RNS Number : 5828L
East Star Resources PLC
16 May 2022

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16 May 2022

East Star Resources Plc

("**East Star**" or the "**Company**")

Remaining Drill Results from Apmintas Licence, Kazakhstan

East Star Resources Plc (LSE:EST), the Kazakhstan-focused gold and copper explorer, announces that the remaining assays have been received from reconnaissance Reverse Circulation (RC) drilling undertaken in September 2021 on the Apmintas Licence on the Chu-Ili Gold Belt in central Kazakhstan.

Highlights:

- Hole AP_021 in the Eshkilitau II target recorded **14m @ 2.54 g/t Au** from only 40m downhole including **5m @ 4.97 g/t Au** from 44m
- AP_021 in the vicinity of C-108, **2m @ 28.8 g/t Au** from 196m, demonstrating potential for scale
- Anomalous gold was confirmed across all Eshkilitau occurrences of the Apmintas Licence confirming a gold bearing system with a strike of more than 4km
- Anomalous gold on other targets confirm gold bearing systems with further field work required prior to drilling
- Teams currently on-site conducting soil sampling and ground magnetics to firm up collar locations for upcoming drill programme, due to commence in early Q3 2022

Alex Walker, East Star CEO, commented:

"The disseminated gold in AP_021 at Eshkilitau II is fantastic to see. Historical results at this target recorded high grades over short intervals whereas wider intersections, close to surface will add tonnage to potential future operations. It also demonstrates that historical assays often did not include the potential for disseminated ore which increases the potential on other targets. The anomalous gold from other parts of the Licence demonstrate that gold-rich fluid migrated through a significant portion of the Apmintas Licence where we are already aware of several local trap structures such as Novoe and Southern Shabdar and now Eshkilitau II and the results from the already completed magnetic survey indicate we have a number of other exciting targets under cover.

Further, having undergone additional QAQC procedures for the latest results, East Star was able to test logistics chains and different assay labs which will improve efficiency in this year's programme."

Background

Historical Eshkilitau II results from 2005-2006 drilling by Odak LLP (''Odak'') included the following highlighted intersections:

- Borehole C-11 intersected **1m @ 7.86 g/t Au** from 27m
- Borehole C-23 intersected **1m @ 7.00 g/t Au** from 5m
- Borehole C-28 intersected **2.8m @ 4.67 g/t Au** from 19m

- Borehole C-57 intersected **1m @ 4.62 g/t Au** from 25m
- Borehole C-92 intersected **4m @ 2.04 g/t Au** from 47m and **1.3m @ 8.2 g/t Au** from 122.7m
- Borehole C-100 intersected **6m @ 1.6 g/t Au** from 61m
- Borehole C-108 intersected **2m @ 28.8 g/t Au** from 196m
- Borehole C-109 intersected **7m @ 1.34 g/t Au** from 37m and **1m @ 13.61 g/t Au** from 53m

The Eshkilitau group of occurrences was discovered in 1978 and it is located within northeast edge of the Molain basin and has relation to the Altynsay Ring structure. The geology of the district of the occurrence is represented by Upper Ordovician conglomerates, sandstones and interbedded siltstones and schists. Occurrences are represented by series of quartz veins and the gold grades in rock chip samples received up to 65 g/t. The Eshkilitau II occurrence was previously represented by a series of subvertical quartz veins of northwest and east-west orientation but is now in addition showing disseminated gold in the host rock. The length of the individual veins vary between 100 to 300m with a thickness of 0.3 to 2m. The east-west oriented vein bifurcates into a horsetail vein system. The occurrence was studied by 55 trenches and seven prospecting shafts, totaling about 1,000 grab and channel samples. The gold grades in historic samples vary from 0.1 to 2.0 g/t Au. Two samples collected from the bending part of the vein returned 168 and 200.8 g/t Au.

