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METEOROLOGISKE DATA FRA NEDRE TELEMARK VINTER 1978/1979

AV

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INNHOLDSFORTEGNELSE

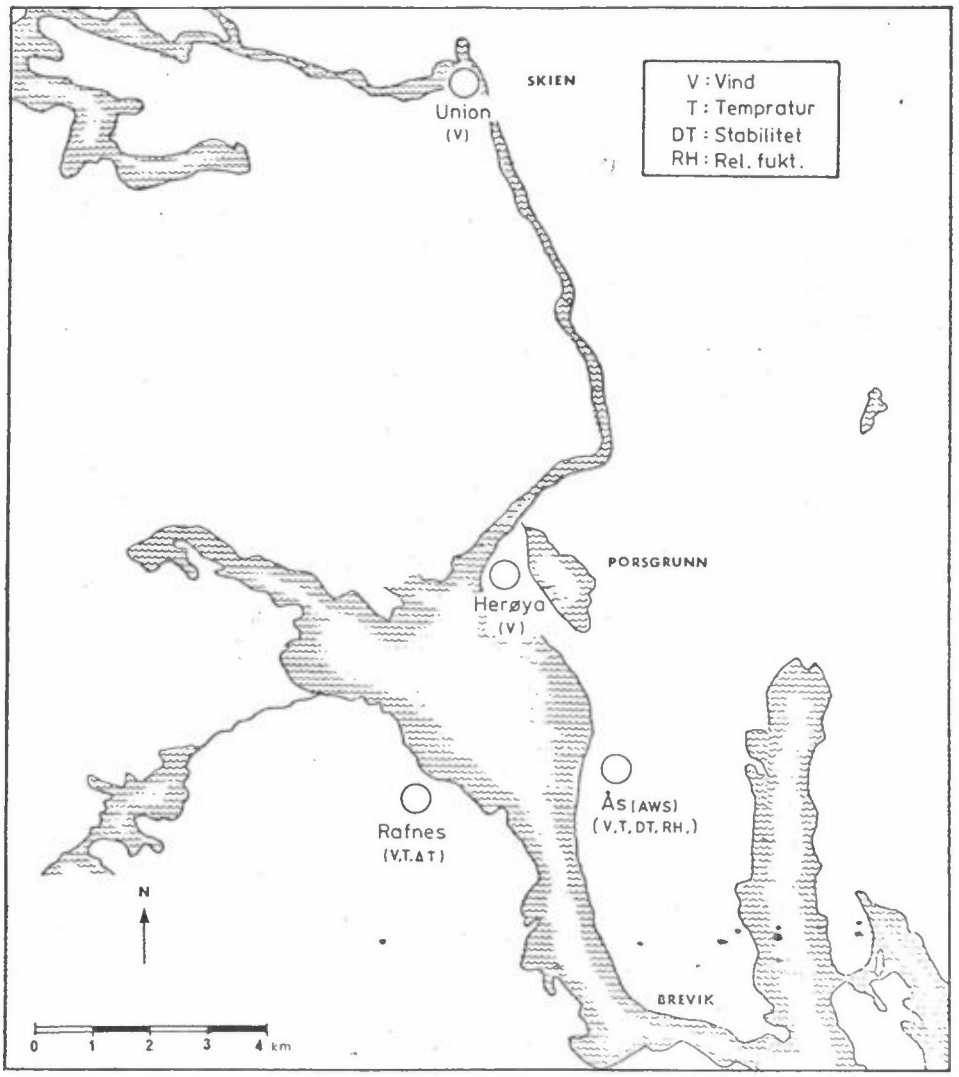
METEOROLOGISKE DATA FRA NEDRE TELEMARK VINTEREN 1978/1979

1 INNLEDNING

Denne presentasjonen av meteorologiske data fra nedre Telemark i perioden 1.12.78-28.2.79 (vinter), er et ledd i det koordinerte måleprogram av meteorologi og spredningsforhold i området. Bearbeidelsen er utført på oppdrag fra Norsk Hydro Rafnes, Porsgrunn Fabrikker Herøya og Statens Forurensningstilsyn, kontrollseksjonen nedre Telemark, og er en videreføring av tidligere tilsendte data (1)(2)(3)(4)(5)(6).

2 INSTRUMENTERING, STASJONSPLASSERING

Målestasjonenes plassering er angitt i figur 1.



Figur 1: Lokalisering av meteorologiske målestasjoner i nedre Telemark.

Følgende instrumentering er anvendt ved de forskjellige stasjonene:

Ås: NILU automatiske værstasjon (AWS) med 25 m høy mast hvor det timevis måles: vindretning og vindstyrke (i 25 m), temperatur og relativ fuktighet (i 3 m), stabilitet (temperaturforskjell mellom 25 og 10 m). Stasjonen er plassert 90 m.oh.

Union, Skien: Vindskriver av type Lambrecht nach Woelfle, hvor det leses av timesverdier av vindretning og vindstyrke. Måleren er plassert på en 10 m mast på toppen av en bygning, ca 40 m.oh.

Herøya: Vindskriver av type Lambrecht nach Woelfle ca 30 m.oh., inne på industriområdet.

Rafnes: Vindfølere (type Lambrecht) og temperatur-følere i strålingsskjermer (NILU type PT-1000) langs 25 m mast ved VCM kai. Dataregistrering kontinuerlig på papirskrivere (forsterkere og skriver fra Siemens). Data avleses og punches timevis.

3 DATAKVALITET

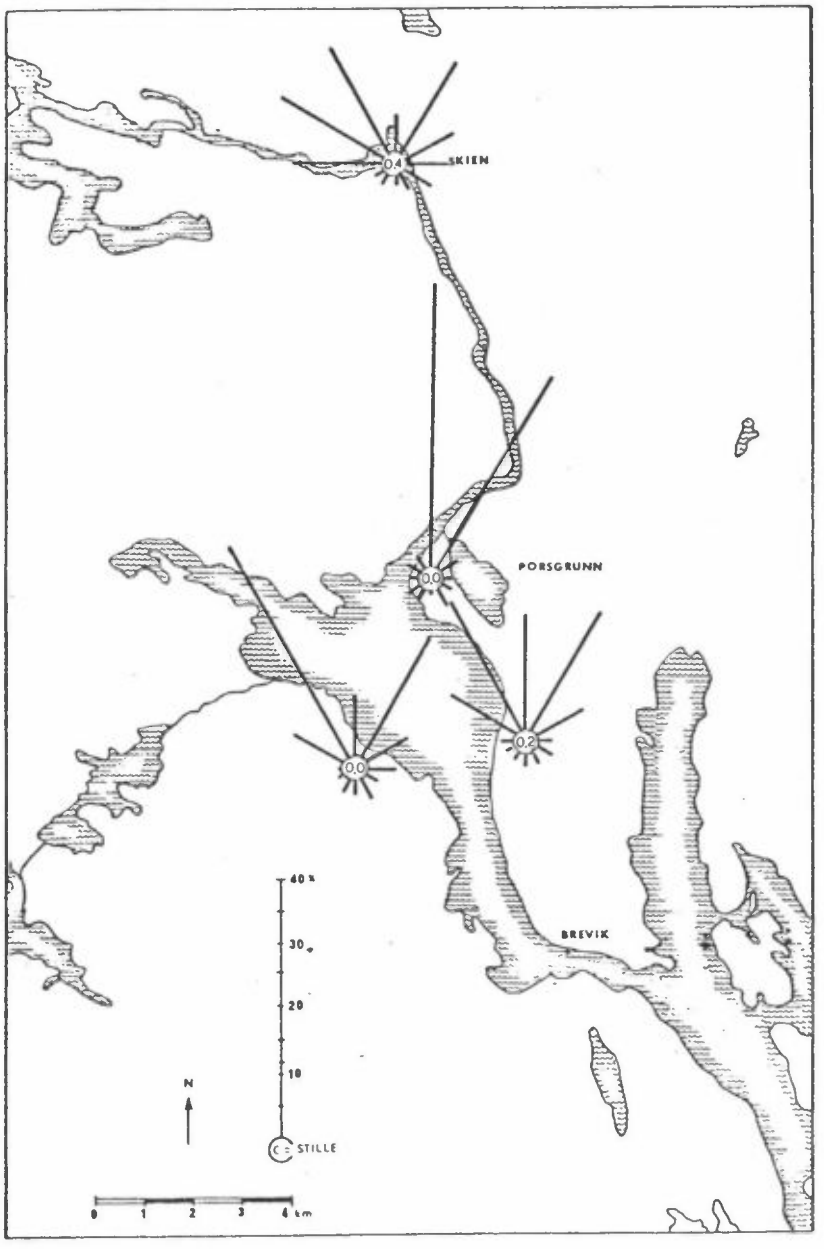
Kvaliteten av data fra Ås har vært god i måleperioden, med en datatilgjengelighet på 100% for temperatur, fuktighet, vindstyrke og vindretning.

Dataene fra Union Skien og Herøya var også av god kvalitet, med en datatilgjengelighet på henholdsvis 99% og 100%.

Fra Rafnes har vi registreringer av vind i 98% og temperatur 100% av tiden.

4 VINDFORHOLDENE

Vindroser fra alle stasjonene for vinteren 1978/1979 er vist i figur 2.

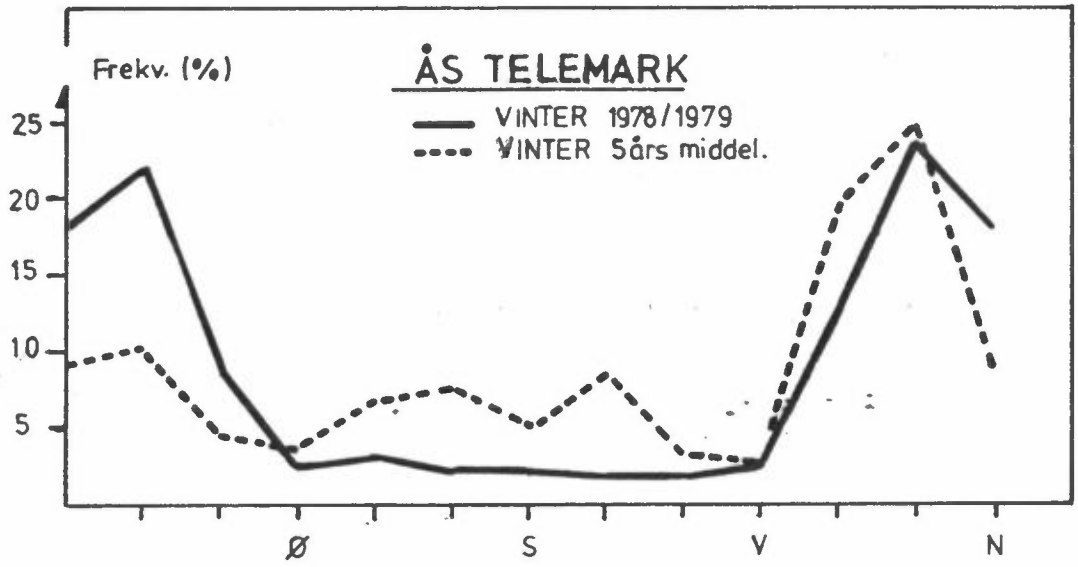


Figur 2: Vindroser (frekvens av vind i % i 12 sektorer) fra nedre Telemark for perioden 1.12.78-28.2.79.

Kvartalsvise vindfrekvensfordelinger (i %) er også presentert i tabellene 1-4. Vindobservasjoner fra Ås er dessuten presentert som månedsvise frekvensfordelinger i tabellene 10-12.

Det var vinteren 1978/79 en dominans av vinder fra nordlig kant i Telemark. Ved Herøya var det f.eks. vind i 60°-sektoren fra nord og nordnordøst i 81% av tiden. Middelvindstyrken var ved Ås 2.9 m/s, ved Rafnes 3.7 m/s, ved Herøya 3.5 m/s og ved Union 2.1 m/s. Ved Rafnes og Herøya var middelvindstyrken høyere enn høsten 1978, ved de andre stasjonene noe lavere. Middelvindstyrken på Ås ligger rundt de verdier som er registrert tidligere vintre.

I figur 3 har en sammenstilt frekvensfordelingen av forskjellige vindretninger vinteren 1978/1979 med fem vintersesonger fra Ås.



Figur 3: Frekvensfordeling av vindretninger (i 30°-sektorer) ved Ås for vinteren 1978/1979, sammenholdt med en middelfordeling for fem vintersesonger ved Ås.

Som det framgår av figur 3 var det oftere vind fra nord og nordnordøst ved Ås vinteren 1978/79 enn det pleier å være om vinteren. Det var derfor også sjeldnere vind fra sørlig kant og fra vest-nordvest.

5 STABILITETSFORHOLDENE

Stabilitetsforholdene i fire klasser er fordelt over døgnet i tabell 5, basert på temperaturdifferansen 25-10 m på Ås. Vinteren 1978/1979 var det 11% stabil, 36% lett stabil, 51% nøytral og 2% instabil temperatursjikting. Denne fordelingen avviker ikke vesentlig fra det som er observert tidligere vintre. Det ble denne vinteren observert en noe høyere frekvens av nøytral sjikting enn tidligere, og noe lavere frakvens av lett stabil sjikting.

6 FREKVENS AV VIND/STABILITET

Tabell 6 gir frekvensen (i %) i 196 klasser av vind og stabilitet, basert på stabilitetsdata og vinddata fra 25 m masta ved Ås. De stabile situasjonene (inversjoner) forekom som vanlig ved vind fra omkring nordvest ved Ås. Den høye frekvensen av nord-nordøstlige vinder ved Ås vinteren 1978/79 ga oftest nøytral eller lett stabil sjikting, og sjelden stabil sjikting. Dette skyldes at vindene fra nordøst var relativt sterke og at det grove terrenget (vegetasjon) på oppvindsiden av masta i denne retningen fører til sterk turbulens og god blanding ved Ås.

7 TEMPERATUREN VED ÅS

Tabell 7 viser månedsvis temperatur-statistikk for Ås i perioden 1.12.78-28.2.79. Middeltemperaturen for desember var -6.5°C, for januar -7.1°C og for februar -4.6°C. For desember og januar er dette de laveste middeltemperaturene som er registrert siden kontrollerte målinger startet i området i 1971. I februar var det ubetydelig lavere temperatur enn normalt. Den høyeste temperaturen i perioden ble målt til 9.5°C den 25.2 kl. 13, den laveste ble målt til -19.5°C den 31.12. kl. 5.

8 RELATIV FUKTIGHET VED ÅS

Tabell 8 viser en statistisk fordeling av den relative fuktigheten ved Ås i perioden 1.12.78-28.2.79. Månedsmiddelverdiene viser relativ fuktighet på 80% i desember, 79% i januar og 73% i februar. Av observasjonene for vinteren 1978/1979 lå ca 1% over 95% relativ fuktighet. I desember var det liten døgnlig variasjon i relativ fuktighet, mens fuktigheten i februar i gjennomsnitt varierte fra 62% kl 13 til 80% kl 01.

9 TEMPERATUREN VED RAFNES

Tabell 9 viser månedsvis temperaturstatistikk for Rafnes i perioden 1.12.78-28.2.79. Middeltemperaturen for desember var $-5.6^{o}C$, for januar $-6.9^{o}C$ og for februar $-5.0^{o}C$. Bortsett fra februar ligger temperaturene ved Rafnes noe over de ved Ås. Den høyeste temperaturen i perioden ble målt til $8.4^{o}C$ den 26.2. kl 12, den laveste temperaturen ble målt til $-20.3^{o}C$ den 16.2. kl 6.

10 TABELLER

Tabell 1: Vindfrekvenser (vindrose) fra Ås 1.12.78-28.2.79

Tabell 2: Vindfrekvenser fra Rafnes 1.12.78-28.2.79

Tabell 3: Vindfrekvenser fra Union Skien 1.12.78-28.2.79

Tabell 4: Vindfrekvenser fra Herøya 1.12.78-28.2.79

Tabell 5: Fire klasser av stabilitet fordelt over døgnet basert på målinger av temperaturforskjellen mellom 25 m og 10 m masta på Ås 1.12.78-28.2.79

Tabell 6: Frekvens (i %) av vind og stabilitet fordelt på:
fire vindstyrkeklasser
fire stabilitetsklasser (1= instabilt, 2= nøytralt, 3= lett stabilt, 4= stabilt)
tolv vindretninger (30^{o}-sektorer)
vindstille (vind <0.2 m/s)
basert på data fra Ås i perioden 1.12.78-28.2.79

Tabell 7: Månedsvise temperaturstatistikk fra Ås for desember 1978, januar og februar 1979; Middel-, maksimum- og minimumstemperaturer, antall observasjoner og temperatur under gitte grenser, samt midlere døgnfordeling av temperatur.

Tabell 8: Månedsvis relativ fuktighet-statistikk fra Ås for desember 1978, januar og februar 1979; Middel-, maksimum- og minimumsverdier, antall observasjoner av relativ fuktighet under gitte grenser, samt midlere døgnfordeling.

Tabell 9: Månedsvis temperaturstatistikk fra Rafnes for vinteren 1978/1979

Tabell 10: Vindfrekvenser fra Ås for desember 1978

Tabell 11: Vindfrekvenser fra Ås for januar 1979

Tabell 12: Vindfrekvenser fra Ås for februar 1979

Tabell 13: Månedsvis stabilitetsfrekvens (i fire klasser) fordelt over døgnet, basert på målinger av temperaturforskjellen mellom 25 m og 10 m i masta på Ås: a) desember 1978, b) januar 1979, c) februar 1979

Tabell 14: Frekvens (i %) av vind og stabilitet fra Ås (klassifisering som tabell 6) i
a) desember 1978, b) januar 1979, c) februar 1979.

Tabell 1:

VINDROSE FRA AS
1/12-78 - 28/ 2-79

	VINDROSE KL.								
SEKTOR	1	4	7	10	13	16	19	22	DØGN
20- 40	22.2	21.1	21.1	25.6	27.8	23.3	21.1	16.7	21.7
50- 70	7.8	8.9	10.0	6.7	4.4	12.2	10.0	8.9	8.7
80-100	4.4	3.3	2.2	2.2	0.0	4.4	4.4	3.3	2.3
110-130	0.0	0.0	1.1	1.1	3.3	6.7	3.3	2.2	3.0
140-160	0.0	2.2	1.1	1.1	1.1	5.6	3.3	5.6	2.2
170-190	2.2	1.1	3.3	3.3	2.2	1.1	2.2	0.0	2.2
200-220	2.2	0.0	2.2	3.3	1.1	2.2	1.1	3.3	1.8
230-250	3.3	1.1	2.2	0.0	2.2	2.2	2.2	2.2	1.8
260-280	1.1	4.4	0.0	1.1	2.2	0.0	2.2	1.1	2.2
290-310	13.3	12.2	15.6	7.8	17.8	10.0	12.2	13.3	12.3
320-340	27.8	24.4	21.1	32.2	24.4	16.7	21.1	25.6	23.5
350- 10	15.6	20.0	20.0	15.6	12.2	15.6	16.7	17.8	18.0
STILLE	0.0	1.1	0.0	0.0	1.1	0.0	0.0	0.0	.2
ANT. OBS.	90	90	90	90	90	90	90	90	2158
MIDL. VIND	3.0	2.9	2.9	2.8	2.8	2.8	3.0	2.8	2.9

VINDANALYSE

DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													.2
.3- 2.0 M/S	4.0	2.7	1.6	2.4	.9	.4	.7	1.1	.8	4.3	8.2	4.7	31.8
2.1- 4.0 M/S	9.2	3.9	.6	.6	1.3	.7	.6	.4	.9	5.7	13.7	9.9	47.5
4.1- 6.0 M/S	7.1	1.9	.0	0.0	.0	.9	.4	.2	.4	2.1	1.7	3.2	18.0
OVER 6.0 M/S	1.4	.2	0.0	0.0	0.0	.1	.1	.1	.1	.3	0.0	.2	2.5
TOTAL	21.7	8.7	2.3	3.0	2.2	2.2	1.8	1.8	2.2	12.3	23.5	18.0	100.0
MIDL. VIND M/S	3.6	3.0	1.7	1.5	2.1	3.6	2.9	2.2	2.8	2.9	2.5	2.9	2.9
ANT. OBS.	469	188	50	64	48	47	39	38	48	266	507	389	2158

MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 2.9 M/S, BASERT PÅ 2159 OBSERVASJONER

Tabell 2:

VINDROSE FRA RÆFNES
1/12-78 - 28/ 2-79

	VINDROSE KL.								
SEKTOR	1	4	7	10	13	16	19	22	DØGN
20- 40	20.7	19.8	22.1	22.7	27.6	25.0	22.7	19.1	22.2
50- 70	5.7	8.1	7.0	5.7	12.6	9.1	5.7	4.5	7.5
80-100	5.7	3.5	5.8	5.7	4.6	4.5	4.5	5.6	4.9
110-130	1.1	1.2	1.2	0.0	4.6	3.4	5.7	2.2	1.9
140-160	1.1	3.5	0.0	1.1	1.1	9.1	1.1	4.5	3.3
170-190	3.4	1.2	3.5	1.1	4.6	3.4	4.5	2.2	2.5
200-220	1.1	0.0	0.0	2.3	2.3	2.3	0.0	2.2	1.5
230-250	0.0	0.0	0.0	1.1	2.3	0.0	2.3	2.2	.7
260-280	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	.5
290-310	10.3	10.5	12.8	10.2	4.6	8.0	13.6	13.5	9.4
320-340	48.3	45.3	41.9	43.2	28.7	27.3	30.7	38.2	39.1
350- 10	2.3	7.0	5.8	5.7	6.9	8.0	9.1	5.6	6.6
STILLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ANT. OBS.	87	86	86	88	87	88	88	89	2099
MIDL. VIND	3.7	3.9	3.8	3.7	3.7	3.8	3.6	3.7	3.7

VINDANALYSE

DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													0.0
.3- 2.0 M/S	1.6	1.0	.7	.9	.8	.8	.7	.1	.1	1.1	9.9	2.2	19.3
2.1- 4.0 M/S	3.1	2.0	1.9	.8	1.6	.8	.5	.4	.2	6.8	24.6	2.0	44.8
4.1- 6.0 M/S	6.3	2.5	2.0	.2	.8	.8	.3	.1	.1	1.4	4.0	1.5	20.1
OVER 6.0 M/S	11.1	1.9	.3	0.0	.1	.0	.1	0.0	0.0	.1	.6	1.0	15.3
TOTAL	22.2	7.5	4.9	1.9	3.3	2.5	1.5	.7	.5	9.4	39.1	6.6	100.0
MIDL. VIND M/S	5.9	4.6	3.8	2.3	3.3	3.1	2.9	3.1	3.2	3.1	2.7	3.4	3.7
ANT. OBS.	465	157	103	40	69	52	32	15	10	197	820	139	2099

MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 3.7 M/S, BASERT PÅ 2131 OBSERVASJONER

Tabell 3:

VINDROSE FRA UNION SKIEN
1/12-78 - 28/ 2-79

SEKTOR	VINDROSE KL. 1	4	7	10	13	16	19	22	DØGN
20- 40	19.1	18.9	18.0	19.1	14.6	17.8	13.5	14.4	17.2
50- 70	5.6	10.0	7.9	10.1	11.2	7.8	6.7	6.7	8.6
80-100	7.9	6.7	5.6	3.4	9.0	6.7	11.2	4.4	7.3
110-130	1.1	3.3	4.5	4.5	4.5	10.0	4.5	7.8	4.9
140-160	2.2	0.0	2.2	4.5	0.0	2.2	3.4	3.3	2.4
170-190	1.1	1.1	2.2	0.0	2.2	2.2	1.1	0.0	1.2
200-220	2.2	1.1	0.0	0.0	2.2	1.1	1.1	3.3	1.9
230-250	0.0	2.2	1.1	2.2	2.2	2.2	2.2	2.2	1.8
260-280	3.4	15.6	13.5	11.2	19.1	12.2	9.0	7.8	11.0
290-310	28.1	16.7	16.9	23.6	20.2	13.3	14.6	21.1	18.6
320-340	20.2	18.9	20.2	16.9	7.9	17.8	25.8	22.2	18.9
350- 10	9.0	4.4	7.9	4.5	6.7	6.7	5.6	6.7	5.9
STILLE	0.0	1.1	0.0	0.0	0.0	0.0	1.1	0.0	.4
ANT. OBS.	89	90	89	89	89	90	89	90	2148
MIDL. VIND	1.9	2.0	2.0	1.9	2.2	2.5	2.3	1.9	2.1

VINDANALYSE

DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													.4
.3- 2.0 M/S	7.2	3.2	3.2	3.0	1.4	.6	1.6	1.5	9.2	14.1	12.8	3.4	61.3
2.1- 4.0 M/S	7.3	2.9	2.9	1.9	.8	.2	.1	.2	1.5	3.5	4.6	1.5	27.4
4.1- 6.0 M/S	2.5	2.0	.9	0.0	.2	.4	.1	.1	.2	.7	1.3	.8	9.3
OVER 6.0 M/S	.2	.4	.3	0.0	0.0	0.0	.0	0.0	.1	.3	.2	.1	1.7
TOTAL	17.2	8.6	7.3	4.9	2.4	1.2	1.9	1.8	11.0	18.6	18.9	5.9	100.0
MIDL. VIND M/S	2.5	2.9	2.6	1.6	1.8	2.5	1.8	1.3	1.4	1.9	1.9	2.3	2.1
ANT. OBS.	370	184	156	105	52	26	40	39	236	400	406	126	2148

MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 2.1 M/S, BASERT PA 2154 OBSERVASJONER

Tabell 4:

VINDROSE FRA HERØYA
1/12-78 - 28/ 2-79

SEKTOR	VINDROSE KL. 1	4	7	10	13	16	19	22	DØGN
20- 40	34.4	35.6	27.8	34.8	44.9	38.9	32.2	40.0	35.9
50- 70	2.2	2.2	1.1	1.1	3.4	4.4	4.4	2.2	2.9
80-100	2.2	0.0	0.0	2.2	0.0	1.1	0.0	2.2	1.0
110-130	0.0	1.1	0.0	0.0	2.2	3.3	3.3	3.3	2.1
140-160	2.2	2.2	4.4	2.2	2.2	6.7	6.7	4.4	3.8
170-190	1.1	0.0	0.0	0.0	2.2	0.0	0.0	0.0	.6
200-220	1.1	1.1	1.1	2.2	2.2	1.1	1.1	2.2	1.3
230-250	5.6	1.1	2.2	2.2	0.0	0.0	2.2	1.1	1.9
260-280	0.0	2.2	0.0	0.0	0.0	1.1	1.1	2.2	.8
290-310	0.0	3.3	1.1	0.0	3.4	5.6	2.2	1.1	1.9
320-340	2.2	2.2	3.3	4.5	3.4	2.2	2.2	1.1	2.4
350- 10	48.9	48.9	58.9	50.6	36.0	35.6	44.4	40.0	45.3
STILLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ANT. OBS.	90	90	90	89	89	90	90	90	2153
MIDL. VIND	3.4	3.5	3.6	3.5	3.6	3.7	3.4	3.4	3.5

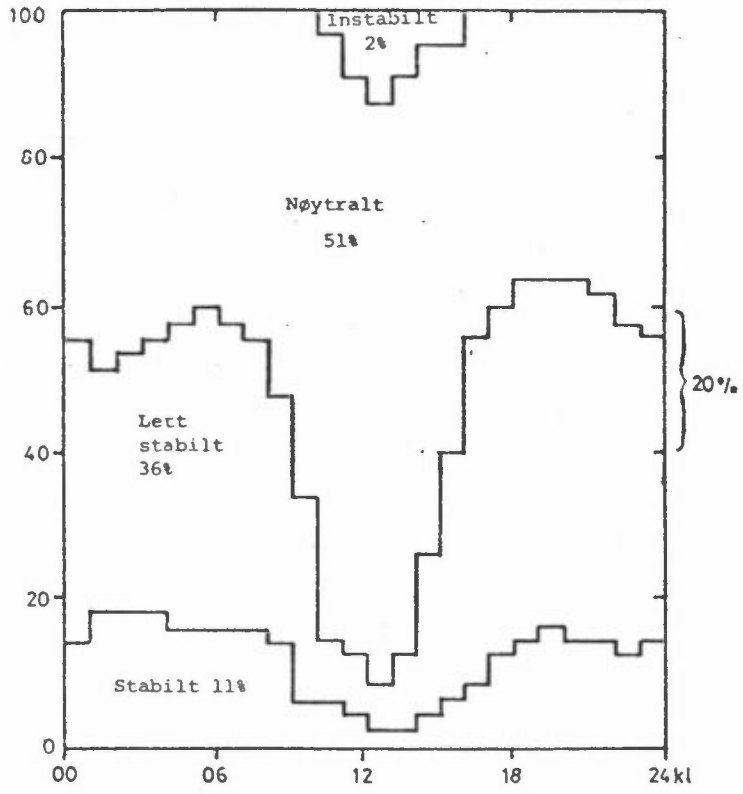
VINDANALYSE

DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													0.0
.3- 2.0 M/S	9.9	1.5	.9	1.4	1.3	.1	.7	.5	.4	.6	.6	12.4	30.4
2.1- 4.0 M/S	9.5	.8	.1	.7	1.8	.3	.4	1.2	.3	.9	1.4	21.1	38.6
4.1- 6.0 M/S	6.9	.4	0.0	0.0	.7	.1	.1	.3	.0	.4	.4	5.7	14.9
OVER 6.0 M/S	9.6	.2	0.0	0.0	0.0	0.0	.0	0.0	.0	.0	0.0	6.1	16.0
TOTAL	35.9	2.9	1.0	2.1	3.8	.6	1.3	1.9	.8	1.9	2.4	45.3	100.0
MIDL. VIND M/S	4.2	2.6	1.3	1.7	2.6	2.9	2.1	2.8	2.3	3.1	2.7	3.3	3.5
ANT. OBS.	773	63	22	46	82	12	29	41	17	41	52	975	2153

MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 3.5 M/S, BASERT PA 2153 OBSERVASJONER

Tabell 5:

Stabilitet basert på temperaturforskjell dt(25-10) ÅS



Frekvens av forskjellige stabiliteter

VINTER 1978/1979

	GRUPPE 1 X=(< -.5)	GRUPPE 2 X=(-.5-<0.0)	GRUPPE 3 X=(0.0-< .5)	GRUPPE 4 X=(.5->)
1	0.00	43.33	42.22	14.44
2	0.00	47.78	34.44	17.78
3	0.00	46.67	35.56	17.78
4	0.00	43.33	37.78	18.89
5	0.00	42.70	41.57	15.73
6	0.00	39.33	43.82	16.85
7	0.00	41.57	42.70	15.73
8	0.00	44.94	39.33	15.73
9	0.00	51.69	34.83	13.48
10	0.00	66.29	28.09	5.62
11	2.25	83.15	8.99	5.62
12	7.78	81.11	7.78	3.33
13	11.11	80.00	6.67	2.22
14	8.89	78.89	11.11	1.11
15	4.44	68.89	22.22	4.44
16	3.33	56.67	34.44	5.56
17	0.00	44.44	47.78	7.78
18	0.00	40.00	48.89	11.11
19	0.00	35.56	51.11	13.33
20	0.00	36.67	47.78	15.56
21	0.00	35.56	51.11	13.33
22	0.00	37.78	47.78	14.44
23	0.00	42.22	45.56	12.22
24	0.00	43.33	43.33	13.33
	1.58	51.32	35.62	11.47

2153 OBS.

INSTABILT	NØYTRALT	LETT STABILT	STABILT

Tabell 6:

VIND : Ås
STABILITET: dt (25-10 m) Ås
PERIODE : 1.12.78-28.2.79

VINDSTYRKE	0.0- 2.0 M/S				2.0- 4.0 M/S				4.0- 6.0 M/S				OVER 6.0 M/S				
STABILITET	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	ROSE
VINDRETNING 30	.0	2.2	1.5	.1	.0	7.1	1.8	.1	.0	6.3	1.1	.0	.0	1.5	.0	.0	21.7
60	.0	1.6	.9	.0	.0	3.4	.6	.0	.0	2.0	.1	.0	.0	.2	.0	.0	8.8
90	.0	.9	.7	.0	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
120	.1	1.2	.7	.2	.0	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.0
150	.0	.5	.2	.2	.0	.5	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.2
180	.0	.3	.1	.1	.0	.4	.3	.0	.0	.6	.2	.0	.0	.2	.0	.0	2.3
210	.1	.0	.3	.3	.0	.2	.3	.1	.0	.2	.1	.0	.0	.1	.0	.0	1.8
240	.0	.2	.4	.4	.0	.0	.2	.2	.0	.1	.1	.0	.0	.0	.1	.0	1.7
270	.0	.2	.2	.3	.0	.0	.6	.3	.0	.0	.3	.0	.0	.0	.1	.0	2.2
300	.5	.9	1.9	.6	.1	.9	2.6	2.0	.0	.3	1.3	.6	.0	.3	.1	.0	12.1
330	.4	3.9	2.8	.4	.1	3.2	7.3	3.8	.0	.3	1.2	.4	.0	.0	.0	.0	23.7
360	.0	2.3	1.7	.4	.0	6.0	3.5	.4	.0	2.4	.9	.0	.0	.2	.0	.0	17.9
STILLE	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
TOTAL	1.4	14.2	11.7	3.1	.2	22.3	18.2	7.2	0.0	12.3	5.4	1.1	0.0	2.5	.4	0.0	100.0

FORDELING PÅ VINDHASTIGHET

0.0- 2.0 M/S	2.0- 4.0 M/S	4.0- 6.0 M/S	OVER 6.0 M/S
30.4	48.0	18.8	2.8

FORDELING AV STABILITETSKLASSENE

1.6	51.3	35.6	11.5

Tabell 7:

Tempratur

338 AS

			1	12	78	28	2	79								
				MAX			MIN		MIDLERE		T<-10.0		T< 0.0		T< 10.0	
MANED	NDAG	TMIDL	T	DAG	KL	T	DAG	KL	TMAX	TMIN	DØGN	TIMER	DØGN	TIMER	DØGN	TIMER
DES 1978	31	-6.5	2.5	18	21	-19.5	31	5	-4.7	-8.5	12	143	31	719	31	744
JAN 1979	31	-7.1	5.6	7	17	-18.6	27	9	-4.6	-9.9	16	212	30	688	31	743
FEB 1979	28	-4.6	9.5	25	13	-18.0	16	7	.2	-8.1	9	90	27	563	28	672

MIDDELTEMPERATUR, STANDARDAVVIK OG ANTALL OBS.

MANED	KL	1	4	7	10	13	16	19	22	
DES 1978		-6.5	-6.6	-6.7	-6.6	-5.6	-6.4	-6.4	-6.7	
		4.5	4.5	4.4	4.4	4.2	4.6	4.9	4.9	
		31	31	31	31	31	31	31	31	744
JAN 1979		-7.6	-7.8	-7.8	-7.3	-5.7	-6.2	-6.7	-7.1	
		4.8	4.8	4.9	5.0	4.3	4.0	4.5	4.4	
		31	31	31	31	31	31	31	31	743
FEB 1979		-6.2	-6.7	-6.7	-4.5	-1.0	-1.6	-4.1	-5.1	
		4.2	4.3	4.7	4.2	4.6	4.0	3.9	4.0	
		28	28	28	28	28	28	28	28	672

Tabell 8:

Fuktighet

338 AS

			1	12	78	28	2	79	1							
				MAX			MIN		MIDLERE		F< .30		F< .75		F< .93	
MANED	NDAG	FMIDL	F	DAG	KL	F	DAG	KL	FMAX	FMIN	DØGN	TIMER	DØGN	TIMER	DØGN	TIMER
DES 1978	31	.80	.94	19	8	.57	31	24	.85	.75	0	0	14	198	31	744
JAN 1979	31	.79	.96	7	6	.40	31	16	.86	.72	0	0	17	188	31	735
FEB 1979	28	.73	.95	27	19	.28	16	17	.87	.55	2	5	21	306	28	665

MIDDELFUKTIGHET, STANDARDAVVIK OG ANTALL OBS.

MANED	KL	1	4	7	10	13	16	19	22	
DES 1978		.81	.81	.81	.81	.79	.81	.81	.81	
		.08	.08	.08	.08	.08	.08	.08	.08	
		31	31	31	31	31	31	31	31	744
JAN 1979		.80	.81	.82	.81	.78	.78	.80	.81	
		.09	.09	.08	.09	.11	.12	.11	.09	
		31	31	31	31	31	31	31	31	743
FEB 1979		.79	.80	.80	.76	.62	.63	.73	.77	
		.13	.11	.10	.12	.17	.19	.17	.15	
		28	28	28	28	28	28	28	28	672

Tabell 9:

TEMPERATUR

300 RÆRNES T 1 12 78 28 2 79

MÅNED	NDAG	TMIDL	MAX T	MAX DAG	MAX KL	MIN T	MIN DAG	MIN KL	MIDLERE TMAX	MIDLERE TMIN	T<-10.0 DØGN	T<-10.0 TIMER	T< 0.0 DØGN	T< 0.0 TIMER	T< 10.0 DØGN	T< 10.0 TIMER
DES 1978	31	-5.6	2.1	* 3	8	-16.8	*31	3	-3.8	-7.9	9	107	31	722	31	744
JAN 1979	31	-6.9	5.6	7	17	-18.9	*27	7	-4.4	-9.9	17	190	30	689	31	743
FEB 1979	28	-5.0	8.4	26	12	-20.3	*16	6	-1.0	-8.8	11	95	27	589	28	671

MIDDELTEMPERATUR, STANDARDAVVIK OG ANTALL OBS.

MÅNED	KL	1	4	7	10	13	16	19	22	
DES 1978		-5.7	-5.8	-5.8	-5.7	-4.8	-5.1	-5.6	-5.9	
		4.1	4.1	4.0	4.0	3.6	4.0	4.3	4.5	
		31	31	31	31	31	31	31	31	744
JAN 1979		-7.3	-7.4	-7.6	-7.0	-5.8	-6.0	-6.7	-6.9	
		4.9	4.9	5.1	5.1	4.2	4.1	4.5	4.6	
		31	31	31	31	31	31	31	31	743
FEB 1979		-6.6	-7.0	-7.4	-5.6	-1.5	-2.0	-4.1	-5.2	
		4.4	4.3	5.0	4.3	3.9	3.7	3.8	4.2	
		28	28	28	28	28	28	28	28	671

Tabell 10:

VINDROSE FRA AS

MANED: DESEMBER 1978

VINDROSE KL.

SEKTOR	1	4	7	10	13	16	19	22	DØGN
20- 40	29.0	29.0	32.3	48 4	51.6	45.2	38.7	25.8	36.4
50- 70	9.7	12.9	16.1	6.5	6.5	12.9	9.7	6.5	9.0
80-100	0.0	3.2	0.0	0.0	0.0	0.0	3.2	3.2	1.2
110-130	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.1
140-160	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	.3
170-190	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-220	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.3
230-250	3.2	0.0	0.0	0.0	0.0	3.2	0.0	0.0	.9
260-280	0.0	3.2	0.0	0.0	3.2	0.0	3.2	3.2	1.6
290-310	6.5	3.2	3.2	3.2	9.7	3.2	3.2	6.5	4.6
320-340	19.4	19.4	19.4	12.9	9.7	9.7	12.9	19.4	14.4
350- 10	32.3	29.0	29.0	25.8	19.4	25.8	29.0	35.5	31.2
STILLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ANT. OBS.	31	31	31	31	31	31	31	31	744
MIDL. VIND	3.2	3.1	3.2	3.0	3.2	3.3	3.4	2.9	3.2

VINDANALYSE

DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													0.0
.3- 2.0 M/S	5.1	3.1	1.2	.1	.3	0.0	.3	.9	.9	2.2	4.6	7.8	26.5
2.1- 4.0 M/S	13.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	.5	2.4	9.4	18.3	47.0
4.1- 6.0 M/S	14.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0	.1	0.0	.4	4.6	21.9
OVER 6.0 M/S	3.5	.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.5	4.6
TOTAL	36.4	9.0	1.2	.1	.3	0.0	.3	.9	1.6	4.6	14.4	31.2	100.0
MIDL. VIND M/S	3.9	3.2	1.4	1.4	1.0	0.0	1.4	1.2	1.9	2.2	2.3	3.0	3.2
ANT. OBS.	271	67	9	1	2	0	2	7	12	34	107	232	744

MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 3.2 M/S, BASERT PA 744 OBSERVASJONER

Tabell 11:

VINDROSE FRA AS

MANED: JANUAR 1979

VINDROSE KL.

