

Tarrason,L. et al. (2003) EMEP/MSC-W Status Report 1/2003 -
Part III: Source-Receptor Relationships.
EMEP Status Report 2003. ISSN 0806-4520

Corrigendum

The following misprints have been detected in EMEP/MSC-W Report 1/2003
- Part III after printing:

1. **SR table A.6 on page A:12 and A:13** has been calculated with 100% emission reduction instead of 25% emission reduction.
2. **SR table A.7 on page A:14 and A:15** has been calculated with 100% emission reduction instead of 25% emission reduction.

The correct tables are:

Table A.6: 2000 country-to-country blame matrices for **Nitrogen dep.** (ox+red).Units: 100 tonnes of N per 25% emis. red. of SO_x+NO_x.

Emitters →, Receptors ↓.

	AL	AM	AT	BA	BE	BG	BY	CH	CY	CZ	DE	DK	EE	ES	FI	FR	GB	GE	GR	HR	HU	IE	IS	IT	KZ	LT	
AL	1	0	0	0	0	1	0	0	0	0	1	0	0	1	0	1	0	0	4	0	0	0	0	8	0	0	AL
AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	AM
AT	0	0	17	1	2	0	0	4	0	7	31	0	0	4	0	11	4	0	0	2	2	0	0	36	0	0	AT
BA	0	0	2	6	0	1	0	0	0	3	5	0	0	4	0	4	1	0	1	3	2	0	0	24	0	0	BA
BE	0	0	0	0	9	0	0	0	0	0	6	0	0	4	0	13	8	0	0	0	0	0	0	1	0	0	BE
BG	1	0	1	1	1	19	0	0	0	3	6	0	0	2	0	3	1	0	8	1	3	0	0	10	0	0	BG
BY	0	0	2	1	2	2	13	1	0	8	21	3	1	3	2	8	6	0	1	1	4	0	0	8	0	3	BY
CH	0	0	1	0	1	0	0	6	0	0	5	0	0	6	0	14	2	0	0	0	0	0	0	18	0	0	CH
CY	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	CY
CZ	0	0	8	1	3	0	0	2	0	32	41	1	0	3	0	12	6	0	0	1	4	0	0	11	0	0	CZ
DE	0	0	8	1	33	0	0	10	0	22	246	5	0	24	0	101	59	0	0	1	2	3	0	29	0	0	DE
DK	0	0	0	0	3	0	0	0	0	1	13	4	0	3	0	8	15	0	0	0	0	1	0	1	0	0	DK
EE	0	0	0	0	1	0	1	0	0	1	7	2	1	1	3	3	3	0	0	0	1	0	0	2	0	1	EE
ES	0	0	0	0	1	0	0	0	0	0	3	0	0	207	0	19	8	0	0	0	0	1	0	6	0	0	ES
FI	0	0	2	0	4	0	3	1	0	5	22	5	4	2	38	9	14	0	0	0	2	1	0	5	0	2	FI
FR	0	0	1	1	14	0	0	4	0	2	34	1	0	142	0	219	45	0	0	1	1	3	0	38	0	0	FR
GB	0	0	0	0	5	0	0	0	0	1	9	2	0	11	0	24	120	0	0	0	0	0	0	2	0	0	GB
GE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	GE
GR	1	0	1	1	0	7	0	0	0	2	4	0	0	2	0	3	1	0	32	1	1	0	0	12	0	0	GR
HR	0	0	3	3	0	1	0	1	0	2	6	0	0	4	0	5	1	0	1	4	2	0	0	27	0	0	HR
HU	0	0	5	2	1	1	0	1	0	7	12	0	0	3	0	6	2	0	1	3	12	0	0	20	0	0	HU
IE	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	2	11	0	0	0	0	7	0	0	0	0	IE