Other targets

Predtakyrny - located to the northwest from the Eshkilitau occurrences and it is the northmost point at the Apmintas Licence. The prospect was discovered in 1989 by exploration drilling with 800x80m grid spacing resulting in a maximum grade of 8 g/t and a 5m average thickness of gold intersections. The prospect is also a part of the Shabdar-Ergenektin fault and sits in residual soil of the siltstones and mudstones of the Upper Ordovician formation. Elevated gold in residual soil, present in the Ergenektin corridor, is a favourable background in terms of geology and regional metallogeny making this target worthy of further investigation.

Uzuntas - located northeast of the Eshkilitau group of occurrences and 8km to the north of the Altynsay artisanal mine, the prospect was found in 1980 by Balkash expedition. The northeast area of the occurrence is represented by the andesites porphyry lower Devonian formation. Sediments are mostly sandstones and siltstones of the Middle Ordovician. There are series of quartz veins with a ~300 degree bearing which mostly characterise the Uzuntas occurrence. Historical grades received up to 7.5 g/t gold. Later exploration was done by Odak and showed up to 10 g/t from air percussion drilling.

The same geological settings of the occurrence as mentioned above gives East Star a clear understanding that the gold bearing corridor of the Ergenektin Fault in the Zhalair-Naiman zone contains strong potential for finding new deposits under cover in addition to those already discovered. The field programme currently underway which includes soil sampling and close spaced high resolution ground magnetics is intended to progress the priority of these additional areas to add targets to the 2022 drilling programme.

A complete list of all drill results is attached below in Appendix 1.

For further information visit the Company's website at www.eaststarplc.com, or contact:

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About East Star Resources Plc
East Star Resources is focused on the discovery and development of gold, copper, and base metal deposits in Kazakhstan. With an initial four licences covering 1,432 km^2 in two mineral rich belts, East Star is undertaking an intensive exploration programme, applying modern geophysics to discover gold, copper, and base metals in levels that were not explored in the Soviet era. The Company also intends to expand its licence portfolio in Kazakhstan. East Star's management are based permanently on the ground, supported by local expertise, and a joint venture with the state mining company.

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The person who arranged for the release of this announcement was Alex Walker, CEO of the Company.

Competent Persons Statement

Information and data presented within this announcement has been compiled by Mr Azamat Bizhanov, a Member of the Australian Institute of Geoscientists ("MAIG"). Mr Bizhanov is the Exploration Manager for East Star Resources Plc and has sufficient experience, which is relevant to the style of mineralisation, deposit type and to the activity which he is undertaking to qualify as a Competent Person defined by the 2012 Edition of the Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves (the "JORC" Code). This includes 10 years of Mining, Resource Estimation and Exploration relevant to the style of mineralisation.

Appendix 1 - Table of Results

BHID	FROM	TO	LENGTH	First Assay	Second Assay	QAQC 1	QAQC 2
AP_001	0.00	1.00	1.00	0.14			
AP_001	1.00	2.00	1.00	<0.10			
AP_001	2.00	3.00	1.00	≤0.10			
AP_001	3.00	4.00	1.00	<0.10			
AP_001	4.00	5.00	1.00	<0.10			
AP_001	5.00	6.00	1.00	<0.10			
AP_001	6.00	7.00	1.00	0.18			
AP_001	7.00	8.00	1.00	0.64			
AP_001	8.00	9.00	1.00	0.39			
AP_001	9.00	10.00	1.00	0.69			
AP_001	10.00	11.00	1.00	0.44			
AP_001	11.00	12.00	1.00	<0.10			
AP_001	12.00	13.00	1.00	<0.10			
AP_001	13.00	14.00	1.00	0.12			
AP_001	14.00	15.00	1.00	<0.10			
AP_001	15.00	16.00	1.00	0.13			
AP_001	16.00	17.00	1.00	0.10			
AP_001	17.00	18.00	1.00	<0.10			
AP_001	18.00	19.00	1.00	0.10			
AP_001	19.00	20.00	1.00	0.24			
AP_001	20.00	21.00	1.00	<0.10			
AP_001	21.00	22.00	1.00	<0.10			
AP_001	22.00	23.00	1.00	<0.10			
AP_001	23.00	24.00	1.00	0.13			
AP_001	24.00	25.00	1.00	<0.10			
AP_001	25.00	26.00	1.00	<0.10			
AP_001	26.00	27.00	1.00	0.36			
AP_001	27.00	28.00	1.00	0.10			
AP_001	28.00	29.00	1.00	≤0.10			
AP_001	29.00	30.00	1.00	≤0.10			
AP_001	30.00	31.00	1.00	0.20			
AP_001	31.00	32.00	1.00	0.35			
AP_001	32.00	33.00	1.00	0.28			
AP_001	33.00	34.00	1.00	0.19			
AP_001	34.00	35.00	1.00	0.15			
AP_001	35.00	36.00	1.00	0.20			