SEKTOR	1	4	7	10	13	16	19	22	DØGN
20- 40	19.4	16.1	12.9	16.1	16.1	12.9	12.9	12.9	13.2
50- 70	12.9	12.9	9.7	9.7	3.2	9.7	6.5	12.9	11.3
80-100	3.2	3.2	6.5	3.2	0.0	3.2	9.7	3.2	2.8
110-130	0.0	0.0	0.0	3.2	3.2	6.5	3.2	0.0	2.4
140-160	0.0	3.2	0.0	0.0	3.2	3.2	0.0	3.2	1.6
170-190	0.0	0.0	3.2	0.0	3.2	0.0	3.2	0.0	1.6
200-220	6.5	0.0	3.2	6.5	0.0	3.2	3.2	6.5	2.6
230-250	0.0	3.2	0.0	0.0	3.2	3.2	0.0	3.2	1.7
260-280	3.2	0.0	0.0	3.2	0.0	0.0	3.2	0.0	2.0
290-310	12.9	12.9	32.3	9.7	16.1	9.7	12.9	9.7	13.6
320-340	35.5	35.5	19.4	41.9	41.9	29.0	32.3	38.7	34.6
350- 10	6.5	12.9	12.9	6.5	6.5	19.4	12.9	9.7	12.2
STILLE	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	.3
ANT. OBS.	31	31	31	31	31	31	31	31	743
MIDL. VIND	2.9	2.6	2.8	2.7	2.4	2.6	2.8	2.9	2.7

VINDANALYSE

DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													.3
.3- 2.0 M/S	4.8	3.0	1.2	2.2	.7	.3	.9	1.1	.4	4.3	12.2	2.7	33.8
2.1- 4.0 M/S	7.7	6.6	1.5	.3	.9	.7	.7	.4	.4	5.9	19.8	6.5	51.3
4.1- 6.0 M/S	.7	1.7	.1	0.0	0.0	.4	.7	0.0	.8	2.7	2.6	3.1	12.8
OVER 6.0 M/S	0.0	0.0	0.0	0.0	0.0	.3	.3	.3	.4	.7	0.0	0.0	1.9
TOTAL	13.2	11.3	2.8	2.4	1.6	1.6	2.6	1.7	2.0	13.6	34.6	12.2	100.0
MIDL. VIND M/S	2.4	2.8	2.2	1.4	2.2	3.7	3.3	2.4	4.2	3.1	2.5	3.0	2.7
ANT. OBS.	98	84	21	18	12	12	19	13	15	101	257	91	743

MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 2.7 M/S, BASERT PA 743 OBSERVASJONER

Tabell 12:

VINDROSE FRA AS

MANED: FEBRUAR 1979

	VINDROSE KL.								
SEKTOR	1	4	7	10	13	16	19	22	DØGN
20- 40	17.9	17.9	17.9	10.7	14.3	10.7	10.7	10.7	14.9
50- 70	0.0	0.0	3.6	3.6	3.6	14.3	14.3	7.1	5.5
80-100	10.7	3.6	0.0	3.6	0.0	10.7	0.0	3.6	3.0
110-130	0.0	0.0	3.6	0.0	7.1	14.3	7.1	7.1	6.7
140-160	0.0	3.6	3.6	0.0	0.0	14.3	10.7	14.3	5.1
170-190	7.1	3.6	7.1	10.7	3.6	3.6	3.6	0.0	5.2
200-220	0.0	0.0	3.6	3.6	3.6	3.6	0.0	3.6	2.7
230-250	7.1	0.0	7.1	0.0	3.6	0.0	7.1	3.6	2.7
260-280	0.0	10.7	0.0	0.0	3.6	0.0	0.0	0.0	3.1
290-310	21.4	21.4	10.7	10.7	28.6	17.9	21.4	25.0	19.5
320-340	28.6	17.9	25.0	42.9	21.4	10.7	17.9	17.9	21.3
350- 10	7.1	17.9	17.9	14.3	10.7	0.0	7.1	7.1	9.8
STILLE	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	.4
ANT. OBS	28	28	28	28	28	28	28	28	671
MIDL. VIND	2.8	2.9	2.6	2.7	2.7	2.6	2.7	2.7	2.7

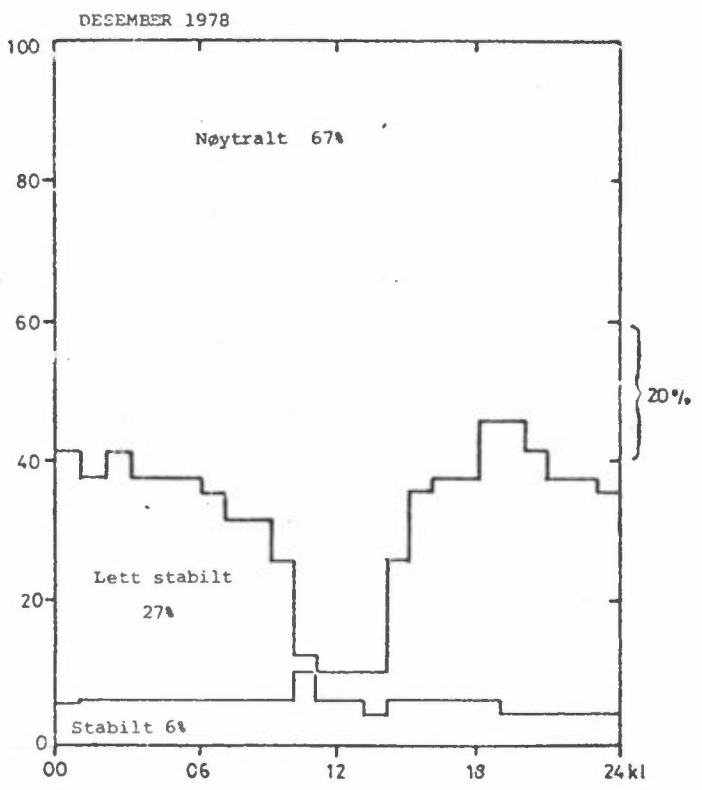
VINDANALYSE

DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													.4
.3- 2.0 M/S	1.9	1.9	2.5	5.1	1.9	1.0	1.0	1.2	1.2	6.6	7.6	3.4	35.5
2.1- 4.0 M/S	6.4	1.6	.4	1.6	3.0	1.6	1.2	.9	1.8	8.9	11.6	4.5	43.7
4.1- 6.0 M/S	6.0	1.9	0.0	0.0	.1	2.4	.4	.6	.1	3.7	2.1	1.9	19.4
OVER 6.0 M/S	.6	0.0	0.0	0.0	0.0	.1	0.0	0.0	0.0	.3	0.0	0.0	1.0
TOTAL	14.9	5.5	3.0	6.7	5.1	5.2	2.7	2.7	3.1	19.5	21.3	9.8	100.0
MIDL. VIND M/S	3.7	2.9	1.3	1.6	2.1	3.5	2.5	2.6	2.3	2.9	2.5	2.7	2.7
ANT. OBS.	100	37	20	45	34	35	18	18	21	131	143	66	671

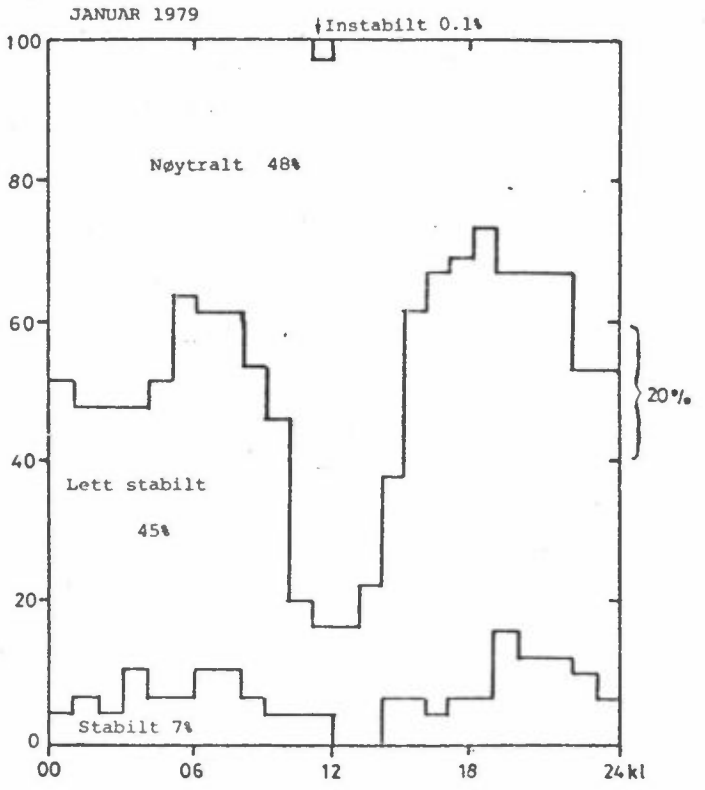
MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 2.7 M/S, BASERT PÅ 672 OBSERVASJONER

Tabell 13:

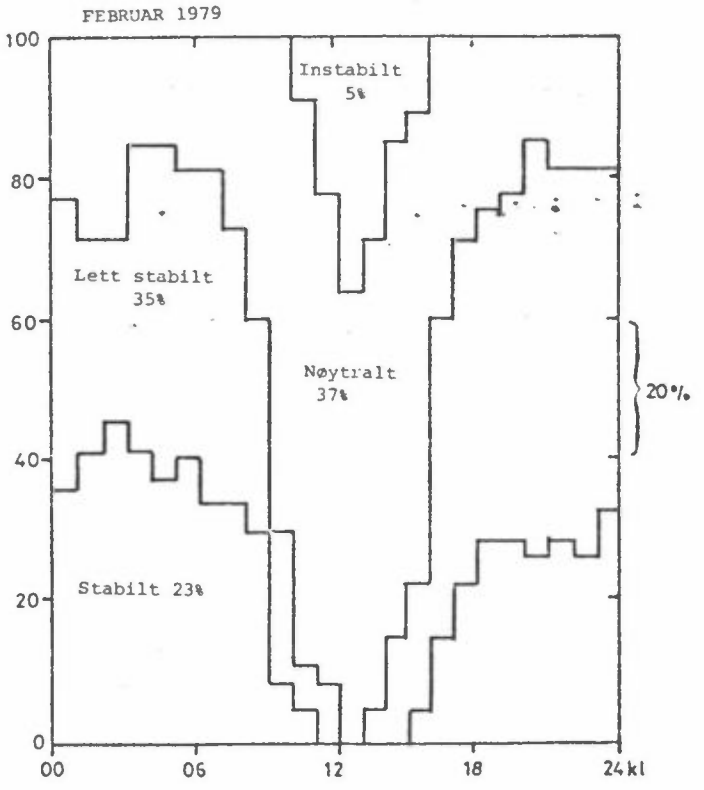
a)



b)



c)



Tabell 14:

VIND : Ås
STABILITET: dt (25-10 m) Ås
PERIODE : Desember 1978

a)

VINDSTYRKE	0.0- 2.0 M/S				2.0- 4.0 M/S				4.0- 6.0 M/S				OVER 6.0 M/S				
STABILITET	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	ROSE
30	.0	3.2	1.7	.0	.0	11.2	1.7	.0	.0	14.4	.7	.0	.0	3.9	.0	.0	36.8
60	.0	1.7	1.1	.1	.0	3.0	.1	.0	.0	2.6	.0	.0	.0	.5	.0	.0	9.1
90	.0	.8	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
120	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
150	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
180	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
210	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
240	.0	.0	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
270	.0	.1	.4	.4	.0	.0	.3	.3	.0	.0	.0	.1	.0	.0	.0	.0	1.6
300	.0	.1	1.6	.1	.0	.4	1.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	4.4
330	.0	1.5	2.3	.0	.0	3.4	4.6	2.0	.0	.0	.5	.0	.0	.0	.0	.0	14.2
360	.0	4.3	2.7	.5	.0	11.6	6.0	.4	.0	3.9	.8	.0	.0	.5	.1	.0	30.9
STILLE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	0.0	11.8	10.5	2.6	0.0	29.4	14.5	3.1	0.0	20.8	2.0	.1	0.0	5.0	.1	0.0	100.0

FORDELING PA VINDHASTIGHET

0.0- 2.0 M/S	2.0- 4.0 M/S	4.0- 6.0 M/S	OVER 6.0 M/S
24.9	47.0	23.0	5.1

FORDELING AV STABILITETSKLASSENE

0.0	67.1	27.2	5.8

VIND : Ås
STABILITET: dt (25-10 m) Ås
PERIODE : Januar 1979

b)

VINDSTYRKE	0.0- 2.0 M/S				2.0- 4.0 M/S				4.0- 6.0 M/S				OVER 6.0 M/S				
STABILITET	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	ROSE
30	.0	2.4	2.0	.1	.0	6.3	1.3	.1	.0	.7	.0	.0	.0	.0	.0	.0	13.1
60	.0	1.9	.7	.0	.0	6.3	.8	.0	.0	1.8	.0	.0	.0	.0	.0	.0	11.4
90	.0	.8	.5	.0	.0	.8	.7	.0	.0	.1	.0	.0	.0	.0	.0	.0	2.0
120	.1	1.2	.5	.1	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
150	.0	.3	.3	.3	.0	.3	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.8
180	.0	.1	.1	.0	.0	.1	.5	.0	.0	.3	.1	.0	.0	.3	.0	.0	1.6
210	.0	.0	.5	.4	.0	.0	.5	.1	.0	.3	.4	.0	.0	.3	.0	.0	2.6
240	.0	.4	.4	.3	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.3	.0	1.8
270	.0	.1	.1	.1	.0	.0	.4	.0	.0	.0	.8	.0	.0	.0	.4	.0	2.0
300	.0	1.5	2.4	.0	.0	1.2	3.6	.9	.0	.3	2.4	.1	.0	.5	.1	.0	13.2
330	.0	6.9	4.2	.5	.0	4.6	13.3	2.3	.0	.4	2.4	.3	.0	.0	.0	.0	34.9
360	.0	.9	1.5	.1	.0	4.3	2.0	.1	.0	2.7	.5	.0	.0	.0	.0	.0	12.2
STILLE	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
TOTAL	.1	16.6	13.5	2.0	0.0	24.2	24.0	4.2	0.0	6.5	6.7	.4	0.0	1.1	.8	0.0	100.0

FORDELING PA VINDHASTIGHET

0.0- 2.0 M/S	2.0- 4.0 M/S	4.0- 6.0 M/S	OVER 6.0 M/S
32.2	52.4	13.6	1.9

FORDELING AV STABILITETSKLASSENE

.1	48.3	45.0	6.6

VIND : Ås
STABILITET: dt (25-10 m) Ås
PERIODE : Februar 1979

c)

VINDSTYRKE	0.0- 2.0 M/S				2.0- 4.0 M/S				4.0- 6.0 M/S				OVER 6.0 M/S				
VINDRETNING	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	ROSE
30	.0	.9	.8	.3	.0	3.3	2.3	.2	.0	3.5	2.7	.0	.0	.6	.0	.0	14.4
60	.0	1.1	1.1	.0	.0	.6	.8	.0	.0	1.8	.3	.0	.0	.0	.0	.0	5.6
90	.2	1.2	1.2	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
120	.3	2.6	1.8	.5	.0	.6	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	6.8
150	.2	1.2	.5	.2	.0	1.4	1.4	.3	.0	.2	.0	.0	.0	.0	.0	.0	5.1
180	.0	.8	.3	.2	.0	1.2	.3	.2	.0	1.7	.6	.0	.0	.3	.0	.0	5.4
210	.3	.0	.5	.3	.0	.6	.3	.3	.0	.5	.0	.0	.0	.0	.0	.0	2.7
240	.2	.2	.3	.3	.0	.0	.8	.3	.0	.3	.3	.0	.0	.0	.0	.0	2.6
270	.2	.5	.2	.5	.0	.0	1.1	.6	.0	.0	.2	.0	.0	.0	.0	.0	3.0
300	1.7	1.2	1.7	1.8	.3	1.2	2.4	4.8	.0	.6	1.7	1.8	.0	.3	.2	.0	19.5
330	1.4	3.2	1.8	.6	.3	1.4	3.8	7.4	.0	.6	.6	1.1	.0	.0	.0	.0	22.0
360	.2	1.7	.9	.5	.0	1.8	2.3	.8	.0	.3	1.4	.2	.0	.0	.0	.0	9.8
STILLE	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
TOTAL	4.4	14.3	11.0	5.0	.6	12.2	15.9	15.3	0.0	9.3	7.7	3.0	0.0	1.2	.2	0.0	100.0

FORDELING PÅ VINDHASTIGHET

0.0- 2.0 M/S	2.0- 4.0 M/S	4.0- 6.0 M/S	OVER 6.0 M/S
34.6	44.1	20.0	1.4

FORDELING AV STABILITETSKLASSENE

5.0	37.0	34.7	23.3

11 REFERANSELISTE

(1) Sivertsen, B. — Kvartalsvise bearbeidelser av meteorologiske data, oversendt som bilag til brev 22.2.77, 27.4.77, 6.9.77 og 14.10.77.

(2) Sivertsen, B. — Meteorologiske data fra nedre Telemark, høsten 1977. Lillestrøm 1978. (NILU OR 8/78.)

(3) Sivertsen, B. — Meteorologiske data fra nedre Telemark, vinteren 1977/78. Lillestrøm 1978. (NILU OR 2/78.)

(4) Sivertsen, B. — Meteorologiske data fra nedre Telemark, våren 1978. Lillestrøm 1979. (NILU OR 9/79.)

(5) Sivertsen, B. — Meteorologiske data fra nedre Telemark, sommeren 1978. Lillestrøm 1979. (NILU OR 12/79.)

(6) Sivertsen, B.
Friberg, A.G. — Meteorologiske data fra nedre Telemark, høsten 1978. Lillestrøm 1979. (NILU OR 13/79.)

VEDLEGG A

LISTE AV TIMEVISE DATA FRA
NEDRE TELEMARK
1.12.78-28.2.79

FØLGENDE PARAMETRE ER GITT I DEN SYNOPTISKE LISTEN AV DATA:

T-ÅS = lufttemperatur (^{o}C) 3 m over bakken ved Ås

DT-ÅS = temperaturforskjell (^{o}C) 25-10 m ved Ås

RH-ÅS = relativ fuktighet (%) 3 m over bakken ved Ås

F-ÅS = vindstyrke (m/s) 25 m over bakken ved Ås

D-ÅS = vindretning (dekagrader; 9 = vind fra øst, 18 = vind fra sør,osv)
25 m over bakken ved Ås

F-UNI = vindstyrke (m/s) ca 30 m over bakken ved Union, Skien

D-UNI = vindretning (dekagrader) Union, Skien

F-HER = vindstyrke (m/s) 30 m over bakken på Herøya

D-HER = vindretning (dekagrader) på Herøya

F-RA = vindretning (dekagrader) ved Rafnes

T-RA = lufttemperatur (^{o}C) 20 m over bakken ved Rafnes

DT-RA = temperaturforskjell (^{o}C)

Observasjon 99 betegner manglende data. Tallet 10 eller 20 foran vindretningsangivelsen ved Ås angir at kvaliteten av middelvindretningen over timen er dårlig.
(20-data anvendes ikke i de statistiske bearbeidelsene.)

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
1	12	78	1	-7.3	.06	.71	3.8	35.	4.8	32.	7.4	36.	4.2	33.	-6.3	-.09
1	12	78	2	-6.9	.01	.70	3.8	35.	3.4	33.	4.1	36.	5.3	34.	-5.6	-.18
1	12	78	3	-6.7	0.00	.68	3.9	36.	2.5	32.	4.6	36	5.3	35.	-5.6	-.18
1	12	78	4	-7.0	.06	.69	3.6	35.	3.6	34.	4.4	36.	5.6	35.	-5.6	-.18
1	12	78	5	-7.2	.07	.68	3.1	35.	4.4	34.	4.8	36.	5.6	34.	-6.3	-.09
1	12	78	6	-6.9	.01	.69	4.1	34.	4.6	34.	5.1	36.	6.0	35.	-5.6	-.18
1	12	78	7	-6.6	-.05	.70	4.3	36.	4.4	34.	5.6	36.	4.6	35	-5.6	-.18
1	12	78	8	-6.4	-.05	.70	4.5	36.	4.4	34.	4.7	36.	4.6	35.	-4.9	-.18
1	12	78	9	-6.1	-.06	.71	3.8	35.	4.1	34.	4.2	36	5.3	36.	-4.9	-.18
1	12	78	10	-5.8	-.08	.71	3.8	1.	3.0	34.	3.1	36.	4.2	35.	-4.9	-.18
1	12	78	11	-5.7	-.09	.72	3.9	36.	3.1	34.	3.7	36.	5.6	35.	-4.9	-.18
1	12	78	12	-5.7	-.13	.76	3.4	33.	3.1	33.	3.7	36.	5.3	35	-4.9	-.18
1	12	78	13	-5.3	-.15	.77	3.3	34.	2.9	34.	3.6	36.	99.0	99.	-4.9	-.18
1	12	78	14	-5.2	-.10	.75	3.1	35.	2.8	32.	3.5	36.	3.5	32.	-4.9	-.18
1	12	78	15	-5.1	-.08	.74	2.9	35.	3.4	2.	4.1	36.	3.9	32.	-4.2	-.18
1	12	78	16	-5.0	-.08	.73	3.6	36.	3.8	2.	4.1	36.	3.9	35.	-4.2	-.18
1	12	78	17	-5.0	-.06	.74	3.4	36.	3.4	2.	4.6	36.	4.2	35.	-4.2	-.18
1	12	78	18	-4.9	-.08	.74	3.4	36.	2.8	2.	4.3	36.	3.9	35.	-4.2	-.18
1	12	78	19	-4.8	-.05	.75	2.9	34.	2.6	33.	3.1	36.	4.6	35.	-4.2	-.18
1	12	78	20	-4.7	-.05	.75	3.3	34.	2.9	34.	3.7	36.	4.9	34.	-4.2	-.18
1	12	78	21	-4.6	-.05	.75	3.0	35.	2.8	32.	3.5	36.	4.9	34.	-3.5	-.19
1	12	78	22	-4.4	-.05	.75	2.7	34.	2.2	31.	2.4	36.	3.5	34.	-3.5	-.19
1	12	78	23	-4.3	-.05	.75	2.3	34.	2.1	32.	2.3	36.	3.2	31.	-3.5	-.11
1	12	78	24	-4.1	-.05	.75	2.6	35.	1.8	32.	2.4	36.	3.5	32.	-3.5	-.11
2	12	78	1	-4.0	-.04	.75	2.0	34.	1.9	32.	2.1	1.	2.5	33.	-3.5	-.11
2	12	78	2	-3.8	-.03	.76	2.2	35.	1.6	33.	2.4	2.	3.5	32.	-2.8	-.11
2	12	78	3	-3.5	-.05	.76	2.3	36.	1.6	32.	2.1	1.	2.8	34.	-2.8	-.11
2	12	78	4	-3.4	-.05	.77	2.7	35.	1.3	32.	2.2	2.	3.2	33.	-2.8	-.11
2	12	78	5	-3.3	-.04	.77	2.3	36.	1.5	32.	3.1	2.	3.5	33.	-2.8	-.11
2	12	78	6	-3.0	-.06	.78	4.1	36.	1.8	32.	3.9	3.	2.8	33.	-2.1	-.12
2	12	78	7	-2.8	-.06	.79	3.7	36.	1.9	32.	2.1	1.	3.2	33.	-2.1	-.12
2	12	78	8	-2.6	-.05	.79	3.2	36.	1.7	32.	2.4	2.	3.2	32.	-2.1	-.20
2	12	78	9	-2.4	-.06	.77	3.2	1.	2.1	34.	2.6	2.	3.5	34.	-2.1	-.20
2	12	78	10	-2.2	-.09	.76	3.5	1.	1.4	31.	2.9	1.	2.8	33.	-1.4	-.20
2	12	78	11	-2.1	-.08	.77	3.4	36.	1.5	29.	1.9	1.	2.8	33.	-1.4	-.20
2	12	78	12	-1.8	-.09	.78	2.6	35.	1.3	28.	1.3	1.	2.8	32.	-1.4	-.20
2	12	78	13	-1.6	-.09	.78	2.4	35.	1.4	29.	1.2	1.	2.8	32.	-1.4	-.20
2	12	78	14	-1.7	-.08	.79	2.8	36.	.8	32.	2.2	3.	3.5	33.	-1.4	-.12
2	12	78	15	-1.8	-.09	.83	2.8	36.	1.9	34.	2.2	1.	3.9	34.	-1.4	-.12
2	12	78	16	-2.0	-.09	.86	2.9	35.	2.1	32.	2.6	1.	3.5	33.	-1.4	-.20
2	12	78	17	-2.2	-.08	.91	2.9	35.	1.4	31.	2.7	1.	3.2	32.	-2.1	-.12
2	12	78	18	-2.0	-.05	.89	3.0	34.	1.3	30.	2.6	1.	3.5	32.	-2.1	-.20
2	12	78	19	-1.7	-.05	.88	2.4	35.	1.9	28.	2.4	1.	3.5	32.	-1.4	-.20
2	12	78	20	-1.5	-.04	.88	2.5	34.	2.1	29.	2.4	1.	3.5	32	-1.4	-.20
2	12	78	21	-1.4	-.05	.89	2.3	35.	2.0	28.	2.9	1.	3.2	32	-1.4	-.12
2	12	78	22	-1.3	-.05	.91	2.4	35.	1.2	29.	3.0	1.	3.2	33.	-.7	-.21
2	12	78	23	-1.0	-.03	.92	1.5	2.	1.1	27.	2.8	1.	3.2	33.	-.7	-.13
2	12	78	24	-.6	-.01	.93	1.1	1035.	1.7	26.	4.4	1.	3.5	5.	0.0	-.21
3	12	78	1	-.2	-.05	.92	3.9	5.	1.5	8.	6.2	3.	2.5	2.	0.0	-.21
3	12	78	2	.0	-.06	.92	2.7	4.	1.8	8.	6.4	3.	2.5	3.	.7	-.21
3	12	78	3	.1	-.06	.92	2.0	4.	1.5	6.	5.6	2.	2.5	35.	.7	-.21
3	12	78	4	.3	-.05	.92	2.6	5.	.9	4.	6.2	3.	3.2	6.	.7	-.21
3	12	78	5	.5	-.05	.92	3.2	6.	1.5	9.	6.0	4.	3.2	5.	.7	-.21
3	12	78	6	.7	-.05	.91	3.2	5.	2.6	9.	5.6	3.	3.5	5.	1.4	-.22
3	12	78	7	.8	-.05	.91	3.1	6.	3.4	10.	5.9	4.	4.6	8.	1.4	-.30
3	12	78	8	1.0	-.03	.91	2.9	7.	3.7	10.	5.6	3.	4.6	7.	2.1	-.22
3	12	78	9	1.1	-.03	.89	3.3	6.	3.6	10.	4.7	3.	5.3	9.	2.1	-.30
3	12	78	10	1.0	-.04	.87	3.5	7.	4.1	10.	4.6	4.	4.9	8.	2.1	-.22
3	12	78	11	.8	-.07	.88	3.8	7.	4.6	10.	5.4	5.	5.3	8.	1.4	-.30
3	12	78	12	.4	-.09	.85	4.7	7.	5.9	10.	5.9	5.	5.3	8.	.7	-.29
3	12	78	13	-.2	-.09	.81	4.3	7.	3.9	9.	5.4	5.	7.4	9.	.7	-.29
3	12	78	14	-.6	-.09	.77	3.5	5.	3.8	8.	4.2	3.	4.9	8.	.7	-.29
3	12	78	15	-1.0	-.08	.76	2.8	4.	2.3	6.	4.3	3.	4.6	6.	0.0	-.29
3	12	78	16	-1.1	-.07	.74	3.0	5.	3.5	6.	4.6	3.	5.6	6.	0.0	-.29
3	12	78	17	-1.3	-.07	.73	3.8	5.	3.6	8.	5.6	3.	6.0	7.	-.7	-.29
3	12	78	18	-1.6	-.09	.75	3.9	6.	4.1	8.	6.6	3.	6.0	7.	-.7	-.29
3	12	78	19	-1.9	-.08	.73	5.1	6.	4.2	8.	6.6	3.	5.6	7.	-.7	-.29
3	12	78	20	-2.3	-.09	.73	4.5	6.	3.1	10.	5.9	3.	5.3	8	-1.4	-.28
3	12	78	21	-2.5	-.08	.72	3.4	6.	2.4	8.	4.1	4.	4.9	9.	-1.4	-.26
3	12	78	22	-2.8	-.08	.71	3.7	6.	1.7	6.	4.8	4.	5.3	8	-2.1	-.28
3	12	78	23	-2.9	-.06	.70	2.9	4.	1.6	6.	4.4	4.	4.9	6.	-2.1	-.20
3	12	78	24	-3.0	-.05	.68	4.0	4.	1.8	6.	3.8	2.	4.9	6.	-2.1	-.20

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
4	12	78	1	-3.2	-.06	.70	4.0	2.	3.1	3.	5.4	1	7.0	3.	-2.1	-.28
4	12	78	2	-3.3	-.05	.72	3.5	2.	3.4	3.	5.9	2.	5.6	3.	-2.1	-.28
4	12	78	3	-3.3	-.05	.72	3.4	2.	3.2	3.	6.0	2.	4.9	3.	-2.1	-.20
4	12	78	4	-3.3	-.06	.74	3.2	2.	2.3	2.	5.6	1.	5.6	3.	-2.1	-.28
4	12	78	5	-3.2	-.06	.74	2.3	2.	1.5	2.	5.4	2.	5.3	3.	-2.1	-.20
4	12	78	6	-3.1	-.05	.75	3.3	3.	2.0	2.	5.9	1.	4.9	4.	-2.1	-.28
4	12	78	7	-3.0	-.05	.76	4.9	5.	2.3	3.	8.4	2.	6.0	4.	-2.1	-.36
4	12	78	8	-2.9	-.03	.77	4.3	3.	2.5	2.	7.9	2.	3.2	5.	-2.1	-.20
4	12	78	9	-2.8	-.04	.77	3.8	2.	2.5	2.	7.4	2.	3.9	5.	-2.1	-.20
4	12	78	10	-2.6	-.05	.77	4.1	2.	2.1	2.	6.9	2.	4.6	5	-2.1	-.20
4	12	78	11	-2.4	-.10	.77	3.0	4.	1.9	3.	4.8	2.	3.9	5.	-1.4	-.20
4	12	78	12	-2.2	-.12	.77	2.2	4.	.9	3.	4.1	2.	3.5	5	-1.4	-.20
4	12	78	13	-2.1	-.14	.77	2.6	4.	1.5	3.	5.1	1.	4.6	5.	-1.4	-.20
4	12	78	14	-2.1	-.11	.78	2.4	3.	1.8	3.	5.2	1.	4.6	3.	-1.4	-.20
4	12	78	15	-2.4	-.09	.79	3.4	2.	1.4	3.	6.3	1.	5.3	4.	-1.4	-.20
4	12	78	16	-2.9	-.06	.80	3.2	2.	1.6	3.	5.9	2.	5.6	3.	-2.1	-.28
4	12	78	17	-2.9	-.05	.80	3.9	3.	1.2	2.	6.2	2.	3.5	3.	-2.1	-.20
4	12	78	18	-2.9	-.03	.80	4.0	3.	1.6	2.	6.9	2.	3.9	1.	-2.1	-.20
4	12	78	19	-3.1	.04	.79	3.4	3.	1.7	34.	5.2	2.	2.8	35.	-2.1	-.20
4	12	78	20	-3.2	.05	.80	2.7	2.	1.2	32.	4.3	2.	3.5	3.	-2.1	-.20
4	12	78	21	-4.3	.14	.82	2.2	1.	1.5	34.	3.6	1.	3.2	1.	-2.1	-.20
4	12	78	22	-5.3	.30	.85	2.3	36.	.9	34.	3.2	1.	3.5	1.	-2.8	-.19
4	12	78	23	-5.3	.22	.85	2.7	1.	.8	33.	3.5	2.	2.1	34.	-4.2	-.10
4	12	78	24	-5.5	.27	.86	2.7	1.	.9	34.	3.2	2.	1.8	33.	-5.6	.06
5	12	78	1	-5.7	.28	.86	2.3	2.	.8	33.	2.5	1.	1.8	33.	-6.3	.07
5	12	78	2	-6.4	.40	.86	2.1	34.	.6	32.	2.1	1.	2.1	34.	-6.3	.15
5	12	78	3	-6.6	.32	.84	3.0	34.	.8	32.	2.1	1.	1.8	33.	-7.0	.15
5	12	78	4	-6.7	.29	.81	3.9	35.	1.3	32.	2.8	1.	1.8	33.	-7.7	.08
5	12	78	5	-7.1	.29	.82	3.3	35.	1.3	34.	2.1	1.	1.8	33.	-7.7	-.00
5	12	78	6	-7.8	.46	.82	2.8	35.	1.3	34.	1.9	1.	1.4	34.	-7.7	-.00
5	12	78	7	-8.1	.43	.84	2.9	34.	.5	34.	2.1	1.	2.1	32.	-8.4	.00
5	12	78	8	-8.3	.36	.88	3.0	32.	1.1	34.	2.1	1.	2.5	32.	-7.7	-.00
5	12	78	9	-7.1	.27	.89	2.2	34.	1.1	32.	2.1	36.	1.1	29.	-6.3	-.01
5	12	78	10	-5.9	-.03	.89	2.6	32.	.7	8.	1.7	1.	2.5	32.	-5.6	-.02
5	12	78	11	-5.0	-.06	.90	1.2	28.	.6	14.	.7	3.	1.8	31.	-4.9	-.10
5	12	78	12	-4.2	-.27	.87	.7	32.	.6	20.	1.3	1.	1.8	33.	-4.2	-.10
5	12	78	13	-3.6	-.20	.86	1.8	32.	.6	32.	1.7	2.	2.1	32.	-3.5	-.19
5	12	78	14	-3.4	-.17	.84	.9	32.	.8	32.	1.6	1.	1.8	33.	-3.5	-.11
5	12	78	15	-4.0	.05	.83	.6	36.	.6	33.	1.4	1.	1.1	32.	-3.5	-.11
5	12	78	16	-4.4	.15	.82	.3	1004.	.7	32.	1.8	2.	1.8	18.	-3.5	-.11
5	12	78	17	-4.1	.11	.83	.9	34.	1.1	32.	2.4	1.	1.4	33.	-3.5	-.11
5	12	78	18	-3.9	.15	.83	.7	36.	1.3	33.	2.8	1.	1.4	33.	-3.5	-.11
5	12	78	19	-3.7	.12	.83	.5	32.	.9	33.	2.9	1.	1.4	32.	-3.5	-.11
5	12	78	20	-3.7	.14	.83	.9	34.	1.1	34.	3.3	1.	2.1	33.	-2.8	-.11
5	12	78	21	-4.0	-.06	.85	1.8	36.	1.4	34.	3.3	1.	2.8	33.	-3.5	-.11
5	12	78	22	-4.5	-.08	.88	1.6	1.	1.4	34.	3.5	1.	3.2	32.	-3.5	-.11
5	12	78	23	-5.3	.02	.89	2.4	36.	1.3	34.	3.6	2.	3.5	33.	-4.9	-.10
5	12	78	24	-5.8	-.01	.90	2.3	36.	1.0	34.	3.5	1.	3.2	32.	-4.9	-.18
6	12	78	1	-6.0	-.08	.89	2.0	36.	1.2	2.	3.5	1.	3.2	33.	-4.9	-.18
6	12	78	2	-6.1	-.08	.89	1.4	36.	1.6	2.	3.1	1.	3.2	32.	-5.6	-.19
6	12	78	3	-6.2	-.06	.89	1.4	36.	1.5	2.	3.5	1.	3.2	33.	-6.3	-.09
6	12	78	4	-6.6	-.05	.89	1.6	36.	.9	2.	3.4	1.	2.8	32.	-6.3	-.17
6	12	78	5	-6.8	-.06	.88	2.1	36.	1.9	2.	3.0	1.	2.5	32.	-6.3	-.09
6	12	78	6	-6.8	-.03	.89	1.9	35.	1.4	1.	3.1	1.	3.2	32.	-6.3	-.09
6	12	78	7	-6.6	-.09	.88	1.8	35.	.9	1.	2.8	1.	2.8	34.	-6.3	-.17
6	12	78	8	-6.8	-.09	.87	1.6	36.	.9	1.	3.1	1.	2.5	33.	-6.3	-.09
6	12	78	9	-7.1	-.05	.88	1.7	35.	1.1	1.	3.1	1.	3.2	33.	-6.3	-.09
6	12	78	10	-7.0	-.09	.87	1.6	35.	.9	2.	2.8	1.	3.5	33.	-6.3	-.17
6	12	78	11	-6.6	-.24	.85	2.0	34.	.8	2.	2.8	1.	3.2	33.	-6.3	-.17
6	12	78	12	-6.3	-.27	.85	1.5	35.	1.1	1.	2.9	1.	3.2	33.	-6.3	-.09
6	12	78	13	-6.1	-.21	.83	1.9	35.	1.5	1.	3.1	1.	3.2	33.	-5.6	-.10
6	12	78	14	-6.0	-.15	.84	1.9	34.	1.3	2.	3.3	1.	3.9	33.	-5.6	-.18
6	12	78	15	-6.3	-.06	.86	2.6	34.	1.1	2.	3.1	1.	3.5	33.	-4.9	-.18
6	12	78	16	-6.1	-.02	.86	2.3	35.	1.4	1.	2.9	1.	3.9	33.	-4.9	-.10
6	12	78	17	-6.8	.22	.89	2.0	36.	1.2	1.	2.5	2.	2.1	33.	-5.6	-.10
6	12	78	18	-7.7	.49	.89	1.3	35.	.5	6.	2.1	1.	2.5	32.	-6.3	-.09
6	12	78	19	-7.9	.49	.83	1.8	35.	.5	2	2.1	1.	2.1	32.	-6.3	-.09
6	12	78	20	-8.3	.46	.88	1.7	34.	.5	2.	2.1	1.	2.5	32.	-7.0	-.09
6	12	78	21	-8.4	.42	.88	2.0	33.	.3	2.	2.2	1.	2.5	32.	-7.0	-.09
6	12	78	22	-8.1	.29	.88	1.8	33.	.5	2.	2.3	1.	2.1	32.	-7.7	-.00
6	12	78	23	-8.3	.31	.88	2.5	33.	.5	3.	2.1	1.	2.8	32.	-7.7	-.00
6	12	78	24	-8.4	.21	.88	2.3	33.	.8	2.	1.9	1.	2.5	32.	-7.7	-.00

			T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
7	12	78	1	-8.7	.27	.87	2.3	34.	.9	36.	2.1	1.	1.8	34.	-7.7	-.08
7	12	78	2	-8.7	.26	.87	2.6	34.	.7	36.	2.1	1.	2.5	32.	-7.7	-.08
7	12	78	3	-8.8	.29	.87	2.6	34.	.3	2.	2.1	1.	1.8	34.	-7.7	-.08
7	12	78	4	-8.8	.29	.87	2.4	33.	.5	4.	1.9	1	2.1	33.	-8.4	.00
7	12	78	5	-9.2	.28	.87	2.1	33.	.3	6.	1.6	1.	2.5	33.	-8.4	.00
7	12	78	6	-9.2	.31	.87	1.7	32.	.3	2.	1.6	1.	1.8	35.	-8.4	-.08
7	12	78	7	-9.6	.45	.86	1.8	33.	.5	2.	1.7	1.	2.1	34.	-9.1	.00
7	12	78	8	-9.8	.34	.86	1.8	34.	.4	2.	1.7	1.	2.5	33.	-9.1	.00
7	12	78	9	-10.3	.42	.85	.9	1.	.4	20.	1.5	1.	1.1	33.	-9.8	.01
7	12	78	10	-8.6	.16	.85	.5	1003.	.5	32.	1.9	1	1.1	34.	-9.1	.00
7	12	78	11	-8.2	-.10	.85	1.3	4.	.5	26.	2.1	2.	3.5	38.	-7.0	-.25
7	12	78	12	-8.4	-.06	.85	2.5	5.	.6	26.	3.5	3.	4.2	9.	-6.3	-.25
7	12	78	13	-8.0	-.17	.85	2.2	4.	.7	10.	3.9	4.	4.9	8.	-7.0	-.25
7	12	78	14	-7.9	-.19	.85	2.5	1.	2.5	6.	5.9	1.	6.0	8.	-6.3	-.25
7	12	78	15	-8.1	-.18	.85	2.6	36.	1.7	3.	5.6	1.	5.6	4.	-6.3	-.25
7	12	78	16	-8.0	-.10	.84	1.9	36.	3.4	2.	5.0	2.	4.9	4.	-6.3	-.17
7	12	78	17	-7.6	-.09	.84	2.1	35.	2.9	34.	3.4	1.	4.2	3.	-5.6	-.18
7	12	78	18	-7.3	-.09	.84	2.8	36.	2.1	35.	3.3	2.	3.5	1.	-5.6	-.18
7	12	78	19	-7.1	-.09	.84	2.9	36.	1.8	34.	3.4	1.	4.6	2.	-5.6	-.18
7	12	78	20	-6.9	-.09	.84	2.8	1.	1.5	3.	4.6	2.	5.3	3.	-4.9	-.26
7	12	78	21	-6.8	-.09	.84	3.2	1.	2.1	3.	5.4	2.	6.3	4.	-4.9	-.34
7	12	78	22	-6.7	-.09	.85	3.1	2.	1.9	2.	5.2	3.	6.7	4.	-4.9	-.34
7	12	78	23	-6.7	-.09	.86	3.4	1.	2.4	2.	5.1	2.	5.3	4	-4.9	-.26
7	12	78	24	-6.5	-.08	.86	3.9	1.	3.3	34.	5.3	1.	4.2	35.	-4.9	-.18
8	12	78	1	-6.2	-.09	.85	3.3	35.	2.6	32.	3.9	36.	5.6	33.	-5.6	-.18
8	12	78	2	-6.2	-.09	.85	2.8	35.	2.9	29.	2.1	36.	5.6	33.	-6.3	-.17
8	12	78	3	-6.2	-.09	.85	1.7	33.	2.3	29.	2.4	2.	6.0	33.	-6.3	-.17
8	12	78	4	-6.3	-.09	.85	2.5	34.	1.1	29.	2.9	1.	6.0	34.	-6.3	-.17
8	12	78	5	-6.3	-.09	.84	2.6	35.	1.1	32.	3.5	1.	4.6	34.	-6.3	-.09
8	12	78	6	-6.0	-.09	.83	2.5	1.	1.6	28.	3.4	1.	3.5	33.	-5.6	-.10
8	12	78	7	-5.9	-.09	.82	3.0	36.	1.7	29.	3.1	1.	4.2	33.	-5.6	-.10
8	12	78	8	-5.8	-.09	.82	2.8	35.	2.6	29.	2.4	1.	4.9	33.	-5.6	-.18
8	12	78	9	-5.8	-.06	.82	2.8	36.	1.5	29.	3.9	1.	4.6	34.	-5.6	-.10
8	12	78	10	-5.3	-.08	.81	2.3	36.	1.9	28.	3.9	1.	3.5	33.	-4.9	-.10
8	12	78	11	-4.7	-.10	.81	2.1	1.	1.5	28.	5.2	2.	2.8	34.	-4.2	-.18
8	12	78	12	-4.3	-.12	.80	1.6	4.	1.5	26.	7.3	2.	4.2	1.	-3.5	-.19
8	12	78	13	-4.5	-.09	.80	4.7	2.	2.1	6.	6.2	2.	6.0	3.	-3.5	-.27
8	12	78	14	-4.7	-.09	.79	5.0	4.	1.9	6.	6.1	3.	6.3	4.	-3.5	-.35
8	12	78	15	-5.0	-.08	.80	4.3	3.	.8	6.	6.6	2.	6.3	4.	-3.5	-.35
8	12	78	16	-5.0	-.07	.81	5.1	3.	3.2	6.	7.2	3.	7.4	3.	-3.5	-.35
8	12	78	17	-5.2	-.07	.81	5.2	4.	4.6	7.	7.2	2.	4.2	4.	-3.5	-.35
8	12	78	18	-5.2	-.08	.81	5.4	3.	2.3	6.	7.2	3.	8.1	4.	-3.5	-.35
8	12	78	19	-5.4	-.08	.81	5.3	3.	3.9	6.	6.7	3.	7.7	4.	-3.5	-.35
8	12	78	20	-5.4	-.09	.82	3.8	2.	2.6	6.	5.9	2.	7.4	5.	-3.5	-.35
8	12	78	21	-5.4	-.09	.82	3.4	1.	2.5	5.	5.3	2.	5.6	4.	-3.5	-.35
8	12	78	22	-5.3	-.09	.82	3.5	2.	2.9	6.	5.8	2.	7.0	4.	-3.5	-.35
8	12	78	23	-5.4	-.09	.82	3.6	2.	2.5	4.	6.4	1.	6.3	4.	-3.5	-.27
8	12	78	24	-5.3	-.09	.82	3.0	2.	2.3	4.	6.9	2.	6.0	4.	-3.5	-.27
9	12	78	1	-5.1	-.08	.81	3.4	1.	2.6	4.	6.8	1.	7.0	4.	-3.5	-.27
9	12	78	2	-4.9	-.07	.80	4.3	2.	2.9	2.	7.4	1.	6.7	3.	-3.5	-.27
9	12	78	3	-4.8	-.06	.80	4.1	2.	2.1	3.	6.6	1.	6.3	3.	-3.5	-.27
9	12	78	4	-4.6	-.05	.81	2.6	3.	2.8	4.	6.2	1.	6.0	4.	-3.5	-.27
9	12	78	5	-4.5	-.04	.81	3.6	2.	3.6	3.	8.6	1.	7.7	3.	-3.5	-.27
9	12	78	6	-4.4	-.05	.81	2.2	2.	3.5	4.	6.6	1.	6.7	4.	-3.5	-.27
9	12	78	7	-4.3	-.07	.80	3.7	2.	3.0	3.	6.9	1.	7.0	4.	-3.5	-.27
9	12	78	8	-4.5	-.07	.80	3.5	2.	3.6	3.	6.6	1.	7.0	4.	-3.5	-.27
9	12	78	9	-4.5	-.08	.79	4.1	2.	2.5	3.	6.9	1.	5.6	3.	-3.5	-.27
9	12	78	10	-4.5	-.09	.78	4.2	3.	1.9	2.	6.4	1.	6.0	3.	-3.5	-.27
9	12	78	11	-4.4	-.09	.77	3.6	3.	2.6	2.	5.9	3.	6.3	4.	-3.5	-.27
9	12	78	12	-4.4	-.10	.77	3.9	3.	2.5	2.	5.6	2.	6.0	4.	-3.5	-.27
9	12	78	13	-4.4	-.09	.78	4.1	2.	2.5	2.	5.6	1.	7.4	3.	-3.5	-.27
9	12	78	14	-4.5	-.09	.79	4.3	2.	2.8	33.	5.6	1.	6.7	3.	-3.5	-.19
9	12	78	15	-4.7	-.09	.78	4.9	2.	2.4	32.	5.3	1.	7.0	2.	-3.5	-.19
9	12	78	16	-4.8	-.09	.77	4.1	2.	2.2	32.	4.4	1.	5.3	3.	-3.5	-.19
9	12	78	17	-4.8	-.09	.76	3.9	2.	2.9	34.	3.9	2.	5.3	2.	-3.5	-.19
9	12	78	18	-4.8	-.09	.76	4.3	1.	2.8	32.	4.2	1.	4.9	2.	-3.5	-.19
9	12	78	19	-4.7	-.07	.76	4.2	1.	3.1	29.	4.3	1.	4.6	34.	-4.2	-.18
9	12	78	20	-4.6	-.08	.76	3.9	1.	3.4	28.	4.4	1.	5.6	32.	-4.2	-.18
9	12	78	21	-4.8	-.05	.77	3.3	35.	4.1	28.	3.4	1.	4.6	33.	-4.9	-.18
9	12	78	22	-4.8	-.06	.78	2.7	33.	4.6	29.	2.4	34.	5.3	33.	-4.9	-.18
9	12	78	23	-5.2	-.09	.77	2.3	33.	3.5	29.	2.4	34.	4.9	34.	-4.9	-.18
9	12	78	24	-5.4	-.06	.78	2.3	33.	4.1	29.	3.1	32.	4.2	34.	-4.9	-.18