IS	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	3	0	0	0	0	0	1	0	0	0	IS
IT	1	0	5	3	2	1	0	5	0	4	17	0	0	29	0	39	4	0	4	4	2	0	0	222	0	0	IT
KZ	0	0	1	0	1	1	2	0	0	2	5	1	0	1	1	3	2	1	1	0	1	0	0	4	6	0	KZ
LT	0	0	1	0	1	0	1	0	0	3	11	3	0	1	1	3	4	0	0	0	1	0	0	3	0	3	LT
LU	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	LU
LV	0	0	1	0	1	0	1	0	0	2	10	3	1	1	2	3	4	0	0	0	1	0	0	3	0	2	LV
MD	0	0	0	0	0	1	0	0	0	1	2	0	0	0	0	1	0	0	1	0	1	0	0	1	0	0	MD
MK	1	0	0	0	0	2	0	0	0	0	1	0	0	1	0	1	0	0	3	0	0	0	0	4	0	0	MK
NL	0	0	0	0	4	0	0	0	0	0	5	0	0	3	0	8	13	0	0	0	0	1	0	1	0	0	NL
NO	0	0	1	0	7	0	1	0	0	3	29	10	0	5	2	16	38	0	0	0	1	2	0	2	0	0	NO
PL	0	0	9	2	8	1	2	3	0	40	101	8	0	6	1	26	22	0	1	3	12	1	0	23	0	1	PL
PT	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	2	1	0	0	0	0	0	0	0	0	0	PT
RO	1	0	5	4	1	10	1	1	0	9	18	1	0	5	0	8	4	0	5	3	11	0	0	25	0	0	RO
RU	1	1	12	5	14	13	42	6	0	34	106	18	14	16	61	48	48	7	8	4	18	2	0	49	12	12	RU
SE	0	0	3	1	9	1	3	2	0	10	56	18	1	6	11	25	36	0	1	1	3	2	0	10	0	2	SE
SI	0	0	2	0	0	0	0	0	0	1	3	0	0	2	0	2	0	0	0	2	1	0	0	15	0	0	SI
SK	0	0	4	1	1	1	0	1	0	9	11	0	0	2	0	4	2	0	1	2	11	0	0	10	0	0	SK
TR	1	1	1	1	1	8	2	1	3	3	7	1	0	4	0	5	2	2	17	1	2	0	0	14	1	0	TR
UA	1	0	6	4	4	11	9	2	0	19	39	4	1	7	2	15	10	1	7	3	15	0	0	29	1	2	UA
YU	1	0	2	3	1	3	0	1	0	4	8	0	0	3	0	4	1	0	3	2	5	0	0	21	0	0	YU
BAS	0	0	4	1	9	1	3	2	0	13	67	15	2	8	11	26	28	0	1	1	4	1	0	15	0	2	BAS
NOS	0	0	2	0	26	0	1	2	0	7	77	14	0	28	1	79	240	0	0	0	1	12	0	10	0	0	NOS
ATL	0	0	3	1	24	1	3	3	0	10	84	22	2	138	22	112	277	0	0	1	3	37	12	17	0	1	ATL
MED	4	0	12	7	7	17	1	6	5	12	46	2	0	156	0	105	19	0	91	7	7	1	0	272	0	0	MED
BLS	1	0	2	1	1	12	2	1	0	4	12	1	0	2	1	5	3	1	8	1	3	0	0	13	0	0	BLS
MT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	MT
EU	2	0	38	7	89	11	7	27	0	53	448	38	6	452	50	486	338	0	37	8	13	27	1	364	0	4	EU
EMC	10	3	104	42	135	85	81	52	4	240	904	90	23	533	124	681	502	13	100	43	121	33	1	694	20	28	EMC
	AL	AM	AT	BA	BE	BG	BY	CH	CY	CZ	DE	DK	EE	ES	FI	FR	GB	GE	GR	HR	HU	IE	IS	IT	KZ	LT	

APPENDIX A. 2000 SOURCE-RECEPTOR RELATIONSHIPS 13

Table A.6 Cont.: 2000 country-to-country blame matrices for **Nitrogen dep.**
 (ox+red). Units: 100 tonnes of N per 25% emis. red. of SO_x+NO_x.

Emitters →, Receptors ↓.

