				A,C,D	1	0.00		
				D,B,AC,0,7,0	4	1	2	1	0.01	48	27	97			PO	U	A,D,C	1	0.00		
				A,BD,C,2.33,2.33,2.33	4	3	1	0	0.01	47	47	47					IA	C,BD,A	1	0.00	
				A,BD,C,2,3,2	3	0	1	2	0.01	47	48	47						C,B,D	1	0.00	
				D,B,AC,0,0,0	3	0	3	0	0.01	48	20	97						D,AB,C	1	0.00	
				D,BC,A,5,0,1	3	2	0	1	0.01	53	60	53	EF					D,B,C	1	0.00	
				D,BC,A,4.66,0,2.33	2	0	1	1	0.01	53	60	54	EF	PO				-,-,-	1	0.00	
				D,BC,A,3,1,3	2	0	2	0	0.01	51	61	55	EF	PO				BC,A,D	1	0.00	
				D,BC,A,2,2,2	2	0	2	0	0.01	50	62	54	EF					C,D,A	1	0.00	
				D,B,AC,2,5,0	2	0	2	0	0.01	50	25	97			PO	U		Total	260	1.00	
				D,C,AB,0,7,0	2	0	2	0	0.01	48	47	53									
				D,C,A,2,2,2	2	0	2	0	0.01	50	42	54	EF								
				D,BC,A,1,1,5	2	0	1	1	0.01	49	61	57			PO						
				D,B,AC,4,3,0	2	1	1	0	0.01	52	23	97			PO	U					
				D,B,AC,3.5,3.5,0	2	1	1	0	0.01	52	24	97			PO	U					
				D,C,A,2.33,2.33,2.33	2	1	1	0	0.01	50	42	54	EF								
				D,BC,A,5.5,0,1.5	2	2	0	0	0.01	54	60	54	EF	PO					MM		
				D,BC,A,2,1,2	2	1	0	1	0.01	50	61	54	EF								
				AB,C,D,0,7,0	1	0	1	0	0.00	49	47	2									
				AD,B,C,1,3,3	1	0	1	0	0.00	94	23	48			PO						
				A,BC,D,5,0,2	1	0	1	0	0.00	50	60	4									
				A,BC,D,2.33,2.33,2.33	1	0	1	0	0.00	47	62	4									
				A,BC,D,0,0,7	1	0	1	0	0.00	45	60	9									
				A,C,BD,2,2,2	1	0	1	0	0.00	47	42	5									

Allocations	Total	Subject Groups				Payoffs	Allocation Criteria					Goods Allocations	
A,B,CD,7,0,0	1	0	1	0	0.00	52	20	47					
A,B,C,0,0,0	1	0	1	0	0.00	45	20	45					
A,B,D,7,0,0	1	0	1	0	0.00	52	20	2					
A,C,D,0,0,0	1	0	1	0	0.00	45	40	2					
A,D,C,0,0,0	1	0	1	0	0.00	45	25	45					
BD,C,A,1,5,1	1	0	1	0	0.00	53	45	53					
BD,C,A,0,3,5,3,5	1	0	1	0	0.00	52	44	56		PO			
B,C,D,7,0,0	1	0	1	0	0.00	11	40	2					
B,C,D,0,0,0	1	0	1	0	0.00	4	40	2					
C,BD,A,3,5,3,5,0	1	0	1	0	0.00	7	49	52					
C,B,D,2,3,2	1	0	1	0	0.00	5	23	4					
D,AB,C,0,7,0	1	0	1	0	0.00	48	42	45					
D,BC,A,2,5,2,2,5	1	0	1	0	0.00	51	62	55	EF	PO			
D,BC,A,1,0,5	1	0	1	0	0.00	49	60	57					
D,BC,A,0,0,0	1	0	1	0	0.00	48	60	52	EF				
D,B,AC,5,2,0	1	0	1	0	0.00	53	22	97		PO	U		
D,B,AC,4,2,1	1	0	1	0	0.00	52	22	98		PO	U		
D,B,AC,3,2,2	1	0	1	0	0.00	51	22	99		PO	U		
D,B,AC,2,3,4,6,0	1	0	1	0	0.00	50	25	97					
D,B,C,1,2,4	1	0	1	0	0.00	49	22	49					
D,C,AB,4,3,0	1	0	1	0	0.00	52	43	53	EF				
D,C,AB,3,3,0	1	0	1	0	0.00	51	43	53	EF				
D,C,A,4,2,1	1	0	1	0	0.00	52	42	53	EF				
D,C,A,2,4,1	1	0	1	0	0.00	50	44	53	EF				
-, -, -, 2,2,2	1	0	1	0	0.00	2	2	2	EF			IA	
D,BC,A,3,5,3,5,0	1	1	0	0	0.00	52	64	52	EF	PO			
A,BD,C,2,1,4	1	1	0	0	0.00	47	46	49					
D,C,A,2,5,1,3,5	1	1	0	0	0.00	51	41	56	EF				
D,C,A,0,5,2	1	1	0	0	0.00	48	45	54	EF				
D,C,A,0,6,1	1	1	0	0	0.00	48	46	53	EF				
BD,C,A,0,0,7	1	1	0	0	0.00	52	40	59		PO			
D,BC,A,2,2,3	1	0	0	1	0.00	50	62	55	EF	PO			
D,BC,A,2,33,2,33,2,33	1	0	0	1	0.00	50	62	54	EF	PO			
D,BC,A,5,2,0	1	0	0	1	0.00	53	62	52	EF	PO			
D,BC,A,4,1,2	1	0	0	1	0.00	52	61	54	EF	PO			
D,BC,A,4,0,0	1	0	0	1	0.00	52	60	52	EF				
D,BC,A,3,0,3	1	0	0	1	0.00	51	60	55	EF				
A,BD,C,3,2,2	1	0	0	1	0.00	48	47	47					
D,B,AC,3,4,0	1	0	0	1	0.00	51	24	97		PO	U		
D,B,AC,1,6,0	1	0	0	1	0.00	49	26	97		PO	U		
D,B,AC,3,3,0	1	0	0	1	0.00	51	23	97					
BC,A,D,0,0,7	1	0	0	1	0.00	7	15	9					
C,D,A,7,0,0	1	0	0	1	0.00	10	25	52					
Valid Total	260	57	152	51	0.97	# Allocations			148	98	20	49	2
invalid	5	0	5	0	0.02	% of Valid Total			0.57	0.38	0.08	0.19	0.01
no value	2	1	1	0	0.01	% of Total			0.55	0.37	0.07	0.18	0.01
Total	267	58	158	51	1.00								