AP_001	36.00	37.00	1.00	0.26			
AP_001	37.00	38.00	1.00	0.13			
AP_001	38.00	39.00	1.00	0.12			
AP_001	39.00	40.00	1.00	0.11			
AP_001	40.00	41.00	1.00	≤0.10			
AP_001	41.00	42.00	1.00	<0.10			
AP_001	42.00	43.00	1.00	≤0.10			
AP_001	43.00	44.00	1.00	0.12			
AP_001	44.00	45.00	1.00	0.22			
AP_001	45.00	46.00	1.00	0.18			
AP_001	46.00	47.00	1.00	0.31			
AP_001	47.00	48.00	1.00	<0.10			
AP_001	48.00	49.00	1.00	<0.10			
AP_001	49.00	50.00	1.00	0.13			
AP_001	50.00	51.00	1.00	<0.10			
AP_001	51.00	52.00	1.00	0.13			
AP_001	52.00	53.00	1.00	<0.10			
AP_001	53.00	54.00	1.00	≤0.10			
AP_001	54.00	55.00	1.00	0.18			
AP_001	55.00	56.00	1.00	0.26			
AP_001	56.00	57.00	1.00	0.22			
AP_001	57.00	58.00	1.00	0.20			
AP_001	58.00	59.00	1.00	0.57			
AP_001	59.00	60.00	1.00	0.30			
AP_001	60.00	61.00	1.00	0.14			
AP_001	61.00	62.00	1.00	0.12			
AP_001	62.00	63.00	1.00	0.12			
AP_001	63.00	64.00	1.00	≤0.10			
AP_001	64.00	65.00	1.00	<0.10			
AP_001	65.00	66.00	1.00	0.13			
AP_001	66.00	67.00	1.00	0.11			
AP_001	67.00	68.00	1.00	0.10			
AP_001	68.00	69.00	1.00	≤0.10			
AP_001	69.00	70.00	1.00	0.21			
AP_001	70.00	71.00	1.00	0.11			
AP_001	71.00	72.00	1.00	0.12			
AP_001	72.00	73.00	1.00	<0.10			
AP_001	73.00	74.00	1.00	0.11			
AP_001	74.00	75.00	1.00	≤0.10			
AP_002	0.00	1.00	1.00	<0.10			
AP_002	1.00	2.00	1.00	<0.10			
AP_002	2.00	3.00	1.00	<0.10			
AP_002	3.00	4.00	1.00	<0.10			
AP_002	4.00	5.00	1.00	<0.10			
AP_002	5.00	6.00	1.00	<0.10			
AP_002	6.00	7.00	1.00	0.82			
AP_002	7.00	8.00	1.00	0.61			
AP_002	8.00	9.00	1.00	<0.10			
AP_002	9.00	10.00	1.00	<0.10			
AP_002	10.00	11.00	1.00	0.41			
AP_002	11.00	12.00	1.00	0.40			
AP_002	12.00	13.00	1.00	0.32			
AP_002	13.00	14.00	1.00	<0.10			
AP_002	14.00	15.00	1.00	<0.10			
AP_002	15.00	16.00	1.00	<0.10			
AP_002	16.00	17.00	1.00	<0.10			
AP_002	17.00	18.00	1.00	<0.10			
AP_002	18.00	19.00	1.00	<0.10			