				T-AS	DT-AS	GRI-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-KA	D-KA	T-KA	DT-KA
10	12	78	1	-5.5	-.06	.77	2.0	33.	3.2	29.	2.9	32.	5.3	35.	-4.9	-.10
10	12	78	2	-5.8	-.09	.78	2.0	34.	3.4	29.	2.6	32.	4.9	35.	-5.6	-.10
10	12	78	3	-6.0	-.06	.78	1.9	33.	3.8	29.	2.4	32.	4.6	35.	-5.6	-.10
10	12	78	4	-6.2	-.08	.78	2.6	34.	3.4	28.	2.9	31.	5.3	35.	-6.3	-.17
10	12	78	5	-6.7	-.09	.78	3.0	33.	3.4	29.	2.7	31.	4.9	34.	-7.0	-.17
10	12	78	6	-7.6	-.09	.78	2.7	35.	2.7	29.	2.6	32	4.9	34.	-7.7	-.16
10	12	78	7	-8.6	-.07	.79	3.2	33	2.4	33.	2.4	34.	4.6	33.	-9.1	-.08
10	12	78	8	-10.3	.16	.82	2.4	34.	1.4	32.	2.2	34	3.5	33.	-9.8	-.07
10	12	78	9	-11.1	.19	.83	2.9	33.	1.5	34.	2.2	1.	2.8	33.	-10.5	-.07
10	12	78	10	-11.0	.05	.83	2.7	34.	1.3	34.	2.5	1.	3.2	32.	-10.5	-.07
10	12	78	11	-10.2	-.10	.82	2.1	34.	1.1	32.	2.6	2.	3.2	32.	-9.1	-.08
10	12	78	12	-9.2	-.26	.79	2.2	33.	1.2	32.	2.6	2.	2.5	32.	-7.7	-.08
10	12	78	13	-8.2	-.24	.75	1.9	33.	1.1	29.	2.3	2.	2.5	32.	-7.7	-.08
10	12	78	14	-8.4	-.12	.76	2.1	33.	.9	32.	2.5	2.	2.5	32.	-8.4	.00
10	12	78	15	-9.7	.21	.77	2.2	34.	.7	32.	2.3	1.	2.5	32.	-9.1	-.08
10	12	78	16	-10.5	.49	.81	2.4	34.	.7	33.	3.0	1.	2.8	32.	-9.1	-.08
10	12	78	17	-10.6	.35	.83	3.0	35.	.9	31.	2.1	1.	2.5	32.	-9.1	.00
10	12	78	18	-9.8	.29	.84	2.6	30.	1.1	32.	2.2	1.	3.2	31.	-10.5	.09
10	12	78	19	-10.5	.27	.89	2.5	35.	.6	32.	2.8	1.	1.8	32.	-9.8	.01
10	12	78	20	-10.3	.24	.85	2.8	32.	1.1	31.	1.7	1.	2.5	32.	-9.8	-.07
10	12	78	21	-10.3	.19	.86	2.2	33.	.8	32.	2.5	1.	1.8	31.	-10.5	.01
10	12	78	22	-10.1	.19	.84	2.7	36.	1.1	29.	2.5	1.	1.4	33.	-9.1	.00
10	12	78	23	-9.6	.16	.85	3.0	32.	.9	32.	2.8	1.	3.2	32.	-9.8	.01
10	12	78	24	-9.5	.21	.85	1.6	2.	.6	30.	1.7	1.	1.1	31.	-9.1	-.08
11	12	78	1	-9.9	.34	.85	.6	32.	.7	28.	1.1	2.	1.8	32.	-8.4	-.16
11	12	78	2	-9.0	.19	.87	1.1	33.	.7	29.	2.1	1	2.1	32.	-9.1	-.08
11	12	78	3	-9.0	.25	.86	.9	30.	.5	33.	.8	2.	1.8	32.	-8.4	.00
11	12	78	4	-8.3	.03	.86	1.5	32.	.9	31.	2.6	2.	2.1	32.	-8.4	.00
11	12	78	5	-8.4	.00	.84	1.2	2.	.7	32.	1.9	1.	2.1	33.	-7.7	-.16
11	12	78	6	-8.1	.12	.83	1.4	3.	.7	29.	3.1	1.	2.5	1.	-6.3	-.17
11	12	78	7	-7.3	.00	.80	1.7	3.	1.1	28.	3.9	1.	3.5	3.	-6.3	-.25
11	12	78	8	-7.1	-.08	.79	1.5	1.	1.1	30.	2.7	1.	2.8	2.	-6.3	-.17
11	12	78	9	-6.9	-.09	.78	1.7	1.	.9	32.	3.1	1.	3.2	3.	-5.6	-.18
11	12	78	10	-6.5	-.08	.79	2.1	2.	1.1	30.	4.8	1.	3.2	2.	-5.6	-.18
11	12	78	11	-6.1	-.11	.80	2.2	2.	1.1	32.	3.9	1.	3.2	3.	-4.9	-.18
11	12	78	12	-5.6	-.13	.81	2.4	2.	.8	29.	4.1	1.	3.2	1.	-4.9	-.18
11	12	78	13	-5.6	-.11	.82	2.6	2.	1.4	29.	3.4	2.	3.5	3.	-4.2	-.18
11	12	78	14	-5.5	-.10	.85	2.4	2.	1.6	29.	3.6	2.	3.9	1.	-4.2	-.18
11	12	78	15	-5.5	-.10	.88	2.0	36.	1.1	28.	2.9	2.	3.2	1.	-4.9	-.18
11	12	78	16	-5.5	-.09	.88	1.8	1.	1.1	31.	3.3	1.	2.8	1.	-4.9	-.18
11	12	78	17	-5.3	-.09	.88	1.9	36.	.8	32.	3.6	1.	2.5	0.	-4.2	-.18
11	12	78	18	-5.0	-.09	.88	1.5	36.	1.1	32.	3.4	1.	2.5	33.	-4.2	-.10
11	12	78	19	-4.7	-.07	.88	2.0	36.	.9	32.	3.8	1.	2.5	2	-3.5	-.19
11	12	78	20	-4.5	-.08	.88	2.3	36.	1.0	32.	3.5	1.	2.8	35.	-3.5	-.11
11	12	78	21	-4.3	-.08	.88	2.0	36.	.9	29.	3.3	1.	2.8	33	-3.5	-.11
11	12	78	22	-4.0	-.07	.87	1.4	35.	1.4	30.	3.7	1	2.8	2.	-2.8	-.19
11	12	78	23	-3.8	-.09	.87	1.6	1.	1.4	30.	3.1	1.	3.2	3.	-2.8	-.19
11	12	78	24	-3.6	-.08	.87	1.5	36.	.9	29.	3.6	1.	2.8	35.	-2.8	-.11
12	12	78	1	-3.4	-.09	.87	2.2	1.	.9	30.	4.9	1.	2.5	33.	-2.8	-.11
12	12	78	2	-3.4	-.09	.87	2.4	2.	1.1	28.	5.9	2.	3.5	3.	-2.1	-.20
12	12	78	3	-3.5	-.09	.86	3.8	2.	1.1	28.	7.2	1.	2.8	4.	-2.1	-.20
12	12	78	4	-3.4	-.06	.86	4.3	3.	.8	22.	5.9	2.	3.5	3.	-2.1	-.20
12	12	78	5	-3.3	-.07	.87	4.2	3.	1.1	8.	5.3	1.	5.6	5.	-1.4	-.28
12	12	78	6	-3.2	-.08	.87	3.3	1.	2.2	2.	5.9	1.	6.0	4.	-1.4	-.28
12	12	78	7	-3.0	-.08	.86	3.3	2.	1.7	3.	6.3	1.	4.6	4.	-1.4	-.28
12	12	78	8	-2.7	-.06	.86	2.6	2.	1.1	2.	5.2	1.	6.3	5.	-1.4	-.20
12	12	78	9	-2.5	-.06	.87	3.0	1.	1.6	2.	6.9	1	6.3	3.	-1.4	-.20
12	12	78	10	-2.4	-.06	.88	3.5	2.	1.9	2.	5.4	1.	6.7	3.	-1.4	-.28
12	12	78	11	-2.3	-.07	.88	3.3	2.	.8	3.	5.4	1.	6.7	3.	-1.4	-.28
12	12	78	12	-2.2	-.07	.88	3.1	2.	1.1	6.	6.4	1.	5.6	4.	-.7	-.29
12	12	78	13	-2.1	-.07	.89	2.9	3.	1.2	2.	5.9	1.	4.2	5.	-.7	-.21
12	12	78	14	-2.0	-.07	.90	1.7	1.	2.8	2.	4.2	1.	3.5	5.	-.7	-.21
12	12	78	15	-2.0	-.10	.92	3.0	2.	2.3	3.	6.9	1.	5.6	4.	-1.4	-.20
12	12	78	16	-2.3	-.07	.91	3.7	2.	2.3	2.	8.4	1.	7.4	4.	-.7	-.29
12	12	78	17	-2.2	-.05	.91	3.0	2.	2.9	3.	5.9	1.	4.6	4.	-1.4	-.28
12	12	78	18	-2.2	-.05	.92	3.2	3.	2.5	2.	6.9	1.	6.7	4.	-.7	-.37
12	12	78	19	-2.3	-.07	.93	4.2	3.	1.9	2.	7.4	1.	7.0	4.	-.7	-.29
12	12	78	20	-2.2	-.05	.93	3.8	2.	1.5	2.	6.6	1.	6.7	4.	-1.4	-.28
12	12	78	21	-2.1	-.13	.92	4.0	2.	1.5	36.	7.4	1.	7.4	4.	-.7	-.37
12	12	78	22	-2.0	-.06	.90	4.1	3.	2.1	3.	6.9	1.	8.1	4.	0.0	-.29
12	12	78	23	-1.8	-.04	.89	4.1	3.	2.1	2.	7.4	1.	8.1	4.	0.0	-.37
12	12	78	24	-1.7	-.05	.89	4.4	2.	2.1	2.	8.1	1.	8.4	4.	0.0	-.29

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
13	12	78	1	-1.6	-.05	.89	4.7	2.	1.7	32.	7.4	1	8.4	4.	0.0	-.37
13	12	78	2	-1.7	-.06	91	4.5	2.	1.9	34.	6.8	1.	7.0	4.	-.7	-.37
13	12	78	3	-1.7	-.10	.92	4.5	2.	1.6	33.	6.9	1.	6.0	3.	-.7	-.29
13	12	78	4	-1.6	-.06	.93	3.9	2.	2.1	34.	6.4	1.	5.3	3.	-.7	-.21
13	12	78	5	-1.5	-.06	.94	4.0	2.	1.6	33.	6.7	1.	6.0	3.	-.7	-.21
13	12	78	6	-1.3	-.05	.94	3.8	3.	1.9	34.	6.6	1.	6.0	3.	0.0	-.21
13	12	78	7	-1.2	-.06	.94	4.3	3.	3.1	4.	7.4	1.	7.0	4.	.7	-.29
13	12	78	8	-1.0	-.13	.91	4.2	4.	3.5	6.	6.6	1.	7.0	4.	.7	-.45
13	12	78	9	-.8	-.05	.91	4.3	4.	5.1	6.	6.6	1.	6.3	4.	.7	-.37
13	12	78	10	-.6	-.05	.89	4.4	4.	5.2	6.	6.2	1.	6.3	4.	.7	-.53
13	12	78	11	-.5	-.07	.88	3.8	4.	5.1	7.	6.4	2.	6.7	4.	.7	-.37
13	12	78	12	-.5	-.09	.86	4.3	4.	5.4	7.	8.2	3.	7.7	6.	.7	-.21
13	12	78	13	-.6	-.09	.86	4.8	4.	4.9	7.	8.4	3.	7.7	5.	.7	-.21
13	12	78	14	-.8	-.08	.86	4.8	4.	4.9	7.	8.4	2.	7.7	5.	.7	-.29
13	12	78	15	-.9	-.06	.85	5.5	3.	5.4	7.	8.1	2.	7.7	5.	.7	-.29
13	12	78	16	-1.1	-.05	.86	6.1	4.	6.2	8.	7.9	2.	6.0	4.	0.0	-.29
13	12	78	17	-1.1	-.05	.85	4.5	2.	6.9	6.	7.2	2.	6.0	4.	0.0	-.29
13	12	78	18	-.9	-.06	.84	4.1	3.	6.9	7.	5.2	2.	5.6	4.	0.0	-.21
13	12	78	19	-1.0	-.05	.85	5.0	3.	5.1	7.	6.6	2.	6.3	5.	0.0	-.29
13	12	78	20	-1.0	-.07	.85	4.7	3.	6.4	8.	7.4	2.	7.0	5.	0.0	-.21
13	12	78	21	-1.1	-.06	.85	4.0	5.	7.0	7.	6.6	2.	6.7	5.	0.0	-.21
13	12	78	22	-1.2	-.08	.85	4.5	3.	7.2	8.	6.9	2.	6.0	4.	-.7	-.21
13	12	78	23	-1.3	-.07	.84	4.7	5.	7.1	8.	7.9	2.	6.3	5.	-.7	-.29
13	12	78	24	-1.4	-.06	.83	4.8	4.	6.4	6.	7.9	2.	8.1	5.	0.0	-.29
14	12	78	1	-1.5	-.06	.81	6.4	3.	4.8	6.	9.0	2.	8.8	5.	0.0	-.29
14	12	78	2	-1.6	-.06	.80	6.9	4.	5.6	7.	9.9	2.	9.5	5.	0.0	-.29
14	12	78	3	-1.7	-.06	.79	6.1	4.	5.4	8.	10.4	4.	9.1	5.	-.7	-.29
14	12	78	4	-1.8	-.07	.79	4.8	5.	6.2	7.	10.0	3.	8.1	6.	-.7	-.21
14	12	78	5	-2.1	-.06	.79	5.6	4.	6.3	7.	8.6	3.	7.7	5.	-.7	-.29
14	12	78	6	-2.4	-.05	.80	4.8	4.	5.6	8.	9.2	3.	7.7	5.	-.7	-.29
14	12	78	7	-2.5	-.08	.81	4.1	5.	3.1	8.	7.6	4.	8.4	6.	-1.4	-.28
14	12	78	8	-2.7	-.08	.82	3.8	3.	3.1	6.	6.6	2.	7.0	5.	-1.4	-.28
14	12	78	9	-3.1	-.07	.83	3.5	2.	2.9	32.	5.9	2.	6.3	6.	-2.1	-.28
14	12	78	10	-3.4	-.08	.82	2.6	1.	3.0	32.	5.4	2.	6.0	6.	-2.1	-.28
14	12	78	11	-3.5	-.08	.82	3.7	1.	2.6	32.	5.9	2.	6.0	5.	-2.1	-.28
14	12	78	12	-3.6	-.09	.82	3.3	1.	3.1	32.	5.3	2.	5.6	5.	-2.1	-.28
14	12	78	13	-3.7	-.08	.81	3.3	1.	2.8	32.	4.5	1.	6.0	5.	-2.8	-.27
14	12	78	14	-3.7	-.08	.80	2.8	35.	2.6	36.	5.4	1.	5.3	5.	-2.8	-.27
14	12	78	15	-3.7	-.06	.78	4.4	4.	3.1	3.	6.6	2.	6.0	5.	-2.8	-.27
14	12	78	16	-3.9	-.05	.79	5.5	3.	3.1	3.	7.2	2.	6.3	5.	-2.8	-.27
14	12	78	17	-4.0	-.05	.77	5.8	4.	2.5	3.	7.6	2.	6.7	4.	-2.8	-.27
14	12	78	18	-4.2	-.05	.77	6.0	4.	2.8	4.	8.2	3.	6.3	5.	-2.8	-.27
14	12	78	19	-4.3	-.05	.76	6.3	4.	3.1	4.	8.1	2.	6.7	4.	-3.5	-.27
14	12	78	20	-4.7	-.05	.76	4.7	3.	2.9	3.	7.2	2.	6.3	5.	-3.5	-.27
14	12	78	21	-5.0	-.07	.75	3.4	2.	2.5	4.	5.9	2.	7.0	3.	-3.5	-.27
14	12	78	22	-5.3	-.05	.75	3.6	2.	2.9	3.	5.6	2.	6.3	4.	-4.2	-.26
14	12	78	23	-5.4	-.06	.77	3.8	2.	3.4	3.	6.4	2.	6.3	3.	-4.2	-.26
14	12	78	24	-5.5	-.05	.78	3.5	2.	3.4	4.	6.4	2.	6.3	3.	-4.2	-.18
15	12	78	1	-5.5	-.05	.78	3.4	2.	3.6	4.	6.4	2.	6.7	3.	-4.2	-.26
15	12	78	2	-5.5	-.04	.78	4.0	3.	3.4	5.	6.2	2.	6.7	4.	-4.2	-.26
15	12	78	3	-5.6	-.05	.78	4.1	3.	3.5	5.	6.4	2.	7.0	4.	-4.2	-.18
15	12	78	4	-5.8	-.05	.79	3.9	3.	4.0	4.	6.7	2.	7.4	4.	-4.2	-.26
15	12	78	5	-5.9	-.05	.77	4.4	3.	3.3	4.	6.2	2.	7.7	4.	-4.9	-.34
15	12	78	6	-6.2	-.05	.78	4.1	2.	4.0	4.	6.3	2.	7.7	4.	-4.9	-.26
15	12	78	7	-6.5	-.05	.78	4.4	3.	3.6	5.	6.4	1.	7.4	4.	-4.9	-.34
15	12	78	8	-6.7	-.05	.77	3.6	3.	2.3	4.	6.4	1.	7.0	4.	-4.9	-.34
15	12	78	9	-6.8	-.06	.77	2.2	1.	2.1	2.	6.4	1.	6.0	4.	-5.6	-.26
15	12	78	10	-6.9	-.09	.77	3.2	3.	1.9	4.	6.4	1.	6.0	3.	-5.6	-.26
15	12	78	11	-6.9	-.09	.77	3.9	3.	1.9	6.	6.3	1.	6.0	3.	-5.6	-.26
15	12	78	12	-6.5	-.17	.74	4.7	4.	2.3	6.	6.9	1.	7.7	4.	-5.6	-.34
15	12	78	13	-6.6	-.15	.73	4.5	4.	2.6	30.	6.4	2.	7.4	4.	-4.9	-.26
15	12	78	14	-6.9	-.10	.74	4.0	4.	2.3	32.	5.4	2.	6.3	4.	-5.6	-.26
15	12	78	15	-7.4	-.03	.76	3.4	4.	1.8	4.	5.3	1.	6.0	4.	-5.6	-.26
15	12	78	16	-7.7	.02	.77	3.5	3.	1.1	4.	4.9	2.	6.0	4.	-5.6	-.26
15	12	78	17	-8.1	.10	.77	3.5	4.	1.3	2.	5.1	2.	5.3	4.	-6.3	-.17
15	12	78	18	-8.7	.21	.79	2.5	3.	.7	30.	3.2	3.	2.8	3.	-6.3	-.17
15	12	78	19	-9.0	.13	.79	2.3	3.	.7	32.	4.3	3.	2.1	35.	-7.7	-.00
15	12	78	20	-8.8	.08	.79	2.4	3.	.6	32.	4.4	2.	2.5	35.	-7.7	-.03
15	12	78	21	-9.1	.13	.79	1.8	1.	.7	33.	3.8	2.	2.5	35.	-8.4	.16
15	12	78	22	-9.7	.19	.81	2.4	1.	.9	32.	3.1	1.	2.1	32.	-9.8	.25
15	12	78	23	-8.9	.08	.79	2.4	1.	.7	31.	3.1	1.	2.1	32.	-9.1	.08
15	12	78	24	-8.7	.01	.78	2.4	1.	.7	32.	2.6	1.	2.5	32.	-8.4	.00

			T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
16	12	78	1	-8.6	.00	.77	2.6	36.	.7	32.	2.1	1.	1.8	33.	-8.4	.00
16	12	78	2	-8.4	-.02	.76	2.9	1.	.5	28.	1.9	2.	1.8	33.	-8.4	.00
16	12	78	3	-8.7	-.01	.77	1.9	1.	.5	28.	2.6	2.	1.8	32.	-8.4	-.08
16	12	78	4	-8.9	-.00	.77	1.7	3.	.5	32.	2.5	2.	3.2	34.	-7.7	-.16
16	12	78	5	-9.1	-.04	.77	1.9	4.	.5	20.	2.3	4.	2.1	3.	-7.7	-.08
16	12	78	6	-9.3	-.05	.78	1.9	3.	.7	30.	1.8	3.	2.5	34.	-7.7	-.16
16	12	78	7	-9.3	-.02	.78	1.3	3.	.5	32.	2.2	4.	1.4	2.	-7.7	-.08
16	12	78	8	-9.7	.03	.79	1.6	6.	.6	12.	1.4	2.	1.8	33.	-8.4	-.08
16	12	78	9	-11.0	.36	.82	1.8	6.	.4	12.	2.1	6.	1.8	33.	-9.1	.00
16	12	78	10	-10.5	.41	.80	2.3	3.	.9	32.	2.6	3.	3.2	3.	-7.7	-.16
16	12	78	11	-8.7	-.02	.76	1.7	3.	.7	32.	2.4	2.	2.1	4.	-8.4	-.08
16	12	78	12	-8.4	-.40	.71	1.2	3.	.5	12.	2.2	2.	2.5	33.	-8.4	-.16
16	12	78	13	-7.2	-.38	.67	.9	3.	.4	22.	2.2	2.	1.1	5.	-7.7	-.00
16	12	78	14	-7.7	-.35	.69	.6	1.	.7	32.	2.2	1.	1.8	33.	-9.1	.00
16	12	78	15	-10.2	.12	.77	.9	4.	.3	16.	1.9	2.	1.4	33.	-9.8	.01
16	12	78	16	-11.8	.46	.81	.8	7.	.5	28.	2.6	2.	2.1	33.	-10.5	.09
16	12	78	17	-10.7	.10	.82	1.1	27.	.4	27.	2.1	2.	2.1	33.	-11.2	.09
16	12	78	18	-11.1	.34	.83	1.4	31.	.6	32.	1.8	2.	1.8	34.	-10.5	.09
16	12	78	19	-11.1	.29	.82	.8	32.	.4	24.	2.2	2.	2.1	33.	-10.5	.17
16	12	78	20	-11.0	.22	.83	.4	31.	.5	28.	1.6	2.	1.8	33.	-10.5	.09
16	12	78	21	-10.6	.21	.85	1.1	29.	1.5	34.	1.9	1.	1.4	33.	-10.5	.09
16	12	78	22	-10.3	.26	.86	.7	29.	.7	30.	3.2	1.	1.1	33.	-9.8	.01
16	12	78	23	-10.2	.27	.84	2.0	34.	.9	28.	2.1	2.	1.4	32.	-9.8	.01
16	12	78	24	-10.8	.43	.83	1.1	1036.	1.4	34.	1.9	2.	1.8	0.	-9.8	.01
17	12	78	1	-9.9	.16	.85	1.9	30.	.6	32.	2.1	2.	2.5	32.	-9.8	.09
17	12	78	2	-10.4	.17	.84	2.3	33.	.9	29.	2.3	2.	2.1	32.	-10.5	.01
17	12	78	3	-10.2	.21	.83	1.9	34.	.4	26.	2.5	1.	1.8	33.	-9.8	.01
17	12	78	4	-9.9	.14	.82	1.9	35.	.5	32.	3.4	1.	2.5	33.	-9.1	.00
17	12	78	5	-8.8	.04	.81	2.2	2.	.5	32.	2.3	1.	2.5	33.	-7.7	-.16
17	12	78	6	-8.4	.06	.84	2.4	33.	.9	34.	.7	3.	3.2	33.	-7.7	-.00
17	12	78	7	-7.7	.09	.87	2.8	32.	.6	12.	1.8	1.	3.2	31.	-7.7	-.08
17	12	78	8	-7.4	.13	.87	2.9	31.	.6	2.	1.6	1.	2.8	31.	-7.0	-.01
17	12	78	9	-7.7	.42	.87	3.0	31.	1.1	2.	2.1	2.	3.5	31.	-7.0	-.01
17	12	78	10	-7.8	.37	.86	2.7	32.	.6	32.	1.5	1.	3.2	30.	-7.0	-.01
17	12	78	11	-7.0	.10	.87	2.5	31.	1.1	31.	1.3	2.	3.5	30.	-5.6	-.02
17	12	78	12	-6.6	-.04	.84	3.1	30.	.8	32.	.9	2.	3.5	30.	-4.9	-.02
17	12	78	13	-5.3	-.04	.79	3.3	30.	.7	2.	1.2	3.	2.5	31.	-4.9	-.02
17	12	78	14	-5.4	-.03	.80	2.9	31.	.8	2.	1.4	2.	2.5	32.	-6.3	-.01
17	12	78	15	-6.5	.17	.83	2.7	31.	.5	3.	1.7	2.	2.5	32.	-6.3	-.01
17	12	78	16	-7.4	.34	.86	2.9	31.	.7	2.	1.1	3.	2.5	32.	-7.7	.08
17	12	78	17	-8.2	.35	.88	2.4	31.	.3	14.	1.1	2.	2.8	32.	-8.4	.24
17	12	78	18	-8.8	.32	.88	2.7	32.	.3	6.	1.5	2.	2.5	32.	-9.8	.33
17	12	78	19	-9.3	.29	.88	2.6	32.	.5	8.	1.8	2.	2.5	31.	-10.5	.25
17	12	78	20	-9.8	.13	.87	2.0	31.	.9	38.	1.1	1.	2.5	32.	-11.9	.50
17	12	78	21	-10.4	.07	.86	1.8	31.	.6	28.	1.8	1.	2.8	33.	-12.6	.50
17	12	78	22	-10.5	.10	.86	2.7	31.	.7	34.	1.3	2.	2.8	32.	-11.9	.34
17	12	78	23	-10.5	.04	.86	1.7	31.	.7	33.	.8	1.	2.8	32.	-12.6	.34
17	12	78	24	-10.5	.01	.85	2.0	31.	.8	24.	1.4	2.	2.5	31.	-11.2	.17
18	12	78	1	-10.4	.08	.85	1.7	31.	.7	2.	1.2	2.	2.5	32.	-11.2	.17
18	12	78	2	-9.9	.24	.85	2.4	30.	.4	20.	1.2	1.	2.5	33.	-11.2	.33
18	12	78	3	-9.2	.14	.86	2.4	31.	1.1	34.	1.5	1.	2.5	33.	-9.8	.09
18	12	78	4	-9.1	.37	.86	1.6	31.	.7	33.	1.9	1.	2.5	34.	-9.8	.09
18	12	78	5	-8.4	.29	.86	2.7	31.	.7	21.	2.1	1.	1.8	33.	-9.1	.00
18	12	78	6	-8.5	.28	.86	.8	34.	.8	31.	1.6	1.	1.4	34.	-8.4	.00
18	12	78	7	-7.9	.28	.87	.7	30.	1.1	34.	1.6	1.	1.8	7.	-7.7	-.08
18	12	78	8	-7.3	.18	.88	1.0	28.	.5	26.	1.5	1.	1.4	33.	-7.7	-.08
18	12	78	9	-7.1	.49	.88	.4	1002.	.4	28.	1.6	2.	1.1	33.	-7.0	99.00
18	12	78	10	-6.1	1.16	.89	1.0	17.	.8	32.	1.2	1.	1.1	35.	-6.3	-.09
18	12	78	11	-4.7	.51	.90	1.4	13.	.3	30.	1.1	1.	1.1	34.	-4.9	-.10
18	12	78	12	-3.7	.62	.92	.9	1016.	.7	32.	.8	2.	1.4	34.	-4.9	-.10
18	12	78	13	-2.6	.69	.93	.3	1027.	.5	30.	1.1	2.	1.1	35.	-3.5	-.11
18	12	78	14	-2.1	.44	.94	.6	23.	.3	9.	1.3	1.	1.1	35.	-3.5	-.11
18	12	79	15	-2.6	1.00	.94	1.0	24.	.8	36.	1.1	2.	1.4	1.	-2.8	-.11
18	12	78	16	-2.5	1.09	.93	.9	25.	.5	36.	1.1	1.	1.8	1.	-2.8	-.11
18	12	78	17	-1.9	1.67	.93	3.0	27.	.5	13.	1.4	1.	1.8	33.	-2.1	-.04
18	12	78	18	.6	1.21	.87	4.3	26.	.3	10.	1.1	1.	1.1	35.	-1.4	-.12
18	12	78	19	2.3	.54	.79	2.8	28.	.4	32.	1.1	1.	.7	35.	-1.4	-.12
18	12	78	20	2.2	.41	.79	2.0	25.	.5	34.	.3	8.	1.1	36.	-1.4	-.04
18	12	78	21	2.5	.30	.78	2.4	26.	.3	12.	1.3	2.	1.1	35.	-.7	-.05
18	12	78	22	2.3	.31	.79	2.5	28.	.6	12.	2.0	1.	1.8	35.	-.7	-.13
18	12	78	23	1.3	.50	.85	1.8	28.	.4	12.	.8	2.	1.1	4.	-.7	-.05
18	12	78	24	1.6	.46	.83	1.7	23.	.6	16.	.6	12.	1.1	35.	-1.4	-.04

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
19	12	78	1	1.4	.54	.84	1.3	24.	.5	4.	.5	3.	1.1	32.	-1.4	-.04
19	12	78	2	1.0	.51	.86	1.5	21.	.6	9.	.6	20.	1.4	0.	-1.4	.20
19	12	78	3	.2	.62	.89	1.3	22.	.4	12.	.9	21.	1.4	31	-1.4	.12
19	12	78	4	.4	.57	.87	1.4	26.	.3	8.	1.9	2.	1.1	38.	-1.4	-.04
19	12	78	5	-.1	.61	.90	.7	23.	.4	10.	1.3	2.	1.1	3.	-2.1	.04
19	12	78	6	.2	.67	.87	.8	26.	.7	8.	1.8	2.	1.4	35.	-2.8	-.03
19	12	78	7	-1.5	.66	.94	.7	5.	.4	6.	1.6	2.	1.1	34.	-3.5	.05
19	12	78	8	-2.2	1.13	.94	1.2	29.	.4	29.	1.8	1.	1.8	35.	-3.5	-.03
19	12	78	9	-2.7	1.02	.93	3.0	34.	.9	2.	1.6	1.	2.1	33.	-4.2	.30
19	12	78	10	-2.4	1.21	.93	3.1	32.	.4	16.	1.4	2.	1.4	32.	-3.5	.13
19	12	78	11	-1.2	1.22	.91	3.8	30.	.5	9.	1.8	1.	2.1	32.	-3.5	.21
19	12	78	12	-.1	1.05	.84	3.1	31.	.3	4.	1.2	1.	1.8	34.	-2.1	-.04
19	12	78	13	1.3	.52	.78	3.1	31.	.4	4.	1.5	1.	1.4	1.	-1.4	-.04
19	12	78	14	.2	.50	.83	2.1	32.	.6	4.	.5	2.	1.1	34.	-2.1	.04
19	12	78	15	-.3	.66	.84	2.5	32.	.5	16.	.9	2.	1.8	34.	-3.5	.21
19	12	78	16	-1.3	.73	.88	2.7	34.	.6	2.	1.4	3.	1.1	33.	-2.8	.29
19	12	78	17	-1.7	1.05	.88	2.9	33.	.7	2.	.6	2.	1.1	7.	-3.5	.13
19	12	78	18	-2.4	1.28	.92	2.7	33.	.4	2.	1.1	2.	1.8	7.	-4.2	.22
19	12	78	19	-2.8	.95	.92	2.9	34.	.5	4.	1.8	2.	1.8	32.	-4.9	.38
19	12	78	20	-2.9	.65	.90	3.1	34.	.4	6.	1.8	2.	1.1	35.	-4.9	.30
19	12	78	21	-3.1	.72	.90	3.3	33.	.5	2.	1.1	2.	2.1	36.	-4.9	.06
19	12	78	22	-4.2	.87	.92	2.3	34.	.3	4.	1.3	2.	1.8	34.	-6.3	.87
19	12	78	23	-4.9	1.18	.93	1.8	35.	.3	4.	.7	2.	1.1	1.	-5.6	.30
19	12	78	24	-4.4	.89	.92	1.3	35.	.7	2.	.4	3.	1.1	38.	-6.3	.23
20	12	78	1	-5.3	1.09	.92	2.5	35.	.4	4.	1.3	1.	1.8	34.	-6.3	.31
20	12	78	2	-4.6	.64	.90	3.3	34.	.5	8.	1.5	2.	1.1	35.	-7.0	.47
20	12	78	3	-5.4	.72	.90	2.3	33.	.4	3.	1.1	2.	1.4	35.	-6.3	.23
20	12	78	4	-6.4	1.29	.90	2.0	34.	.4	6.	.9	1.	1.1	36.	-7.0	.39
20	12	78	5	-6.7	1.04	.90	2.4	35.	.5	2.	.9	2.	1.1	33.	-7.7	.32
20	12	78	6	-7.0	1.31	.90	2.1	35.	.3	14.	1.3	2.	1.8	32.	-8.4	.64
20	12	78	7	-7.1	1.04	.90	2.1	33.	.5	14.	1.2	2.	1.1	34.	-7.7	.48
20	12	78	8	-7.1	.86	.89	1.4	1.	.6	2.	.7	3.	1.1	34.	-7.7	.16
20	12	78	9	-7.2	.54	.89	1.6	9.	.3	12.	.6	2.	1.1	36.	-8.4	.16
20	12	78	10	-7.0	.26	.90	1.3	30.	.3	26.	.4	4.	1.8	34	-9.1	.48
20	12	78	11	-7.1	1.09	.90	1.2	35.	.3	18.	.5	2.	1.4	34.	-8.4	.48
20	12	78	12	-5.9	.46	.90	.7	1.	.3	14.	.3	6.	1.4	32.	-7.7	.32
20	12	78	13	-4.8	.40	.91	1.3	1.	.4	10.	.9	2.	1.4	25.	-6.3	.31
20	12	78	14	-3.9	.09	.92	.9	4.	.3	16.	.5	2.	1.1	34.	-5.6	.22
20	12	78	15	-4.0	.24	.91	1.8	6.	.5	32.	1.6	4.	1.4	38.	-4.9	.30
20	12	78	16	-3.6	.07	.91	2.0	6.	.9	32.	2.3	2.	2.5	11.	-2.8	-.11
20	12	78	17	-3.5	.01	.92	2.7	3.	.7	28.	3.1	2.	4.6	4	-2.1	-.20
20	12	78	18	-3.3	.02	.92	2.8	1.	.8	28.	3.4	2.	2.8	3.	-2.1	-.20
20	12	78	19	-3.1	.04	.92	1.9	36.	1.2	28.	3.1	2.	3.2	34.	-2.8	-.11
20	12	78	20	-3.0	.05	.92	2.4	36.	.8	27.	2.3	2.	3.2	32.	-2.8	-.11
20	12	78	21	-2.8	.05	.91	1.9	1.	.6	24.	1.4	2.	2.5	32.	-2.8	-.11
20	12	78	22	-2.6	.02	.92	1.8	1.	1.4	16.	3.6	2.	2.8	32.	-2.8	-.11
20	12	78	23	-2.4	-.03	.92	3.4	4.	1.1	2.	5.9	3.	4.6	2.	-1.4	-.20
20	12	78	24	-2.6	-.05	.92	4.0	4.	1.6	2.	6.9	4.	4.6	5.	-1.4	-.20
21	12	78	1	-2.9	-.06	.91	3.7	3.	3.0	34.	6.0	2.	3.9	4.	-2.1	-.20
21	12	78	2	-2.8	-.03	.91	4.2	3.	1.3	36.	6.6	2.	4.2	3.	-1.4	-.20
21	12	78	3	-2.6	-.03	.91	1.8	3.	1.8	10.	3.6	2.	2.1	5.	-1.4	-.20
21	12	78	4	-2.4	-.02	.91	1.2	2.	2.4	12.	2.9	1.	2.8	4.	-1.4	-.20
21	12	78	5	-2.0	-.04	.89	1.6	8.	1.2	6.	2.3	4.	2.5	9.	-.7	-.21
21	12	78	6	-1.9	-.05	.90	2.1	7.	1.2	4.	3.1	2.	3.5	11.	-.7	-.21
21	12	78	7	-1.9	-.05	.90	2.6	4.	1.5	4.	4.6	1.	4.2	5.	-.7	-.21
21	12	78	8	-1.8	-.05	.91	2.3	4.	1.1	5.	4.1	2.	4.6	4.	-.7	-.29
21	12	78	9	-1.8	-.04	.92	1.5	3.	1.1	2.	3.8	2.	3.9	4.	-.7	-.21
21	12	78	10	-1.5	-.05	.91	1.5	4.	1.2	28.	4.4	1.	3.9	4.	-.7	-.21
21	12	78	11	-1.2	-.09	.90	1.8	5.	1.1	28.	2.8	2.	2.1	3.	-.7	-.21
21	12	78	12	-.9	-.08	.89	.9	6.	1.1	29.	2.1	3	2.1	5.	0.0	-.21
21	12	78	13	-.9	-.08	.90	1.3	6.	.8	24.	2.6	2.	1.8	5.	0.0	-.21
21	12	78	14	-.9	-.05	.90	1.4	6.	1.6	10.	2.7	3.	1.8	6.	0.0	-.21
21	12	78	15	-.9	-.05	.90	1.9	6.	1.7	9.	3.1	4.	2.8	6.	0.0	-.21
21	12	78	16	-1.0	-.05	.89	2.7	7.	1.8	11.	3.1	6.	3.2	7.	0.0	-.21
21	12	78	17	-1.0	-.05	.89	1.8	8.	1.5	10.	2.4	7.	3.2	9.	0.0	-.21
21	12	78	18	-1.2	-.04	.88	1.6	8.	1.4	12.	2.0	7.	2.8	10.	0.0	-.21
21	12	78	19	-1.3	-.03	.86	1.9	6.	1.9	12.	2.2	6.	3.5	10.	-.7	-.21
21	12	78	20	-1.5	-.05	.86	1.8	9.	1.6	11.	1.4	7.	2.8	11.	-.7	-.21
21	12	78	21	-1.6	-.05	.85	1.4	10.	1.6	11.	1.5	8	2.5	11.	-.7	-.21
21	12	78	22	-1.9	-.05	.87	1.3	9.	1.5	11.	1.4	8.	3.2	13.	-.7	-.21
21	12	78	23	-2.1	-.04	.87	1.2	6.	1.1	12.	1.6	6	2.5	11.	-.7	-.21
21	12	78	24	-2.3	-.00	.86	1.6	7.	.7	6.	1.5	4.	2.1	10.	-1.4	-.20