Problem 9

	A	B	C	D
I	23	40	20	17
II	2	43	1	54
III	49	4	4	43

	EML	Econ	Math	Law	%	U1	U2	U3	EF	PO	U	IA	MM
BC,D,A	91	27	45	19	0.34	60	54	49	EF	PO			
AC,B,D	80	14	49	17	0.30	43	43	43				IA	
B,D,A	47	13	29	5	0.18	40	54	49	EF				
C,BD,A	11	1	7	3	0.04	20	97	49		PO	U		
B,D,AC	6	3	1	2	0.02	40	54	53		PO			
B,A,D	3	0	3	0	0.01	40	2	43					
C,D,A	3	0	3	0	0.01	20	54	49					
CD,B,A	3	0	2	1	0.01	37	43	49					
C,B,A	2	0	1	1	0.01	20	43	49					
A,B,D	2	0	0	2	0.01	23	43	43					
AB,C,D	1	0	1	0	0.00	63	1	43		PO			
A,B,CD	1	0	1	0	0.00	23	43	47					
BD,C,A	1	0	1	0	0.00	57	1	49					
B,AC,D	1	0	1	0	0.00	40	3	43					
B,CD,A	1	0	1	0	0.00	40	55	49	EF	PO			
B,A,C	1	0	1	0	0.00	40	2	4					
B,D,C	1	0	1	0	0.00	40	54	4					
C,D,AB	1	0	1	0	0.00	20	54	53					
D,BC,A	1	0	1	0	0.00	17	44	49					
D,B,A	1	0	1	0	0.00	17	43	49					
-,AB,CD	1	0	1	0	0.00	0	45	47					
-,D,A	1	0	1	0	0.00	0	54	49					
AD,C,B	1	0	0	1	0.00	40	1	4					
Valid Total	261	58	152	51	0.98	# Allocations			139	110	11	80	91
invalid	3	0	3	0	0.01	% of Valid Total			0.53	0.42	0.04	0.31	0.35
no value	3	0	3	0	0.01	% of Total			0.52	0.41	0.04	0.30	0.34
Total	267	58	158	51	1.00								