AP_002	19.00	20.00	1.00	0.17			
AP_002	20.00	21.00	1.00	0.34			
AP_002	21.00	22.00	1.00	<0.10			
AP_002	22.00	23.00	1.00	0.10			
AP_002	23.00	24.00	1.00	<0.10			
AP_002	24.00	25.00	1.00	<0.10			
AP_002	25.00	26.00	1.00	<0.10			
AP_002	26.00	27.00	1.00	<0.10			
AP_002	27.00	28.00	1.00	<0.10			
AP_002	28.00	29.00	1.00	<0.10			
AP_002	29.00	30.00	1.00	0.12			
AP_002	30.00	31.00	1.00	<0.10			
AP_002	31.00	32.00	1.00	0.12			
AP_002	32.00	33.00	1.00	<0.10			
AP_002	33.00	34.00	1.00	<0.10			
AP_002	34.00	35.00	1.00	<0.10			
AP_002	35.00	36.00	1.00	<0.10			
AP_002	36.00	37.00	1.00	<0.10			
AP_002	37.00	38.00	1.00	<0.10			
AP_002	38.00	39.00	1.00	<0.10			
AP_002	39.00	40.00	1.00	0.50			
AP_002	40.00	41.00	1.00	0.27			
AP_002	41.00	42.00	1.00	<0.10			
AP_002	42.00	43.00	1.00	<0.10			
AP_002	43.00	44.00	1.00	<0.10			
AP_002	44.00	45.00	1.00	0.10			
AP_002	45.00	46.00	1.00	0.13			
AP_002	46.00	47.00	1.00	<0.10			
AP_002	47.00	48.00	1.00	<0.10			
AP_002	48.00	49.00	1.00	0.18			
AP_002	49.00	50.00	1.00	<0.10			
AP_002	50.00	51.00	1.00	<0.10			
AP_002	51.00	52.00	1.00	0.13			
AP_002	52.00	53.00	1.00	<0.10			
AP_002	53.00	54.00	1.00	<0.10			
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AP_002	56.00	57.00	1.00	<0.10			
AP_002	57.00	58.00	1.00	<0.10			
AP_002	58.00	59.00	1.00	<0.10			
AP_002	59.00	60.00	1.00	<0.10			
AP_002	60.00	61.00	1.00	<0.10			
AP_002	61.00	62.00	1.00	<0.10			
AP_002	62.00	63.00	1.00	0.10			
AP_002	63.00	64.00	1.00	<0.10			
AP_002	64.00	65.00	1.00	<0.10			
AP_002	65.00	66.00	1.00	0.28			
AP_002	66.00	67.00	1.00	0.13			
AP_002	67.00	68.00	1.00	0.10			
AP_002	68.00	69.00	1.00	0.14			
AP_002	69.00	70.00	1.00	<0.10			
AP_002	70.00	71.00	1.00	<0.10			
AP_002	71.00	72.00	1.00	<0.10			
AP_002	72.00	73.00	1.00	<0.10			
AP_002	73.00	74.00	1.00	<0.10			
AP_002	74.00	75.00	1.00	<0.10			
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AP_002	76.00	77.00	1.00	<0.10			