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
22	12	78	1	-2.7	.04	.87	1.3	5.	.9	14.	1.9	4	1.4	10.	-1.4	-.20
22	12	78	2	-3.1	.14	.88	1.0	2.	.5	2.	1.1	6	1.4	5	-2.1	-.12
22	12	78	3	-2.9	.26	.88	1.0	7.	.4	4.	1.1	2.	1.1	18.	-2.1	-.04
22	12	78	4	-2.9	.20	.86	.7	9.	.9	32.	1.5	4	1.8	33.	-2.1	-.12
22	12	78	5	-2.5	.01	.86	1.1	33.	.7	33.	2.3	2.	1.8	33.	-2.1	-.12
22	12	78	6	-2.6	.06	.89	.6	36	.7	32.	2.1	2.	1.8	32.	-2.1	-.12
22	12	78	7	-2.8	.10	.88	.8	36.	.5	34.	2.4	2.	1.8	32	-2.1	-.12
22	12	78	8	-2.6	.06	.87	.7	35.	.7	31.	1.9	2.	1.1	33.	-2.1	-.12
22	12	78	9	-2.6	.14	.88	1.3	36.	.4	24.	2.1	2	1.4	34	-2.1	-.12
22	12	78	10	-2.2	.09	.87	1.0	1.	.9	32	2.3	1.	1.4	33	-2.1	-.12
22	12	78	11	-1.9	-.06	.86	.6	4.	.5	31	1.6	1.	1.1	32	-1.4	-.12
22	12	78	12	-1.6	-.07	.86	.8	2.	.7	32	1.5	2.	1.4	34.	-1.4	-.12
22	12	78	13	-1.6	-.02	.89	.6	33.	1.1	33.	1.8	3.	1.8	33.	-1.4	-.12
22	12	78	14	-1.5	-.09	.90	.5	32.	1.1	32.	2.0	3	1.8	33.	-1.4	-.12
22	12	78	15	-1.8	-.05	.91	.7	34.	.7	33.	2.4	2	1.4	33	-1.4	-.12
22	12	78	16	-2.0	.06	.92	.9	35	.4	28.	2.6	3	1.8	33.	-1.4	-.12
22	12	78	17	-2.1	.16	.92	1.2	2.	.6	30.	2.1	2.	1.4	33.	-1.4	-.12
22	12	78	18	-2.2	.15	.91	.7	6.	.5	30.	1.6	2.	1.4	32.	-1.4	-.12
22	12	78	19	-2.1	.09	.90	.8	9.	1.1	28.	2.5	4.	1.8	33.	-1.4	-.12
22	12	78	20	-2.1	.03	.89	.8	4	2.0	29.	2.6	2.	1.4	32.	-1.4	-.12
22	12	78	21	-2.2	-.03	.90	1.0	5.	1.4	29.	2.8	4.	1.8	38.	-1.4	-.12
22	12	78	22	-2.4	-.04	.90	1.3	3.	1.5	28.	2.6	2.	3.2	8.	-2.1	-.12
22	12	78	23	-2.5	-.06	.90	1.1	1.	2.1	29.	2.1	2.	3.5	33.	-2.1	-.12
22	12	78	24	-2.7	-.09	.89	1.0	34.	.7	28.	1.6	2.	2.8	34.	-2.1	-.12
23	12	78	1	-2.8	-.07	.89	.9	34.	1.2	20.	1.9	1.	2.5	31.	-2.8	-.11
23	12	78	2	-3.0	-.09	.90	1.0	3.	1.5	12.	2.1	3.	2.5	33.	-2.8	-.11
23	12	78	3	-3.2	-.09	.90	1.4	5.	1.1	4.	2.5	3.	1.8	33.	-2.1	-.12
23	12	78	4	-3.3	-.09	.85	1.5	7.	1.3	6.	3.6	2.	3.2	7.	-2.1	-.20
23	12	78	5	-3.5	-.09	.85	2.1	6.	1.1	2.	3.1	2.	3.9	7.	-2.8	-.19
23	12	78	6	-3.8	-.07	.84	2.9	5.	1.1	6.	3.2	3.	4.6	6.	-2.8	-.19
23	12	78	7	-3.8	-.08	.86	1.4	2.	1.1	8.	3.8	2.	3.5	2.	-2.8	-.19
23	12	78	8	-4.0	-.09	.89	1.6	1.	1.1	16.	3.7	2.	3.9	5.	-2.8	-.19
23	12	78	9	-3.9	-.09	.88	1.2	1.	1.1	12.	2.6	3.	3.2	5.	-2.8	-.19
23	12	78	10	-3.7	-.09	.87	1.5	2.	.9	12.	3.0	2.	3.5	6.	-2.8	-.19
23	12	78	11	-3.4	-.10	.87	.8	7.	2.1	8.	2.8	3.	3.2	8.	-2.8	-.19
23	12	78	12	-3.3	-.09	.86	1.5	5.	1.2	8.	2.9	2.	3.2	8.	-2.1	-.20
23	12	78	13	-3.0	-.10	.85	2.5	3.	2.6	8.	3.3	1.	4.6	6.	-2.1	-.20
23	12	78	14	-2.9	-.09	.86	2.2	3.	3.3	9.	2.7	1.	3.5	3	-2.1	-.20
23	12	78	15	-2.7	-.06	.86	1.8	4.	3.6	8.	3.0	1.	3.2	7.	-1.4	-.20
23	12	78	16	-2.4	-.04	.86	3.5	4.	3.8	9.	4.8	1.	4.6	6.	-1.4	-.20
23	12	78	17	-2.1	-.04	.85	3.7	6.	3.8	10.	5.3	3.	4.9	7.	-.7	-.21
23	12	78	18	-1.7	-.05	.81	4.5	6.	3.9	10.	5.4	4.	6.0	7.	-.7	-.21
23	12	78	19	-1.8	-.05	.81	4.3	7.	3.6	9.	4.9	6.	5.6	8	-.7	-.21
23	12	78	20	-1.9	-.05	.82	3.8	6.	3.9	8.	5.4	5.	5.6	9.	-.7	-.21
23	12	78	21	-2.1	-.09	.83	4.5	6.	4.4	8.	5.6	4.	6.3	8.	-1.4	-.28
23	12	78	22	-2.3	-.06	.82	4.0	6.	4.3	8.	5.3	3.	6.0	7.	-1.4	-.20
23	12	78	23	-2.4	-.05	.81	5.0	6.	4.1	8.	6.2	4.	6.7	7.	-1.4	-.28
23	12	78	24	-2.4	-.05	.80	5.4	5.	4.6	8.	6.2	4.	7.0	7.	-1.4	-.28
24	12	78	1	-2.5	-.05	.80	5.4	6.	5.4	8.	6.4	4.	7.0	7.	-1.4	-.28
24	12	78	2	-2.4	-.05	.79	5.8	6.	6.4	8.	6.6	5.	7.7	7.	-1.4	-.28
24	12	78	3	-2.6	-.06	.80	6.8	6.	5.6	9.	8.9	4.	8.4	7.	-1.4	-.28
24	12	78	4	-3.0	-.07	.81	7.2	7.	7.6	9.	9.4	6.	10.2	8.	-2.1	-.28
24	12	78	5	-3.7	-.06	.80	7.5	6.	5.3	8.	10.2	6.	9.8	8.	-2.8	-.27
24	12	78	6	-4.5	-.09	.77	7.5	6.	3.2	36.	9.4	5.	7.4	8.	-3.5	-.19
24	12	78	7	-5.7	-.09	.76	4.7	6.	4.2	36.	8.4	4.	8.4	9.	-4.9	-.18
24	12	78	8	-7.4	-.09	.75	3.5	3.	3.9	3.	7.9	2.	7.4	5.	-6.3	-.17
24	12	78	9	-8.2	-.09	.71	4.6	3.	3.4	3.	7.9	2.	7.7	5.	-7.0	-.17
24	12	78	10	-8.8	-.09	.68	5.6	3.	4.3	3.	8.2	2.	7.4	6.	-7.7	-.16
24	12	78	11	-9.1	-.09	.67	5.0	2.	4.0	3.	8.4	2.	7.7	4.	-8.4	-.16
24	12	78	12	-9.2	-.13	.67	5.2	3.	4.6	3.	9.9	3.	8.1	4.	-8.4	-.24
24	12	78	13	-9.2	-.15	.66	5.1	3.	6.0	3.	10.2	3.	7.7	4.	-7.7	-.24
24	12	78	14	-9.4	-.13	.66	4.5	3.	5.6	3.	10.1	3.	8.1	3.	-8.4	-.16
24	12	78	15	-9.8	-.09	.65	5.0	2.	5.6	3.	8.9	2.	7.4	3.	-8.4	-.24
24	12	78	16	-9.9	-.09	.65	5.1	2.	3.8	2.	9.9	2.	8.1	3.	-8.4	-.24
24	12	78	17	-10.0	-.09	.65	6.5	2.	3.6	3.	9.4	2.	7.7	3.	-8.4	-.24
24	12	78	18	-10.2	-.09	.65	5.8	3.	3.9	3.	8.4	2.	7.7	3.	-8.4	-.24
24	12	78	19	-10.2	-.09	.66	5.8	3.	2.9	2.	8.9	2.	8.1	3.	-8.4	-.24
24	12	78	20	-10.2	-.09	.68	5.3	3.	3.7	2.	8.2	2.	6.3	3.	-9.1	-.16
24	12	78	21	-10.4	-.08	.73	4.8	3.	3.6	2.	9.2	2.	6.7	4.	-9.1	-.16
24	12	78	22	-10.5	-.08	.73	5.7	2.	3.1	34.	8.4	2.	6.3	3.	-9.1	-.16
24	12	78	23	-10.3	-.09	.72	5.0	1.	3.4	2.	8.2	2.	7.7	3.	-8.4	-.16
24	12	78	24	-10.2	-.09	.72	4.0	1.	2.5	2.	9.6	2.	3.5	3.	-8.4	-.16

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
25	12	78	1	-10.1	-.07	.74	5.7	3.	2.1	36.	9.9	2.	8.4	3.	-8.4	-.24
25	12	78	2	-9.9	-.08	.74	7.4	3.	2.1	3.	10.9	2.	7.7	4.	-7.7	-.24
25	12	78	3	-9.7	-.07	.74	6.3	3.	5.9	4.	9.9	3.	10.2	4.	-7.7	-.24
25	12	78	4	-9.5	-.07	.75	6.4	3.	7.6	6.	9.9	2.	10.5	4.	-7.7	-.16
25	12	78	5	-9.3	-.07	.76	6.6	2.	6.6	4.	11.0	2.	10.5	4.	-7.7	-.24
25	12	78	6	-8.9	-.05	.74	6.5	3.	4.9	3.	11.2	2.	11.9	4.	-7.7	-.24
25	12	78	7	-8.8	-.05	.74	6.6	3.	5.2	3.	11.0	2.	11.6	4.	-7.7	-.32
25	12	78	8	-8.5	-.05	.74	6.0	3.	4.8	3.	9.9	2.	10.9	4.	-7.0	-.25
25	12	78	9	-8.2	-.06	.75	6.1	2.	3.6	3.	9.4	2.	11.2	4.	-7.0	-.25
25	12	78	10	-8.1	-.06	.77	5.6	3.	3.9	3.	9.6	2.	9.8	4.	-7.0	-.25
25	12	78	11	-8.1	-.09	.79	5.8	2.	4.2	2.	10.2	3.	10.5	4.	-6.3	-.25
25	12	78	12	-7.9	-.09	.78	6.1	3.	3.1	2.	7.9	2.	12.3	4.	-6.3	-.25
25	12	78	13	-8.0	-.08	.77	6.0	2.	3.7	2.	10.0	2.	9.8	4.	-6.3	-.25
25	12	78	14	-7.9	-.09	.76	6.1	2.	4.8	2.	9.4	2.	10.5	4.	-6.3	-.25
25	12	78	15	-8.0	-.08	.74	6.7	2.	4.1	2.	10.9	2.	10.5	4.	-6.3	-.25
25	12	78	16	-8.1	-.09	.74	6.4	2.	5.1	2.	12.6	2.	10.9	3.	-6.3	-.25
25	12	78	17	-8.0	-.08	.72	5.7	3.	4.5	2.	10.2	2.	9.5	3.	-6.3	-.25
25	12	78	18	-8.1	-.07	.72	8.0	2.	4.1	2.	9.4	3.	10.5	3.	-6.3	-.25
25	12	78	19	-8.1	-.07	.72	7.1	2.	4.3	2.	10.4	2.	10.2	3.	-6.3	-.25
25	12	78	20	-8.1	-.08	.72	6.3	2.	4.8	2.	11.0	2.	10.2	3.	-6.3	-.25
25	12	78	21	-8.1	-.06	.73	6.0	1.	4.6	2.	11.4	2.	9.8	3.	-6.3	-.25
25	12	78	22	-8.0	-.09	.73	4.7	36.	5.1	2.	10.4	2.	9.1	3.	-6.3	-.17
25	12	78	23	-8.0	-.07	.74	5.3	1.	4.3	2.	9.9	2.	7.7	2.	-6.3	-.17
25	12	78	24	-8.0	-.05	.74	5.9	1.	4.7	2.	9.2	2.	7.4	3.	-6.3	-.17
26	12	78	1	-8.1	-.07	.74	5.0	2.	4.8	3.	9.4	1.	7.7	3.	-6.3	-.17
26	12	78	2	-8.1	-.06	.73	5.7	1.	4.3	3.	9.9	2.	7.0	2.	-6.3	-.17
26	12	78	3	-8.1	-.05	.71	6.1	1	3.6	2.	9.2	2.	7.0	2.	-6.3	-.17
26	12	78	4	-8.3	-.06	.71	5.5	1.	3.7	2.	9.2	2.	6.3	1.	-6.3	-.17
26	12	78	5	-8.3	-.06	.70	5.2	1.	3.5	2.	11.1	2.	6.0	1.	-6.3	-.17
26	12	78	6	-8.1	-.06	.70	4.9	2.	3.3	2.	8.2	2.	6.3	1.	-6.3	-.17
26	12	78	7	-7.9	-.05	.70	4.9	1.	3.7	2.	8.9	2.	6.7	1.	-6.3	-.17
26	12	78	8	-7.9	-.06	.70	4.6	36.	3.6	2.	8.9	2.	6.0	1.	-6.3	-.17
26	12	78	9	-7.9	-.05	.71	4.8	1.	3.6	2.	7.6	2.	6.3	2.	-6.3	-.17
26	12	78	10	-7.7	-.08	.71	4.6	1.	3.6	2.	7.9	2.	6.0	2.	-6.3	-.17
26	12	78	11	-7.5	-.09	.70	5.0	36.	3.4	2.	7.9	2.	6.7	2.	-6.3	-.17
26	12	78	12	-7.6	-.08	.70	4.5	2.	3.1	2.	8.1	2.	7.0	2.	-6.3	-.17
26	12	78	13	-7.4	-.11	.69	4.6	1.	3.1	36.	7.9	2.	7.0	3.	-6.3	-.17
26	12	78	14	-7.6	-.10	.69	4.0	1.	2.6	34.	6.9	2.	7.0	2.	-6.3	-.17
26	12	78	15	-8.0	-.05	.69	3.9	1.	3.3	34.	6.4	2.	5.3	3.	-6.3	-.17
26	12	78	16	-8.0	-.05	.70	4.3	1.	2.9	34.	5.9	2.	3.9	2.	-6.3	-.17
26	12	78	17	-8.3	-.05	.73	4.0	36.	2.5	34.	5.6	2.	3.5	1.	-7.0	-.17
26	12	78	18	-8.5	-.05	.72	3.9	1.	2.2	34.	4.2	2.	4.2	1.	-7.0	-.17
26	12	78	19	-8.6	-.04	.71	4.0	36	2.4	36.	5.6	2.	4.2	1.	-7.0	-.09
26	12	78	20	-8.6	-.05	.71	4.0	2	2.1	33.	5.9	2	5.6	2.	-7.0	-.17
26	12	78	21	-8.5	-.06	.71	3.8	1.	2.3	36.	5.2	2.	6.7	3.	-7.0	-.17
26	12	78	22	-8.4	-.06	.71	3.3	1.	1.8	34.	4.8	2.	5.3	3.	-7.0	-.17
26	12	78	23	-8.2	-.07	.70	3.8	1.	1.5	34.	4.9	2.	3.9	1.	-7.0	-.17
26	12	78	24	-8.2	-.08	.70	3.8	1.	1.5	36.	4.1	2.	4.6	2.	-7.0	-.17
27	12	78	1	-8.3	-.07	.71	3.1	1.	.9	2.	5.6	2.	4.9	3.	-7.0	-.17
27	12	78	2	-8.4	-.06	.72	2.7	1.	1.4	2.	5.2	2.	4.9	3.	-7.0	-.17
27	12	78	3	-8.5	-.05	.71	3.4	1.	1.7	4.	5.4	2.	4.6	4.	-7.0	-.17
27	12	78	4	-8.7	-.05	.72	3.3	2.	1.5	4.	5.6	2.	5.6	4.	-7.0	-.17
27	12	78	5	-8.8	-.05	.72	2.8	1.	1.9	6.	5.1	2.	6.0	3.	-7.7	-.24
27	12	78	6	-8.8	-.06	.72	2.9	2.	1.1	7.	4.4	1.	6.7	4.	-7.7	-.16
27	12	78	7	-8.9	-.05	.73	2.8	1.	1.1	4.	5.4	1	5.6	3.	-7.7	-.16
27	12	78	8	-8.9	-.04	.73	3.2	3.	.7	6.	4.9	2.	5.6	4.	-7.7	-.24
27	12	78	9	-8.7	-.06	.73	2.2	2.	.9	10.	3.6	1.	4.2	3.	-7.7	-.16
27	12	78	10	-8.5	-.09	.73	1.6	2.	1.4	2.	2.6	3.	2.8	4.	-7.7	-.16
27	12	78	11	-8.3	-.13	.74	1.7	2.	.9	6.	3.3	1.	3.5	6.	-7.7	-.16
27	12	78	12	-8.1	-.16	.75	1.1	36.	.9	8.	2.6	4.	2.5	1.	-7.7	-.16
27	12	78	13	-8.4	-.11	.76	1.7	1.	.5	8.	2.5	2.	2.8	4.	-7.7	-.16
27	12	78	14	-8.4	-.11	.75	1.6	3.	1.1	4.	2.3	4.	1.8	35.	-7.7	-.08
27	12	78	15	-9.2	.01	.76	1.8	4.	1.6	36.	2.7	4.	2.5	4.	-7.7	-.16
27	12	78	16	-9.8	.09	.77	1.7	3.	1.2	33.	3.3	3.	2.8	2.	-7.7	-.08
27	12	78	17	-10.4	.11	.77	2.2	3.	1.1	32.	1.9	2	2.1	4.	-8.4	-.08
27	12	78	18	-10.7	.18	.77	1.6	36.	.7	32.	2.9	1.	1.8	34.	-9.1	.00
27	12	78	19	-10.7	.10	.75	3.0	36.	.7	33.	3.0	1	2.5	34.	-10.5	.01
27	12	78	20	-11.3	.15	.76	2.7	36.	1.6	32.	2.8	2.	1.8	32.	-11.2	.01
27	12	78	21	-11.7	.12	.76	3.0	35.	1.5	32.	2.9	2.	2.5	32.	-12.6	.10
27	12	78	22	-12.2	.12	.76	2.7	34.	1.4	32.	3.6	2.	2.5	32.	-11.9	.18
27	12	78	23	-12.8	.21	.76	3.0	34.	1.6	32.	2.6	1.	3.2	32.	-11.9	.02
27	12	78	24	-13.1	.26	.77	2.8	35.	3.1	32.	1.5	2.	2.5	32.	-11.9	.02

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
28	12	78	1	-13.1	.40	.78	3.5	35.	2.8	31.	3.1	1.	3.5	32	-12.6	.02
28	12	78	2	-12.7	.11	.76	3.2	34.	2.6	31.	2.6	2.	3.9	31.	-12.6	.02
28	12	78	3	-12.8	.07	.75	3.8	36.	3.1	31.	3.9	2.	3.5	31.	-13.3	.02
28	12	78	4	-12.5	.02	.74	5.5	1.	3.6	32.	4.2	2.	3.9	31	-13.3	.02
28	12	78	5	-12.8	.02	.74	5.5	1	4.1	2.	3.6	3.	3.9	32.	-13.3	.02
28	12	78	6	-12.7	.01	.73	6.3	1.	3.9	2.	5.4	2.	4.2	32.	-13.3	.10
28	12	78	7	-12.5	0.00	.72	4.9	1.	3.9	1.	7.6	4.	2.5	32.	-11.9	.10
28	12	78	8	-12.2	-.03	.72	5.7	2.	4.3	2.	7.9	3.	2.8	32.	-11.2	.01
28	12	78	9	-11.9	-.02	.71	6.5	2.	3.9	36.	9.0	2.	3.5	34.	-10.5	-.07
28	12	78	10	-11.7	-.05	.70	6.1	2.	2.7	31.	8.9	2.	5.6	3.	-9.8	-.15
28	12	78	11	-11.5	-.09	.70	4.7	1.	3.8	34.	7.4	2.	9.5	3.	-9.1	-.24
28	12	78	12	-11.1	-.14	.70	5.0	3.	3.8	34.	7.4	3.	8.4	3.	-9.1	-.24
28	12	78	13	-10.7	-.16	.69	5.5	2.	3.6	34.	8.6	2.	8.8	4.	-8.4	-.32
28	12	78	14	-11.1	-.10	.69	5.9	2.	2.8	33.	9.3	2.	8.8	4.	-9.1	-.32
28	12	78	15	-11.7	-.07	.69	5.9	1.	2.4	30.	8.2	2.	10.2	4.	-9.1	-.40
28	12	78	16	-12.2	-.03	.70	6.2	2.	2.6	30.	8.4	3.	9.1	3.	-9.1	-.32
28	12	78	17	-12.2	-.02	.73	5.3	2.	2.6	32.	7.9	3.	8.4	4.	-9.8	-.31
28	12	78	18	-11.8	-.03	.74	5.6	2.	3.0	34.	8.3	2.	7.7	4.	-9.8	-.23
28	12	78	19	-11.8	-.05	.75	5.0	3.	3.2	34.	7.6	2.	7.0	4.	-9.8	-.23
28	12	78	20	-11.9	-.05	.76	5.0	3.	3.1	34.	7.4	2.	7.0	4.	-9.8	-.23
28	12	78	21	-12.4	.01	.74	3.0	1.	2.9	33.	7.6	2.	7.0	3.	-9.8	-.23
28	12	78	22	-12.6	.03	.73	2.7	35.	3.3	34.	7.7	2.	7.4	4.	-9.8	-.23
28	12	78	23	-12.7	.04	.73	3.0	36.	2.5	34.	6.2	2.	6.7	4.	-9.8	-.23
28	12	78	24	-12.7	.09	.72	3.1	33.	2.6	34.	6.9	2.	6.7	4.	-10.5	-.23
29	12	78	1	-12.8	.05	.72	3.7	34.	2.3	36.	6.9	1.	6.7	4.	-10.5	-.23
29	12	78	2	-13.0	.04	.72	3.1	35.	2.2	2.	7.2	1.	7.7	4.	-10.5	-.15
29	12	78	3	-13.0	.02	.72	3.6	36.	3.1	2.	7.9	1.	9.1	4.	-10.5	-.31
29	12	78	4	-13.1	.02	.72	3.6	36.	2.9	2.	6.9	1.	8.1	4.	-10.5	-.31
29	12	78	5	-13.5	.05	.72	3.5	1.	2.6	2.	7.6	2.	8.1	4.	-10.5	-.23
29	12	78	6	-13.7	.03	.72	3.9	1.	2.7	2.	7.2	2.	7.7	4.	-11.2	-.31
29	12	78	7	-14.1	.02	.72	4.0	1.	3.7	2.	6.3	2.	7.4	4.	-11.2	-.23
29	12	78	8	-14.3	.03	.72	4.0	1.	3.4	2.	7.4	2.	7.7	4.	-11.9	-.22
29	12	78	9	-13.9	-.01	.71	2.5	1.	3.8	2.	7.4	1.	6.7	4.	-11.9	-.14
29	12	78	10	-13.6	-.05	.71	2.9	2.	3.8	3.	7.4	1.	7.4	4.	-11.9	-.22
29	12	78	11	-13.2	-.11	.69	3.0	1.	3.4	2.	7.6	1.	7.0	4.	-11.9	-.22
29	12	78	12	-13.0	-.19	.66	2.6	36.	3.3	2.	6.6	1.	6.3	4.	-11.2	-.23
29	12	78	13	-12.4	-.19	.64	2.8	2.	2.8	36.	7.4	2.	7.4	5.	-11.2	-.23
29	12	78	14	-13.0	-.11	.65	3.6	1.	3.1	2.	7.9	2.	7.0	4.	-11.2	-.23
29	12	78	15	-13.9	-.02	.67	3.1	1.	3.5	3.	6.9	1.	6.7	5.	-11.9	-.14
29	12	78	16	-14.7	.04	.68	3.2	1.	3.6	4.	7.6	1.	8.1	4.	-11.9	-.22
29	12	78	17	-14.8	.02	.69	4.1	2.	4.6	6.	9.0	1.	9.5	4.	-11.9	-.30
29	12	78	18	-15.1	.03	.69	3.7	2.	2.6	2	9.2	2.	9.1	4.	-11.9	-.30
29	12	78	19	-15.1	.02	.70	4.0	3.	2.7	3.	9.9	1.	8.8	4	-12.6	-.30
29	12	78	20	-15.1	0.00	.70	4.6	2.	1.6	31.	9.1	2	8.4	4.	-12.6	-.30
29	12	78	21	-15.5	0.00	.70	4.5	3.	3.1	33	8.2	2.	7.4	4.	-12.6	-.22
29	12	78	22	-15.6	-.01	.69	3.6	1.	3.6	34	6.8	2	7.7	4	-12.6	-.22
29	12	78	23	-15.7	-.02	.69	4.0	2.	5.2	36.	7.2	1.	7.7	4.	-12.6	-.22
29	12	78	24	-15.7	-.02	.68	3.7	2.	4.5	36.	7.3	1.	7.0	4.	-12.6	-.22
30	12	78	1	-15.8	0.00	.67	3.6	1.	3.1	36.	6.6	1.	7.4	4.	-12.6	-.22
30	12	78	2	-16.0	.01	.66	4.3	36.	2.5	33.	6.4	2.	6.3	4.	-12.6	-.14
30	12	78	3	-16.3	.06	.64	3.1	35.	2.3	33.	5.3	1.	6.3	3.	-13.3	-.14
30	12	78	4	-16.4	.08	.63	3.0	34.	3.1	2.	4.9	1.	6.7	3.	-13.3	-.14
30	12	78	5	-16.4	.09	.65	2.8	34.	4.3	2.	4.8	1.	6.3	3.	-13.3	-.14
30	12	78	6	-16.3	.04	.67	3.8	35.	4.7	2.	6.4	1.	8.1	3.	-13.3	-.14
30	12	78	7	-16.5	.02	.67	4.2	34.	3.6	1.	6.6	1.	8.8	4.	-13.3	-.22
30	12	78	8	-16.7	-.00	.67	4.5	35.	3.4	2.	5.9	1.	8.1	4.	-13.3	-.30
30	12	78	9	-16.9	.00	.67	5.0	36.	4.1	4.	6.6	2.	8.8	4.	-13.3	-.30
30	12	78	10	-16.6	-.06	.66	4.5	36.	4.1	3.	6.4	2.	8.4	4.	-13.3	-.30
30	12	78	11	-16.1	-.14	.66	3.6	36.	4.6	2	8.2	2.	8.1	3.	-13.3	-.22
30	12	78	12	-16.1	-.11	.69	4.9	4.	3.8	2.	8.4	2.	7.7	3.	-13.3	-.14
30	12	78	13	-15.8	-.13	.66	5.9	3.	3.6	2.	7.9	3.	8.4	4.	-13.3	-.22
30	12	78	14	-16.1	-.10	.63	5.4	2.	3.0	2.	8.4	2.	9.5	4.	-14.0	-.21
30	12	78	15	-16.7	-.05	.64	5.1	2.	3.1	2.	8.6	2.	8.1	3.	-14.7	-.13
30	12	78	16	-17.4	-.02	.65	5.1	1.	4.5	6.	8.9	2.	8.8	3.	-14.7	-.13
30	12	78	17	-17.6	-.02	.67	5.5	2.	4.3	5	7.4	2.	8.4	3.	-15.4	-.13
30	12	78	18	-17.6	-.04	.69	4.9	2.	3.1	2.	7.9	2.	8.1	3	-15.4	-.13
30	12	78	19	-17.5	-.04	.70	4.2	3.	4.1	2.	7.4	2.	8.4	4.	-15.4	-.13
30	12	78	20	-17.6	-.04	.70	4.9	5.	4.5	2.	6.2	3.	7.0	4.	-15.4	-.13
30	12	78	21	-17.9	-.02	.68	5.1	4.	4.2	1.	7.9	2.	8.1	4.	-16.1	-.13
30	12	78	22	-18.2	-.03	.68	4.3	2.	5.2	1.	8.2	2.	8.4	4.	-16.1	-.21
30	12	78	23	-18.4	-.04	.66	5.5	2.	4.9	1.	7.6	2.	7.4	3.	-16.1	-.13
30	12	78	24	-18.5	-.06	.65	5.5	3.	4.9	1.	8.9	2.	8.1	3.	-16.1	-.13

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
31	12	78	1	-18.6	-.05	.66	5.6	2.	3.3	34.	8.9	2.	7.0	3.	-16.1	-.13
31	12	78	2	-18.8	-.05	.65	5.1	36.	2.6	34.	9.4	1.	7.0	3.	-16.1	-.13
31	12	78	3	-19.3	.02	.64	3.1	35.	2.5	36.	8.4	1.	4.2	2.	-16.8	-.12
31	12	78	4	-19.5	-.00	.64	4.1	1.	3.4	36.	9.7	2.	9.8	2	-16.1	-.13
31	12	78	5	-19.5	-.02	.65	7.3	2.	3.3	30	9.6	1.	10.5	4.	-16.1	-.21
31	12	78	6	-19.3	-.03	.66	6.7	2.	2.1	32.	8.4	2.	9.8	4.	-16.1	-.21
31	12	78	7	-19.0	-.02	.68	5.7	2.	2.6	28.	9.4	2	8.8	4.	-15.4	-.13
31	12	78	8	-18.8	-.01	.67	5.8	2.	2.9	4.	11.9	2.	8.8	3.	-15.4	-.13
31	12	78	9	-18.6	-.02	.67	5.3	3.	3.1	4.	8.4	2	9.1	3.	-15.4	-.21
31	12	78	10	-18.3	-.03	.66	4.6	2.	2.7	2.	8.9	2.	8.4	3.	-15.4	-.13
31	12	78	11	-17.7	-.06	.66	5.6	3.	2.6	3.	8.4	2.	7.0	3.	-14.7	-.13
31	12	78	12	-16.9	-.12	.64	6.9	3.	3.1	31.	10.4	2.	8.1	4.	-14.0	-.21
31	12	78	13	-16.5	-.14	.63	7.3	3.	2.6	31.	9.6	2.	9.1	3.	-13.3	-.14
31	12	78	14	-16.7	-.10	.63	6.1	3.	2.9	29.	9.2	2.	8.8	3.	-14.0	-.13
31	12	78	15	-17.0	-.04	.63	6.0	2.	3.6	30.	8.6	2.	8.4	2.	-14.0	-.13
31	12	78	16	-17.6	-.03	.63	5.0	3.	4.7	31.	7.9	2.	7.7	3.	-14.7	-.13
31	12	78	17	-17.8	-.02	.63	4.5	2.	5.4	34.	8.2	2.	7.4	3.	-14.7	-.13
31	12	78	18	-17.7	-.02	.63	4.6	2.	6.1	34.	6.9	2.	7.7	3.	-14.7	-.13
31	12	78	19	-17.7	0.00	.62	4.1	2.	4.4	33.	5.4	1.	7.4	3.	-14.7	-.13
31	12	78	20	-17.6	.03	.62	4.6	35.	4.3	34.	4.4	2.	4.2	32.	-15.4	.03
31	12	78	21	-17.3	.06	.61	3.8	35.	4.5	34.	4.4	1.	5.3	33.	-16.1	.03
31	12	78	22	-17.2	.10	.60	4.0	34.	2.6	32.	4.2	2.	4.9	32.	-15.4	.03
31	12	78	23	-17.4	.15	.59	3.6	35.	2.3	30.	2.2	1.	4.2	30.	-16.1	.03
31	12	78	24	-17.0	.22	.57	4.1	33.	2.5	32.	2.6	2.	3.5	32.	-16.8	.20
1	1	79	1	-16.9	.24	.56	4.3	33.	3.1	30.	2.1	3.	4.2	32.	-16.1	.11
1	1	79	2	-16.5	.31	.54	4.5	33.	2.7	31.	2.3	2.	4.9	32.	-15.4	.03
1	1	79	3	-16.6	.26	.55	3.4	33.	2.3	33.	2.1	2.	4.9	32.	-16.1	.03
1	1	79	4	-16.7	.23	.58	3.2	32.	2.9	31.	1.9	32.	4.9	32.	-16.1	.03
1	1	79	5	-16.6	.10	.64	4.8	31.	3.5	30.	2.1	32.	6.3	31.	-16.1	.11
1	1	79	6	-16.5	.08	.65	5.3	31.	4.1	30.	2.5	32.	5.3	32.	-16.8	.12
1	1	79	7	-16.4	.07	.63	5.8	31.	6.4	29.	3.8	32.	4.2	31.	-16.1	.03
1	1	79	8	-16.5	.06	.62	5.6	32.	5.4	29.	4.1	32.	4.6	31.	-16.1	.03
1	1	79	9	-16.4	.05	.60	5.8	31.	5.6	29.	4.2	31.	3.9	31.	-16.1	.03
1	1	79	10	-15.9	-.02	.57	5.9	31.	5.6	29.	4.3	32.	2.5	31.	-16.1	.03
1	1	79	11	-15.0	-.11	.54	6.5	31.	4.1	31.	5.4	32.	4.2	32.	-14.0	.03
1	1	79	12	-14.2	-.16	.50	6.8	31.	4.5	30.	4.1	32.	2.5	31.	-12.6	.18
1	1	79	13	-13.1	-.20	.46	6.3	31.	4.3	30.	3.2	32.	3.5	30.	-12.6	-.06
1	1	79	14	-12.9	-.09	.44	6.1	31.	3.1	31.	2.8	32.	4.2	33.	-13.3	.02
1	1	79	15	-13.0	0.00	.43	5.4	31.	2.1	32.	5.2	32.	4.9	31.	-12.6	.10
1	1	79	16	-13.1	.09	.45	5.7	30.	1.9	32.	4.4	30.	4.6	30.	-12.6	.02
1	1	79	17	-12.9	.09	.44	5.7	31.	2.3	32.	2.8	32.	5.3	30.	-12.6	.10
1	1	79	18	-12.8	.11	.47	5.8	31.	2.2	33.	1.7	32.	4.2	32.	-13.3	.10
1	1	79	19	-12.6	.08	.49	5.1	31.	1.1	34.	2.3	32.	4.2	33.	-13.3	.10
1	1	79	20	-12.5	.05	.51	5.2	31.	.9	29.	1.5	3.	4.9	32.	-12.6	.10
1	1	79	21	-11.9	-.02	.53	4.1	31.	1.1	32.	2.3	2.	3.5	33.	-11.9	.02
1	1	79	22	-11.4	.00	.51	5.2	31.	1.5	32.	2.5	2.	3.5	31.	-10.5	.01
1	1	79	23	-11.3	.09	.50	4.0	31.	1.4	31.	2.1	4.	1.4	31.	-10.5	.01
1	1	79	24	-11.7	.28	.55	3.6	31.	1.1	30.	1.1	4.	2.1	33.	-11.2	.01
2	1	79	1	-11.5	.27	.57	4.3	31.	1.5	29.	1.3	2.	2.5	33.	-11.9	.10
2	1	79	2	-11.6	.36	.60	3.8	31.	1.9	29.	1.2	4.	3.2	32.	-10.5	.01
2	1	79	3	-11.6	.31	.64	3.6	30.	1.1	30.	1.1	2.	3.5	31.	-11.2	.01
2	1	79	4	-11.4	.36	.68	2.8	30.	2.0	29.	.7	4.	4.2	31.	-10.5	.01
2	1	79	5	-10.9	.35	.72	2.1	30.	2.1	29.	1.1	2.	4.2	32.	-10.5	.01
2	1	79	6	-11.1	.35	.76	2.2	30.	2.5	29.	1.1	4.	4.2	30.	-10.5	.01
2	1	79	7	-11.4	.53	.77	2.4	31.	1.9	26.	.9	4.	4.6	30.	-10.5	.01
2	1	79	8	-11.6	.88	.78	2.8	32.	99.0	99.	1.1	4.	3.5	31.	-11.2	.17
2	1	79	9	-11.8	1.16	.82	2.6	32.	99.0	99.	.9	6.	3.2	32.	99.0	99.00
2	1	79	10	-11.1	1.52	.81	4.0	31.	99.0	99.	99.0	99.	4.6	31.	-9.8	.25
2	1	79	11	-8.9	.42	.74	4.0	31.	99.0	99.	99.0	99.	4.6	31.	-8.4	.08
2	1	79	12	-8.0	.27	.69	4.2	31.	99.0	99.	99.0	99.	3.2	32.	-7.7	.16
2	1	79	13	-7.1	.07	.67	2.9	31.	99.0	99.	99.0	99.	2.8	31.	-6.3	-.01
2	1	79	14	-5.9	.05	.64	3.4	33.	3.2	33.	99.0	99.	4.6	31.	-7.0	-.01
2	1	79	15	-6.0	.11	.63	3.5	34.	2.0	34.	99.0	99.	3.9	32.	-7.0	-.01
2	1	79	16	-6.7	.30	.66	3.4	31.	2.1	33.	1.6	31.	2.8	32.	-7.7	-.00
2	1	79	17	-7.4	.47	.69	3.3	33.	1.6	32.	1.1	28.	2.8	32.	-7.7	-.00
2	1	79	18	-7.4	.45	.69	3.5	32.	.8	31.	1.6	22.	3.2	32.	-8.4	.00
2	1	79	19	-7.5	.61	.69	3.9	31.	.6	12.	.6	26.	2.5	30.	-8.4	.40
2	1	79	20	-7.7	.94	.73	3.5	32.	.8	32.	1.1	1.	3.2	31.	-8.4	.16
2	1	79	21	-7.4	.95	.75	4.1	32.	1.2	30.	.8	2	3.2	32.	-8.4	.16
2	1	79	22	-7.7	.92	.77	4.6	31.	2.2	31.	.6	2.	3.2	32.	-9.1	.16
2	1	79	23	-7.5	.44	.77	4.4	31.	2.5	30.	.7	2.	3.5	32.	-8.4	.08
2	1	79	24	-6.7	.30	.75	4.6	32.	2.2	28.	1.1	24.	3.2	32.	-7.7	-.00

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
3	1	79	1	-6.3	.26	.70	3.9	32.	1.1	32.	1.9	24	3.9	33.	-8.4	.08
3	1	79	2	-6.4	.19	.66	3.8	34.	2.5	2.	.9	29.	2.5	33.	-8.4	.16
3	1	79	3	-6.3	.18	.66	4.0	32.	2.7	36.	1.8	30.	4.2	32.	-7.7	.08
3	1	79	4	-6.2	.21	.64	4.3	32.	4.1	33.	1.5	29.	6.7	34.	-7.0	.07
3	1	79	5	-6.2	.19	.64	4.0	32.	2.7	35.	2.6	32.	5.3	32.	-7.7	-.00
3	1	79	6	-7.0	.26	.67	4.1	33.	3.1	35.	3.7	31.	3.5	30.	-8.4	.00
3	1	79	7	-8.0	.29	.71	3.5	32.	2.4	31.	2.5	34.	3.5	31.	-9.1	.00
3	1	79	8	-8.8	.33	.75	2.9	32.	.7	33.	2.1	32.	3.5	32	-9.1	.00
3	1	79	9	-9.4	.26	.76	3.3	32.	1.4	30.	2.1	1.	3.2	32	-9.8	.01
3	1	79	10	-9.2	.16	.75	3.7	32.	.8	1.	2.1	1.	4.9	33.	-9.1	.08
3	1	79	11	-8.4	0.00	.75	3.3	32.	1.0	1.	2.1	1.	3.5	32.	-8.4	.08
3	1	79	12	-8.1	-.17	.73	3.4	32.	.6	32.	2.1	2.	2.5	33.	-7.7	-.00
3	1	79	13	-7.1	-.23	.69	2.9	31.	1.1	28.	1.9	2.	3.2	32.	-7.7	-.08
3	1	79	14	-7.4	-.10	.68	3.3	31.	1.3	32.	1.7	1.	2.5	32.	-8.4	-.08
3	1	79	15	-8.3	.12	.66	3.6	32.	.9	34.	1.8	1.	3.9	33.	-9.1	.00
3	1	79	16	-8.8	.32	.69	4.4	33.	.6	2.	2.3	1.	3.2	33.	-9.1	.00
3	1	79	17	-9.5	.31	.72	3.5	32.	1.4	33.	2.1	1.	3.2	32.	-9.8	.01
3	1	79	18	-10.2	.30	.75	3.5	31.	1.4	1.	1.5	1.	3.2	32.	-9.8	.09
3	1	79	19	-11.0	.36	.77	2.9	32.	1.5	1.	1.5	1.	3.2	32.	-10.5	.01
3	1	79	20	-11.3	.37	.78	3.0	33.	.8	2.	1.6	2.	3.2	32.	-10.5	.01
3	1	79	21	-11.3	.43	.77	3.6	33.	.4	3.	2.1	2.	3.2	32.	-11.2	.01
3	1	79	22	-11.4	.27	.76	3.9	33.	.8	3.	2.1	1.	3.5	32.	-11.2	.09
3	1	79	23	-12.4	.37	.77	3.3	33.	.6	4.	2.6	1.	2.8	31.	-11.9	.02
3	1	79	24	-12.9	.37	.78	3.4	33.	1.4	1.	2.4	1.	3.9	32.	-11.9	.10
4	1	79	1	-13.3	.36	.80	3.2	32.	1.0	2.	2.1	1.	3.9	33.	-12.6	.10
4	1	79	2	-13.4	.25	.80	3.4	33.	1.8	1.	2.3	1.	3.9	32.	-12.6	.02
4	1	79	3	-13.7	.31	.80	3.2	33.	1.7	1.	2.4	1.	3.5	32.	-12.6	.02
4	1	79	4	-14.0	.32	.81	3.1	32.	1.0	3.	2.2	1.	3.2	32.	-13.3	.02
4	1	79	5	-14.2	.28	.81	3.4	32.	1.2	1.	1.8	1.	3.5	31.	-13.3	.02
4	1	79	6	-14.5	.28	.81	3.2	32.	1.6	1.	2.1	1.	3.5	32.	-14.0	.03
4	1	79	7	-14.7	.27	.80	2.9	33.	1.0	2.	1.8	1.	3.2	32.	-14.0	.03
4	1	79	8	-14.9	.24	.80	3.2	33.	1.0	3.	2.3	1.	3.5	31.	-14.0	.03
4	1	79	9	-14.9	.25	.80	3.3	32.	.8	3.	1.7	1.	3.2	32	-14.0	.03
4	1	79	10	-14.5	.14	.80	3.0	33.	1.1	3.	1.9	1.	3.5	32.	-13.3	.02
4	1	79	11	-13.9	.07	.80	3.0	32.	.8	3.	2.5	1.	3.2	31.	-11.9	.02
4	1	79	12	-12.9	-.10	.78	3.2	35.	1.0	33.	2.4	1.	2.5	33.	-11.2	.01
4	1	79	13	-11.1	-.18	.76	2.8	32.	.7	1.	2.3	1.	2.1	31	-10.5	-.07
4	1	79	14	-10.6	.03	.73	2.2	34.	.6	28.	1.9	1	2.5	33.	-11.2	.01
4	1	79	15	-11.6	.70	.78	2.8	31.	.6	4.	1.8	1.	4.6	31.	-11.2	.01
4	1	79	16	-12.3	.41	.79	3.5	31.	.9	1.	2.1	1.	3.5	31.	-11.9	.02
4	1	79	17	-12.6	.42	.77	3.4	32.	1.3	1.	2.3	1.	3.9	31.	-12.6	.02
4	1	79	18	-12.5	.62	.75	3.4	34.	.8	29.	1.9	1.	2.5	33.	-13.3	.10
4	1	79	19	-13.1	.49	.80	3.1	31.	.9	31.	.7	4.	3.5	31.	-12.6	.10
4	1	79	20	-13.3	.53	.81	2.6	32.	.4	9.	1.6	1.	3.2	31.	-12.6	.02
4	1	79	21	-13.4	.35	.82	2.3	32.	.3	1.	1.5	1.	3.9	31.	-13.3	.10
4	1	79	22	-13.5	.69	.79	2.9	34.	1.5	31.	1.1	1.	3.2	31.	-13.3	.10
4	1	79	23	-14.0	.99	.81	3.3	33.	.8	30.	1.1	1.	3.2	30.	-13.3	.10
4	1	79	24	-13.8	.76	.80	4.0	33.	2.5	36.	1.5	1.	3.5	32.	-13.3	.10
5	1	79	1	-14.0	.45	.83	3.0	32.	1.0	33.	1.5	36.	3.5	31.	-12.6	.02
5	1	79	2	-14.1	.53	.81	2.7	32.	.8	34.	.7	32.	3.2	32.	-13.3	.10
5	1	79	3	-14.4	.46	.82	1.9	31.	.7	29.	1.1	4.	3.2	32.	-12.6	.10
5	1	79	4	-13.1	.54	.82	2.0	35.	.6	25.	1.3	2.	2.1	34.	-12.6	.02
5	1	79	5	-12.5	.37	.82	3.0	32.	0.0	37.	1.2	2.	3.2	31.	-11.9	.10
5	1	79	6	-12.3	.16	.82	1.7	32.	0.0	37.	1.6	1.	2.8	32.	-11.2	.01
5	1	79	7	-11.9	.08	.83	1.4	31.	.6	36.	1.6	1.	2.5	32.	-11.2	.01
5	1	79	8	-12.0	.22	.83	1.5	32.	.6	34.	1.5	1.	1.8	33.	-11.2	.01
5	1	79	9	-11.4	.06	.83	1.3	32.	.6	31.	1.3	2.	2.5	32.	-10.5	.01
5	1	79	10	-10.9	-.06	.84	1.5	32.	.4	32.	1.7	1.	2.5	32.	-10.5	.01
5	1	79	11	-10.4	-.10	.84	.7	34.	.4	29.	1.7	1.	1.4	31.	-10.5	.01
5	1	79	12	-9.8	-.10	.84	.4	1004.	.3	23.	.9	1.	1.1	32.	-9.8	.01
5	1	79	13	-9.7	.09	.84	.2	22.	.3	19.	.7	2.	1.1	34.	-9.8	.01
5	1	79	14	-9.5	-.27	.83	.2	15.	.8	12.	1.3	13.	1.1	21.	-9.8	.01
5	1	79	15	-10.2	-.07	.83	1.0	12.	1.2	12.	1.6	12.	2.1	16.	-9.1	.00
5	1	79	16	-10.4	-.09	.83	1.5	12.	.8	12.	.9	11.	3.2	15.	-9.1	-.08
5	1	79	17	-10.5	-.05	.83	1.2	12.	1.1	13.	.7	6.	2.1	14.	-9.1	-.08
5	1	79	18	-10.4	0.00	.83	.9	11.	.9	12.	1.2	8.	1.4	15.	-9.8	-.07
5	1	79	19	-10.3	.11	.84	.5	9.	.6	12.	1.5	4.	1.1	19.	-9.1	.00
5	1	79	20	-10.2	.17	.84	1.1	3.	1.0	36.	2.4	1.	1.8	34.	-9.1	-.08
5	1	79	21	-9.9	.12	.85	.8	3.	.8	36.	2.2	1.	1.4	33.	-9.1	-.08
5	1	79	22	-9.8	.17	.85	.6	3.	.7	1.	2.1	1.	1.4	33.	-9.1	.00
5	1	79	23	-9.6	.12	.85	.7	1.	.7	4.	2.1	1.	1.4	32.	-9.1	-.08
5	1	79	24	-9.4	.16	.85	.7	35.	.5	33.	2.4	1.	1.8	33.	-9.1	-.08