	LU	LV	MD	MK	NL	NO	PL	PT	RO	RU	SE	SI	SK	TR	UA	YU	BAS	NOS	ATL	MED	BLS	ASI	
AL	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	7	0	0	AL
AM	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0	1	AM
AT	0	0	0	0	3	0	2	0	1	0	0	5	1	0	0	0	0	2	1	5	0	0	AT
BA	0	0	0	0	1	0	2	0	1	0	0	1	1	0	0	1	0	1	1	9	0	0	BA
BE	0	0	0	0	3	0	0	1	0	0	0	0	0	0	0	0	0	5	2	0	0	0	BE
BG	0	0	0	2	1	0	5	0	15	3	0	0	1	3	3	1	0	1	0	6	2	0	BG
BY	0	1	0	0	3	1	36	0	5	15	3	1	3	2	6	1	6	4	1	2	1	0	BY
CH	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1	3	0	0	CH
CY	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	CY
CZ	0	0	0	0	4	0	9	0	1	1	0	2	2	0	0	0	1	3	1	2	0	0	CZ
DE	3	0	0	0	42	2	14	3	1	1	2	1	1	0	0	0	6	35	11	6	0	0	DE
DK	0	0	0	0	5	1	2	0	0	1	1	0	0	0	0	0	3	8	3	0	0	0	DK
EE	0	1	0	0	2	1	5	0	1	4	2	0	0	0	1	0	6	2	1	0	0	0	EE
ES	0	0	0	0	1	0	0	38	0	0	0	0	0	0	0	0	0	3	31	30	0	0	ES
FI	0	2	0	0	6	5	15	0	2	23	15	0	1	0	3	0	22	8	2	1	0	0	FI
FR	1	0	0	0	12	1	2	16	0	0	1	1	0	0	0	0	1	26	36	31	0	0	FR
GB	0	0	0	0	6	2	2	2	0	0	1	0	0	0	0	0	1	25	20	1	0	0	GB
GE	0	0	0	0	0	0	0	0	0	4	0	0	0	6	1	0	0	0	0	0	0	1	GE
GR	0	0	0	1	1	0	2	0	5	2	0	0	1	6	2	1	0	0	0	21	1	0	GR
HR	0	0	0	0	1	0	2	0	1	0	0	1	1	0	0	1	0	1	1	9	0	0	HR
HU	0	0	0	0	2	0	7	0	2	1	0	2	4	0	0	1	0	1	1	5	0	0	HU
IE	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0	IE
IS	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	IS
IT	0	0	0	0	3	0	3	3	1	1	0	3	1	1	0	1	0	2	4	66	0	0	IT
KZ	0	0	0	0	1	0	6	0	3	68	1	0	1	8	9	0	1	1	1	2	1	3	KZ
LT	0	1	0	0	2	1	13	0	1	3	2	0	1	0	1	0	5	3	1	1	0	0	LT
LU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	LU
LV	0	2	0	0	2	1	10	0	1	4	3	0	1	0	1	0	6	3	1	1	0	0	LV
MD	0	0	1	0	0	0	2	0	4	1	0	0	0	1	1	0	0	0	0	1	1	0	MD
MK	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	MK
NL	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	7	2	0	0	0	NL
NO	0	0	0	0	11	16	7	1	0	4	9	0	0	0	0	0	9	20	6	1	0	0	NO
PL	1	0	0	0	14	2	113	1	4	4	5	3	7	0	2	1	14	14	4	5	0	0	PL
PT	0	0	0	0	0	0	0	28	0	0	0	0	0	0	0	0	0	0	12	2	0	0	PT
RO	0	0	1	1	3	0	17	1	48	6	1	1	5	3	4	4	1	2	1	10	2	0	RO
RU	1	9	3	2	23	14	114	2	34	894	31	3	12	54	98	4	47	27	10	17	9	7	RU
SE	0	1	0	0	16	11	30	1	3	11	38	1	2	1	4	1	35	24	6	2	0	0	SE
SI	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3	0	0	SI
SK	0	0	0	0	1	0	11	0	2	1	0	1	6	0	0	1	0	1	0	2	0	0	SK
TR	0	0	1	1	1	1	7	0	10	28	1	0	1	239	13	1	1	1	1	38	11	8	TR
UA	0	1	2	1	6	2	60	1	30	49	4	2	11	18	38	3	6	6	2	13	7	1	UA
YU	0	0	0	2	1	0	5	0	3	1	0	1	2	1	1	4	0	1	1	8	0	0	YU
BAS	0	2	0	0	15	4	39	1	3	11	18	1	3	1	3	1	38	18	5	3	0	0	BAS
NOS	1	0	0	0	39	16	10	5	0	1	5	0	0	0	0	0	10	94	35	3	0	0	NOS
ATL	1	1	0	0	40	53	23	62	2	53	24	1	2	0	3	0	24	91	402	18	0	0	ATL
MED	0	0	1	3	10	2	13	15	15	13	1	4	3	93	7	3	2	10	25	526	7	2	MED
BLS	0	0	1	1	2	1	11	0	17	42	1	1	2	42	12	1	2	2	1	11	15	1	BLS
MT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	MT
EU	6	3	1	2	110	24	74	95	13	40	59	11	7	8	10	4	69	149	137	166	2	0	EU
EMC	6	18	8	12	189	62	505	99	181	1131	120	32	66	348	188	26	171	241	171	313	35	21	EMC