Problem 10			Allocations					Total Subject Groups			Payoffs			Allocation Criteria					Goods Allocations		
			EML	Econ	Math	Law	%	U1	U2	U3	EF	PO	U	IA	MM	EML	%				
	A	B	C	C,B,A,0,9,0	57	7	35	15	0.21	44	45	44		PO				C,B,A	198	0.76	
I	53	3	44	C,B,A,0,8,0	50	10	35	5	0.19	44	44	44				IA		A,B,C	31	0.12	
II	35	36	29	C,B,A,9,0,0	23	7	11	5	0.09	53	36	44		PO				AC,B,-	11	0.04	
III	44	30	25	C,B,A,1,8,0	15	7	6	2	0.06	45	44	44		PO				C,A,B	9	0.03	
				C,B,A,3,3,3	9	0	9	0	0.03	47	39	47		PO				A,C,B	5	0.02	
				A,B,C,0,0,9	9	0	6	3	0.03	53	36	34		PO				ABC,-,-	1	0.00	
				C,B,A,0,33,8,33,0,33	9	9	0	0	0.03	44	44	44		PO		IA	MM	B,A,C	1	0.00	
				C,B,A,4,3,2	5	0	4	1	0.02	48	39	46		PO				-B,A	1	0.00	
				C,A,B,3,3,3	5	0	4	1	0.02	47	38	33						B,C,-	1	0.00	
				AC,B,-,0,0,9	4	0	3	1	0.01	97	36	9		PO	U			A,B,-	1	0.00	
				A,B,C,0,2,7	4	0	2	2	0.01	53	38	32		PO				-,-,-	1	0.00	
				C,B,A,0,0,0	4	2	2	0	0.01	44	36	44						Total	260	1.00	
				C,B,A,5,2,2	4	3	1	0	0.01	49	38	46		PO							
				A,B,C,9,0,0	3	0	3	0	0.01	62	36	25		PO							
				A,B,C,3,3,3	3	1	2	0	0.01	56	39	28		PO							
				C,B,A,6,3,0	3	1	1	1	0.01	50	39	44		PO							
				AC,B,-,0,3,6	3	1	0	2	0.01	97	39	6		PO	U						
				A,B,C,0,0,0	2	0	2	0	0.01	53	36	25									
				A,B,C,2,2,5	2	0	1	1	0.01	55	38	30		PO							
				A,B,C,1,3,5	2	0	1	1	0.01	54	39	30		PO							
				A,B,C,0,9,0	2	1	1	0	0.01	53	45	25		PO							
				C,B,A,0,5,8,0,5	2	1	1	0	0.01	45	44	45		PO							
				C,B,A,4,5,0	2	1	0	1	0.01	48	41	44		PO							
				A,B,C,0,1,8	2	1	0	1	0.01	53	37	33		PO							
				ABC,-,-,9,0,0	1	0	1	0	0.00	109	0	0		PO							
				AC,B,-,0,4,5	1	0	1	0	0.00	97	40	5		PO	U						
				AC,B,-,0,2,7	1	0	1	0	0.00	97	38	7		PO	U						
				AC,B,-,0,1,8	1	0	1	0	0.00	97	37	8		PO	U						
				A,B,C,8,0,1	1	0	1	0	0.00	61	36	26		PO							
				A,C,B,2,4,3	1	0	1	0	0.00	55	33	33		PO							
				A,C,B,1,3,5	1	0	1	0	0.00	54	32	35		PO							
				A,C,B,0,9,0	1	0	1	0	0.00	53	38	30									
				A,C,B,0,5,4	1	0	1	0	0.00	53	34	34									
				A,B,-,0,0,9	1	0	1	0	0.00	53	36	9									
				B,A,C,0,9,0	1	0	1	0	0.00	3	44	25									
				B,C,-,0,0,9	1	0	1	0	0.00	3	29	9									
				C,A,B,9,0,0	1	0	1	0	0.00	53	35	30									
				C,A,B,2,1,6	1	0	1	0	0.00	46	36	36									
				C,B,A,6,0,0	1	0	1	0	0.00	50	36	44									
				C,B,A,3,5,2,3,5	1	0	1	0	0.00	48	38	48		PO							
				C,B,A,1,7,1	1	0	1	0	0.00	45	43	45		PO							
				C,B,A,1,6,1	1	0	1	0	0.00	45	42	45									
				C,B,A,1,4,3	1	0	1	0	0.00	45	40	47									
				C,B,A,0,0,9	1	0	1	0	0.00	44	36	53		PO							
				-B,A,9,0,0	1	0	1	0	0.00	9	36	44									
				-,-,-,3,3,3	1	0	1	0	0.00	3	3	3		EF			IA				
				C,B,A,8,33,0,33,0,33	1	1	0	0	0.00	52	36	44		PO							
				C,B,A,7,2,0	1	1	0	0	0.00	51	38	44		PO							
				C,B,A,5,0,4	1	1	0	0	0.00	49	36	48		PO							
				C,B,A,3,6,0	1	1	0	0	0.00	47	42	44		PO							
				C,B,A,2,7,0	1	1	0	0	0.00	46	43	44		PO							
				AC,B,-,1,3,5	1	1	0	0	0.00	98	39	5		PO	U						
				C,B,A,4,2,5,2,5	1	0	0	1	0.00	48	39	47		PO							
				C,B,A,0,5,0	1	0	0	1	0.00	44	41	44									
				C,B,A,5,4,0	1	0	0	1	0.00	49	40	44		PO							
				C,B,A,3,4,2	1	0	0	1	0.00	47	40	46		PO							
				A,B,C,1,1,7	1	0	0	1	0.00	54	37	32		PO							
				C,A,B,0,9,0	1	0	0	1	0.00	44	44	30									
				C,A,B,0,0,0	1	0	0	1	0.00	44	35	30									
				A,C,B,0,4,5	1	0	0	1	0.00	53	33	35									
				Valid Total	260	58	152	50	0.97	# Allocations			1	183	11	60	9				
				invalid	6	0	5	1	0.02	% of Valid Total			0.00	0.70	0.04	0.23	0.03				
				no value	1	0	1	0	0.00	% of Total			0.00	0.69	0.04	0.22	0.03				
				Total	267	58	158	51	1.00												