				T-AS	DT-AS	MM-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
6	1	79	1	-9.2	.10	.85	1.4	34.	.6	31.	2.4	1	1.4	32.	-9.1	-.08
6	1	79	2	-9.1	.18	.85	.8	3.	.7	31.	1.6	1.	2.5	34.	-8.4	-.08
6	1	79	3	-8.6	-.04	.86	1.0	35.	.6	32.	1.9	2.	1.4	32.	-8.4	-.09
6	1	79	4	-8.3	.18	.87	1.4	1005.	.7	32.	2.4	2.	3.2	33.	-8.4	-.08
6	1	79	5	-7.9	.16	.87	1.1	34.	1.2	30.	2.4	1.	3.2	31.	-7.7	-.08
6	1	79	6	-7.8	.04	.89	2.4	32.	.6	31.	3.0	1.	2.1	31.	-7.7	-.08
6	1	79	7	-7.4	.09	.88	1.3	2.	.8	30.	2.6	1.	1.4	31.	-7.0	-.09
6	1	79	8	-7.0	.20	.88	1.3	31.	1.4	29.	2.1	2.	2.1	31.	-7.0	-.09
6	1	79	9	-6.7	-.01	.89	2.1	32.	1.1	29.	2.5	2.	2.8	31.	-7.0	-.01
6	1	79	10	-6.3	-.12	.88	1.4	31.	1.2	29.	1.1	6.	3.2	30.	-6.3	-.09
6	1	79	11	-5.9	-.12	.88	.7	1001.	.6	26.	1.1	4.	1.4	33.	-6.3	-.01
6	1	79	12	-5.6	-.16	.87	.6	11.	.8	29.	1.1	12.	1.4	35.	-6.3	-.09
6	1	79	13	-5.5	-.14	.88	.9	15.	.6	6.	1.3	12.	1.1	33.	-5.6	-.02
6	1	79	14	-5.3	-.07	.90	.9	8.	.5	3.	1.7	11.	1.4	35.	-5.6	-.10
6	1	79	15	-4.8	.26	.91	1.5	12.	.6	4.	2.8	36.	2.5	32.	-4.9	-.10
6	1	79	16	-4.1	.51	.92	1.2	14.	.6	6.	3.1	36.	1.8	33.	-4.9	-.10
6	1	79	17	-2.4	.42	.93	1.4	16.	1.0	1.	2.4	36.	1.8	3.	-4.2	-.10
6	1	79	18	-.6	.14	.94	2.6	19.	.8	31.	1.5	36.	2.1	32.	-4.2	-.02
6	1	79	19	.2	.08	.94	2.9	19.	1.0	30.	.9	36.	1.4	32	-3.5	-.11
6	1	79	20	.7	-.01	.94	3.2	19.	.6	21.	2.1	36.	2.1	34.	-2.8	-.03
6	1	79	21	1.3	-.03	.93	4.7	20.	.6	3.	2.6	19	3.5	35.	0.0	-.05
6	1	79	22	1.8	-.03	.91	5.1	21.	2.0	20.	4.6	20.	5.3	21.	2.8	-.15
6	1	79	23	1.9	-.01	.90	6.7	21.	4.8	19.	4.3	17.	5.3	21.	2.8	-.15
6	1	79	24	1.7	-.03	.92	6.4	19.	5.7	2.	4.9	16.	6.7	18.	2.8	-.15
7	1	79	1	1.7	-.01	.94	7.0	20.	5.3	19.	4.8	16.	6.3	20.	2.1	-.14
7	1	79	2	1.9	-.01	.94	6.7	19.	5.4	20.	5.2	16.	5.3	21.	2.1	-.14
7	1	79	3	1.9	-.03	.94	4.2	17.	5.2	16.	4.7	14.	6.3	15.	2.1	-.14
7	1	79	4	1.6	-.03	.95	3.1	14.	5.2	17.	4.2	14.	8.1	14.	2.1	-.14
7	1	79	5	1.4	.05	.96	3.3	12.	4.3	19.	3.4	14.	7.4	14.	2.1	-.14
7	1	79	6	1.9	.03	.96	3.2	15.	4.1	18.	3.3	14.	4.2	14.	2.8	-.07
7	1	79	7	2.2	-.01	.96	4.4	19.	4.5	16.	2.9	14.	4.9	19.	2.8	-.15
7	1	79	8	2.4	.02	.95	4.6	19.	2.4	12.	2.9	15.	3.9	21.	2.8	-.15
7	1	79	9	2.5	.02	.95	4.7	20.	2.4	13.	2.9	15.	4.6	21.	3.5	-.15
7	1	79	10	3.0	.08	.94	4.1	20.	2.4	16.	2.5	15	2.8	21.	3.5	-.07
7	1	79	11	2.9	.19	.94	3.1	14.	2.9	17.	2.9	13.	2.8	16.	4.2	-.08
7	1	79	12	3.7	.11	.93	4.2	20.	4.1	16.	3.6	14.	4.2	21.	4.2	-.08
7	1	79	13	4.0	.10	.90	3.7	18.	3.7	17.	2.9	15.	4.2	17.	3.5	-.07
7	1	79	14	2.7	.34	.95	3.2	15.	5.0	17.	2.4	12.	3.5	17.	3.5	-.15
7	1	79	15	2.3	.52	.95	2.5	15.	3.3	13.	2.4	12.	3.2	16.	2.1	-.14
7	1	79	16	1.5	.84	.95	1.1	1013.	3.2	27.	2.1	16.	2.5	31.	3.5	.09
7	1	79	17	5.6	.22	.68	6.8	26.	5.5	30.	5.1	24.	3.5	26.	5.6	-.16
7	1	79	18	5.3	.07	.60	7.3	29.	6.8	31.	7.2	26.	8.1	29.	4.9	-.16
7	1	79	19	4.2	.05	.63	7.8	27.	4.6	27.	4.9	24.	3.5	30.	4.2	-.16
7	1	79	20	3.1	.03	.71	6.8	28.	3.9	26.	4.3	24.	4.2	28.	2.8	-.15
7	1	79	21	2.7	.08	.72	4.9	27.	4.4	25.	3.4	22.	3.2	27.	2.8	-.07
7	1	79	22	2.8	.08	.67	6.4	25.	4.1	26.	6.1	21.	4.2	25.	2.8	-.07
7	1	79	23	2.6	.05	.67	6.1	26.	3.5	26.	4.9	22.	5.6	25.	2.8	-.07
7	1	79	24	1.7	.04	.78	5.6	26.	4.6	27.	3.4	24.	1.4	30.	2.8	-.15
8	1	79	1	2.3	.07	.69	4.3	26.	2.8	27.	2.8	23.	2.5	30.	2.1	-.06
8	1	79	2	2.4	.09	.68	3.6	26.	3.2	29.	4.3	25.	3.5	29.	2.8	-.07
8	1	79	3	2.0	.03	.80	5.4	29.	2.8	28.	3.7	24.	2.8	27.	2.1	-.14
8	1	79	4	1.5	.21	.79	2.6	29.	2.8	28.	3.0	24.	2.5	32.	1.4	-.06
8	1	79	5	2.5	.11	.70	5.1	27.	1.6	28.	3.6	25.	2.5	32.	.7	.11
8	1	79	6	2.1	.14	.68	4.0	29.	.8	12.	2.9	25.	3.2	31.	.7	.11
8	1	79	7	1.7	.18	.69	3.9	29.	.8	0.	3.1	24.	3.5	33.	1.4	.02
8	1	79	8	2.2	.11	.65	5.2	28.	.7	10.	3.4	24.	2.1	30.	2.1	-.06
8	1	79	9	1.2	.22	.67	2.3	30.	1.8	1.	2.2	24.	3.2	28.	2.1	.02
8	1	79	10	1.6	.17	.64	2.7	27.	1.0	27.	3.1	24.	4.2	26.	2.8	.01
8	1	79	11	2.3	.03	.62	2.5	1026.	1.3	14.	2.4	24.	3.9	26.	2.8	-.15
8	1	79	12	2.0	.07	.62	1.6	24.	1.2	10.	2.2	22.	1.4	26.	.7	-.05
8	1	79	13	1.8	-.02	.62	1.6	25.	.6	12.	1.3	16.	1.8	32.	0.0	.19
8	1	79	14	2.0	-.05	.61	1.5	23.	.6	16.	.7	17.	1.1	1.	0.0	.19
8	1	79	15	1.5	.20	.62	3.0	21.	.6	12.	.9	16.	2.8	38.	.7	.11
8	1	79	16	1.0	.22	.67	3.6	20.	.3	1.	1.7	16.	3.5	21.	1.4	.02
8	1	79	17	1.1	.14	.80	2.9	17.	.5	13.	1.9	12.	3.9	20.	1.4	-.06
8	1	79	18	1.1	.11	.92	2.4	16.	1.4	15.	2.1	13.	3.5	17.	2.1	-.06
8	1	79	19	1.2	.08	.91	2.9	22.	.8	16.	1.9	16.	2.5	25.	2.1	-.06
8	1	79	20	1.0	.15	.90	2.0	17.	1.2	20.	2.1	14.	1.4	23.	1.4	-.14
8	1	79	21	.1	.34	.92	1.8	21.	.8	21.	2.1	15	1.4	0.	0.0	.03
8	1	79	22	-.8	.47	.93	1.6	22.	.6	4.	1.8	16.	1.1	36.	-1.4	.20
8	1	79	23	-1.1	.43	.88	1.7	24.	.5	4.	1.6	21.	2.5	22.	-2.1	.36
8	1	79	24	-1.4	.54	.83	2.7	23.	.6	4.	1.4	18.	2.5	29.	-3.5	.45

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
9	1	79	1	-1.4	.53	.79	2.0	22.	.6	0.	1.1	20.	2.1	32.	-2.8	.37
9	1	79	2	-1.4	.62	.78	2.5	24.	.6	0.	1.1	22.	2.5	31.	-3.5	.29
9	1	79	3	-1.8	.59	.76	1.8	24.	.4	0.	1.1	22.	1.8	31.	-4.9	.14
9	1	79	4	-2.2	.51	.76	2.2	24.	0.0	0.	.8	20.	1.8	33.	-4.9	.14
9	1	79	5	-2.4	.64	.77	1.5	23.	.4	0.	1.1	36.	1.4	34.	-4.9	.22
9	1	79	6	-2.5	.78	.77	1.6	22.	.5	1.	.6	6.	1.1	35.	-6.3	.15
9	1	79	7	-3.1	1.20	.79	2.0	20.	.5	1.	.6	4.	1.4	1.	-6.3	.31
9	1	79	8	-3.1	.58	.79	2.4	20.	.4	1.	.8	6.	1.4	35.	-6.3	.23
9	1	79	9	-3.0	.44	.79	2.9	20.	.4	1.	.9	2.	1.4	35.	-6.3	.31
9	1	79	10	-2.6	.22	.80	1.8	20.	.3	0.	1.6	1.	1.8	34.	-5.6	.30
9	1	79	11	99.0	99.00	99.00	99.0	99.	.3	1.	2.5	1.	1.4	35.	-4.9	-.02
9	1	79	12	-.3	-.61	.71	.6	13.	.3	0.	1.9	1.	1.8	3.	-4.2	-.10
9	1	79	13	-.2	-.18	.72	.9	12.	8.0	27.	2.1	1.	1.1	2.	-4.9	-.02
9	1	79	14	-1.1	-.02	.76	.9	17.	3.0	24.	1.8	1.	1.1	1.	-4.9	.06
9	1	79	15	-2.0	.06	.79	1.3	21.	28.0	22.	1.9	1.	1.1	35.	-4.9	.06
9	1	79	16	-3.7	.47	.85	1.0	25.	37.0	30.	1.5	1.	1.1	35.	-6.3	.15
9	1	79	17	-4.3	.77	.89	.9	16.	8.0	27.	1.8	1.	1.4	32.	-7.0	.23
9	1	79	18	-4.9	1.04	.90	1.6	27.	28.0	33.	2.5	1.	1.8	34.	-7.7	.16
9	1	79	19	-5.8	1.02	.90	1.8	33.	31.0	30.	2.4	1.	1.8	35.	-7.7	.08
9	1	79	20	-7.0	1.29	.90	2.2	34.	32.0	31.	2.1	1.	2.1	34.	-9.1	.08
9	1	79	21	-7.4	.77	.89	2.0	33.	24.0	32.	2.1	1.	2.1	33.	-9.1	.00
9	1	79	22	-8.9	.86	.89	2.4	33.	2.0	1.	1.6	1.	2.1	33.	-9.8	.01
9	1	79	23	-9.3	1.02	.89	2.4	33.	28.0	1.	1.7	1.	2.5	32.	-10.5	.01
9	1	79	24	-9.2	.22	.88	2.2	32.	25.0	4.	1.5	1.	2.5	33.	-9.1	.00
10	1	79	1	-8.6	.10	.88	2.2	32.	.6	2.	1.1	1.	2.1	34.	-8.4	-.08
10	1	79	2	-8.0	.16	.88	1.7	32.	.4	3.	1.4	1.	1.8	34.	-8.4	.00
10	1	79	3	-7.4	.08	.89	2.4	32.	.7	6.	1.5	1.	2.5	32.	-7.7	-.08
10	1	79	4	-7.0	-.05	.89	1.8	32.	.8	36.	1.5	1.	2.8	33.	-7.0	-.09
10	1	79	5	-6.8	-.05	.89	2.0	32.	.7	33.	1.6	1.	2.1	32.	-7.0	-.09
10	1	79	6	-6.5	.02	.89	1.6	32.	.7	34.	1.5	1.	2.1	32.	-6.3	-.09
10	1	79	7	-6.2	-.04	.90	1.8	31.	1.2	30.	1.5	1.	3.5	33.	-6.3	-.09
10	1	79	8	-6.1	-.04	.90	1.3	32.	.8	30.	2.1	1.	1.8	31.	-6.3	-.09
10	1	79	9	-6.0	0.00	.90	1.6	31.	1.0	30.	1.3	24.	2.1	32.	-5.6	-.02
10	1	79	10	-5.7	.01	.90	1.9	32.	1.2	30.	2.1	2.	2.5	33.	-5.6	-.10
10	1	79	11	-5.6	-.08	.90	1.8	32.	.9	29.	2.3	2.	2.1	32.	-5.6	-.10
10	1	79	12	-5.2	-.10	.90	1.9	32.	1.1	31.	2.6	1.	2.5	33.	-5.6	-.10
10	1	79	13	-4.9	-.06	.90	2.1	33.	.8	29.	2.1	1.	2.5	32.	-4.9	-.10
10	1	79	14	-4.8	.06	.90	1.7	33.	1.2	29.	1.6	1.	2.5	32.	-4.9	-.10
10	1	79	15	-4.5	.17	.92	1.5	33.	1.3	30.	2.4	1.	2.5	33.	-4.2	-.10
10	1	79	16	-4.3	.44	.92	.8	2.	1.9	28.	1.4	3.	2.1	32.	-4.2	-.10
10	1	79	17	-3.4	.14	.93	1.5	8.	1.3	29.	2.2	36.	1.1	33.	-3.5	-.11
10	1	79	18	-3.0	.01	.94	2.9	10.	.6	32.	2.2	5.	2.1	10.	-2.8	-.11
10	1	79	19	-3.0	0.00	.94	3.2	9.	1.6	38.	2.8	6.	3.2	9.	-2.1	-.20
10	1	79	20	-3.1	0.00	.94	3.4	9.	2.2	14.	2.9	8.	5.3	13.	-2.1	-.20
10	1	79	21	-3.1	.01	.94	3.2	10.	2.2	14.	2.6	8.	4.6	12.	-2.1	-.20
10	1	79	22	-2.6	.01	.94	3.5	8.	2.6	12.	4.1	5.	5.3	10.	-2.1	-.20
10	1	79	23	-3.1	-.04	.93	2.8	7.	2.1	12.	4.3	4.	4.9	9.	-2.1	-.20
10	1	79	24	-3.2	-.02	.92	3.1	7.	2.8	11.	5.2	3.	6.0	9.	-2.1	-.20
11	1	79	1	-3.4	-.02	.91	3.8	7.	2.9	10.	4.8	2.	4.9	8.	-2.8	-.19
11	1	79	2	-3.2	-.05	.91	4.2	6.	3.2	9.	5.4	2.	6.0	8.	-2.1	-.20
11	1	79	3	-2.9	-.16	.89	4.8	6.	3.7	9.	5.4	3.	6.0	8.	-2.1	-.20
11	1	79	4	-2.9	-.10	.90	4.4	6.	4.6	10.	5.2	3.	6.3	9.	-2.1	-.20
11	1	79	5	-2.7	-.06	.90	4.6	6.	3.4	10.	5.3	2.	4.6	8.	-2.1	-.28
11	1	79	6	-2.5	-.05	.91	4.3	6.	2.9	9.	4.4	2.	4.2	8.	-1.4	-.28
11	1	79	7	-2.3	-.05	.92	3.9	8.	2.9	10.	4.9	2.	3.5	8.	-1.4	-.28
11	1	79	8	-2.3	-.05	.92	3.8	6.	3.4	10.	4.9	3.	4.2	8.	-1.4	-.20
11	1	79	9	-2.3	-.06	.92	3.7	7.	3.5	10.	5.2	2.	4.6	8.	-1.4	-.20
11	1	79	10	-2.2	-.08	.91	4.2	7.	3.5	10.	5.1	2.	4.2	8.	-1.4	-.28
11	1	79	11	-2.1	-.08	.91	3.9	6.	1.8	10.	4.6	2.	3.9	8.	-1.4	-.28
11	1	79	12	-2.0	-.09	.91	4.1	7.	2.7	10.	4.7	3.	4.6	8.	-1.4	-.28
11	1	79	13	-1.8	-.10	.89	4.1	7.	2.5	10.	4.5	2.	4.2	8.	-1.4	-.28
11	1	79	14	-1.7	-.09	.88	4.2	8.	2.8	9.	4.4	3.	4.6	9.	-.7	-.21
11	1	79	15	-1.8	-.08	.90	3.7	7.	2.4	9.	4.1	3.	3.5	9.	-.7	-.29
11	1	79	16	-1.9	-.07	.91	3.3	7.	1.8	9.	4.0	3.	3.5	9.	-1.4	-.20
11	1	79	17	-1.8	-.05	.88	4.1	6.	3.1	9.	5.0	3.	4.6	7.	-1.4	-.20
11	1	79	18	-1.7	-.06	.86	4.6	7.	3.4	9.	5.5	2.	5.3	8.	-.7	-.21
11	1	79	19	-1.7	-.06	.84	4.6	6.	3.3	8.	5.4	2.	6.0	6.	-.7	-.21
11	1	79	20	-1.7	-.08	.84	3.8	5.	3.9	7.	5.2	2.	5.6	6.	-.7	-.21
11	1	79	21	-1.7	-.08	.84	4.4	6.	4.1	7.	5.6	2.	6.3	6.	-.7	-.21
11	1	79	22	-1.7	-.08	.84	4.6	6.	4.1	9.	5.2	3.	4.6	8.	-.7	-.21
11	1	79	23	-2.1	-.07	.89	3.9	6.	3.4	9.	5.2	2.	4.6	7.	-1.4	-.20
11	1	79	24	-2.3	-.08	.90	2.5	5.	4.0	8.	5.2	2.	5.3	5.	-1.4	-.20

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
12	1	79	1	-2.3	-.07	.90	2.9	3.	3.6	7.	5.6	1.	4.9	5.	-1.4	-.20
12	1	79	2	-2.3	-.06	.91	3.0	4.	4.2	7.	5.9	1.	5.6	5.	-1.4	-.20
12	1	79	3	-2.3	-.05	.90	3.2	5.	3.4	7.	6.4	1.	5.6	5.	-1.4	-.20
12	1	79	4	-2.4	-.05	.89	3.9	4.	3.5	6.	6.2	1.	5.3	5.	-1.4	-.20
12	1	79	5	-2.4	-.05	.88	4.0	4.	2.9	5.	5.6	1.	4.6	4.	-1.4	-.20
12	1	79	6	-2.2	-.06	.87	2.7	2.	3.6	6.	5.2	1.	5.3	4.	-1.4	-.20
12	1	79	7	-2.2	-.04	.88	3.6	3.	3.1	4.	5.7	1.	7.4	3.	-1.4	-.20
12	1	79	8	-2.1	-.06	.87	3.6	1.	3.0	4.	6.2	1.	7.4	3.	-.7	-.21
12	1	79	9	-1.9	-.07	.85	3.0	1.	4.6	6.	6.9	1.	6.7	3.	-.7	-.21
12	1	79	10	-1.8	-.06	.84	4.8	4.	3.7	6.	6.1	1.	6.7	4.	-.7	-.21
12	1	79	11	-1.8	-.09	.87	3.6	3.	3.0	4.	5.4	1.	6.0	3.	-.7	-.21
12	1	79	12	-1.0	-.09	.87	3.5	3.	2.5	3.	6.1	1.	6.3	3.	-.7	-.21
12	1	79	13	-1.8	-.09	.85	4.2	3.	3.7	4.	6.4	1.	6.7	3.	-.7	-.21
12	1	79	14	-2.0	-.09	.83	4.0	3.	3.7	4.	6.4	1.	7.7	3.	-.7	-.21
12	1	79	15	-2.6	-.07	.81	4.8	3.	3.6	4.	7.4	1.	8.1	3.	-1.4	-.20
12	1	79	16	-3.0	-.05	.79	5.4	1.	3.5	4.	8.4	1.	7.0	3.	-2.1	-.20
12	1	79	17	-3.4	-.05	.78	4.9	36.	3.5	36.	6.2	36.	6.0	35.	-2.8	-.19
12	1	79	18	-3.3	-.03	.75	4.9	36.	4.2	35.	6.2	36.	6.7	35.	-2.8	-.19
12	1	79	19	-3.4	-.04	.76	4.7	35.	4.4	35.	5.6	36.	6.7	36.	-2.8	-.19
12	1	79	20	-3.6	-.03	.76	4.7	35.	4.7	33.	5.6	36.	7.7	35.	-2.8	-.19
12	1	79	21	-3.9	-.01	.77	5.0	36.	4.6	34.	6.2	36.	7.4	35.	-2.8	-.19
12	1	79	22	-4.1	.00	.77	4.9	36.	4.2	35.	6.6	36.	6.7	35.	-2.8	-.19
12	1	79	23	-4.0	-.01	.75	5.1	36.	5.3	3.	7.2	36.	6.7	35.	-2.8	-.19
12	1	79	24	-4.2	-.05	.77	4.7	35.	5.7	3.	6.9	36.	7.0	35.	-3.5	-.19
13	1	79	1	-4.3	-.03	.76	4.7	35.	6.2	3.	6.2	36.	7.0	1.	-2.8	-.19
13	1	79	2	-4.3	-.02	.73	5.1	36.	5.9	3.	7.7	36.	8.4	1.	-2.8	-.19
13	1	79	3	-4.3	-.02	.72	5.5	36.	6.4	2.	7.4	36.	7.4	1.	-2.8	-.19
13	1	79	4	-4.4	0.00	.72	5.0	36.	5.8	1.	7.6	36.	6.7	35.	-3.5	-.19
13	1	79	5	-4.4	-.01	.71	4.7	35.	6.0	1.	7.4	36.	7.7	36.	-3.5	-.19
13	1	79	6	-4.4	-.02	.72	5.7	36.	5.3	33.	6.9	36.	6.7	36.	-3.5	-.19
13	1	79	7	-4.6	-.00	.75	4.8	35.	4.4	36.	6.3	36.	6.0	35.	-3.5	-.19
13	1	79	8	-4.6	0.00	.74	5.1	36.	5.2	1.	7.9	36.	7.0	35.	-3.5	-.19
13	1	79	9	-4.6	.01	.72	4.4	36.	5.0	1.	6.2	36.	6.0	36.	-3.5	-.19
13	1	79	10	-4.4	-.01	.70	4.1	36.	4.9	4.	5.2	36.	6.0	1.	-3.5	-.19
13	1	79	11	-3.8	-.14	.68	3.6	35.	4.1	4.	6.1	36.	5.6	1.	-2.8	-.19
13	1	79	12	-3.5	-.21	.67	4.2	34.	4.1	36.	4.9	36.	6.3	35.	-3.5	-.19
13	1	79	13	-3.7	-.16	.67	3.9	34.	3.2	36.	5.1	36.	5.6	35.	-2.8	-.19
13	1	79	14	-3.8	-.15	.66	3.9	34.	2.9	36.	4.1	36.	4.6	35.	-3.5	-.11
13	1	79	15	-4.1	-.04	.67	2.8	35.	1.8	36.	2.8	36.	3.9	35.	-3.5	-.11
13	1	79	16	-5.2	.16	.70	2.1	36.	1.7	36.	2.1	1.	3.5	33.	-4.2	-.10
13	1	79	17	-5.8	.32	.70	2.8	35.	2.0	33.	1.7	2.	2.5	32.	-5.6	-.02
13	1	79	18	-6.6	.35	.74	1.9	35.	1.4	28.	.9	2.	2.5	33.	-7.7	.16
13	1	79	19	-6.8	.39	.85	2.4	31.	.7	30.	1.1	2.	2.8	31.	-7.0	.07
13	1	79	20	-7.4	.60	.82	2.0	34.	.6	4.	1.4	1.	2.1	32	-7.0	-.01
13	1	79	21	-7.3	.85	.83	2.6	33.	.6	14.	1.5	1.	3.2	32.	-8.4	.48
13	1	79	22	-7.7	.50	.87	2.9	32.	.5	32.	1.9	1.	3.2	31.	-7.7	-.00
13	1	79	23	-7.6	.31	.85	2.3	33.	.9	33.	2.1	1.	3.2	32.	-7.7	-.08
13	1	79	24	-7.4	.08	.84	2.9	32.	1.0	29.	2.4	1.	3.5	32.	-7.0	-.09
14	1	79	1	-7.2	-.05	.85	2.7	31.	.9	31.	2.2	2.	3.2	31.	-7.7	-.08
14	1	79	2	-7.2	-.03	.84	2.6	31.	1.3	33.	2.2	2.	3.2	32.	-7.0	-.09
14	1	79	3	-7.3	.02	.82	2.8	32.	1.2	32.	2.6	2.	3.2	33.	-7.0	-.09
14	1	79	4	-7.1	.03	.82	2.7	33.	1.0	31.	2.5	1.	3.9	33.	-7.0	-.09
14	1	79	5	-7.1	.07	.82	3.3	32.	1.0	31.	1.9	1.	3.2	33.	-7.0	-.09
14	1	79	6	-7.0	.08	.83	2.8	31.	1.2	32.	1.9	1.	2.8	33.	-7.0	-.09
14	1	79	7	-7.1	.11	.83	3.0	32.	1.3	31.	1.9	1.	3.5	33.	-7.0	-.09
14	1	79	8	-7.3	.16	.82	3.2	32.	1.5	32.	1.6	1.	3.9	34.	-6.3	-.09
14	1	79	9	-6.9	.16	.80	3.4	31.	1.8	29.	1.8	3.	3.2	33.	-7.0	-.09
14	1	79	10	-6.4	.02	.79	2.6	32.	1.6	30.	2.1	2.	3.2	33.	-6.3	-.09
14	1	79	11	-6.1	-.01	.78	1.7	33.	.8	29.	1.7	1.	2.5	33.	-6.3	-.09
14	1	79	12	-6.0	.03	.78	2.9	31.	.8	29.	2.1	1.	2.8	33.	-6.3	-.09
14	1	79	13	-5.9	.06	.77	2.8	31.	.9	30.	2.4	2.	3.2	32.	-6.3	-.09
14	1	79	14	-5.4	.02	.77	1.8	33.	1.2	31.	2.1	2.	2.8	33.	-5.6	-.10
14	1	79	15	-5.8	.15	.77	2.4	33.	1.0	32.	2.4	2.	3.2	33.	-6.3	-.09
14	1	79	16	-7.2	.50	.79	2.8	34.	1.2	33.	1.8	1.	3.2	32.	-6.3	-.09
14	1	79	17	-7.5	.38	.80	2.3	32.	.9	31.	2.3	1.	3.2	31.	-7.0	-.09
14	1	79	18	-8.2	.34	.82	2.4	32.	1.1	33.	2.2	1.	2.5	31.	-7.7	-.00
14	1	79	19	-7.9	.30	.82	2.8	33.	.8	32.	2.4	1.	2.5	33.	-8.4	.00
14	1	79	20	-7.5	.04	.84	3.1	32.	1.4	34.	2.9	1.	3.5	32.	-7.7	-.08
14	1	79	21	-8.1	.19	.83	2.9	32.	1.2	1.	2.6	1.	2.5	31.	-8.4	-.08
14	1	79	22	-9.2	.37	.84	2.8	32.	.6	36.	2.2	1.	2.5	33.	-9.8	.01
14	1	79	23	-9.9	.37	.86	3.1	32.	.8	34.	2.1	1.	3.5	32.	-9.8	.01
14	1	79	24	-10.6	.34	.86	2.1	32.	.4	4.	1.9	1.	2.5	31.	-9.8	.01

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
15	1	79	1	-10.8	.24	.87	2.4	32.	.4	2.	1.9	1.	2.8	31.	-10.5	.09
15	1	79	2	-11.2	.40	.87	2.8	32.	.7	4.	2.0	1.	2.8	31.	-11.2	.09
15	1	79	3	-11.6	.40	.85	2.7	32.	.5	4.	1.9	1.	3.2	34.	-11.9	.10
15	1	79	4	-12.2	.49	.85	2.4	32.	.6	3.	1.9	1.	2.8	32.	-12.6	.18
15	1	79	5	-12.3	.35	.85	2.2	32.	.6	0.	2.1	1.	3.2	31.	-11.9	.02
15	1	79	6	-12.3	.43	.85	2.7	32.	.8	3.	1.7	1.	2.5	31.	-11.2	.01
15	1	79	7	-12.6	.36	.83	2.7	33.	.6	3.	1.9	1.	3.2	32.	-11.9	.10
15	1	79	8	-12.7	.41	.82	2.4	32.	.6	4.	2.1	1.	2.8	32.	-11.9	.02
15	1	79	9	-12.6	.34	.82	2.9	33.	.4	4.	1.9	1.	2.8	32.	-11.2	.01
15	1	79	10	-11.7	.18	.83	3.0	32.	.8	2.	2.1	1.	3.2	32.	-10.5	.01
15	1	79	11	-10.5	-.19	.83	2.2	33.	.8	3.	2.1	1.	2.5	31.	-9.8	.01
15	1	79	12	-9.8	-.49	.84	2.0	32.	.4	4.	2.3	1.	2.5	33.	-8.4	.00
15	1	79	13	-8.9	-.47	.84	1.9	33.	.6	2.	2.6	1.	1.8	34.	-7.7	-.08
15	1	79	14	-8.6	-.02	.83	2.0	33.	.3	31.	2.9	1.	2.8	32.	-7.7	-.08
15	1	79	15	-9.3	.26	.82	2.7	33.	.3	30.	2.8	1.	3.2	33.	-9.1	.00
15	1	79	16	-9.9	.39	.81	2.8	33.	.6	34.	2.6	1.	3.2	31.	-9.1	-.08
15	1	79	17	-10.4	.34	.81	3.1	32.	.6	1.	2.5	1.	3.2	31.	-9.1	-.08
15	1	79	18	-11.1	.44	.82	2.9	32.	.8	2.	2.1	1.	3.2	32.	-10.5	.01
15	1	79	19	-11.4	.26	.85	3.0	32.	.8	3.	1.9	1.	2.5	31.	-10.5	.01
15	1	79	20	-11.5	.28	.84	2.8	32.	.6	3.	1.7	1	3.2	31.	-10.5	.01
15	1	79	21	-11.1	.09	.85	2.0	32.	.4	1.	1.9	1	3.2	31.	-10.5	.01
15	1	79	22	-10.5	-.01	.85	1.9	32.	.4	32.	1.9	1.	2.1	33.	-9.8	.01
15	1	79	23	-9.9	-.03	.85	1.9	32.	.3	35.	1.9	1	3.2	33.	-9.8	-.07
15	1	79	24	-9.5	-.05	.85	2.0	32.	.4	34.	1.9	1.	2.5	33.	-9.1	.00
16	1	79	1	-9.2	-.05	.86	1.6	32.	.4	30.	1.8	2.	2.1	33.	-9.1	-.08
16	1	79	2	-8.9	-.10	.85	1.2	32.	.6	33.	1.2	1.	2.1	33.	-8.4	-.08
16	1	79	3	-8.6	-.04	.86	1.0	31.	.4	24.	1.1	1.	1.8	33.	-8.4	.00
16	1	79	4	-8.3	-.03	.86	1.2	31.	.6	29.	1.3	1.	1.8	33.	-8.4	.00
16	1	79	5	-8.4	.02	.86	.4	30.	.6	34.	1.4	2.	1.4	34.	-8.4	.00
16	1	79	6	-8.3	.11	.87	.9	30.	.5	33.	1.9	1.	1.8	33.	-8.4	.00
16	1	79	7	-8.1	.12	.87	1.3	31.	.8	34.	1.8	1.	1.8	33.	-8.4	.00
16	1	79	8	-7.8	.16	.87	.3	1032.	.7	33.	1.9	1.	.7	33.	-7.0	-.01
16	1	79	9	-7.3	.08	.87	.3	10.	.2	20.	1.4	1.	1.1	2.	-7.0	-.01
16	1	79	10	-6.6	-.05	.85	1.0	13.	.4	33.	1.3	1.	1.1	35.	-6.3	-.09
16	1	79	11	-6.0	-.06	.83	1.4	13.	.4	29.	1.3	11.	1.1	7.	-5.6	-.10
16	1	79	12	-4.9	-.13	.85	.4	27.	.5	31.	2.1	1.	1.8	34.	-5.6	-.10
16	1	79	13	-4.6	-.16	.85	1.5	32.	1.3	34.	2.7	1.	1.1	33.	-4.9	-.10
16	1	79	14	-4.1	-.18	.84	.7	35.	1.5	35.	2.6	1.	1.8	32.	-4.2	-.18
16	1	79	15	-4.3	-.05	.84	.6	1002.	.4	8.	1.9	1	1.4	5.	-4.2	-.18
16	1	79	16	-4.5	.19	.86	.5	1.	.4	12.	1.3	2.	1.4	35.	-4.2	-.10
16	1	79	17	-4.3	.10	.88	.6	35.	.3	8.	1.6	1.	1.8	33.	-4.2	-.02
16	1	79	18	-4.1	.35	.89	.3	8.	.6	33.	2.1	1.	1.8	34.	-4.2	-.02
16	1	79	19	-4.0	.23	.90	1.1	13.	.2	34.	1.4	2.	1.1	33.	-4.2	-.10
16	1	79	20	-3.5	.19	.91	1.7	12.	.3	29.	1.1	2.	1.4	33.	-3.5	-.03
16	1	79	21	-2.9	.09	.92	2.0	14.	0.0	37.	1.3	10.	1.1	34.	-3.5	-.03
16	1	79	22	-2.4	-.06	.92	2.3	14.	.3	20.	2.2	13.	3.2	35.	-2.8	-.03
16	1	79	23	-2.6	-.07	.91	2.9	13.	.9	18.	2.3	12.	5.3	15.	-2.1	-.20
16	1	79	24	-2.8	-.05	.91	2.0	12.	3.5	12.	2.1	12.	4.6	15.	-2.1	-.20
17	1	79	1	-3.0	-.07	.91	2.6	10.	3.0	13.	2.4	10.	4.6	14.	-2.1	-.20
17	1	79	2	-2.9	-.06	.91	2.7	10.	2.8	12.	1.9	7.	4.6	12.	-2.1	-.20
17	1	79	3	-3.1	-.06	.92	2.5	10.	2.4	10.	1.9	7.	4.2	12.	-2.1	-.20
17	1	79	4	-3.6	-.02	.93	1.7	9.	2.5	11.	2.6	6.	2.8	13	-2.8	-.19
17	1	79	5	-3.9	-.04	.93	2.0	7.	2.4	12.	2.2	5.	2.8	9.	-2.8	-.19
17	1	79	6	-4.3	-.05	.92	1.8	7.	2.8	13.	2.2	1.	2.1	13.	-3.5	-.19
17	1	79	7	-4.4	-.03	.92	1.6	8.	1.5	12.	1.5	4.	3.2	10.	-3.5	-.19
17	1	79	8	-4.7	-.04	.91	1.7	11.	1.9	13.	2.2	6.	3.5	14.	-3.5	-.19
17	1	79	9	-4.9	-.04	.90	1.6	7.	3.0	13.	2.1	6.	2.8	14.	-4.2	-.18
17	1	79	10	-5.2	.02	.90	2.6	5.	3.4	12.	3.9	2.	4.2	8.	-4.2	-.18
17	1	79	11	-4.7	-.19	.89	2.1	36.	1.5	7.	4.7	1.	2.5	34.	-3.5	-.19
17	1	79	12	-3.8	-.31	.83	1.4	34.	2.0	4.	3.7	1.	2.6	34.	-3.5	-.19
17	1	79	13	-3.4	-.15	.81	2.8	1.	2.5	2.	3.1	1.	4.2	35.	-2.8	-.19
17	1	79	14	-3.2	-.11	.79	2.2	36.	1.5	3.	3.9	1.	3.9	1.	-2.8	-.19
17	1	79	15	-3.9	-.06	.77	2.1	5.	.7	11.	1.7	6.	2.8	7.	-2.8	-.19
17	1	79	16	-5.0	.20	.82	2.2	8.	1.3	21.	1.1	2	1.4	9.	-4.2	-.10
17	1	79	17	-5.9	.33	.86	1.5	7.	.4	16.	.8	3.	1.8	32.	-7.0	.15
17	1	79	18	-6.7	.25	.88	1.7	5.	.5	2.	1.6	2.	2.1	32.	-7.7	.40
17	1	79	19	-7.3	.31	.89	1.2	2.	.3	6.	1.1	2.	2.5	32.	-9.1	.32
17	1	79	20	-7.8	.63	.90	1.0	36.	.3	31.	1.9	1.	2.5	31.	-9.1	.40
17	1	79	21	-8.0	.69	.89	1.0	34.	.6	36.	1.3	1.	2.1	33.	-9.8	.41
17	1	79	22	-9.2	.78	.88	1.5	34.	.6	33.	1.5	2.	2.8	31.	-9.8	.25
17	1	79	23	-9.7	.86	.87	1.7	33.	.3	1.	1.6	1.	2.5	32.	-10.5	.17
17	1	79	24	-9.6	.34	.87	1.8	33.	.3	26.	1.6	1.	2.5	34.	-9.8	.17