Table A.7: 2000 country-to-country blame matrices for **Nitrogen dep.** (ox+red).Units: 100 tonnes of N per 25% emis. red. of NH₃.

Emitters →, Receptors ↓.

	AL	AM	AT	BA	BE	BG	BY	CH	CY	CZ	DE	DK	EE	ES	FI	FR	GB	GE	GR	HR	HU	IE	IS	IT	KZ	LT		
AL	16	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	3	0	0	0	0	3	0	0	AL	
AM	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	AM	
AT	0	0	42	0	1	0	0	7	0	5	36	0	0	3	0	7	1	0	0	1	3	0	0	29	0	0	AT	
BA	1	0	1	16	0	1	0	0	0	1	2	0	0	2	0	2	0	0	1	3	2	0	0	11	0	0	BA	
BE	0	0	0	0	42	0	0	0	0	0	6	0	0	2	0	27	4	0	0	0	0	0	0	1	0	0	BE	
BG	2	0	1	1	0	30	1	0	0	1	2	0	0	1	0	1	0	0	8	0	2	0	0	6	0	0	BG	
BY	0	0	1	1	1	1	110	1	0	3	12	2	0	2	0	4	1	0	1	1	3	0	0	5	0	4	BY	
CH	0	0	0	0	1	0	0	50	0	0	5	0	0	4	0	19	1	0	0	0	0	0	0	15	0	0	CH	
CY	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	CY	
CZ	0	0	12	0	1	0	0	3	0	36	41	1	0	2	0	7	1	0	0	1	2	0	0	7	0	0	CZ	
DE	0	0	10	0	32	0	1	28	0	9	551	8	0	15	0	99	18	0	0	0	1	2	0	18	0	0	DE	
DK	0	0	0	0	2	0	0	0	0	1	20	43	0	2	0	7	3	0	0	0	0	1	0	1	0	0	DK	
EE	0	0	0	0	0	0	2	0	0	0	4	1	4	0	0	2	0	0	0	0	1	0	0	1	0	1	EE	
ES	0	0	0	0	0	0	0	0	0	0	1	0	0	316	0	20	1	0	0	0	0	0	0	3	0	0	ES	
FI	0	0	1	0	1	0	5	1	0	2	13	4	2	1	27	4	2	0	0	0	1	0	0	3	0	2	FI	
FR	0	0	1	0	14	0	0	9	0	1	18	1	0	105	0	758	12	0	0	0	0	4	0	23	0	0	FR	
GB	0	0	0	0	4	0	0	0	0	0	6	2	0	7	0	39	221	0	0	0	0	25	0	1	0	0	GB	
GE	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	0	0	0	0	0	0	0	0	GE	
GR	6	0	0	1	0	6	0	0	0	0	1	0	0	1	0	1	0	0	44	0	1	0	0	5	0	0	GR	
HR	0	0	2	5	0	1	0	1	0	1	3	0	0	2	0	2	0	0	0	10	3	0	0	15	0	0	HR	
HU	0	0	6	3	0	1	0	1	0	3	7	0	0	2	0	3	0	0	1	5	31	0	0	14	0	0	HU	
IE	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	4	10	0	0	0	0	97	0	0	0	0	IE	
IS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	IS	
IT	1	0	3	2	1	1	0	5	0	1	7	0	0	17	0	19	1	0	2	2	2	0	0	331	0	0	IT	