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AP_003	2.00	3.00	1.00	<0.10			
AP_003	3.00	4.00	1.00	<0.10			
AP_003	4.00	5.00	1.00	<0.10			
AP_003	5.00	6.00	1.00	<0.10			
AP_003	6.00	7.00	1.00	<0.10			
AP_003	7.00	8.00	1.00	<0.10			
AP_003	8.00	9.00	1.00	<0.10			
AP_003	9.00	10.00	1.00	<0.10			
AP_003	10.00	11.00	1.00	<0.10			
AP_003	11.00	12.00	1.00	<0.10			
AP_003	12.00	13.00	1.00	<0.10			
AP_003	13.00	14.00	1.00	≤0.10			
AP_003	14.00	15.00	1.00	<0.10			
AP_003	15.00	16.00	1.00	<0.10			
AP_003	16.00	17.00	1.00	<0.10			
AP_003	17.00	18.00	1.00	<0.10			
AP_003	18.00	19.00	1.00	0.15			
AP_003	19.00	20.00	1.00	0.33			
AP_003	20.00	21.00	1.00	0.24			
AP_003	21.00	22.00	1.00	<0.10			
AP_003	22.00	23.00	1.00	0.11			
AP_003	23.00	24.00	1.00	<0.10			
AP_003	24.00	25.00	1.00	≤0.10			
AP_003	25.00	26.00	1.00	0.12			
AP_003	26.00	27.00	1.00	<0.10			
AP_003	27.00	28.00	1.00	<0.10			
AP_003	28.00	29.00	1.00	<0.10			
AP_003	29.00	30.00	1.00	<0.10			
AP_003	30.00	31.00	1.00	<0.10			
AP_003	31.00	32.00	1.00	<0.10			
AP_003	32.00	33.00	1.00	<0.10			
AP_003	33.00	34.00	1.00	<0.10			
AP_003	34.00	35.00	1.00	<0.10			
AP_003	35.00	36.00	1.00	<0.10			
AP_003	36.00	37.00	1.00	0.15			
AP_003	37.00	38.00	1.00	0.21			
AP_003	38.00	39.00	1.00	<0.10			
AP_003	39.00	40.00	1.00	<0.10			
AP_003	40.00	41.00	1.00	<0.10			
AP_003	41.00	42.00	1.00	<0.10			
AP_003	42.00	43.00	1.00	<0.10			
AP_003	43.00	44.00	1.00	<0.10			
AP_003	44.00	45.00	1.00	<0.10			
AP_003	45.00	46.00	1.00	<0.10			
AP_003	46.00	47.00	1.00	<0.10			
AP_003	47.00	48.00	1.00	<0.10			
AP_003	48.00	49.00	1.00	<0.10			
AP_003	49.00	50.00	1.00	<0.10			
AP_003	50.00	51.00	1.00	<0.10			
AP_003	51.00	52.00	1.00	<0.10			
AP_003	52.00	53.00	1.00	<0.10			
AP_003	53.00	54.00	1.00	<0.10			