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
18	1	79	1	-9.7	.14	.87	2.0	32.	.4	29.	1.7	1.	2.8	31.	-10.5	.01
18	1	79	2	-10.0	.10	.86	1.8	31.	.6	33.	1.6	1.	2.5	32.	-10 3	.01
18	1	79	3	-10.7	.16	.85	2.2	32.	.9	34.	1.4	1.	2.5	32.	-11.9	.18
18	1	79	4	-10.4	.51	.85	2.1	32.	.7	31.	1.1	1.	2 1	34.	-11.2	.33
18	1	79	5	-9.6	2.57	.85	2.5	32.	.7	30	.5	2.	3.9	32.	-9.1	.16
18	1	79	6	-8.5	2.73	.86	2.2	31.	1.2	29.	.7	10.	3.9	31.	-7.7	.24
18	1	79	7	-7.0	1.60	.88	2.3	29.	.8	28	.5	4.	2.1	32.	-7.7	.24
18	1	79	8	-6.2	1.38	.89	2.1	30.	1.0	25.	.6	25.	1.1	21.	-7.0	.15
18	1	79	9	-4.9	1.59	.90	2.1	34.	.6	24.	.6	12	1.1	22.	-5.6	.14
18	1	79	10	-2.0	.29	.94	2.0	2.	.6	6.	.5	20.	1.4	14.	-3.3	-.11
18	1	79	11	-.9	.58	.94	2.0	4.	1.0	10.	.3	20	1.4	14.	-2.8	-.11
18	1	79	12	-.2	.56	.91	2.0	4.	2.8	4.	.4	16.	1.4	32.	0.0	.11
18	1	79	13	.4	.24	.82	2.0	4.	2.4	7.	1.1	2.	1.8	2.	.7	-.13
18	1	79	14	.6	.07	.75	2.7	4.	2.3	6.	3.1	1.	1.8	5.	1.4	-.14
18	1	79	15	.6	.00	.72	2.9	5.	2.1	6.	3.6	1.	3.9	5.	1.4	-.06
18	1	79	16	.1	.05	.73	2.2	4.	2.3	5.	4.6	1.	6.0	4.	.7	-.05
18	1	79	17	-.2	.03	.76	1.8	3.	2.1	5.	4.1	1.	4.9	4.	.7	-.13
18	1	79	18	-.6	.04	.78	2.5	1.	1.8	3.	3.6	1.	3.5	4.	.7	-.13
18	1	79	19	-.6	.10	.76	1.7	4.	1.2	4.	2.8	2.	3.9	7.	.7	-.13
18	1	79	20	-.4	.04	.74	2.1	3.	1.1	3.	3.6	2.	3.2	3.	.7	-.13
18	1	79	21	-.6	.03	.75	2.3	3.	1.4	5.	4.3	1.	4.2	3.	.7	-.13
18	1	79	22	-.7	.02	.76	1.8	5.	1.9	4.	1.7	2.	2.8	5.	0.0	-.13
18	1	79	23	-.8	-.01	.77	1.6	6.	1.3	8.	2.8	4.	3.5	8.	0.0	-.13
18	1	79	24	-1.0	-.05	.79	2.2	6.	1.8	9.	3.1	2.	3.2	8.	0.0	-.13
19	1	79	1	-1.2	-.05	.82	2.7	6.	1.9	10.	3.4	2.	3.5	7.	0.0	-.13
19	1	79	2	-1.3	-.05	.83	2.2	8.	1.5	10.	3.4	4.	3.5	6.	-.7	-.21
19	1	79	3	-1.5	-.05	.84	2.4	7.	2.7	11.	3.3	4.	3.9	6.	-.7	-.21
19	1	79	4	-1.6	-.05	.82	2.9	6.	1.7	10.	3.8	2.	3.2	7.	-.7	-.21
19	1	79	5	-1.7	-.05	.83	3.3	6.	1.1	18.	3.9	2.	3.2	8.	-.7	-.21
19	1	79	6	-1.9	-.05	.83	2.6	6.	1.5	25	4.5	2.	2.5	9.	-.7	-.13
19	1	79	7	-2.0	-.04	.83	3.3	4.	1.4	33.	5.2	2.	5.3	5.	-1.4	-.20
19	1	79	8	-2.2	-.05	.81	3.4	4.	1.4	33.	4.4	2.	4.6	4.	-1.4	-.20
19	1	79	9	-2.3	-.05	.82	2.8	5.	.9	32.	5.3	2.	4.2	4.	-1.4	-.20
19	1	79	10	-2.3	-.05	.83	2.8	5.	1.4	6.	5.6	2.	4.9	4.	-1.4	-.20
19	1	79	11	-2.2	-.09	.83	3.1	5.	1.9	7.	4.8	2.	4.6	6.	-1.4	-.20
19	1	79	12	-2.2	-.09	.84	2.4	4.	1.8	9.	4.2	2.	4.9	6.	-1.4	-.20
19	1	79	13	-2.1	-.10	.84	2.3	4.	2.0	9.	4.0	2.	4.9	6.	-1.4	-.20
19	1	79	14	-2.1	-.09	.82	3.0	6.	2.0	10.	3.6	3.	4.2	8.	-1.4	-.20
19	1	79	15	-2.4	-.08	.83	2.9	7.	2.3	10.	3.5	6.	4.6	6.	-1.4	-.20
19	1	79	16	-2.6	-.05	.83	2.9	6.	2.9	9.	4.2	4.	4.6	6.	-2.1	-.20
19	1	79	17	-2.7	-.05	.81	2.5	6.	3.1	9.	3.1	3.	3.5	7.	-2.1	-.20
19	1	79	18	-2.8	-.05	.79	2.8	6.	2.0	7.	3.1	3.	3.9	8.	-2.1	-.20
19	1	79	19	-3.0	-.05	.77	2.4	8.	2.0	9.	2.9	4.	3.9	10.	-2.1	-.20
19	1	79	20	-3.3	-.05	.77	2.7	7.	2.1	10.	2.9	6.	4.6	10.	-2.1	-.20
19	1	79	21	-3.5	-.05	.76	2.8	6.	2.3	12.	3.3	4.	3.5	9.	-2.8	-.19
19	1	79	22	-3.6	-.05	.77	2.2	5.	2.1	11.	3.6	4.	3.9	5.	-2.8	-.19
19	1	79	23	-3.8	-.05	.78	2.0	5.	1.7	12.	2.6	2.	3.2	7.	-2.8	-.19
19	1	79	24	-3.9	-.03	.77	1.7	4.	2.0	7.	2.4	1.	3.5	7.	-2.8	-.19
20	1	79	1	-4.1	-.03	.79	1.6	3.	1.7	6.	2.6	2.	3.2	8.	-2.8	-.19
20	1	79	2	-4.2	-.05	.80	1.6	1.	1.0	6.	2.7	2.	3.2	3.	-3.5	-.19
20	1	79	3	-4.3	-.04	.81	1.5	2.	.9	9.	2.4	2.	2.8	5.	-3.5	-.19
20	1	79	4	-4.4	-.04	.81	1.3	3.	1.8	10.	2.1	3.	2.5	5.	-3.5	-.19
20	1	79	5	-4.4	-.05	.80	1.4	6.	2.4	12.	2.3	5.	2.5	9.	-3.5	-.19
20	1	79	6	-4.5	-.05	.81	1.4	7.	3.0	12.	2.5	5.	2.1	9.	-3.5	-.19
20	1	79	7	-4.7	-.05	.83	1.0	6.	2.4	12.	2.8	5.	2.5	7.	-3.5	-.19
20	1	79	8	-4.8	-.04	.83	1.2	7.	1.4	11.	1.9	6.	2.5	9.	-3.5	-.19
20	1	79	9	-4.8	-.02	.84	.9	6.	1.2	12.	1.8	5.	2.5	10.	-3.5	-.19
20	1	79	10	-4.6	-.08	.84	.9	5.	.8	14.	1.7	2.	2.1	9.	-3.5	-.19
20	1	79	11	-4.2	-.14	.83	1.3	4.	.6	20.	1.6	2.	1.8	5.	-3.5	-.19
20	1	79	12	-3.7	-.15	.81	1.4	3.	.6	26.	2.6	1.	2.5	1.	-3.5	-.11
20	1	79	13	-3.2	-.16	.80	1.0	3.	1.0	32.	4.7	2.	4.9	5.	-2.8	-.19
20	1	79	14	-3.4	-.11	.80	2.0	4.	1.2	7.	4.1	2.	4.9	5.	-2.8	-.19
20	1	79	15	-3.6	-.09	.79	2.6	4.	1.6	7.	4.4	1.	5.6	3.	-2.8	-.19
20	1	79	16	-3.8	-.06	.81	3.3	3.	2.1	5.	5.4	1.	5.3	4.	-2.8	-.19
20	1	79	17	-4.0	-.05	.81	3.7	4.	2.7	5.	6.2	1.	5.6	4.	-3.5	-.19
20	1	79	18	-4.3	-.08	.82	2.6	1.	2.4	7.	5.1	1	5.6	4.	-3.5	-.19
20	1	79	19	-4.7	-.08	.82	2.5	3.	1.8	2.	3.5	1.	3.9	4.	-4.2	-.18
20	1	79	20	-5.6	.01	.82	2.1	2.	1.2	32.	3.1	1.	2.5	3.	-5.6	-.10
20	1	79	21	-6.2	.08	.79	3.0	1.	.6	34.	3 1	1.	3.2	31	-7.0	-.01
20	1	79	22	-6.3	.13	.77	2.7	35.	.7	27.	6.9	1.	5.3	31.	-6.3	-.01
20	1	79	23	-5.6	-.00	.77	4 0	2.	2.6	4.	7.2	1.	7.4	4.	-4.2	-.18
20	1	79	24	-5.4	-.05	.78	4.2	3.	3.8	4.	6.4	1.	6.0	4.	-4.2	-.18

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
21	1	79	1	-5.2	-.05	.80	3.7	5.	3.3	6.	5.9	1.	6.0	4.	-4.2	-.18
21	1	79	2	-5.1	-.05	.80	3.4	4.	2.5	8.	5.4	1.	5.6	4.	-4.2	-.18
21	1	79	3	-5.0	-.05	.80	2.3	5.	2.5	7.	4.7	1.	6.0	4.	-4.2	-.18
21	1	79	4	-5.1	-.05	.81	1.9	4.	2.4	7.	5.3	1.	6.0	3.	-4.2	-.18
21	1	79	5	-5.1	-.05	.81	2.5	4.	2.4	7.	5.2	2	6.0	7.	-4.2	-.18
21	1	79	6	-5.2	-.05	.81	2.6	7.	1.4	8.	3.5	3.	4.2	8.	-4.2	-.18
21	1	79	7	-5.4	-.05	.81	2.0	5.	1.5	10.	2.6	2.	3.5	6.	-4.2	-.18
21	1	79	8	-5.4	-.05	.82	1.8	5.	2.1	13.	2.4	3.	3.2	9.	-4.2	-.18
21	1	79	9	-5.4	-.06	.83	1.7	7.	2.3	13.	2.5	2.	2.5	9.	-4.2	-.18
21	1	79	10	-5.2	-.10	.84	.6	9.	1.5	11.	1.6	2.	1.8	7.	-4.2	-.18
21	1	79	11	-4.9	-.14	.86	.4	24.	.7	13.	1.1	2.	1.1	14.	-4.2	-.10
21	1	79	12	-4.5	-.27	.86	.6	33.	.4	21.	1.4	1.	1.1	4.	-4.2	-.10
21	1	79	13	-4.3	-.22	.85	1.0	34.	.8	13.	2.3	1.	2.5	3.	-4.2	-.18
21	1	79	14	-4.3	-.16	.83	1.1	2.	1.0	13.	2.6	1.	3.2	2.	-4.2	-.18
21	1	79	15	-4.5	-.13	.82	1.3	3.	.6	10.	2.9	2.	3.5	2.	-4.2	-.18
21	1	79	16	-4.8	-.08	.83	1.0	3.	.8	12.	1.9	2.	2.1	9.	-4.2	-.18
21	1	79	17	-5.1	-.01	.85	.5	1.	.7	12.	1.6	2.	1.9	9.	-4.2	-.18
21	1	79	18	-5.4	.08	.86	.9	36.	1.0	29.	2.2	1.	3.5	1.	-4.2	-.18
21	1	79	19	-5.6	.12	.86	1.3	1.	1.0	9.	2.1	1.	2.5	4.	-4.2	-.18
21	1	79	20	-5.2	.03	.84	1.4	1.	1.6	9.	2.6	1.	3.2	3.	-4.2	-.18
21	1	79	21	-5.3	.03	.83	1.1	1.	1.1	10.	1.7	2.	2.1	3.	-4.2	-.18
21	1	79	22	-5.3	.04	.83	.8	4.	.9	28.	1.8	2.	2.5	9.	-4.2	-.18
21	1	79	23	-5.4	.09	.84	.9	1.	.6	24.	1.9	2.	3.5	9.	-4.2	-.18
21	1	79	24	-5.4	.07	.84	.8	5.	1.1	4.	1.9	4.	2.8	10.	-4.2	-.18
22	1	79	1	-5.5	.11	.85	1.0	4.	1.4	3.	2.0	6.	2.1	9.	-4.2	-.18
22	1	79	2	-5.1	-.01	.83	1.9	1.	1.4	4.	3.1	1.	3.9	1.	-4.2	-.18
22	1	79	3	-5.1	-.04	.81	2.1	3.	1.3	6.	3.8	1.	3.9	3.	-4.2	-.18
22	1	79	4	-5.0	-.05	.81	2.4	3.	2.3	4.	3.7	1.	2.8	31.	-4.2	-.02
22	1	79	5	-5.1	-.05	.82	1.8	2.	1.8	34.	3.6	1.	2.8	32.	-4.9	-.10
22	1	79	6	-5.2	-.05	.82	2.3	1.	2.5	30.	2.5	1.	3.2	32.	-4.9	-.10
22	1	79	7	-5.2	-.02	.81	2.0	36.	2.5	29.	1.7	1.	3.2	32.	-5.6	-.10
22	1	79	8	-5.4	-.02	.81	1.5	33.	2.4	28.	2.1	1.	2.8	32.	-5.6	-.10
22	1	79	9	-5.6	-.03	.81	1.8	33.	1.5	29.	1.9	1.	2.8	31.	-5.6	-.10
22	1	79	10	-5.6	-.08	.83	1.9	33.	2.4	29.	1.8	1.	3.2	32.	-5.6	-.10
22	1	79	11	-5.3	-.20	.86	2.1	32.	2.5	28.	3.1	31.	3.5	33.	-5.6	-.10
22	1	79	12	-5.1	-.34	.82	2.0	33.	2.4	29.	1.9	32.	3.2	34.	-4.9	-.10
22	1	79	13	-4.4	-.40	.77	2.1	31.	2.7	28.	2.3	31.	1.8	33.	-4.9	-.10
22	1	79	14	-4.4	-.33	.74	2.2	30.	2.5	27.	2.6	34.	2.5	32.	-4.9	-.02
22	1	79	15	-5.0	-.24	.73	1.9	32.	1.8	27.	2.0	31.	2.1	33.	-6.3	.07
22	1	79	16	-7.6	.28	.79	1.4	33.	1.1	29.	1.4	32.	2.1	33.	-7.0	-.01
22	1	79	17	-8.1	.32	.81	2.1	31.	1.2	29.	1.7	1.	2.1	33	-8.4	.24
22	1	79	18	-8.6	.26	.85	2.0	32.	1.0	32.	2.1	1	3.2	33.	-9.1	.16
22	1	79	19	-9.4	.26	.86	2.0	32.	1.1	34.	2 1	1	2 8	31.	-9.1	.00
22	1	79	20	-9.9	.18	.87	2.3	32.	.7	33.	2.1	1.	3.2	31.	-9.1	.00
22	1	79	21	-10.7	.20	.87	2.1	32.	1.0	36.	1.9	1.	2.5	32.	-11.2	.17
22	1	79	22	-11.1	.21	.87	2.1	31.	.6	31.	1.1	1.	3.2	33.	-11.2	.09
22	1	79	23	-11.7	.24	.86	1.8	32.	.6	33.	1.6	1.	3.2	32.	-11.9	.18
22	1	79	24	-11.6	.17	.87	1.9	31.	0.0	37.	2.1	1	1.8	31.	-11.9	.02
23	1	79	1	-11.8	.19	.85	1.5	32.	.7	36.	1.8	36.	1.8	33.	-11.9	.10
23	1	79	2	-11.7	.08	.87	2.0	31.	.4	25.	1.7	36.	2.5	34.	-12.6	.42
23	1	79	3	-11.4	.01	.86	1.6	32.	.6	32.	2.4	36.	2.5	32.	-11.9	.10
23	1	79	4	-11.1	-.04	.85	1.4	32.	1.0	36.	1.8	36	1.8	32.	-11.2	.01
23	1	79	5	-10.8	-.02	.86	1.5	32.	.5	32.	1.9	36.	2.1	33.	-11.2	.09
23	1	79	6	-10.8	.05	.86	1.4	32.	.7	30.	1.1	2.	2.1	33.	-10.5	.09
23	1	79	7	-10.8	.10	.86	1.3	31.	.8	29.	1.5	2.	2.5	32.	-10.5	.01
23	1	79	8	-10.0	-.03	.86	1.3	32.	.8	32.	1.7	1.	1.8	31.	-9.8	-.07
23	1	79	9	-9.6	-.02	.86	1.2	32.	.6	32.	1.5	1.	2.5	32.	-9.8	-.07
23	1	79	10	-9.0	-.07	.87	1.5	32.	.8	34.	1.5	1.	1.8	32.	-9.1	-.08
23	1	79	11	-8.1	-.16	.88	1.1	32.	.6	29.	1.6	1.	2.1	32.	-9.1	-.08
23	1	79	12	-7.4	-.11	.88	1.3	31.	1.0	32.	1.4	2.	1.1	33.	-7.7	-.00
23	1	79	13	-7.1	-.09	.88	1.2	32.	.4	28.	1.5	1.	1.8	33.	-7.0	-.01
23	1	79	14	-6.9	-.11	.89	1.1	31.	.9	30.	1.6	1.	1.8	33.	-7.0	-.01
23	1	79	15	-6.8	-.05	.89	2.0	31.	1.2	29.	1.5	2.	2.5	32.	-7.0	-.01
23	1	79	16	-6.8	-.02	.89	1.0	33.	1.0	31.	2.2	2.	2.5	32.	-7.0	-.09
23	1	79	17	-6.8	.05	.89	1.4	31.	1.2	29.	2.4	2.	2.1	32.	-7.0	-.09
23	1	79	18	-7.2	.14	.88	2.0	32.	.9	30.	2.1	1.	2.1	32.	-7.0	-.09
23	1	79	19	-8.0	.33	.88	1.4	33.	1.2	31.	2.4	1.	2.1	32.	-7.7	-.08
23	1	79	20	-7.6	.18	.88	1.6	33.	1.1	29.	1.4	1.	2.5	32.	-7.7	-.08
23	1	79	21	-7.4	.09	.88	2.0	33.	1.1	29.	2.2	1.	2.5	32.	-7.7	-.08
23	1	79	22	-7.4	.07	.88	1.6	33.	.9	30.	1.7	1.	2.8	31.	-7.0	-.09
23	1	79	23	-7.3	.08	.89	1.5	36.	1.2	29.	2.6	1.	2.1	31.	-7.0	-.09
23	1	79	24	-7.0	.03	.89	1.3	3.	.8	33.	3.5	1.	2.5	33.	-7.0	-.01

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
24	1	79	1	-6.9	-.01	.88	1.7	2.	.6	29.	3.1	1.	2.5	33.	-7.0	-.09
24	1	79	2	-6.9	-.11	.87	2.3	36.	1.0	30.	3.4	1.	4.2	4.	-5.6	-.10
24	1	79	3	-7.0	-.22	.84	2.4	1.	1.4	9.	4.3	1.	4.6	2.	-5.6	-.18
24	1	79	4	-7.0	-.16	.83	2.4	1.	1.8	7.	5.6	1.	5.6	2.	-5.6	-.18
24	1	79	5	-6.9	-.11	.80	2.7	2.	2.3	5.	5.4	1.	5.6	4.	-5.6	-.18
24	1	79	6	-7.2	-.05	.79	2.9	1.	3.2	8.	6.4	1.	7.4	3.	-5.6	-.18
24	1	79	7	-7.7	.02	.77	3.4	2.	3.0	6.	6.9	1.	4.9	3.	-6.3	-.17
24	1	79	8	-7.6	0.00	.77	2.3	36.	3.1	2.	4.8	1.	3.5	2.	-6.3	-.17
24	1	79	9	-7.2	-.04	.76	2.1	1.	2.3	36.	4.3	1.	2.5	1.	-6.3	-.09
24	1	79	10	-6.7	-.08	.76	2.1	1.	1.7	36.	4.8	1.	4.2	1.	-5.6	-.18
24	1	79	11	-6.3	-.10	.76	2.7	1.	1.7	36.	5.4	1.	4.6	3.	-5.6	-.18
24	1	79	12	-5.9	-.14	.75	2.7	2.	1.9	2.	4.6	1.	3.9	2.	-5.6	-.18
24	1	79	13	-5.7	-.15	.73	2.8	36.	1.8	3.	4.4	2.	3.2	2.	-5.6	-.18
24	1	79	14	-5.8	-.12	.72	3.3	1.	1.0	5.	4.4	2.	3.9	2.	-5.6	-.18
24	1	79	15	-5.9	-.09	.72	3.3	36.	1.8	1.	4.2	1.	3.5	2.	-4.9	-.18
24	1	79	16	-6.1	-.04	.72	2.5	36.	3.0	1.	4.1	1.	3.9	36.	-4.9	-.18
24	1	79	17	-6.3	-.02	.72	3.0	36.	2.7	4.	4.1	1.	3.2	1.	-5.6	-.10
24	1	79	18	-6.3	-.02	.72	2.8	36.	2.9	36.	3.3	1.	3.5	35.	-5.6	-.10
24	1	79	19	-6.4	-.02	.73	2.8	36.	2.2	33.	2.4	1.	3.2	2.	-5.6	-.10
24	1	79	20	-6.4	-.04	.74	3.3	2.	1.6	35.	3.9	1.	3.5	33.	-5.6	-.10
24	1	79	21	-6.6	-.03	.75	2.6	3.	1.7	3.	5.4	1.	5.6	4.	-5.6	-.18
24	1	79	22	-6.8	-.02	.76	2.7	4.	1.8	5.	5.9	2.	5.3	4.	-5.6	-.18
24	1	79	23	-7.0	-.03	.75	2.9	4.	1.9	5.	5.9	2.	5.3	4.	-5.6	-.18
24	1	79	24	-7.3	-.05	.75	3.4	6.	2.4	8.	5.9	2.	5.3	6.	-6.3	-.17
25	1	79	1	-7.7	-.05	.75	3.1	7.	3.1	8.	4.4	2.	3.9	7.	-6.3	-.17
25	1	79	2	-8.2	-.05	.75	3.4	6.	2.1	9.	4.1	2.	4.2	9.	-7.0	-.17
25	1	79	3	-8.8	-.05	.73	3.5	7.	2.5	10.	4.1	4.	4.9	9.	-7.7	-.16
25	1	79	4	-9.3	-.05	.70	2.9	7.	4.5	10.	3.5	2.	3.9	9.	-7.7	-.16
25	1	79	5	-9.7	-.04	.71	3.0	6.	2.8	11.	3.6	3.	5.3	9.	-8.4	-.08
25	1	79	6	-10.4	.01	.71	3.5	6.	2.1	10.	3.9	4.	4.6	9.	-8.4	-.16
25	1	79	7	-11.1	.06	.72	2.9	6.	2.8	11.	3.4	3.	4.2	8.	-9.1	-.16
25	1	79	8	-11.3	.06	.72	2.8	5.	1.6	8.	3.4	2.	4.6	8	-9.1	-.16
25	1	79	9	-11.3	-.01	.73	3.2	5.	2.2	7.	5.2	2.	5.3	7.	-9.8	-.07
25	1	79	10	-11.1	-.09	.72	2.6	4.	1.6	7.	4.6	2.	4.9	8.	-9.8	-.07
25	1	79	11	-11.0	-.10	.72	2.5	5	1.7	7.	4.6	2.	5.3	8.	-9.8	-.07
25	1	79	12	-11.1	-.11	.76	2.2	5.	2.5	7.	4.1	2.	4.6	6.	-9.8	-.15
25	1	79	13	-11.0	-.16	.78	2.9	3.	1.6	5.	4.8	1.	5.3	2.	-9.8	-.15
25	1	79	14	-11.0	-.13	.78	3.6	3.	1.8	5.	6.2	1.	6.7	2.	-9.8	-.15
25	1	79	15	-11.1	-.10	.77	3.5	2.	2.3	3.	6.9	1.	6.0	2.	-9.8	-.15
25	1	79	16	-11.4	-.07	.76	4.0	36.	2.2	2.	7.1	1.	6.0	3.	-9.8	-.15
25	1	79	17	-11.5	-.07	.76	3.9	2.	1.9	1.	6.2	1.	4.9	2.	-9.8	-.15
25	1	79	18	-11.5	-.06	.76	3.8	2.	1.7	32.	5.4	1.	4.9	3.	-9.8	-.15
25	1	79	19	-11.7	-.05	.76	3.9	2.	1.5	1.	6.2	1.	4.9	3.	-9.8	-.15
25	1	79	20	-12.0	-.05	.75	4.1	2.	1.4	6.	7.8	1.	7.0	4.	-9.8	-.15
25	1	79	21	-12.4	-.01	.75	3.5	2.	1.8	4.	6.9	1.	4.2	3.	-10.5	-.07
25	1	79	22	-12.7	.05	.75	3.3	35.	2.1	33.	4.3	1.	3.9	33.	-11.2	-.07
25	1	79	23	-12.8	.06	.73	2.3	36.	2.5	36.	3.7	1.	3.2	33.	-11.9	.02
25	1	79	24	-13.5	.13	.72	2.4	36.	2.5	34.	1.6	1.	2.8	32.	-12.6	.10
26	1	79	1	-13.9	.17	.71	2.3	3.	1.5	33.	1.4	2.	2.5	32.	-14.0	.19
26	1	79	2	-14.3	.24	.73	2.2	4.	.8	30.	2.6	1.	2.1	32.	-14.7	.19
26	1	79	3	-14.6	.10	.73	2.7	2.	1.0	27.	2.5	2.	2.5	32.	-14.7	.19
26	1	79	4	-15.5	.17	.74	2.6	3.	.8	27.	2.6	1.	2.5	35.	-15.4	.11
26	1	79	5	-15.8	.11	.75	2.6	2.	.9	25.	3.3	1.	2.8	35.	-14.7	.03
26	1	79	6	-16.6	.18	.75	2.5	1.	.8	30.	3.0	1.	3.2	35.	-15.4	.11
26	1	79	7	-16.7	.14	.75	3.1	35.	1.1	33.	2.5	1.	4.2	31.	-16.8	.04
26	1	79	8	-17.0	.17	.75	3.7	36.	1.2	34.	2.8	1.	3.9	31.	-16.8	.04
26	1	79	9	-17.3	.22	.74	3.4	35.	1.3	29.	2.5	36.	4.6	31.	-17.5	.04
26	1	79	10	-17.2	.18	.74	3.2	34.	1.4	30.	2.5	36.	4.2	31.	-17.5	.04
26	1	79	11	-15.9	-.08	.72	3.0	35.	1.3	29.	2.1	36.	4.6	31.	-16.8	.04
26	1	79	12	-15.0	-.16	.71	3.3	34.	1.5	30.	2.5	36.	3.9	31.	-16.1	-.05
26	1	79	13	-14.2	-.14	.69	4.0	34.	1.9	30.	2.1	36.	4.2	32.	-14.7	-.05
26	1	79	14	-13.3	-.11	.68	4.5	36.	3.1	32.	1.6	36.	4.2	33.	-14.0	-.05
26	1	79	15	-12.7	-.08	.66	5.8	36.	3.6	33.	3.5	36.	4.2	32.	-13.3	-.06
26	1	79	16	-12.5	-.02	.65	5.7	36.	3.5	33.	4.8	36.	6.0	33.	-12.6	-.06
26	1	79	17	-12.3	-.02	.65	4.9	36.	4.6	34.	4.2	36.	6.0	33.	-11.9	-.06
26	1	79	18	-12.0	-.03	.65	3.9	35.	4.6	36.	4.8	36.	6.0	33.	-11.9	-.06
26	1	79	19	-11.8	-.05	.65	2.5	36.	5.5	36.	4.9	36.	6.0	33.	-11.9	-.06
26	1	79	20	-11.7	-.03	.64	2.3	36.	4.1	33.	4.1	36	5.6	33.	-11.9	-.06
26	1	79	21	-11.6	-.05	.65	2.1	2.	3.9	34.	3.8	36	6.7	34.	-11.2	-.07
26	1	79	22	-12.0	-.05	.68	2.6	2.	3.3	34.	3.1	36	5.6	33.	-11.2	-.07
26	1	79	23	-12.3	-.05	.71	2.3	2.	3.3	1.	1.9	36.	5.3	34.	-11.9	-.06
26	1	79	24	-13.0	.03	.73	1.2	2.	2.7	2.	3.3	36.	4.2	33.	-11.9	.02

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
27	1	79	1	-13.6	.15	.69	2.7	35.	1.4	1.	3.2	34.	3.5	32.	-12.6	.02
27	1	79	2	-14.1	.22	.68	2.7	34.	2.7	1.	2.1	32.	2.8	32.	-14.0	.19
27	1	79	3	-14.4	.26	.71	2.2	32.	1.8	28.	1.8	31.	2.1	32.	-14.0	.03
27	1	79	4	-15.2	.28	.76	1.7	29.	1.0	27.	.8	32.	1.4	0.	-14.7	.19
27	1	79	5	-16.3	.33	.78	1.0	28.	.8	29.	1.1	32.	1.8	32.	-16.8	.92
27	1	79	6	-16.7	.49	.80	2.0	30.	1.0	30.	1.3	36.	2.8	33.	-18.2	.84
27	1	79	7	-17.2	.38	.80	1.8	31.	.9	33.	1.9	1.	3.2	32.	-18.9	.37
27	1	79	8	-18.1	.42	.79	2.0	32.	.8	31.	1.6	1.	3.2	33.	-18.9	.29
27	1	79	9	-18.6	.33	.78	2.1	32.	1.2	33.	1.8	1.	1.8	32.	-18.9	.29
27	1	79	10	-17.1	.16	.78	1.6	33.	.8	33.	2.2	1.	2.8	32.	-18.2	.20
27	1	79	11	-16.0	-.15	.78	1.8	32.	.8	32.	.6	1.	2.5	32.	-17.5	.28
27	1	79	12	-15.3	-.23	.78	1.4	33.	1.3	29.	1.9	1.	1.4	33.	-14.7	.11
27	1	79	13	-13.6	-.34	.78	.9	33.	1.6	28.	1.5	1.	1.8	33.	-14.0	.19
27	1	79	14	-13.3	-.20	.77	1.1	32.	1.9	28.	1.4	1.	2.1	32.	-14.0	.11
27	1	79	15	-13.1	-.19	.78	.7	32.	1.4	29.	1.8	1.	2.5	32.	-14.0	.03
27	1	79	16	-14.0	.07	.80	1.6	32.	1.1	29.	2.1	1.	2.1	32.	-14.7	.03
27	1	79	17	-14.3	.21	.80	1.5	32.	1.2	32.	2.1	1.	2.5	32.	-14.7	.03
27	1	79	18	-14.1	-.03	.80	1.9	31.	1.2	31.	2.8	1.	2.5	33.	-14.0	.11
27	1	79	19	-13.8	.01	.80	1.7	33.	1.3	30.	3.1	1.	3.2	31.	-14.0	.03
27	1	79	20	-13.6	-.09	.80	1.9	32.	2.3	28.	3.1	1.	3.5	32.	-14.0	.03
27	1	79	21	-13.4	-.03	.83	2.2	33.	2.3	29.	3.1	1.	4.2	32.	-14.0	-.05
27	1	79	22	-13.4	-.06	.83	2.2	32.	2.7	29.	2.9	1.	3.9	33.	-14.0	-.05
27	1	79	23	-13.6	-.07	.81	2.2	32.	2.9	30.	3.3	1.	3.9	33.	-14.7	-.05
27	1	79	24	-13.9	-.10	.80	2.7	34.	1.9	29.	3.8	1.	4.2	31.	-14.0	.03
28	1	79	1	-14.1	-.13	.79	3.1	32.	2.8	29.	3.1	2.	3.9	33.	-14.0	-.05
28	1	79	2	-13.7	-.13	.79	2.3	33.	2.5	30.	3.6	1.	3.5	32.	-14.0	-.05
28	1	79	3	-13.9	-.08	.79	2.8	33.	1.9	30.	3.3	1.	4.2	32.	-14.0	-.05
28	1	79	4	-13.7	-.06	.80	2.6	32.	3.0	29.	2.7	1.	4.6	32.	-14.0	-.05
28	1	79	5	-13.4	-.03	.82	3.9	31.	2.1	30.	2.5	2.	3.5	33.	-13.3	.02
28	1	79	6	-12.6	.01	.82	2.5	33.	2.5	29.	3.4	1.	5.6	32.	-12.6	-.06
28	1	79	7	-12.5	-.07	.82	3.3	32.	2.9	30.	3.5	1.	4.6	33.	-12.6	-.06
28	1	79	8	-12.1	-.08	.83	3.3	32.	2.2	30.	3.3	2.	3.2	33.	-11.9	-.06
28	1	79	9	-11.6	-.08	.83	2.3	33.	2.2	29.	3.4	1.	2.8	33.	-11.9	-.06
28	1	79	10	-11.0	-.07	.81	2.9	33.	1.8	30.	3.1	1.	3.2	32.	-11.2	-.07
28	1	79	11	-10.3	-.13	.82	2.6	33.	2.0	30.	3.1	1.	2.8	33.	-10.5	.01
28	1	79	12	-9.7	-.19	.83	1.9	32.	1.2	29.	2.9	1.	2.5	33.	-9.8	.01
28	1	79	13	-8.7	-.24	.83	2.2	32.	1.9	30.	2.9	1.	2.5	33.	-9.1	-.08
28	1	79	14	-7.4	-.34	.80	2.0	33.	1.6	31.	3.4	1.	1.4	32.	-8.4	.00
28	1	79	15	-7.2	-.29	.76	1.3	31.	1.6	31.	2.1	2.	2.5	33.	-8.4	.56
28	1	79	16	-9.2	.21	.79	2.5	32.	1.3	31.	2.3	1.	2.8	31.	-9.1	.00
28	1	79	17	-10.4	.39	.83	1.3	32.	1.4	29.	2.1	1.	3.2	32.	-10.5	.01
28	1	79	18	-10.2	.24	.83	1.8	33.	1.4	28.	2.4	1.	2.1	32.	-11.2	.01
28	1	79	19	-10.5	.17	.81	1.9	32.	1.2	34.	1.9	1.	3.2	33.	-11.2	.09
28	1	79	20	-10.1	-.02	.82	2.2	33.	.7	32.	3.8	1.	2.1	33.	-10.5	.01
28	1	79	21	-10.3	.09	.81	2.0	34.	1.9	35.	2.7	1.	3.5	32.	-10.5	.01
28	1	79	22	-9.8	-.07	.82	2.0	32.	1.6	30.	2.9	1.	2.5	32.	-10.5	-.07
28	1	79	23	-9.8	-.11	.82	1.5	32.	1.6	30.	3.1	1.	3.2	33.	-9.8	.01
28	1	79	24	-9.8	-.11	.83	1.7	32.	1.2	29.	3.6	1.	2.5	32.	-10.5	.01
29	1	79	1	-9.8	-.11	.81	1.5	33.	1.8	29.	3.4	1.	2.8	32.	-10.5	.01
29	1	79	2	-9.9	-.08	.81	2.0	32.	1.8	29.	3.5	1.	2.5	33.	-10.5	-.07
29	1	79	3	-10.1	-.07	.82	1.9	33.	1.8	30.	3.1	1.	2.8	33.	-10.5	.01
29	1	79	4	-10.0	-.10	.84	1.9	32.	1.1	30.	3.1	1.	2.5	33.	-10.5	-.07
29	1	79	5	-10.0	-.00	.87	1.8	32.	1.3	30.	3.4	1.	2.8	32.	-10.5	.01
29	1	79	6	-9.9	-.01	.88	2.1	33.	1.7	30.	3.3	1.	2.5	33.	-10.5	.01
29	1	79	7	-9.6	.02	.88	2.5	33.	1.8	29.	3.4	1.	2.8	32.	-9.8	.01
29	1	79	8	-9.4	-.02	.88	2.1	33.	1.7	30.	3.2	1.	3.2	32.	-9.8	-.07
29	1	79	9	-9.0	-.06	.87	1.5	33.	1.7	30.	3.1	1.	2.5	33.	-9.1	.00
29	1	79	10	-8.4	-.08	.87	1.7	32.	1.5	29.	2.9	1.	2.5	32.	-9.1	.00
29	1	79	11	-7.8	-.11	.87	1.4	33.	2.1	29.	2.3	2.	2.8	33.	-8.4	-.08
29	1	79	12	-7.2	-.13	.86	1.7	31.	1.8	29.	1.9	2.	2.1	32.	-7.7	-.00
29	1	79	13	-6.5	-.02	.85	1.1	32.	1.9	30.	1.9	2.	1.8	32.	-7.0	-.01
29	1	79	14	-6.0	.06	.86	.8	32.	2.1	30.	2.1	2.	1.8	33.	-7.0	-.01
29	1	79	15	-5.5	-.24	.86	.7	8.	1.4	29.	2.1	1.	1.8	34.	-6.3	-.01
29	1	79	16	-5.8	-.12	.88	1.2	10.	1.2	30.	2.1	1.	1.8	35.	-6.3	-.01
29	1	79	17	-6.0	-.05	.88	.3	12.	1.3	29.	2.4	1.	1.8	34.	-6.3	-.01
29	1	79	18	-6.2	-.04	.89	.6	3.	1.4	28.	2.1	1.	2.1	34.	-6.3	-.09
29	1	79	19	-6.2	-.13	.87	1.3	5.	1.4	28.	2.1	2.	1.8	33.	-7.0	-.01
29	1	79	20	-6.3	-.15	.86	2.0	5.	1.4	28.	2.8	2.	1.8	33.	-6.3	-.01
29	1	79	21	-6.4	-.10	.86	2.6	5.	1.2	28.	3.4	2.	3.9	5.	-5.6	-.10
29	1	79	22	-6.6	-.09	.85	2.3	5.	1.1	28.	3.4	2.	4.6	7.	-5.6	-.18
29	1	79	23	-6.7	-.06	.85	2.5	5.	1.0	30.	3.4	2.	3.9	7.	-5.6	-.18
29	1	79	24	-7.0	-.05	.85	1.8	3.	.6	30.	3.4	2.	3.9	6.	-5.6	-.18

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
30	1	79	1	-7.1	-.05	.84	2.2	3.	.8	0.	3.6	2.	4.6	3.	-6.3	-.17
30	1	79	2	-7.2	-.05	.83	2.5	2.	1.7	8.	3.5	1.	4.2	3.	-6.3	-.17
30	1	79	3	-7.3	-.05	.82	2.1	1.	1.0	12.	3.1	2.	4.2	5.	-5.6	-.18
30	1	79	4	-7.4	-.04	.82	2.0	36.	2.4	4.	4.3	1.	5.3	4.	-5.6	-.18
30	1	79	5	-7.3	-.04	.81	1.6	2.	2.4	4.	5.4	1.	6.3	3.	-6.3	-.17
30	1	79	6	-7.2	-.04	.80	2.3	3.	2.2	6.	6.4	1.	7.0	4.	-6.3	-.17
30	1	79	7	-7.1	-.05	.79	2.8	4.	2.4	6.	5.6	1.	6.0	4.	-6.3	-.17
30	1	79	8	-7.3	-.05	.78	3.2	3.	1.2	3.	5.4	1.	6.0	4.	-6.3	-.17
30	1	79	9	-7.4	-.04	.78	2.6	3.	2.3	3.	5.4	1.	5.6	4.	-6.3	-.17
30	1	79	10	-7.4	-.10	.78	2.4	3.	1.7	29.	4.2	36.	3.9	32.	-7.7	-.08
30	1	79	11	-7.1	-.12	.76	2.5	2.	1.5	22.	3.1	36.	3.9	31.	-8.4	-.08
30	1	79	12	-7.2	-.16	.74	3.3	35.	1.8	29.	2.6	31.	2.8	32.	-8.4	-.08
30	1	79	13	-6.9	-.28	.71	2.3	33.	1.7	29.	2.5	30.	4.6	33.	-8.4	-.08
30	1	79	14	-6.6	-.22	.68	2.4	34.	1.2	29.	1.8	32.	4.6	35.	-7.7	-.08
30	1	79	15	-7.1	-.09	.68	3.0	32.	1.4	30.	1.9	31.	4.9	33.	-7.7	-.08
30	1	79	16	-7.8	.19	.69	2.9	33.	1.5	29.	2.1	32.	3.2	33.	-7.7	-.08
30	1	79	17	-8.4	.23	.71	3.4	32.	1.6	30.	1.9	1.	3.2	33.	-9.1	.00
30	1	79	18	-8.9	.22	.71	3.8	32.	2.0	30.	1.7	1.	3.2	33.	-9.1	.00
30	1	79	19	-8.9	.19	.70	3.8	32.	1.9	30.	1.9	1.	4.9	33.	-8.4	.00
30	1	79	20	-9.1	.25	.69	4.3	32.	2.1	29.	3.0	1.	8.1	33.	-8.4	.00
30	1	79	21	-9.0	.22	.65	4.1	33.	3.0	29.	2.9	2.	7.7	33.	-9.1	.00
30	1	79	22	-9.1	.29	.65	4.3	32.	3.9	29.	2.1	2.	6.0	34.	-9.1	-.08
30	1	79	23	-9.1	.35	.64	4.5	32.	3.5	30.	2.1	2.	7.0	34.	-9.1	.00
30	1	79	24	-9.1	.30	.63	4.1	32.	4.5	30.	1.6	3.	6.7	34.	-9.1	.00
31	1	79	1	-9.3	.36	.65	4.1	31.	4.0	30.	1.6	2.	4.9	33.	-9.1	.08
31	1	79	2	-9.6	.36	.64	4.5	31.	4.2	29.	1.6	2.	4.6	33.	-9.8	.09
31	1	79	3	-9.6	.36	.63	4.9	32.	2.7	31.	1.9	1.	6.3	33.	-9.8	.01
31	1	79	4	-10.1	.40	.62	4.3	32.	2.2	31.	2.5	2.	6.0	33.	-9.8	.09
31	1	79	5	-10.3	.33	.61	4.7	33.	2.5	33.	2.3	1.	6.7	34.	-10.5	.01
31	1	79	6	-10.9	.37	.62	4.1	32.	2.4	33.	2.4	1.	4.6	33.	-10.5	.01
31	1	79	7	-11.2	.43	.61	3.8	33.	1.8	33.	1.9	1.	3.5	33.	-10.5	.01
31	1	79	8	-11.2	.37	.60	4.7	32.	1.7	30.	2.5	1.	3.9	32.	-11.9	.02
31	1	79	9	-11.6	.41	.61	4.0	32.	1.2	33.	2.4	1.	3.2	32.	-11.9	.02
31	1	79	10	-10.7	.16	.58	4.7	33.	.8	33.	2.6	1.	3.2	32.	-10.5	.01
31	1	79	11	-9.6	-.03	.54	3.8	33.	1.7	30.	2.8	1.	3.5	33.	-9.8	.01
31	1	79	12	-8.7	-.07	.52	3.7	33.	1.6	29.	2.6	1.	3.9	34.	-9.1	-.08
31	1	79	13	-8.2	-.13	.51	3.7	33.	1.4	31.	3.0	1.	3.5	33.	-8.4	-.08
31	1	79	14	-7.2	-.15	.48	4.0	32.	.8	32.	3.2	1.	2.5	33.	-6.3	-.09
31	1	79	15	-4.4	-.45	.43	2.9	32.	.8	33.	3.8	1.	2.5	3.	-5.6	.14
31	1	79	16	-5.4	-.13	.40	3.1	33.	1.5	30.	2.8	1.	3.2	38.	-6.3	-.09
31	1	79	17	-7.3	.36	.45	3.3	33.	2.2	31.	2.6	1.	3.2	31.	-7.7	-.00
31	1	79	18	-8.4	.28	.50	3.1	32.	1.8	31.	3.1	2.	3.9	31.	-9.1	.00
31	1	79	19	-9.5	.33	.53	2.6	33.	1.4	31.	2.7	1.	3.2	31.	-9.8	.01
31	1	79	20	-10.2	.31	.57	3.2	32.	1.3	32.	3.0	1.	3.5	31.	-10.5	.01
31	1	79	21	-11.1	.30	.62	3.3	32.	.8	33.	2.6	1.	3.9	30.	-11.2	.01
31	1	79	22	-11.4	.11	.69	2.2	33.	.7	1.	3.2	1.	3.2	32.	-11.2	.01
31	1	79	23	-10.6	.08	.69	2.4	32.	.8	35.	2.6	1.	3.2	32.	-10.5	.01
31	1	79	24	-10.1	-.01	.69	1.7	33.	.6	32.	2.6	1.	1.8	33.	-9.8	-.07
1	2	79	1	-9.8	-.03	.71	1.3	33.	.3	31.	2.1	1.	1.8	34.	-9.8	.01
1	2	79	2	-9.6	-.03	.73	1.7	32.	.6	33.	2.4	2.	2.5	32.	-9.8	-.07
1	2	79	3	-9.3	0.00	.72	1.4	32.	1.0	34.	2.6	1.	1.4	32.	-9.1	-.08
1	2	79	4	-9.1	.04	.73	1.2	32.	1.2	33.	1.2	2.	2.5	32.	-9.1	.00
1	2	79	5	-9.1	.04	.79	1.4	33.	1.0	24.	2.5	1.	1.8	33.	-9.8	.01
1	2	79	6	-9.1	.06	.85	1.1	2.	.9	34.	2.3	1.	1.4	33.	-8.4	-.08
1	2	79	7	-8.6	.07	.86	1.1	5.	1.1	32.	2.6	1.	2.5	33.	-8.4	-.08
1	2	79	8	-8.7	.16	.86	1.4	32.	1.8	29.	3.2	1.	3.5	32.	-7.7	-.08
1	2	79	9	-8.3	-.06	.87	2.9	35.	1.5	29.	2.3	1.	3.2	31.	-8.4	-.08
1	2	79	10	-7.8	-.11	.87	2.5	34.	1.4	29.	2.1	1.	2.5	33.	-7.7	-.08
1	2	79	11	-6.7	-.26	.84	1.8	32.	1.9	28.	1.7	2.	2.8	32.	-7.0	-.09
1	2	79	12	-5.8	-.34	.82	1.9	31.	.8	26.	1.4	6.	1.8	35	-6.3	-.09
1	2	79	13	-3.8	-.48	.76	.5	31.	.6	27.	1.1	2.	1.8	34.	-4.9	-.18
1	2	79	14	-4.7	-.24	.76	1.2	12.	.9	11.	1.4	10.	3.9	12.	-4.9	-.18
1	2	79	15	-5.6	-.13	.84	3.1	12.	1.4	10.	1.9	12.	3.5	15.	-4.9	-.18
1	2	79	16	-6.1	-.11	.87	2.2	13.	2.3	11.	1.7	12.	3.5	15.	-5.6	-.18
1	2	79	17	-6.4	-.08	.88	1.8	11.	2.3	12	1.1	12.	2.5	15.	-5.6	-.10
1	2	79	18	-6.5	-.04	.90	1.7	9.	1.4	10.	1.8	2.	1.8	10.	-5.6	-.18
1	2	79	19	-6.3	.00	.92	.7	1.	.8	34.	2.1	1.	1.8	3.	-5.6	-.10
1	2	79	20	-6.0	.19	.92	.8	3.	.7	8.	2.2	2.	1.8	5.	-5.6	-.10
1	2	79	21	-5.8	.19	92	.9	1020.	.6	22.	1.5	2.	1.4	19.	-5.6	-.10
1	2	79	22	-5.4	.10	.92	.7	20.	.9	11.	1.3	8.	2.1	18.	-5.6	-.10
1	2	79	23	-5.3	.08	.92	1.5	13.	1.4	10.	1.6	12.	2.8	14.	-4.9	-.10
1	2	79	24	-5.1	.10	.92	1.3	9.	1.2	11.	1.5	6.	2.5	13.	-4.9	-.10