KZ	0	1	0	0	0	1	3	0	0	0	2	0	0	1	0	1	0	6	0	0	1	0	0	2	11	0	KZ	
LT	0	0	1	0	0	0	7	0	0	1	7	2	0	1	0	2	1	0	0	0	1	0	0	2	0	14	LT	
LU	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	LU	
LV	0	0	0	0	0	0	5	0	0	1	5	1	0	1	0	2	0	0	0	0	1	0	0	1	0	4	LV	
MD	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	MD	
MK	5	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	2	0	0	MK	
NL	0	0	0	0	20	0	0	0	0	0	15	0	0	2	0	15	6	0	0	0	0	1	0	1	0	0	NL	
NO	0	0	1	0	3	0	1	0	0	1	20	12	0	3	1	11	8	0	0	0	1	1	0	1	0	0	NO	
PL	0	0	7	1	4	1	8	3	0	25	74	8	0	4	0	17	6	0	1	2	7	1	0	13	0	1	PL	
PT	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	2	0	0	0	0	0	0	0	0	0	0	PT	
RO	2	0	3	4	1	10	2	1	0	3	10	1	0	4	0	4	1	0	5	2	14	0	0	16	0	0	RO	
RU	2	6	7	3	4	8	80	5	0	12	57	12	5	9	14	19	4	67	4	3	13	1	0	27	8	11	RU	
SE	0	0	2	0	4	1	5	1	0	4	36	18	0	3	4	14	5	0	0	0	2	1	0	5	0	2	SE	
SI	0	0	2	0	0	0	0	0	0	0	2	0	0	1	0	1	0	0	0	2	1	0	0	11	0	0	SI	
SK	0	0	4	1	0	0	0	1	0	5	6	0	0	1	0	2	0	0	0	1	10	0	0	6	0	0	SK	
TR	2	5	1	1	0	5	2	0	1	1	3	0	0	3	0	3	0	10	8	0	1	0	0	9	0	0	TR	
UA	2	0	3	3	1	8	28	1	0	6	21	2	0	5	0	7	2	3	5	2	13	0	0	18	0	2	UA	
YU	4	0	1	6	0	3	0	0	0	1	3	0	0	2	0	2	0	0	2	2	5	0	0	11	0	0	YU	
BAS	0	0	3	1	5	1	9	2	0	5	61	34	2	4	6	17	6	0	0	1	3	1	0	8	0	4	BAS	
NOS	0	0	2	0	32	0	1	3	0	3	86	32	0	18	0	144	122	0	0	0	1	14	0	6	0	0	NOS	
ATL	0	0	2	0	13	0	5	2	0	4	50	16	1	86	5	150	113	0	0	1	2	87	4	7	0	1	ATL	
MED	11	0	5	7	2	10	2	4	3	3	13	1	0	110	0	70	3	1	31	5	5	1	0	150	0	0	MED	
BLS	2	1	1	1	0	8	5	1	0	1	4	1	0	2	0	2	0	10	4	1	2	0	0	9	0	0	BLS	
MT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	MT
EU	8	0	60	4	123	9	12	54	0	23	712	77	2	488	32	1018	283	1	47	5	11	132	0	421	0	4	EU	
EMC	43	30	112	48	138	82	261	118	2	124	999	118	11	539	46	1131	310	151	89	37	123	134	1	618	19	41	EMC	
	AL	AM	AT	BA	BE	BG	BY	CH	CY	CZ	DE	DK	EE	ES	FI	FR	GB	GE	GR	HR	HU	IE	IS	IT	KZ	LT		