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
2	2	79	1	-5.0	0.00	.91	1.9	8.	1.6	36.	2.1	36.	2.5	9.	-4.2	-.10
2	2	79	2	-4.9	-.02	.91	1.3	34.	2.8	36.	3.8	36.	5.3	34.	-4.9	-.10
2	2	79	3	-5.4	-.01	.90	2.2	35.	2.6	1.	3.3	35.	4.6	33.	-5.6	-.10
2	2	79	4	-6.3	.03	.89	2.4	35.	1.6	34.	3.9	36.	3.9	2.	-6.3	-.17
2	2	79	5	-8.4	.22	.86	2.5	34.	.9	28.	2.2	36.	2.8	32.	-7.7	-.08
2	2	79	6	-10.0	.35	.85	1.4	36.	.5	28.	1.1	1.	1.8	31.	-9.1	.00
2	2	79	7	-10.3	.37	.84	1.5	36.	.7	32.	1.5	1.	1.1	32.	-10.5	.41
2	2	79	8	-10.4	.40	.85	1.6	30.	.4	24.	1.4	1.	2.8	33.	-11.9	.58
2	2	79	9	-10.5	.39	.84	2.0	31.	1.2	32.	99.0	99.	2.5	33.	-11.9	.66
2	2	79	10	-9.6	.29	.84	2.0	33.	.6	36.	2.6	1.	2.8	34.	-11.2	.41
2	2	79	11	-8.1	-.20	.85	1.7	34.	1.7	28.	.9	1.	2.1	33.	-9.1	.16
2	2	79	12	-6.7	-.37	.87	.9	33.	1.3	28.	1.6	1.	1.1	34.	-6.3	-.01
2	2	79	13	-5.2	-.54	.88	.4	1033.	1.4	27.	1.4	1.	1.1	4.	-4.9	-.42
2	2	79	14	-3.8	-.83	.77	.4	12.	.7	27.	2.0	1.	1.1	16.	-5.6	-.10
2	2	79	15	-5.5	-.21	.78	.9	10.	.6	28.	1.5	1.	1.1	14.	99.0	99.00
2	2	79	16	-7.4	.11	.83	.8	12.	.7	28.	1.7	1.	1.4	33.	-7.0	.07
2	2	79	17	-8.1	.08	.86	.5	1011.	1.1	33.	2.1	1.	2.1	33.	-8.4	.16
2	2	79	18	-7.9	.26	.88	1.2	29.	.6	28.	2.1	1.	2.5	33.	-8.4	.16
2	2	79	19	-8.9	.59	.87	1.8	33.	1.4	31.	2.3	1.	1.8	32.	-9.1	.08
2	2	79	20	-8.8	.43	.86	2.4	32.	1.7	28.	2.1	1.	2.5	32.	-9.1	.08
2	2	79	21	-8.6	.39	.86	2.4	31.	1.5	29.	2.9	1.	3.2	34.	-8.4	.00
2	2	79	22	-9.6	.32	.85	2.4	31.	1.1	29.	2.4	1.	2.5	31.	-9.1	.00
2	2	79	23	-10.1	.40	.85	2.4	32.	1.3	32.	2.5	1.	2.5	33.	-10.5	.09
2	2	79	24	-10.1	.29	.85	1.9	31.	1.1	29.	2.5	1.	2.5	32.	-10.5	.01
3	2	79	1	-10.0	.28	.86	2.1	33.	.9	29.	2.7	1.	2.1	4.	-10.5	.09
3	2	79	2	-9.5	.41	.86	1.4	1007.	.9	6.	1.3	6.	1.4	16.	-9.1	.08
3	2	79	3	-8.9	.85	.86	2.1	12.	.6	28.	1.9	1.	1.4	11.	-7.7	.08
3	2	79	4	-7.2	.46	.88	3.1	11.	.6	29.	1.7	2.	1.8	38.	-7.0	.07
3	2	79	5	-5.3	.08	.91	3.0	11.	1.1	32.	1.9	1.	2.8	32.	-6.3	.07
3	2	79	6	-5.1	.18	.91	1.3	5.	1.1	29.	3.6	1.	2.1	34.	-6.3	.15
3	2	79	7	-5.1	.03	.91	1.3	3.	1.9	28.	2.9	1.	1.8	32.	-5.6	.06
3	2	79	8	-5.4	-.02	.90	1.1	1.	2.1	29.	3.6	1.	3.9	32.	-6.3	.07
3	2	79	9	-6.1	-.09	.89	2.3	35.	1.6	28.	2.8	1.	3.5	33.	-7.0	.07
3	2	79	10	-6.6	-.14	.87	2.4	35.	1.1	29	2.8	1.	4.2	33.	-6.3	.07
3	2	79	11	-6.7	-.10	.87	3.0	35.	2.1	31.	3.6	1.	4.9	33.	-6.3	.07
3	2	79	12	-4.8	-.40	.79	3.6	33.	5.6	34.	4.9	36.	5.6	33.	-4.9	.06
3	2	79	13	-4.0	-.30	.67	5.5	35.	8.3	35.	5.4	32.	4.9	0.	-4.2	.06
3	2	79	14	-4.4	-.14	.64	5.0	34.	2.9	33.	3.6	34.	3.5	32.	-3.5	.05
3	2	79	15	-3.9	-.08	.70	3.7	31.	1.6	31.	2.1	24.	6.7	33.	-3.5	.13
3	2	79	16	-3.2	.11	.66	5.1	32.	5.4	34.	5.9	31.	5.6	33.	-3.5	.13
3	2	79	17	-2.8	.07	.61	5.8	31.	3.9	33.	5.6	30.	4.6	33.	-3.5	.13
3	2	79	18	-3.0	.08	.61	4.0	30.	6.1	34.	6.4	31.	5.3	32.	-3.5	.13
3	2	79	19	-3.2	.13	.57	3.8	32.	6.6	33.	5.6	31.	2.8	33.	-3.5	.13
3	2	79	20	-3.7	.23	.54	3.8	33.	5.2	33	4.8	31.	3.2	32.	-4.9	.14
3	2	79	21	-4.5	.15	.60	2.7	30.	3.1	33.	4.3	31.	3.2	31.	-4.9	.14
3	2	79	22	-4.8	.16	.58	3.6	29.	1.1	16.	2.9	28.	2.5	31.	-4.9	.14
3	2	79	23	-4.8	.20	.54	4.2	30.	1.8	30.	2.2	24.	3.2	31.	-7.0	.39
3	2	79	24	-5.6	.46	.56	3.6	30.	3.1	29.	1.1	24.	2.8	30.	-8.4	.72
4	2	79	1	-6.5	.69	.58	3.4	31.	1.1	29.	1.1	24.	1.8	32.	-9.1	.72
4	2	79	2	-6.5	.99	.63	3.9	31.	1.4	27.	.8	3.	1.1	0.	-9.1	.64
4	2	79	3	-7.1	1.03	.68	2.8	30.	.8	28.	.6	20.	1.4	18.	-8.4	.64
4	2	79	4	-7.4	1.64	.73	3.4	30.	.6	28.	.6	2.	1.1	14.	-9.1	.24
4	2	79	5	-7.0	1.64	.70	1.9	28.	.7	26.	.7	6.	1.1	14.	-9.1	.48
4	2	79	6	-7.1	1.18	.70	1.6	24.	.6	4.	.9	2.	1.8	31.	-8.4	.16
4	2	79	7	-7.6	1.68	.77	2.6	25.	.6	4.	2.1	1.	2.1	33.	-10.5	.57
4	2	79	8	-9.0	2.13	.85	2.5	28.	.6	20.	2.1	1.	1.8	33.	-11.9	.66
4	2	79	9	-8.4	1.28	.76	2.2	32.	.7	24.	1.9	1.	1.4	32.	-9.8	.25
4	2	79	10	-5.4	.67	.67	1.6	31.	.7	26.	1.8	1.	1.8	33.	-9.1	.48
4	2	79	11	-3.0	-.20	.63	1.5	32.	.6	30.	2.5	1.	1.1	20.	-8.4	.16
4	2	79	12	-2.5	-.35	.58	.9	34.	.7	31.	2.3	-1.	1.4	8.	-4.9	-.02
4	2	79	13	-1.6	-.32	.55	.5	1032.	.9	-26.	-1.5	2.	1.8	21.	-3.5	-.19
4	2	79	14	.2	-.65	.49	.4	24.	.8	26.	.6	1.	1.1	3.	-3.5	.05
4	2	79	15	.7	-.29	.45	.3	1017.	.7	26.	1.2	1.	1.1	17.	-4.2	.14
4	2	79	16	-1.0	-.42	.52	.4	15.	1.1	27.	1.1	1.	1.1	34.	-4.2	.14
4	2	79	17	-4.5	.57	.69	.4	20.	.7	20.	1.5	2.	1.8	34.	-4.9	.22
4	2	79	18	-4.9	1.09	.83	1.3	28.	.6	28.	2.1	1.	1.1	34.	-5.6	.14
4	2	79	19	-5.7	.83	.82	1.3	31.	.9	28.	1.6	1.	1.8	3.	-6.3	.15
4	2	79	20	-6.3	1.25	.81	1.4	36.	.8	26.	1.1	1.	1.1	0.	-7.0	.15
4	2	79	21	-6.6	2.89	.85	2.5	29.	.9	32.	1.6	1.	3.2	32.	-8.4	.40
4	2	79	22	-7.3	1.77	.85	2.9	31.	.9	32.	2.7	1.	2.1	33.	-9.1	.24
4	2	79	23	-6.5	.76	.78	3.6	33.	.7	29.	2.9	1.	1.8	33.	-9.1	.24
4	2	79	24	-7.4	1.20	.81	3.6	33.	.9	29.	3.1	1.	3.2	31.	-9.1	.16

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
5	2	79	1	-8.2	1.85	.83	4.6	33.	1.2	29.	3.3	1.	2.8	33.	-9.8	.17
5	2	79	2	-8.6	2.03	.82	5.2	33.	1.2	30.	3.1	1.	3.2	32.	-9.1	.16
5	2	79	3	-8.1	1.20	.82	4.4	33	1.6	29.	3.5	1.	4.2	33.	-8.4	.00
5	2	79	4	-8.8	.77	.84	4.1	31.	2.1	29.	2.7	1.	3.9	31.	-8.4	-.08
5	2	79	5	-8.5	.96	.84	3.1	31.	2.6	29.	1.9	1.	2.1	33.	-8.4	-.08
5	2	79	6	-8.3	.80	.85	1.1	30.	2.0	28.	1.8	1.	1.4	33.	-8.4	.00
5	2	79	7	-7.5	.44	.86	1.3	29.	1.1	28.	2.1	1.	2.8	32.	-8.4	.00
5	2	79	8	-8.1	.26	.88	2.2	32.	1.6	30.	2.6	1.	3.2	32.	-9.1	.00
5	2	79	9	-8.8	.59	.86	3.4	31.	1.7	30.	3.1	1.	3.9	32.	-9.1	.00
5	2	79	10	-7.0	.15	.80	3.3	32.	1.7	29.	2.1	2.	3.9	31.	-7.7	.08
5	2	79	11	-4.9	.22	.75	3.4	32.	2.1	28.	1.8	1.	1.8	33.	-6.3	-.01
5	2	79	12	-2.9	.08	.65	2.7	32.	1.3	28.	1.9	1.	1.4	3	-3.5	-.19
5	2	79	13	.1	-.69	.54	1.1	29.	1.7	27.	.6	5.	1.1	13.	-2.1	-.20
5	2	79	14	2.6	-.67	.42	.3	1022.	1.6	28.	.6	2.	1.1	9.	-.7	-.21
5	2	79	15	-.7	.32	.59	.9	10.	1.4	28.	.6	3.	1.1	12.	-2.8	.13
5	2	79	16	-2.8	.48	.77	1.0	9.	.7	12.	.6	6.	1.1	6.	-3.5	.21
5	2	79	17	-4.7	.97	.86	1.2	29.	1.1	6.	1.2	2.	1.8	33.	-4.9	.38
5	2	79	18	-5.3	1.45	.89	2.0	30.	.9	4.	1.3	2.	2.1	33.	-6.3	.55
5	2	79	19	-5.2	1.85	.86	2.7	31.	1.3	20.	1.1	2.	2.8	30.	-7.0	.15
5	2	79	20	-5.7	1.09	.84	1.5	33.	.6	28.	1.5	1.	1.4	30.	-6.3	.31
5	2	79	21	-5.0	1.13	.74	2.3	32.	.9	24.	1.1	1.	1.8	34.	-7.0	.15
5	2	79	22	-5.0	1.04	.76	3.3	33.	.5	12.	1.1	1.	1.6	29.	-7.7	.48
5	2	79	23	-5.4	1.43	.77	4.3	31.	.6	10.	1.3	1.	2.1	32.	-8.4	1.12
5	2	79	24	-5.3	.94	.73	2.8	31.	.7	10.	1.4	1.	1.4	35.	-9.1	.72
6	2	79	1	-5.3	.83	.73	3.7	31.	.5	2.	1.9	1.	3.2	33.	-9.8	.97
6	2	79	2	-5.2	.98	.70	4.1	32.	.7	6.	2.6	1.	3.5	32.	-9.1	.88
6	2	79	3	-6.2	1.27	.74	4.5	31.	1.1	30.	2.1	1.	2.5	32.	-7.7	.40
6	2	79	4	-6.1	1.07	.73	3.0	31	.7	26.	1.5	1.	2.5	32.	-9.8	.81
6	2	79	5	-7.1	1.28	.78	4.0	31.	1.7	29.	1.9	1.	2.8	32.	-10.5	1.21
6	2	79	6	-6.6	1.28	.74	4.6	32.	.6	32.	2.5	1.	2.8	32.	-10.5	1.05
6	2	79	7	-7.7	1.10	.77	2.7	32.	1.4	28.	2.1	1.	1.1	33.	-10.5	.73
6	2	79	8	-8.0	1.21	.78	3.7	31.	1.4	31.	1.9	1.	3.9	31.	-11.2	.57
6	2	79	9	-6.7	1.75	.76	4.5	31.	.8	30.	2.5	1.	3.5	32.	-9.8	.33
6	2	79	10	-4.2	1.35	.70	4.4	31.	.7	32.	3.4	1.	1.8	34.	-9.1	.48
6	2	79	11	-2.8	.78	.65	3.5	32.	.6	24.	2.1	1.	1.1	2.	-5.6	.22
6	2	79	12	-.8	.30	.59	3.4	31.	2.1	29.	1.9	1.	1.8	3.	-3.5	.05
6	2	79	13	3.2	-1.29	.45	1.1	30.	1.7	29.	.6	36.	1.1	17.	-.7	-.05
6	2	79	14	2.5	-.99	.48	.6	10.	.6	22.	.6	14.	1.1	9.	0.0	-.05
6	2	79	15	-2.0	.18	.77	1.9	12.	.6	22.	.9	16.	1.8	3.	-2.1	-.04
6	2	79	16	-3.5	.63	.87	2.5	12.	.6	17.	1.1	16.	1.8	15.	-3.5	.05
6	2	79	17	-4.9	.96	.92	2.6	14.	.7	20.	1.6	15.	1.1	33.	-4.9	.14
6	2	79	18	-5.9	.54	.93	2.9	13.	.7	8.	1.1	14.	1.1	35.	-5.6	.06
6	2	79	19	-6.4	.97	.90	2.3	14.	.7	6.	.6	14.	1.4	2.	-6.3	-.01
6	2	79	20	-5.8	.98	.90	3.0	12.	.7	17.	1.4	1.	1.1	13.	-6.3	-.01
6	2	79	21	-5.6	.46	.91	3.0	12.	.3	16.	1.2	2.	1.8	3.	-7.0	.15
6	2	79	22	-5.9	.52	.90	1.9	12.	.6	30.	1.8	1.	1.4	33.	-7.7	.24
6	2	79	23	-6.5	.59	.90	.8	13.	.3	28.	1.9	1.	1.8	34.	-7.7	.40
6	2	79	24	-6.6	.43	.90	1.3	1031.	.6	32.	2.1	1.	2.1	32.	-7.7	.16
7	2	79	1	-7.3	.48	.89	1.9	32.	.3	16.	1.7	1.	2.5	33.	-7.7	.24
7	2	79	2	-7.0	.69	.89	2.0	31.	.5	26.	2.1	1.	1.4	33.	-9.1	.40
7	2	79	3	-6.8	1.17	.89	1.6	29.	.6	28.	1.9	1.	1.8	34.	-7.7	-.00
7	2	79	4	-6.2	1.30	.90	1.7	28.	.4	24.	2.1	1.	1.1	32.	-7.7	.08
7	2	79	5	-6.0	2.01	.90	1.5	19.	.6	32.	1.1	1.	1.1	0.	-6.3	-.01
7	2	79	6	-4.8	1.41	.91	3.0	19.	.6	16.	1.1	17.	1.1	0.	-6.3	-.01
7	2	79	7	-2.9	.42	.91	3.7	19.	.6	26.	1.7	36.	2.1	31.	-4.9	.30
7	2	79	8	-2.6	.16	.88	3.2	20.	.5	6.	2.1	36.	3.2	22.	-3.5	.21
7	2	79	9	-1.9	.10	.84	3.1	21.	.7	14.	1.1	20.	1.8	22.	-2.1	.04
7	2	79	10	-1.2	-.04	.84	2.3	20.	2.1	16.	2.2	22.	2.8	23.	-.7	-.05
7	2	79	11	-.7	-.08	.83	3.0	19.	4.1	17.	2.8	16.	5.3	19.	0.0	-.13
7	2	79	12	-.2	-.19	.83	4.4	21.	4.9	17.	2.9	17.	3.9	19.	0.0	-.13
7	2	79	13	-.4	-.21	.86	4.6	20.	5.0	20.	2.5	17.	5.3	18.	.7	-.13
7	2	79	14	-.7	-.18	.86	4.7	19.	3.9	19.	3.5	17.	5.6	17.	0.0	-.13
7	2	79	15	-1.4	-.15	.87	5.1	20.	3.9	13.	3.5	18.	7.0	20.	-.7	-.13
7	2	79	16	-2.0	-.10	.87	5.0	18.	3.0	16.	2.6	16.	4.6	21.	-1.4	-.12
7	2	79	17	-2.2	-.08	.87	3.5	18.	2.9	16.	3.7	16.	3.5	20.	-1.4	-.12
7	2	79	18	-2.5	-.09	.90	3.0	18.	3.4	15.	3.1	16.	3.9	16.	-1.4	-.12
7	2	79	19	-2.5	-.06	.89	4.5	19.	3.1	16.	3.3	16.	3.9	17.	-2.1	-.12
7	2	79	20	-2.6	-.07	.89	2.4	18.	2.9	16.	2.6	16.	3.2	16.	-2.1	-.12
7	2	79	21	-3.0	-.09	.91	2.5	17.	3.8	14.	2.6	16.	3.9	16.	-2.1	-.12
7	2	79	22	-3.3	-.09	.91	2.6	16.	2.9	14.	2.9	16.	3.9	15.	-2.8	-.11
7	2	79	23	-3.4	-.09	.91	2.1	16.	2.3	14.	1.8	15.	2.5	15.	-2.8	-.11
7	2	79	24	-3.6	-.05	.92	1.5	14.	1.3	12.	1.3	14.	1.8	13	-2.8	-.19

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
8	2	79	1	-3.7	-.05	.93	1.2	10.	1.4	10.	1.3	6.	1.8	13.	-3.5	-.11
8	2	79	2	-3.8	-.04	.92	1.3	5.	.5	6.	2.8	2.	3.2	6.	-3.5	-.19
8	2	79	3	-4.0	-.02	.91	2.3	2.	1.3	2.	2.6	1.	2.8	3.	-2.8	-.19
8	2	79	4	-4.0	0.00	.90	2.6	1.	.8	3.	2.8	2.	3.2	34.	-3.5	-.11
8	2	79	5	-3.8	.01	.88	2.8	1.	.6	29.	1.7	2.	2.5	34.	-3.5	-.11
8	2	79	6	-3.4	.03	.84	3.1	1.	2.2	32.	2.2	2.	3.5	34.	-2.8	-.11
8	2	79	7	-2.8	.08	.80	3.3	1.	2.7	34.	3.3	1.	4.9	2.	-2.1	-.12
8	2	79	8	-3.2	.17	.77	3.3	35.	3.1	33.	3.9	36.	4.2	33.	-2.8	-.03
8	2	79	9	-2.6	.07	.69	3.7	34.	3.0	34.	3.9	36.	6.7	32.	-2.8	-.11
8	2	79	10	-1.1	-.18	.61	4.2	34.	3.7	34.	4.4	33.	5.6	33.	-2.1	-.04
8	2	79	11	.4	-.45	.56	3.2	33.	3.1	33.	2.9	32.	4.9	34.	-1.4	-.04
8	2	79	12	.3	-.43	.50	4.0	31.	1.9	29.	3.1	31.	6.3	33.	-.7	-.05
8	2	79	13	1.8	-.59	.43	3.6	32.	2.5	29.	3.5	31.	5.6	34.	0.0	-.05
8	2	79	14	2.9	-.47	.40	3.9	32.	1.6	26.	3.6	30.	2.8	33.	.7	-.05
8	2	79	15	3.0	-.38	.38	3.3	30.	3.7	30.	1.9	29.	4.2	31.	.7	-.13
8	2	79	16	1.8	-.14	.39	3.8	30.	3.4	29.	4.3	29.	6.0	31.	.7	-.05
8	2	79	17	-.1	.14	.45	4.6	31.	4.4	31.	4.4	28.	4.9	32.	0.0	-.05
8	2	79	18	-.9	.19	.49	4.6	31.	3.7	32.	2.8	29.	2.1	33.	-.7	.03
8	2	79	19	-1.1	.20	.49	5.1	30.	4.1	33.	2.3	24.	4.6	30.	-2.1	.04
8	2	79	20	-.9	.12	.50	4.5	30.	4.9	29.	3.6	25.	4.2	31.	-.7	-.05
8	2	79	21	-.9	.10	.51	6.0	30.	3.9	29.	2.9	26.	4.9	31.	-.7	-.05
8	2	79	22	-1.7	.18	.53	4.5	31.	6.1	29.	2.4	28.	4.6	32.	-1.4	-.04
8	2	79	23	-1.6	.19	.54	3.4	28.	1.9	28.	3.3	25.	2.8	24.	-.7	.03
8	2	79	24	-2.2	.21	.54	2.7	23.	.7	16.	2.6	25.	2.5	32.	-2.1	.12
9	2	79	1	-2.7	.20	.56	1.5	1024.	.8	32.	2.4	25.	2.5	33.	-4.9	.38
9	2	79	2	-2.2	.13	.59	1.4	26.	1.3	34.	3.1	25.	2.5	33.	-3.5	.13
9	2	79	3	-3.0	.18	.64	1.8	33.	1.1	28.	1.8	2.	3.2	32.	-3.5	.13
9	2	79	4	-4.6	.45	.73	2.0	36.	1.1	28.	2.5	1.	1.8	5.	-4.9	.06
9	2	79	5	-5.0	.67	.73	1.9	30.	.9	20.	1.5	1.	1.4	32.	-5.6	.14
9	2	79	6	-4.8	.70	.70	3.1	32.	1.1	16.	1.4	2.	2.8	31.	-6.3	.39
9	2	79	7	-5.9	1.13	.79	3.4	31.	.6	26.	1.3	1.	3.5	30.	-6.3	.63
9	2	79	8	-6.1	1.34	.73	4.0	30.	.7	30.	1.1	1.	2.8	31.	-7.7	.80
9	2	79	9	-4.8	.92	.64	4.6	30.	.4	29.	1.5	1.	2.5	32.	-7.0	1.83
9	2	79	10	-2.7	.10	.52	4.0	30.	1.1	24.	.5	2.	3.2	31.	-4.2	.78
9	2	79	11	-1.6	-.11	.49	4.2	30.	1.9	32.	1.4	20.	3.5	32.	-1.4	.28
9	2	79	12	-.5	-.32	.40	4.5	30.	5.6	31.	2.9	32.	3.2	33.	.7	-.13
9	2	79	13	1.0	-.35	.37	5.5	31.	6.2	31.	2.9	32.	7.4	35.	1.4	-.06
9	2	79	14	1.8	-.22	.36	7.4	31.	5.7	34.	3.7	31.	6.7	34.	.7	-.05
9	2	79	15	2.4	-.18	.36	6.7	31.	4.1	33.	3.4	31.	4.9	33.	.7	.03
9	2	79	16	2.1	-.08	.39	5.2	32.	5.2	32.	3.3	31.	5.3	31.	1.4	-.06
9	2	79	17	.5	.14	.46	5.3	31.	3.8	32.	3.3	31.	3.9	32.	0.0	-.05
9	2	79	18	-.5	.26	.51	4.1	32.	2.9	34.	4.0	31.	4.9	32.	-.7	.03
9	2	79	19	-.7	.21	.53	4.2	32.	3.3	33.	4.6	32.	5.3	32.	-1.4	-.04
9	2	79	20	-1.3	.30	.54	3.5	33.	2.9	34.	3.9	32.	3.5	32.	-1.4	-.04
9	2	79	21	-2.0	.25	.59	2.9	29.	1.5	33.	2.1	32.	2.5	30.	-2.1	-.04
9	2	79	22	-1.8	.27	.57	3.3	29.	1.9	26.	1.9	31.	1.1	19.	-2.8	.29
9	2	79	23	-1.9	.28	.56	4.1	32.	2.3	28.	2.3	2.	2.5	33.	-2.8	.13
9	2	79	24	-2.4	.46	.57	4.3	31.	1.6	29.	1.2	2.	3.2	33.	-3.5	.13
10	2	79	1	-2.8	.29	.60	4.4	31.	2.2	29.	1.1	3.	3.2	31.	-3.5	.05
10	2	79	2	-3.2	.54	.63	4.7	31.	2.0	29.	1.8	32.	3.2	32.	-4.9	.22
10	2	79	3	-4.1	.64	.66	4.0	31.	1.7	29.	1.6	32.	3.5	33.	-4.9	.30
10	2	79	4	-5.0	.79	.75	4.3	31.	1.3	28.	1.1	30.	3.2	33.	-6.3	.23
10	2	79	5	-4.6	.55	.71	3.6	31.	1.6	32.	1.5	33.	3.5	32.	-5.6	.22
10	2	79	6	-4.2	.42	.69	2.9	32.	1.2	28.	1.2	33.	1.8	32.	-6.3	.63
10	2	79	7	-4.3	.87	.72	3.2	32.	2.4	27.	1.3	29.	2.1	31.	-4.9	.30
10	2	79	8	-4.9	.69	.74	2.0	31.	1.2	31.	.8	2.	2.5	31.	-4.9	.06
10	2	79	9	-3.0	.59	.68	3.4	30.	.8	29.	.7	16.	1.8	32.	-2.1	-.12
10	2	79	10	.2	-.43	.62	1.9	32.	2.4	24.	1.1	32.	1.4	31.	0.0	-.37
10	2	79	11	1.4	-.61	.57	1.8	31.	3.6	24.	1.4	22.	1.8	32.	0.0	-.05
10	2	79	12	2.1	-.61	.52	3.2	31.	2.9	27.	2.1	26.	2.5	34.	2.8	-.47
10	2	79	13	2.7	-.43	.49	4.6	31.	3.1	28.	1.4	2.	5.3	34.	2.8	-.15
10	2	79	14	4.3	-.42	.47	4.4	32.	4.9	32.	3.2	28.	6.3	34.	2.1	-.06
10	2	79	15	4.7	-.40	.46	3.5	31.	5.7	34.	3.6	29.	2.5	33.	2.1	-.06
10	2	79	16	3.4	-.14	.46	3.9	31.	2.9	32.	2.8	28.	3.5	33.	2.1	.02
10	2	79	17	1.2	.17	.49	3.5	31.	1.8	29.	3.3	29.	3.5	31.	.7	.19
10	2	79	18	-.2	.27	.54	2.8	30.	1.1	29.	1.3	16.	1.1	14.	-.7	.19
10	2	79	19	-.9	.28	.57	2.6	29.	1.1	28.	.8	29.	2.8	31.	-2.1	.28
10	2	79	20	-2.1	.58	.62	3.5	31.	.8	24.	.9	4.	3.9	31.	-4.2	.78
10	2	79	21	-3.1	.88	.67	4.1	31.	.7	29.	1.1	26.	3.2	30.	-3.5	.45
10	2	79	22	-3.1	.89	.66	3.6	31.	.7	6.	.9	2.	3.2	34.	-4.9	.46
10	2	79	23	-3.3	.77	.67	4.1	32.	.5	16.	.8	2.	3.5	31.	-4.2	.14
10	2	79	24	-5.1	1.20	.77	3.5	31.	.6	32.	1.1	1.	3.2	32.	-4.9	.06

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
11	2	79	1	-6.3	1.37	.83	2.9	32.	.7	32.	2.3	1.	2.5	33.	-6.3	.23
11	2	79	2	-7.0	1.45	.86	3.3	32.	.5	29.	2.1	1.	2.5	32.	-7.0	.23
11	2	79	3	-7.8	1.58	.88	2.9	33.	.7	30.	2.6	1.	2.1	33.	-8.4	.64
11	2	79	4	-8.8	1.31	.89	3.0	33.	.7	31.	2.4	1.	3.2	32.	-8.4	.48
11	2	79	5	-9.4	1.07	.87	3.1	33.	.9	34.	2.7	1	2.8	33.	-9.1	.08
11	2	79	6	-10.1	1.05	.88	3.4	32.	1.1	32.	2.3	1.	3.2	31.	-9.8	.17
11	2	79	7	-10.6	.61	.87	2.9	32.	.9	33.	2.5	1.	2.5	33.	-10.5	.09
11	2	79	8	-10.9	.80	.86	2.9	32.	.8	32.	2.6	1	2.5	34.	-10.5	.09
11	2	79	9	-9.5	.94	.86	2.5	32.	.7	29.	2.4	1.	2.5	33.	-9.1	.08
11	2	79	10	-7.3	-.02	.82	2.3	32.	.9	29.	2.4	1.	2.5	32.	-7.7	.08
11	2	79	11	-5.5	-.04	.72	2.3	32.	1.1	29.	2.3	1.	1.8	0.	-7.0	-.01
11	2	79	12	-3.9	-.59	.63	1.5	33.	1.3	28.	2.4	1.	1.1	4.	-3.5	-.19
11	2	79	13	-1.8	-.68	.53	1.3	32.	1.4	27.	2.1	2.	1.1	5.	-2.1	-.28
11	2	79	14	1.1	-1.28	.47	.8	33.	1.3	27.	2.5	1.	.7	8.	-2.1	-.20
11	2	79	15	1.0	-.68	.46	.5	36.	1.4	28.	1.9	1.	1.1	7.	-3.5	.05
11	2	79	16	.0	-.55	.44	.4	14.	1.1	28	1.9	1.	1.1	18.	-4.2	.14
11	2	79	17	-4.1	.10	.55	.8	15.	1.5	28.	1.6	1.	1.8	33.	-4.9	.14
11	2	79	18	-5.9	.47	.71	.7	1029.	.7	32.	1.9	1.	2.1	34.	-7.0	.39
11	2	79	19	-7.0	1.15	.84	1.4	31.	.8	29.	2.5	1.	2.1	32.	-8.4	.40
11	2	79	20	-8.0	1.10	.80	2.4	33.	1.5	29.	2.1	1.	2.5	33.	-9.1	.48
11	2	79	21	-9.5	.67	.87	2.3	32.	1.2	32.	2.6	1.	2.8	33.	-9.8	.57
11	2	79	22	-10.1	.66	.86	2.5	32.	.8	30.	2.1	1.	2.5	32.	-10.5	.17
11	2	79	23	-10.9	.36	.88	2.6	32.	1.1	28.	2.4	1.	2.5	33.	-11.2	.25
11	2	79	24	-11.4	.69	.85	3.0	32.	1.3	29.	1.9	1.	3.2	32.	-11.2	.09
12	2	79	1	-12.4	.75	.87	1.9	32.	1.9	29.	2.1	1.	2.8	32.	-11.9	.18
12	2	79	2	-12.3	.39	.89	2.6	32.	1.6	30.	2.1	1.	4.2	31.	-13.3	.42
12	2	79	3	-13.1	.35	.86	2.4	32.	1.4	34.	2.8	1.	2.8	33.	-13.3	.02
12	2	79	4	-13.7	.38	.85	2.3	31.	1.3	28.	1.7	1.	2.5	32.	-13.3	.26
12	2	79	5	-14.5	.42	.84	2.0	32.	.8	32.	2.1	1.	2.5	33.	-14.7	.35
12	2	79	6	-14.5	.94	.84	1.9	31.	.9	34.	1.8	1.	2.5	34.	-14.7	.43
12	2	79	7	-15.3	.43	.83	2.0	32.	.7	30.	2.1	1.	2.5	32.	-16.1	.35
12	2	79	8	-15.1	.39	.82	2.2	32.	1.1	32.	2.1	1.	2.5	33.	-15.4	.27
12	2	79	9	-13.5	.06	.83	2.0	32.	.9	33.	2.1	1.	2.1	35.	-13.3	.02
12	2	79	10	-10.7	-.48	.84	1.1	34.	.9	30.	1.5	1.	1.8	32.	-11.9	.02
12	2	79	11	-9.8	-.32	.85	1.2	34.	1.1	29.	1.6	1.	1.4	38.	-10.5	.01
12	2	79	12	-8.3	-.01	.79	1.2	32.	.8	28.	1.6	1.	1.8	7.	-8.4	-.08
12	2	79	13	-4.2	-.93	.57	.7	34.	.9	27.	2.2	2.	1.4	13.	-6.3	-.17
12	2	79	14	-1.8	-1.10	.47	.5	1022.	.8	25.	1.1	1.	1.1	17.	-6.3	-.09
12	2	79	15	-1.6	-1.23	.52	.6	34.	.8	29.	1.8	1	1.1	20.	-6.3	-.01
12	2	79	16	-3.7	-.55	.52	.9	29.	1.1	32.	1.7	1.	1.1	15.	-7.0	.23
12	2	79	17	-7.7	.44	.64	1.2	34.	.7	32.	2.5	1.	2.1	34.	-7.7	.08
12	2	79	18	-8.5	.66	.68	1.5	35.	.9	32.	2.8	1.	1.8	33.	-9.1	.16
12	2	79	19	-8.9	.74	.71	3.3	34.	1.0	31.	2.6	1.	2.1	33.	-10.5	.41
12	2	79	20	-10.3	.71	.76	2.6	33.	1.4	29.	2.1	1.	2.5	34.	-10.5	.17
12	2	79	21	-10.7	.55	.77	3.3	32.	1.1	34.	2.4	1.	2.5	32.	-10.5	.12
12	2	79	22	-11.5	.65	.79	3.0	32.	1.1	32.	2.8	1.	2.5	34.	-11.2	.17
12	2	79	23	-11.5	.96	.82	3.9	32.	1.4	34.	2.6	1.	2.5	34.	-11.9	.10
12	2	79	24	-11.5	.61	.79	4.0	32.	1.1	34.	2.8	1.	2.5	35.	-11.9	.10
13	2	79	1	-11.3	.70	.78	4.4	33.	1.3	34.	2.7	1.	2.5	34.	-11.2	.01
13	2	79	2	-11.0	1.72	.81	3.7	33.	1.6	29.	2.1	1.	2.8	34.	-11.2	.01
13	2	79	3	-10.1	2.46	.83	3.9	34.	1.6	29.	1.4	2.	3.9	32.	-10.5	.17
13	2	79	4	-6.6	3.18	.78	4.1	1.	1.1	29.	1.6	1.	3.2	31.	-6.3	.07
13	2	79	5	-3.5	99.00	.71	3.7	2.	2.1	29.	2.3	2.	99.0	99.	-4.9	-.02
13	2	79	6	-2.6	99.00	.69	2.8	5.	4.8	6.	4.8	2.	99.0	99.	-3.5	-.03
13	2	79	7	-2.7	99.00	.68	3.2	4.	5.9	7.	4.6	1.	99.0	99.	-2.1	-.12
13	2	79	8	-3.3	99.00	.69	3.3	3.	5.1	8.	4.8	2.	99.0	99.	-2.1	-.20
13	2	79	9	-3.2	99.00	.70	3.0	3.	4.7	6.	4.9	2.	99.0	99.	-2.1	-.20
13	2	79	10	-2.9	99.00	.68	3.5	5.	5.6	7.	7.2	4	99.0	99.	-3.5	-.27
13	2	79	11	-4.1	-.20	.67	5.1	5.	2.6	8.	7.6	3.	99.0	99.	-3.5	-.27
13	2	79	12	-4.6	-.25	.67	4.8	7.	2.6	8.	7.1	3.	99.0	99.	-4.2	-.26
13	2	79	13	-4.8	-.22	.68	4.7	6.	3.4	9.	6.9	6.	99.0	99.	-4.9	-.26
13	2	79	14	-5.8	-.16	.72	4.1	6.	4.4	8.	6.6	3.	99.0	99.	-4.9	-.26
13	2	79	15	-6.2	-.17	.72	3.2	5.	3.4	11.	6.4	2.	99.0	99.	-5.6	-.26
13	2	79	16	-6.6	-.18	.63	4.2	6.	3.6	11.	4.8	6.	99.0	99.	-5.6	-.26
13	2	79	17	-8.2	-.02	.62	4.1	6.	2.8	12.	4.9	4.	99.0	99.	-7.0	-.17
13	2	79	18	-9.4	.08	.63	3.4	7.	2.5	12.	4.8	4.	99.0	99.	-7.7	-.16
13	2	79	19	-9.9	.03	.62	4.2	7.	2.6	8.	4.9	6.	99.0	99.	-8.4	-.16
13	2	79	20	-10.7	.05	.62	3.3	6.	3.1	8.	3.9	3.	99.0	99.	-9.1	-.16
13	2	79	21	-11.1	.06	.61	3.3	4.	4.1	7.	3.6	3.	99.0	99.	-9.1	-.16
13	2	79	22	-12.1	.11	.62	1.8	5.	2.9	4.	3.3	2.	99.0	99.	-9.8	-.15
13	2	79	23	-12.7	.12	.64	2.5	3.	2.8	6.	4.3	1.	99.0	99.	-10.5	-.15
13	2	79	24	-12.8	.09	.67	3.5	4.	4.6	6.	6.4	1.	99.0	99.	-10.5	-.15

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
14	2	79	1	-13.1	-.01	.75	3.6	4.	3.6	8.	5.6	1.	99.0	99.	-11.2	-.15
14	2	79	2	-13.5	-.01	.72	3.6	5.	3.3	6.	6.4	1.	99.0	99.	-11.9	-.14
14	2	79	3	-14.1	-.01	.67	4.8	4.	2.6	6.	6.2	2.	99.0	99.	-11.9	-.14
14	2	79	4	-15.0	.03	.66	4.3	3.	2.8	6.	6.4	1.	99.0	99.	-12.6	-.14
14	2	79	5	-15.6	.02	.66	3.2	3.	2.9	6.	6.2	2.	99.0	99.	-13.3	-.14
14	2	79	6	-16.2	.06	.65	3.5	2.	3.1	6.	7.2	2.	99.0	99.	-13.3	-.14
14	2	79	7	-16.4	.05	.63	3.8	2.	2.8	6.	7.4	1.	99.0	99.	-14.0	-.13
14	2	79	8	-16.3	.02	.61	5.3	2.	3.4	2.	8.2	1.	99.0	99.	-13.3	-.14
14	2	79	9	-15.5	-.02	.58	4.4	2.	3.3	3.	9.2	1.	9.8	4.	-13.3	-.22
14	2	79	10	-14.1	-.12	.56	5.1	3.	3.4	4.	8.2	1.	10.2	4.	-12.6	-.22
14	2	79	11	-13.1	-.23	.52	6.7	3.	4.9	6.	9.1	1.	10.5	4.	-11.9	-.30
14	2	79	12	-12.4	-.24	.49	6.3	4.	5.2	6.	8.9	1.	10.5	4.	-11.2	-.23
14	2	79	13	-11.5	-.30	.45	6.5	3.	8.4	6.	9.2	1.	10.2	4.	-10.5	-.23
14	2	79	14	-10.6	-.29	.40	6.5	4.	5.7	6.	9.4	1.	9.8	3.	-9.8	-.15
14	2	79	15	-10.2	-.27	.40	5.2	3.	3.9	2.	8.2	1.	10.2	4.	-9.8	-.15
14	2	79	16	-10.7	-.14	.41	4.4	3.	4.1	2.	8.2	1.	7.7	4.	-9.8	-.15
14	2	79	17	-11.9	.03	.42	4.4	2.	4.0	2.	5.4	1.	5.3	2.	-9.8	-.15
14	2	79	18	-13.0	.12	.45	4.3	36.	4.4	34.	4.2	1.	6.0	2.	-10.5	-.15
14	2	79	19	-13.2	.14	.45	4.2	1.	4.4	32.	3.4	1.	6.3	1.	-10.5	-.07
14	2	79	20	-13.0	.21	.45	4.4	36.	3.2	32	2.8	2.	6.3	3.	-9.8	-.07
14	2	79	21	-12.5	.15	.44	4.7	1.	2.8	33.	2.8	2.	5.6	3.	-9.8	-.15
14	2	79	22	-12.4	.14	.44	5.1	1.	3.4	32.	2.7	2.	5.6	3.	-9.8	-.15
14	2	79	23	-12.8	.25	.46	3.9	1.	2.4	32.	3.6	1.	6.0	3.	-9.8	-.15
14	2	79	24	-13.0	.24	.47	3.0	2.	2.5	34.	4.9	1.	6.7	4.	-9.8	-.15
15	2	79	1	-12.8	.20	.48	3.4	3.	3.2	34.	5.2	1.	6.0	4.	-10.5	-.15
15	2	79	2	-12.8	.15	.48	4.2	2.	3.3	35.	4.8	2.	4.9	3.	-10.5	-.15
15	2	79	3	-12.9	.08	.48	3.9	2.	2.3	35.	4.7	2.	3.2	32.	-12.6	.02
15	2	79	4	-13.0	.09	.49	4.3	2.	1.1	28.	5.4	2.	3.9	31.	-13.3	.10
15	2	79	5	-13.4	.13	.50	3.3	36.	1.2	33.	3.4	2.	3.2	32.	-13.3	.02
15	2	79	6	-14.1	.24	.51	2.4	35.	1.1	28.	2.1	2.	2.8	33.	-14.7	.19
15	2	79	7	-14.3	.26	.52	2.6	35.	1.1	28.	1.5	1.	2.5	32.	-14.0	.27
15	2	79	8	-13.8	.33	.52	2.0	36.	1.4	31.	1.4	2.	3.2	31.	-14.7	.19
15	2	79	9	-11.1	.09	.55	1.9	36.	.8	28.	1.8	1.	3.5	31.	-13.3	.02
15	2	79	10	-9.8	.13	.60	2.5	1.	1.3	28.	1.4	2.	1.8	32.	-11.9	.10
15	2	79	11	-8.7	-.29	.50	3.4	3.	1.4	27.	2.1	1	1.8	5.	-8.4	.00
15	2	79	12	-8.1	-.36	.49	4.1	4.	3.1	27.	2.8	2.	2.5	7.	-6.3	-.33
15	2	79	13	-6.9	-.37	.47	3.8	3.	1.6	27.	4.5	2.	3.5	4.	-6.3	-.25
15	2	79	14	-5.6	-.46	.48	3.4	4.	.9	27.	4.5	3.	3.2	8.	-5.6	-.26
15	2	79	15	-5.4	-.38	.49	1.8	6.	1.1	26.	3.4	3.	2.5	10.	-5.6	-.18
15	2	79	16	-6.0	-.27	.50	2.3	8.	1.1	26.	1.7	6.	2.5	12.	-5.6	-.10
15	2	79	17	-7.5	.03	.53	2.2	6.	1.1	6.	2.4	6.	3.5	13.	-6.3	-.01
15	2	79	18	-8.7	.24	.54	3.2	9.	.6	22.	1.6	3.	2.5	14.	-7.7	-.00
15	2	79	19	-9.1	.25	.55	2.4	6.	.6	17.	2.9	4.	1.1	13.	-9.1	.16
15	2	79	20	-10.3	.35	.59	1.7	4.	.5	2.	2.1	6.	1.4	3.	-11.2	.65
15	2	79	21	-10.9	.33	.63	1.0	6.	.6	6.	.8	6.	1.1	0.	-12.6	.50
15	2	79	22	-11.2	.44	.66	1.8	6.	.8	6.	1.1	2	1.4	33.	-14.0	.51
15	2	79	23	-11.0	.32	.63	2.0	5.	.7	28.	1.9	2.	2.5	32.	-14.0	.67
15	2	79	24	-12.6	.73	.70	1.6	3.	.6	30.	3.0	1.	2.5	34.	-16.1	.75
16	2	79	1	-14.4	1.16	.83	1.6	2.	1.2	29.	2.3	1.	1.8	33.	-16.1	.67
16	2	79	2	-15.4	1.77	.86	1.4	36.	1.1	29.	1.9	1.	2.8	32.	-17.5	.60
16	2	79	3	-16.2	1.97	.85	2.2	35.	.8	29.	2.1	1.	2.8	33.	-18.2	.68
16	2	79	4	-16.7	1.57	.84	2.1	33.	.7	32.	1.8	1.	2.8	33.	-18.9	.69
16	2	79	5	-17.3	.68	.83	2.4	31.	.9	32.	1.7	1.	2.5	33.	-18.9	.77
16	2	79	6	-18.0	1.23	.82	2.2	36.	.7	30.	1.2	1.	2.5	32.	-20.3	.85
16	2	79	7	-18.0	1.48	.82	2.0	34.	.9	30.	1.1	1.	3.2	33.	-19.6	.61
16	2	79	8	-17.9	1.10	.81	3.1	34.	.9	32.	1.3	1.	3.2	33.	-20.3	.93
16	2	79	9	-14.9	.63	.83	2.3	33.	1.9	28.	1.1	1.	2.1	32.	-17.5	.52
16	2	79	10	-12.1	.25	.85	1.8	33.	1.5	28.	.7	1.	2.5	32.	-15.4	.51
16	2	79	11	-9.8	.09	.83	2.2	33.	1.1	30.	1.1	1.	1.8	35.	-13.3	.10
16	2	79	12	-8.7	-.41	.74	1.1	33.	.8	28.	1.5	1.	1.1	3.	-8.4	-.16
16	2	79	13	-6.7	-.11	.63	1.3	1.	.6	29.	2.5	1.	1.1	33.	-5.6	-.02
16	2	79	14	-4.0	-.24	.47	1.9	2.	1.1	28.	2.8	1.	1.4	3.	-4.9	-.10
16	2	79	15	-4.3	-.36	.30	2.9	4.	1.1	27.	3.5	1.	1.8	3.	-4.9	-.10
16	2	79	16	-4.6	-.26	.28	2.4	2.	1.3	26.	3.7	2.	3.5	3.	-4.9	-.10
16	2	79	17	-6.8	.08	.28	3.0	2.	1.1	26.	5.6	2.	2.8	4.	-5.6	-.10
16	2	79	18	-8.3	.19	.29	2.8	3.	1.1	24.	5.4	1.	3.2	3.	-6.3	-.01
16	2	79	19	-8.9	.28	.33	3.1	2.	1.1	24.	5.4	1.	2.1	32.	-9.1	.24
16	2	79	20	-9.5	.32	.36	2.4	1.	.6	26.	3.9	2.	2.5	32.	-11.2	.33
16	2	79	21	-9.7	.37	.42	2.8	36.	.5	27.	1.4	2	3.9	31.	-11.2	.33
16	2	79	22	-10.2	.49	.47	2.9	1.	.8	28.	1.6	2.	2.8	31.	-11.9	.26
16	2	79	23	-10.8	.48	.51	3.0	2.	2.1	26.	.7	1.	3.5	31.	-13.3	.18
16	2	79	24	-9.9	.29	.52	3.9	2.	2.4	28.	1.9	1.	3.5	31.	-12.6	.10

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
17	2	79	1	-10.0	.24	.54	4.1	1.	1.6	28.	2.1	36.	3.9	31.	-13.3	.10
17	2	79	2	-13.4	1.51	.70	3.8	1.	.9	28	2.9	36.	3.5	31.	-13.3	.18
17	2	79	3	-13.3	1.12	.74	2.8	1.	2.8	27.	1.2	28.	4.2	31.	-13.3	.18
17	2	79	4	-11.5	.68	.67	3.5	2.	3.4	28.	.9	28.	4.2	31.	-13.3	.18
17	2	79	5	-11.0	.50	.63	3.9	2.	2.6	27.	1.1	25.	4.6	31.	-14.7	.27
17	2	79	6	-13.3	1.48	.73	3.5	1.	3.4	26.	1.4	25.	3.9	31.	-14.0	.43
17	2	79	7	-9.8	.24	.63	4.2	2.	3.2	27.	.7	24.	3.9	31.	-14.7	.67
17	2	79	8	-9.1	.12	.64	4.6	2.	1.8	26.	1.2	6.	3.5	31.	-13.3	.42
17	2	79	9	-8.1	.04	.63	4.1	1.	2.1	27.	1.9	5.	3.2	31.	-11.2	.41
17	2	79	10	-6.2	-.18	.62	3.7	36.	1.6	26.	5.9	2.	2.5	32.	-7.7	-.00
17	2	79	11	-3.9	-.30	.60	2.2	2.	2.1	38.	6.2	2.	5.6	4.	-6.3	-.09
17	2	79	12	-4.0	-.26	.58	3.6	5.	4.1	7.	6.9	2.	7.4	4.	-4.2	-.26
17	2	79	13	-3.2	-.32	.55	4.2	4.	3.6	6.	7.4	1.	7.4	3.	-3.5	-.19
17	2	79	14	-2.5	-.29	.52	4.1	4.	4.0	6.	7.9	1.	7.0	3.	-3.5	-.11
17	2	79	15	-2.6	-.23	.50	4.4	5.	3.6	7.	6.2	1.	5.6	4.	-2.8	-.11
17	2	79	16	-3.1	-.18	.51	4.1	5.	3.1	7.	5.6	2.	4.9	7.	-2.8	-.11
17	2	79	17	-4.1	.00	.53	4.6	3.	2.8	8.	5.4	1.	5.3	3.	-3.5	-.11
17	2	79	18	-4.6	.07	.54	4.1	3.	3.1	8.	5.4	1.	5.3	3.	-4.2	-.10
17	2	79	19	-4.9	.07	.54	4.1	5.	3.4	8.	5.3	1.	4.6	4.	-4.2	-.10
17	2	79	20	-5.0	.07	.54	3.9	5.	3.3	6.	5.6	1.	5.3	3.	-4.2	-.10
17	2	79	21	-5.2	.07	.55	4.6	3.	3.8	5.	6.6	1.	6.7	3.	-4.2	-.10
17	2	79	22	-5.3	.06	.56	4.6	3.	5.4	4.	8.2	1.	6.7	3.	-4.2	-.10
17	2	79	23	-5.9	.05	.58	5.1	2.	5.6	2.	10.7	1.	7.7	4.	-4.9	-.10
17	2	79	24	-6.3	.05	.59	5.4	3.	4.1	2.	10.1	1.	7.4	3.	-4.9	-.10
18	2	79	1	-6.6	.06	.61	5.0	2.	4.8	3.	9.9	2.	7.0	3.	-4.9	-.10
18	2	79	2	-6.7	.06	.62	4.9	2.	4.3	2.	10.7	1.	7.7	3.	-4.9	-.10
18	2	79	3	-6.7	.04	.62	5.4	2.	4.1	2.	10.9	1.	8.4	3.	-4.9	-.10
18	2	79	4	-6.8	.05	.62	4.8	2.	3.9	3.	10.4	1.	6.7	3.	-4.9	-.10
18	2	79	5	-6.9	.03	.63	5.7	1.	4.1	2.	9.3	1.	6.7	3.	-4.9	-.10
18	2	79	6	-7.0	.05	.64	5.5	1.	4.2	3.	8.9	1.	8.4	4.	-4.9	-.10
18	2	79	7	-6.7	.04	.63	5.5	2.	3.4	2.	11.4	1.	6.7	3.	-4.9	-.10
18	2	79	8	-5.9	-.02	.61	5.0	2.	4.1	2.	8.6	2.	5.3	3.	-4.9	-.18
18	2	79	9	-5.9	-.06	.61	5.1	1.	3.8	3.	10.6	1.	7.7	4.	-4.9	-.18
18	2	79	10	-5.4	-.08	.59	4.9	3.	3.6	3.	10.6	2.	5.6	3.	-4.2	-.18
18	2	79	11	-4.4	-.16	.56	4.2	3.	3.1	2.	8.6	2.	5.3	3.	-3.5	-.19
18	2	79	12	-3.7	-.19	.53	4.3	2.	3.5	2.	9.4	2.	4.6	3.	-2.8	-.19
18	2	79	13	-3.1	-.20	.51	3.9	1.	4.1	2.	8.3	1.	9.1	4.	-2.8	-.19
18	2	79	14	-2.6	-.18	.48	3.6	1.	3.6	2.	7.2	2.	7.4	5.	-2.1	-.20
18	2	79	15	-2.7	-.11	.48	3.5	2.	3.7	4.	6.0	2.	7.0	5.	-2.1	-.12
18	2	79	16	-2.8	-.05	.49	5.1	5.	4.1	8.	8.9	2.	5.6	5.	-2.1	-.12
18	2	79	17	-3.0	-.05	.57	3.0	5.	3.4	7.	5.4	2.	5.6	6.	-2.1	-.12
18	2	79	18	-3.5	-.05	.66	4.5	5.	4.7	7.	8.2	3.	8.1	7.	-2.1	-.12
18	2	79	19	-3.5	-.04	.67	4.7	4.	4.3	7.	8.6	2.	8.1	5	-2.8	-.11
18	2	79	20	-3.4	-.02	.64	5.0	5.	4.3	7.	7.9	2.	8.4	5.	-2.8	-.11
18	2	79	21	-3.8	-.05	.70	4.9	5.	4.9	7.	8.1	2.	8.4	4.	-2.8	-.19
18	2	79	22	-4.4	-.04	.82	4.9	4.	5.4	7.	7.9	2.	8.8	4.	-3.5	-.19
18	2	79	23	-4.7	-.05	.85	5.3	4.	5.6	7.	7.9	2.	8.4	4.	-3.5	-.19
18	2	79	24	-4.8	-.05	.86	5.4	3.	4.8	7.	7.9	2.	8.1	4.	-3.5	-.19
19	2	79	1	-4.8	-.05	.88	4.6	4.	3.9	6.	6.2	2.	7.0	4.	-3.5	-.19
19	2	79	2	-4.5	-.04	.88	4.9	4.	4.9	7.	9.4	2.	7.4	4.	-3.5	-.19
19	2	79	3	-4.3	-.05	.87	4.1	3.	3.4	7.	9.4	2.	7.4	4.	-3.5	-.19
19	2	79	4	-4.3	-.05	.87	4.1	3.	3.4	7.	5.9	2.	6.3	4.	-3.5	-.19
19	2	79	5	-4.1	-.05	.87	4.2	3.	3.8	6.	5.8	2.	7.0	4.	-3.5	-.19
19	2	79	6	-4.0	-.05	.88	4.3	4.	4.1	6.	6.2	2.	7.4	4.	-2.8	-.19
19	2	79	7	-3.9	-.05	.88	4.0	4.	4.1	6.	5.6	2.	6.0	4.	-2.8	-.19
19	2	79	8	-3.8	-.04	.88	3.7	4.	3.5	6.	5.3	2.	6.3	4.	-2.8	-.19
19	2	79	9	-3.7	-.06	.88	3.5	3.	2.6	7.	5.9	2.	6.0	4.	-2.8	-.19
19	2	79	10	-3.5	-.12	.89	3.2	4.	2.3	6.	4.4	2.	6.3	4.	-2.8	-.19
19	2	79	11	-3.2	-.16	.89	3.4	3.	1.7	4.	4.6	2.	5.6	4.	-2.8	-.19
19	2	79	12	-2.6	-.21	.87	3.5	3.	1.7	6.	4.9	2.	6.0	3.	-2.1	-.20
19	2	79	13	-2.2	-.23	.83	3.2	3.	1.6	6.	4.4	2.	5.3	4.	-2.1	-.20
19	2	79	14	-2.0	-.18	.81	2.7	2.	2.1	6.	5.1	1.	4.9	4.	-2.1	-.20
19	2	79	15	-2.3	-.15	.81	3.2	4.	2.2	8.	4.4	2.	5.3	3.	-2.1	-.20
19	2	79	16	-2.5	-.12	.82	2.3	3.	2.7	11.	4.2	2.	4.6	4.	-2.1	-.20
19	2	79	17	-2.8	-.07	.82	2.7	3.	1.3	8.	4.3	2.	3.9	5.	-2.1	-.20
19	2	79	18	-2.9	-.05	.82	2.1	1.	1.5	6.	5.2	1.	4.6	5.	-2.1	-.12
19	2	79	19	-3.1	-.05	.82	2.4	2.	1.4	6.	5.2	1.	5.3	4.	-2.1	-.12
19	2	79	20	-3.1	-.05	.82	3.0	3.	1.1	6.	4.6	1.	5.6	4.	-2.1	-.12
19	2	79	21	-3.1	-.03	.82	2.5	4.	1.4	2.	5.4	1.	4.6	4.	-2.1	-.12
19	2	79	22	-3.2	-.04	.82	1.6	2.	1.1	2.	4.1	1.	3.5	3.	-2.1	-.12
19	2	79	23	-3.2	-.05	.82	2.0	36.	1.1	3.	3.6	1.	2.8	3.	-2.1	-.12
19	2	79	24	-3.1	-.04	.82	1.7	1.	1.4	3.	2.1	1.	2.1	2.	-2.1	-.04

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
20	2	79	1	-3.0	-.04	.81	2.1	36.	.8	31.	1.8	2.	2.5	38.	-2.8	-.11
20	2	79	2	-2.9	-.05	.80	2.1	1.	1.1	29.	1.6	2.	2.1	33.	-2.8	-.11
20	2	79	3	-2.9	-.03	.80	1.7	35.	1.1	28.	1.7	2.	2.8	33.	-2.8	-.11
20	2	79	4	-2.9	-.00	.80	1.0	1.	.9	27.	1.1	4.	2.5	33.	-2.8	-.11
20	2	79	5	-2.8	-.02	.80	1.3	2.	.9	21.	.8	2.	2.1	33.	-2.8	-.11
20	2	79	6	-2.9	-.03	.80	1.1	3.	1.1	28.	.8	2.	1.4	33.	-2.8	-.11
20	2	79	7	-2.9	-.02	.80	1.2	1.	1.4	33.	1.8	2.	1.4	0.	-2.8	-.03
20	2	79	8	-2.9	-.03	.80	1.5	34.	.7	29.	1.9	2.	2.5	33.	-2.8	-.03
20	2	79	9	-2.7	-.06	.80	1.5	35.	.9	28.	2.1	2.	2.5	33.	-2.8	-.11
20	2	79	10	-2.2	-.11	.79	1.0	36.	.8	28.	1.5	2.	2.5	33.	-2.1	-.12
20	2	79	11	-1.5	-.18	.77	.7	4.	1.2	27.	1.1	1.	1.8	34.	-1.4	-.04
20	2	79	12	-.8	-.21	.78	.9	2.	1.2	28.	.8	1.	1.1	33.	-.7	-.05
20	2	79	13	-.6	-.30	.78	.7	29.	1.4	28.	.9	2.	1.1	13.	-.7	-.21
20	2	79	14	-.1	-.15	.77	.6	27.	1.1	29.	.6	2.	1.1	34.	0.0	-.21
20	2	79	15	-.6	-.20	.79	1.0	29.	1.1	29.	.8	2.	1.1	0.	0.0	-.21
20	2	79	16	-.9	-.19	.79	1.0	30.	.7	28.	.9	2.	1.1	33.	-.7	-.13
20	2	79	17	-1.3	-.11	.80	.4	32.	.6	28.	1.2	3.	1.1	35.	-.7	-.13
20	2	79	18	-1.7	-.00	.82	1.0	11.	1.1	12.	1.1	6.	1.1	3.	-.7	-.13
20	2	79	19	-2.0	-.05	.88	1.4	12.	2.8	12.	1.6	12.	2.1	13.	-.7	-.13
20	2	79	20	-2.3	-.02	.88	.8	11.	2.3	12.	1.1	10.	2.8	15.	-1.4	-.12
20	2	79	21	-2.3	0.00	.86	1.3	9.	1.3	11.	1.3	4.	2.1	14.	-1.4	-.12
20	2	79	22	-2.4	.01	.86	.6	10.	.5	20.	.9	6.	1.8	11.	-1.4	-.12
20	2	79	23	-2.6	.06	.87	.5	5.	.5	28.	1.4	2.	1.1	11.	-2.1	-.12
20	2	79	24	-2.6	.02	.87	.7	1.	1.1	29.	1.4	1.	1.4	33.	-2.1	-.12
21	2	79	1	-2.6	.05	.87	.7	34.	.6	32.	1.7	2.	1.8	33.	-2.1	-.12
21	2	79	2	-2.7	.03	.88	.3	1032.	.9	28.	1.1	4.	1.8	33.	-2.1	-.12
21	2	79	3	-2.7	-.00	.88	.2	5.	.7	28.	.7	6.	1.4	34.	-2.1	-.04
21	2	79	4	-2.8	.04	.88	.1	1007.	.6	12.	.8	4.	1.1	34.	-2.1	-.04
21	2	79	5	-3.1	.08	.89	.6	15.	.9	12.	1.1	14.	1.1	33.	-2.8	-.03
21	2	79	6	-3.5	.21	.91	1.5	12.	.8	12.	1.6	14.	1.1	6.	-2.8	-.11
21	2	79	7	-3.2	.09	.91	1.2	12.	.7	24	1.4	14.	1.4	13.	-3.5	-.03
21	2	79	8	-3.0	.04	.90	.8	13.	.7	6.	.8	14.	1.1	33.	-3.5	.21
21	2	79	9	-2.6	-.10	.88	.7	7.	.4	12.	.7	6.	1.8	34.	-3.5	.05
21	2	79	10	-2.6	-.12	.88	1.0	9.	1.7	12.	1.5	8.	1.1	33.	-2.8	.05
21	2	79	11	-2.5	-.17	.87	1.2	9.	.8	16.	1.5	7.	2.1	38.	-2.1	-.12
21	2	79	12	-2.1	-.19	.85	.8	2014.	.9	20.	1.5	8.	2.5	12.	-2.1	-.12
21	2	79	13	-1.7	-.25	.86	.8	27.	.8	6.	1.4	2.	1.8	19.	-2.1	-.12
21	2	79	14	-1.8	-.27	.84	.8	29.	.9	10.	1.7	3.	1.8	34.	-2.1	-.12
21	2	79	15	-2.2	-.12	.85	.7	1025.	1.3	12.	1.1	2.	1.4	34.	-2.1	-.12
21	2	79	16	-2.5	-.05	.86	.4	1005.	2.1	10.	1.7	3.	1.4	34.	-2.1	-.12
21	2	79	17	-2.8	-.08	.87	.7	1036.	2.1	11.	1.3	10.	1.8	35.	-2.1	-.12
21	2	79	18	-3.0	-.05	.88	.7	7.	.9	9.	1.8	12.	1.1	33.	-2.1	-.12
21	2	79	19	-3.2	-.01	.89	.6	6.	.7	8.	1.6	13.	1.8	19.	-2.1	-.12
21	2	79	20	-3.1	-.03	.91	.9	16.	.7	6.	1.6	12.	2.5	18.	-2.1	-.12
21	2	79	21	-3.1	-.07	.93	1.3	19.	1.4	34.	1.4	14.	2.1	19.	-2.1	-.12
21	2	79	22	-3.3	-.05	.95	1.1	16.	.6	33.	1.9	13.	2.1	15.	-2.8	-.11
21	2	79	23	-3.4	-.05	.95	.9	19.	.9	33.	1.1	12.	1.8	20.	-2.8	-.11
21	2	79	24	-3.5	-.04	.95	.7	19.	1.3	33.	1.4	16.	2.1	19.	-2.8	-.11
22	2	79	1	-3.7	0.00	.94	.9	19.	1.1	31.	1.9	15.	1.8	19.	-3.5	-.11
22	2	79	2	-3.9	-.00	.93	1.2	15.	.7	32.	1.9	13.	1.8	21.	-3.5	-.11
22	2	79	3	-4.1	-.01	.93	1.9	11.	.9	28.	2.4	12.	2.8	18.	-3.5	-.11
22	2	79	4	-4.2	-.03	.92	1.4	14.	1.1	26.	2.3	12.	3.2	16.	-3.5	-.11
22	2	79	5	-4.5	-.03	.91	1.5	12.	2.0	20.	2.4	13.	2.8	17.	-4.2	-.10
22	2	79	6	-4.6	-.03	.91	1.4	13.	2.1	18.	2.4	13.	2.8	17.	-4.2	-.10
22	2	79	7	-4.6	-.03	.91	.7	15.	1.7	19.	2.5	14.	2.5	18.	-4.2	-.10
22	2	79	8	-4.7	-.05	.91	.9	13.	1.6	28.	1.9	14.	2.5	18.	-4.2	-.10
22	2	79	9	-4.6	-.04	.91	.6	12.	1.5	28.	2.1	13.	2.5	18.	-4.2	-.10
22	2	79	10	-4.3	-.09	.91	.6	19.	1.2	28.	1.8	24.	2.1	22.	-4.2	-.10
22	2	79	11	-4.3	-.06	.91	.5	13.	1.4	28.	2.3	20.	1.8	22.	-4.2	-.10
22	2	79	12	-4.4	-.06	.91	.9	13.	1.6	29.	2.3	26.	1.8	23.	-4.2	-.10
22	2	79	13	-4.6	-.05	.91	1.1	12.	1.3	28.	1.8	20.	1.4	20.	-3.5	-.11
22	2	79	14	-4.5	-.08	.91	1.3	13.	1.4	22.	2.4	14.	2.1	19.	-3.5	-.11
22	2	79	15	-4.6	-.08	.90	1.8	12.	1.9	18.	2.5	12.	3.2	17.	-3.5	-.11
22	2	79	16	-4.5	-.05	.90	1.1	13.	2.1	12.	1.6	13.	3.2	14.	-3.5	-.11
22	2	79	17	-4.8	-.05	.90	2.1	12.	2.8	12.	2.3	14.	2.8	16.	-3.5	-.11
22	2	79	18	-5.0	.04	.90	.9	12.	2.1	10.	1.9	13.	3.9	15.	-4.2	-.10
22	2	79	19	-5.0	-.00	.90	1.6	11.	.6	8.	1.3	14.	2.8	13.	-4.2	-.10
22	2	79	20	-5.1	-.02	.90	.9	9.	.6	10.	1.1	12.	2.5	15.	-4.2	-.10
22	2	79	21	-5.2	.06	.90	.2	18.	.8	10.	1.1	8.	1.4	21.	-4.2	-.10
22	2	79	22	-5.2	.08	.90	.5	11.	.6	10.	1.3	11.	1.4	22.	-4.2	-.10
22	2	79	23	-5.2	.10	.90	.4	11.	.9	11.	1.1	12.	1.4	20.	-4.2	-.10
22	2	79	24	-5.2	-.05	.90	.7	8.	.8	12.	1.1	6.	1.4	17.	-4.2	-.10

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
23	2	79	1	-5.3	-.02	.90	.7	8.	.3	29.	.9	10	1.4	19.	-4.2	-.10
23	2	79	2	-5.0	-.07	.90	.9	1027.	1.1	34	1.9	2.	1.4	17.	-4.2	-.10
23	2	79	3	-4.8	-.03	.90	1.3	32.	1.4	33.	2.8	1.	1.8	34.	-4.2	-.10
23	2	79	4	-4.8	-.00	.88	2.0	34.	1.3	31.	2.7	1.	2.5	33.	-4.2	-.10
23	2	79	5	-4.7	.02	.88	1.9	33.	1.1	29.	1.8	1.	2.8	33.	-4.2	-.10
23	2	79	6	-4.8	-.00	.87	1.7	33.	1.6	30.	1.7	3.	2.1	34.	-4.2	-.10
23	2	79	7	-4.8	-.02	.82	1.5	31.	1.6	29.	1.8	36.	2.5	34.	-4.2	-.10
23	2	79	8	-4.8	-.06	.77	2.5	32.	1.6	32.	3.0	29.	3.2	31.	-4.2	-.10
23	2	79	9	-4.6	-.15	.75	2.4	31.	1.6	34.	3.4	31.	3.5	31.	-4.2	-.10
23	2	79	10	-3.4	-.35	.72	2.4	32.	1.2	29.	2.5	32.	3.2	31.	-4.2	-.10
23	2	79	11	-1.8	-.63	.68	1.9	32.	1.7	26.	2.1	32.	2.8	33.	-2.8	-.19
23	2	79	12	-1.6	-.75	.64	1.4	31.	1.8	27.	2.4	2.	1.8	34.	-.7	-.37
23	2	79	13	-.5	-.83	.61	1.1	32.	1.3	27.	2.1	2.	1.8	35.	-.7	-.29
23	2	79	14	.3	-.70	.58	1.7	31.	1.8	27.	2.4	2.	1.8	2.	-.7	-.21
23	2	79	15	.3	-.68	.55	1.0	32.	1.6	27.	2.5	2.	1.8	3.	-1.4	-.20
23	2	79	16	-.9	-.32	.59	.7	33.	1.1	28.	2.3	2.	1.4	9.	-1.4	-.20
23	2	79	17	-2.0	-.01	.63	.4	1.	1.4	28.	2.4	1.	1.4	10.	-1.4	-.12
23	2	79	18	-2.8	.15	.65	.6	31.	1.1	27.	1.6	1.	1.1	9	-2.1	-.04
23	2	79	19	-3.1	.12	.70	1.1	30.	1.2	30.	1.7	1.	1.4	13.	-2.8	-.03
23	2	79	20	-3.0	.16	.73	2.1	30.	1.6	30.	2.1	1.	2.1	33.	-2.8	-.03
23	2	79	21	-3.6	.24	.77	2.7	31.	1.6	29.	1.7	1.	2.5	32.	-3.5	-.03
23	2	79	22	-3.9	.32	.74	2.9	32.	.7	29.	2.1	1.	2.5	33.	-3.5	-.03
23	2	79	23	-4.6	.35	.76	3.4	32.	1.6	30.	2.1	1.	3.2	31.	-4.2	-.02
23	2	79	24	-5.1	.62	.78	3.3	32.	2.1	28.	2.1	1.	3.5	31.	-4.9	-.02
24	2	79	1	-5.3	1.38	.82	3.9	31.	1.5	31.	1.6	2.	2.8	31.	-5.6	.06
24	2	79	2	-5.7	1.40	.84	3.2	32.	2.1	29.	2.1	1.	3.9	32.	-5.6	.06
24	2	79	3	-6.3	2.60	.88	3.1	32.	1.6	29.	2.5	1.	2.8	32.	-6.3	-.01
24	2	79	4	-6.2	1.80	.86	3.5	31.	1.5	32.	2.4	2.	2.5	32.	-6.3	.07
24	2	79	5	-6.8	1.51	.87	3.8	31.	.7	34.	2.8	1.	2.5	32.	-7.7	.32
24	2	79	6	-5.7	1.36	.77	3.4	32.	.7	34.	3.1	1.	2.8	35.	-8.4	.32
24	2	79	7	-6.6	1.53	.78	3.0	32.	.9	30.	2.4	1.	2.1	35.	-9.8	.57
24	2	79	8	-6.2	.69	.78	2.1	34.	1.1	29.	2.4	1.	1.8	34.	-9.1	.48
24	2	79	9	-4.5	.51	.76	2.9	33.	.9	28.	2.1	1.	1.1	34.	-7.0	.31
24	2	79	10	-3.0	.26	.75	2.5	32.	1.5	29.	2.3	1.	1.8	33.	-5.6	.22
24	2	79	11	.6	-.38	.59	2.7	31.	.7	22.	2.1	2.	1.8	34.	-1.4	-.12
24	2	79	12	2.6	-.67	.50	2.0	32.	1.2	28.	2.1	2.	1.4	3.	.7	-.37
24	2	79	13	5.2	-.86	.42	1.7	31.	1.1	26.	1.4	1.	1.1	9.	3.5	-.79
24	2	79	14	7.9	-1.10	.34	2.0	30.	1.8	28.	1.1	2.	1.1	10.	4.9	.32
24	2	79	15	5.9	-.50	.33	1.9	30.	1.3	26.	1.8	2.	1.1	5.	4.2	-.08
24	2	79	16	5.9	-.62	.29	1.4	30.	.8	24.	1.3	2.	1.1	14.	2.8	-.23
24	2	79	17	3.5	-.11	.32	.5	15.	.8	26.	.6	2.	1.1	15.	1.4	.18
24	2	79	18	.3	.70	.41	.9	21.	.9	26.	.9	12.	1.4	16.	-1.4	.68
24	2	79	19	-1.1	1.14	.57	1.1	1025.	.9	32.	1.1	12.	1.1	38.	-2.1	.12
24	2	79	20	-1.7	1.15	.61	2.2	29.	.7	28.	1.4	6.	1.4	29.	-2.8	.21
24	2	79	21	-2.8	1.58	.72	3.0	31.	.8	28.	1.4	2.	1.8	18.	-4.2	.30
24	2	79	22	-2.4	1.08	.70	3.3	32.	.7	24.	2.8	2.	1.1	31.	-4.2	.38
24	2	79	23	-2.0	.98	.66	3.5	32.	.7	26.	2.1	1.	2.5	31.	-4.2	.46
24	2	79	24	-2.6	1.12	.70	3.3	32.	.6	21.	2.0	1.	2.1	33.	-3.5	.37
25	2	79	1	-3.1	1.46	.73	3.7	31.	1.1	29.	1.8	1.	1.1	38.	-4.9	.54
25	2	79	2	-3.8	1.28	.77	3.2	32.	.7	32.	2.3	1.	2.5	31.	-4.9	.70
25	2	79	3	-4.8	2.15	.86	3.0	32.	.5	30.	2.1	1.	2.1	33.	-6.3	.63
25	2	79	4	-5.4	1.56	.85	2.7	32.	.6	34.	2.4	1.	2.1	31.	-6.3	.63
25	2	79	5	-5.8	1.57	.88	3.2	32.	.7	29.	2.5	1.	1.8	34.	-6.3	.47
25	2	79	6	-6.4	1.73	.89	2.8	32.	.7	32.	2.6	1.	2.1	33.	-7.7	.80
25	2	79	7	-6.5	1.79	.89	3.1	32.	.9	30.	2.4	1.	2.5	33.	-8.4	.56
25	2	79	8	-5.7	1.23	.87	2.5	32.	.9	28.	2.6	1.	2.5	33.	-6.3	.55
25	2	79	9	-4.1	.63	.84	2.6	32.	1.3	29.	2.1	1.	2.5	34.	-4.9	.22
25	2	79	10	-1.0	-.36	.74	1.9	32.	.9	29.	1.9	1.	2.5	33.	-2.1	.04
25	2	79	11	2.4	-.05	.63	1.9	30.	.6	26.	1.9	1.	2.1	33.	-1.4	-.36
25	2	79	12	5.8	-.55	.51	.8	30.	.6	20.	1.9	1.	1.1	3.	2.8	-.71
25	2	79	13	9.5	-1.12	.36	.7	31.	.7	12.	1.1	1.	1.1	4.	4.9	-.24
25	2	79	14	6.8	.05	.44	.7	1011.	.3	12.	.7	2.	1.1	1.	2.8	.33
25	2	79	15	3.0	.19	.60	1.7	11.	.2	6.	.7	10.	1.1	13.	2.1	.58
25	2	79	16	3.0	.36	.57	1.7	11.	.5	18.	.6	8.	1.1	13.	2.1	.10
25	2	79	17	1.8	.98	.61	1.4	12.	.4	32.	.6	8.	1.1	12.	.7	.11
25	2	79	18	.3	1.39	.66	.8	14.	.5	28.	1.1	16.	1.1	34.	-.7	.43
25	2	79	19	.0	.82	.68	1.6	34.	.5	32.	1.4	2.	1.1	13.	-2.1	.60
25	2	79	20	-.8	1.79	.79	1.2	29.	.7	28.	.6	2.	1.1	33.	-2.1	.44
25	2	79	21	-1.3	2.28	.81	2.2	31.	.8	28.	1.4	2.	1.8	8.	-2.1	.12
25	2	79	22	-2.6	1.61	.85	2.2	29.	.6	29.	1.4	2.	2.1	31.	-4.2	.22
25	2	79	23	-2.7	2.09	.85	3.0	28.	.5	29.	.9	2.	1.4	29.	-4.9	.22
25	2	79	24	-2.7	2.28	.83	1.9	29.	.5	12.	2.3	2.	2.1	33.	-5.6	.22

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	T-RA	DT-RA
26	2	79	1	-4.4	1.96	.91	1.7	31.	.6	22.	1.4	1.	1.8	32.	-6.3	.39
26	2	79	2	-4.8	1.40	.90	1.6	30.	.6	26.	1.8	1.	2.1	33.	-7.7	.32
26	2	79	3	-4.6	1.91	.79	3.0	28.	.5	30.	1.6	2.	1.1	33.	-7.7	.32
26	2	79	4	-3.8	1.17	.73	3.1	27.	.6	27.	2.1	1.	1.4	32.	-7.7	.16
26	2	79	5	-1.9	.40	.61	3.4	25.	.4	28.	1.8	1.	1.8	32.	-7.7	.16
26	2	79	6	-1.8	.64	.66	2.0	23.	.8	28.	1.6	1.	1.4	4.	-7.7	.08
26	2	79	7	-1.7	.66	.78	3.1	22.	.6	18.	2.2	1.	1.8	31.	-6.3	-.01
26	2	79	8	-.0	.59	.85	3.4	20.	.6	24.	2.1	1.	2.5	38.	-6.3	-.09
26	2	79	9	1.6	-.18	.82	3.1	18.	.6	24.	1.4	1.	1.4	3.	-4.2	.06
26	2	79	10	2.7	-.10	.82	2.2	17.	.7	6.	1.1	8.	1.1	0.	-2.8	-.11
26	2	79	11	4.6	-.10	.81	2.2	1014.	.7	4.	1.9	36.	1.4	0.	1.4	.66
26	2	79	12	8.3	-.26	.67	4.2	24.	1.4	24.	3.1	23.	2.1	0.	8.4	-.35
26	2	79	13	7.8	-.13	.68	4.5	24.	4.6	24.	5.3	22.	3.5	25.	7.7	-.26
26	2	79	14	7.5	-.19	.69	3.8	22.	3.6	22.	2.6	21.	4.2	26.	7.7	-.26
26	2	79	15	7.2	-.11	.70	3.4	21.	2.6	21.	3.1	20.	3.2	22.	7.0	-.02
26	2	79	16	7.8	-.23	.68	3.6	21.	3.5	24.	2.4	20.	2.5	17.	7.7	-.26
26	2	79	17	5.8	.16	.75	2.0	13.	2.4	26.	2.6	20.	2.5	22.	4.9	.24
26	2	79	18	5.6	.11	.76	1.8	22.	3.6	24.	2.5	16.	2.5	14.	5.6	-.08
26	2	79	19	4.8	.05	.80	4.4	23.	3.6	27.	2.5	20.	3.9	23.	4.9	-.08
26	2	79	20	4.4	.06	.83	4.9	24.	2.4	26.	5.4	24.	4.2	23.	4.9	-.16
26	2	79	21	3.5	.10	.87	3.3	23.	1.7	30.	4.1	24.	3.5	24.	3.5	-.07
26	2	79	22	2.9	.16	.89	3.0	1025.	.9	24.	3.6	24.	2.8	25.	3.5	-.07
26	2	79	23	3.7	.03	.80	3.8	27.	.9	6.	3.3	25.	2.5	24.	2.1	.02
26	2	79	24	2.6	.18	.80	3.2	28.	1.1	6.	3.8	25.	3.2	31.	1.4	.10
27	2	79	1	2.2	.21	.77	2.7	26.	1.1	32.	2.6	24.	2.5	32.	2.1	.18
27	2	79	2	1.7	.30	.72	2.5	26.	1.1	28.	2.9	25.	3.9	24.	1.4	.34
27	2	79	3	1.8	.13	.69	2.6	27.	.6	29.	1.6	26.	1.8	26.	-.7	.43
27	2	79	4	2.0	.07	.71	4.1	28.	.9	32.	1.5	27.	1.8	31.	-1.4	.44
27	2	79	5	1.5	.17	.74	3.4	28.	.8	32.	2.4	1.	2.8	33.	0.0	.11
27	2	79	6	.2	.34	.78	1.4	31.	.7	17.	2.4	36.	3.2	33.	-.7	.11
27	2	79	7	.6	.21	.78	1.5	26.	.7	32.	.9	20.	1.4	0.	-.7	.11
27	2	79	8	1.4	.14	.76	2.5	27.	1.2	30.	1.4	26.	2.5	13.	-1.4	.36
27	2	79	9	2.0	.03	.75	2.3	33.	.8	29.	3.1	1.	2.8	33.	0.0	.27
27	2	79	10	4.0	-.32	.69	2.1	32.	.6	29.	2.3	2.	2.5	3.	.7	-.05
27	2	79	11	5.0	-.20	.64	1.4	35.	.3	22.	2.1	1.	1.1	4.	2.8	.01
27	2	79	12	7.9	-.79	.50	.5	28.	.8	14.	.7	2.	1.1	5.	5.6	-.40
27	2	79	13	6.5	-.57	.55	1.7	12.	1.9	11.	1.3	13.	1.1	13.	4.9	-.16
27	2	79	14	4.5	-.23	.64	2.3	12.	3.1	14.	2.2	16.	1.8	14.	4.2	-.08
27	2	79	15	3.7	.04	.71	2.3	14.	4.6	16.	3.1	14.	4.6	14.	4.2	.00
27	2	79	16	2.6	.30	.82	2.4	14.	4.0	16.	2.6	14.	3.9	15.	3.5	.09
27	2	79	17	2.5	.05	.84	2.6	16.	3.2	14.	2.8	13.	3.9	16.	3.5	-.07
27	2	79	18	1.7	-.03	.95	2.7	17.	3.1	12.	2.1	14.	4.2	17.	2.8	-.15
27	2	79	19	1.1	.01	.95	2.7	15.	3.6	16.	1.9	15.	4.2	17.	1.4	-.14
27	2	79	20	.9	.05	.95	2.1	14.	2.8	13.	2.2	14.	4.9	14.	1.4	-.14
27	2	79	21	1.4	.10	.95	2.3	14.	3.0	10.	2.2	13.	3.2	14.	1.4	-.06
27	2	79	22	1.8	.05	.95	2.5	15.	3.1	12.	2.8	14.	3.9	16.	2.1	-.06
27	2	79	23	2.0	.05	.95	1.7	15.	2.4	14.	2.5	14.	3.5	15.	2.1	-.14
27	2	79	24	2.1	.04	.95	3.1	18.	4.1	15.	2.9	15.	3.5	15.	2.8	-.15
28	2	79	1	1.9	.02	.95	4.4	19.	3.8	4.	3.6	17.	4.6	19.	2.8	-.15
28	2	79	2	1.7	.01	.95	4.9	19.	3.4	3.	3.6	16.	6.0	18.	2.8	-.15
28	2	79	3	1.5	.02	.95	4.3	19.	4.0	4.	3.5	17.	4.9	18.	2.1	-.14
28	2	79	4	1.5	.01	.95	4.4	19.	4.1	4.	3.9	16.	4.9	17.	2.1	-.14
28	2	79	5	1.5	-.01	.95	5.1	19.	3.9	4.	3.2	16.	5.3	18.	2.8	-.15
28	2	79	6	1.3	-.01	.95	4.7	19.	3.3	3.	3.4	16.	4.9	19.	2.1	-.14
28	2	79	7	1.0	-.03	.94	4.2	18.	3.7	4.	4.0	16.	5.3	19.	2.1	-.14
28	2	79	8	.6	-.05	.94	4.5	17.	4.6	5.	4.3	16.	4.9	18.	1.4	-.14
28	2	79	9	.4	-.06	.93	5.1	18.	4.2	4.	5.4	16.	6.0	18.	1.4	-.14
28	2	79	10	.3	-.09	.93	5.5	18.	5.2	5.	5.1	16.	5.6	17.	1.4	-.14
28	2	79	11	.3	-.09	.93	5.7	17.	5.2	5.	5.6	16.	6.0	16.	1.4	-.14
28	2	79	12	.4	-.08	.93	6.0	18.	6.2	6.	5.4	16.	5.3	16.	1.4	-.14
28	2	79	13	.6	-.09	.92	6.3	18.	5.2	5.	5.6	17.	6.0	16.	1.4	-.14
28	2	79	14	.7	-.12	.89	5.6	18.	5.1	5.	5.4	16.	5.3	16.	1.4	-.14
28	2	79	15	.6	-.13	.88	4.9	16.	4.8	5.	5.2	16.	4.9	16.	1.4	-.14
28	2	79	16	.7	-.09	.87	3.5	16.	4.5	5.	4.1	16.	6.0	16.	1.4	-.14
28	2	79	17	.7	-.05	.85	3.2	15.	3.2	3.	4.1	16.	3.9	16.	1.4	-.14
28	2	79	18	.5	-.04	.87	3.2	14.	2.9	3.	2.5	16.	4.2	16.	1.4	-.14
28	2	79	19	.7	-.01	.85	3.1	14.	3.5	4.	1.7	15.	4.2	14.	1.4	-.14
28	2	79	20	.2	.01	.89	3.2	13.	3.9	4.	2.6	14.	3.5	13.	1.4	-.14
28	2	79	21	-.1	.02	.89	3.5	14.	3.5	4.	2.0	14.	4.6	13.	.7	-.13
28	2	79	22	.1	-.02	.88	3.3	14.	4.4	4.	2.3	14.	4.6	14.	.7	-.13
28	2	79	23	.2	-.02	.86	3.5	14.	4.1	4.	1.9	13.	4.9	14.	.7	-.13
28	2	79	24	-.1	.03	.87	3.3	14.	3.3	3.	2.1	13.	4.2	14.	.7	-.13

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RAPPORTTYPE	RAPPORTNR.	ISBN--82-7247-121-3
Oppdragsrapport	OR 27/79	
DATO	ANSV.SIGN.	ANT.SIDER OG BILAG
August 1979	O.F.Skogvold O.F.S.	57 1
TITTEL Meteorologiske data fra nedre Telemark - vinter 1978/1979.		PROSJEKTLEDER B Sivertsen
		NILU PROSJEKT NR 20476, 20976, 21876
FORFATTER(E) B Sivertsen A G Friberg		TILGJENGELIGHET ** A
		OPPDRAGSGIVERS REF.
OPPDRAGSGIVER Norsk Hydro, Rafnes, Porsgrunn Fabrikker, SFT Kontrollstasjon		
3 STIKKORD (á maks.20 anslag) Meteorologiske data | Statistisk bearbeid.		

REFERAT (maks. 300 anslag, 5-10 linjer)

Presentasjon av en statistisk bearbeiding av meteorologiske data fra nedre Telemark i perioden 1.12.78 - 28.2.79.

TITTEL

Meteorological data from nedre Telemark, winter 1978/1979.

ABSTRACT (max. 300 characters, 5-10 lines)

A statistical evaluation of meteorological data from the nedre Telemark area during 1.12.78 - 28.2.79.

**Kategorier: Åpen - kan bestilles fra NILU A
Må bestilles gjennom oppdragsgiver B
Kan ikke utleveres C