AP_003	54.00	55.00	1.00	<0.10			
AP_003	55.00	56.00	1.00	<0.10			
AP_003	56.00	57.00	1.00	<0.10			
AP_003	57.00	58.00	1.00	<0.10			
AP_003	58.00	59.00	1.00	<0.10			
AP_003	59.00	60.00	1.00	<0.10			
AP_003	60.00	61.00	1.00	<0.10			
AP_003	61.00	62.00	1.00	<0.10			
AP_003	62.00	63.00	1.00	<0.10			
AP_004	0.00	1.00	1.00	<0.10			
AP_004	1.00	2.00	1.00	<0.10			
AP_004	2.00	3.00	1.00	<0.10			
AP_004	3.00	4.00	1.00	<0.10			
AP_004	4.00	5.00	1.00	<0.10			
AP_004	5.00	6.00	1.00	<0.10			
AP_004	6.00	7.00	1.00	<0.10			
AP_004	7.00	8.00	1.00	<0.10			
AP_004	8.00	9.00	1.00	<0.10			
AP_004	9.00	10.00	1.00	<0.10			
AP_004	10.00	11.00	1.00	<0.10			
AP_004	11.00	12.00	1.00	<0.10			
AP_004	12.00	13.00	1.00	<0.10			
AP_004	13.00	14.00	1.00	<0.10			
AP_004	14.00	15.00	1.00	<0.10			
AP_004	15.00	16.00	1.00	<0.10			
AP_004	16.00	17.00	1.00	<0.10			
AP_004	17.00	18.00	1.00	<0.10			
AP_004	18.00	19.00	1.00	<0.10			
AP_004	19.00	20.00	1.00	<0.10			
AP_004	20.00	21.00	1.00	0.13			
AP_004	21.00	22.00	1.00	<0.10			
AP_004	22.00	23.00	1.00	0.12			
AP_004	23.00	24.00	1.00	<0.10			
AP_004	24.00	25.00	1.00	<0.10			
AP_004	25.00	26.00	1.00	0.35			
AP_004	26.00	27.00	1.00	<0.10			
AP_004	27.00	28.00	1.00	0.10			
AP_004	28.00	29.00	1.00	<0.10			
AP_004	29.00	30.00	1.00	<0.10			
AP_004	30.00	31.00	1.00	<0.10			
AP_004	31.00	32.00	1.00	<0.10			
AP_004	32.00	33.00	1.00	0.13			
AP_004	33.00	34.00	1.00	0.17			
AP_004	34.00	35.00	1.00	0.21			
AP_004	35.00	36.00	1.00	0.25			
AP_004	36.00	37.00	1.00	<0.10			
AP_004	37.00	38.00	1.00	<0.10			
AP_004	38.00	39.00	1.00	0.16			
AP_004	39.00	40.00	1.00	0.10			
AP_004	40.00	41.00	1.00	<0.10			
AP_004	41.00	42.00	1.00	<0.10			
AP_004	42.00	43.00	1.00	<0.10			
AP_004	43.00	44.00	1.00	<0.10			
AP_004	44.00	45.00	1.00	<0.10			
AP_004	45.00	46.00	1.00	<0.10			
AP_004	46.00	47.00	1.00	<0.10			
AP_004	47.00	48.00	1.00	<0.10			
AP_004	48.00	49.00	1.00	<0.10			

AP_004	49.00	50.00	1.00	<0.10			
AP_004	50.00	51.00	1.00	<0.10			
AP_004	51.00	52.00	1.00	<0.10			
AP_004	52.00	53.00	1.00	<0.10			
AP_004	53.00	54.00	1.00	<0.10			
AP_004	54.00	55.00	1.00	<0.10			
AP_004	55.00	56.00	1.00	<0.10			
AP_004	56.00	57.00	1.00	<0.10			
AP_004	57.00	58.00	1.00	<0.10			
AP_004	58.00	59.00	1.00	<0.10			
AP_004	59.00	60.00	1.00	<0.10			
AP_004	60.00	61.00	1.00	<0.10			
AP_004	61.00	62.00	1.00	<0.10			
AP_004	62.00	63.00	1.00	<0.10			
AP_004	63.00	64.00	1.00	<0.10			
AP_004	64.00	65.00	1.00	<0.10			
AP_004	65.00	66.00	1.00	<0.10			
AP_004	66.00	67.00	1.00	<0.10			
AP_004	67.00	68.00	1.00	<0.10			
AP_004	68.00	69.00	1.00	<0.10			
AP_004	69.00	70.00	1.00	<0.10			
AP_004	70.00	71.00	1.00	<0.10			
AP_004	71.00	72.00	1.00	<0.10			
AP_004	72.00	73.00	1.00	<0.10			
AP_004	73.00	74.00	1.00	<0.10			
AP_004	74.00	75.00	1.00	<0.10			
AP_005	0.00	1.00	1.00	<0.10			
AP_005	1.00	2.00	1.00	<0.10			
AP_005	2.00	3.00	1.00	<0.10			
AP_005	3.00	4.00	1.00	<0.10			
AP_005	4.00	5.00	1.00	<0.10			
AP_005	5.00	6.00	1.00	<0.10			
AP_005	6.00	7.00	1.00	<0.10			
AP_005	7.00	8.00	1.00	<0.10			
AP_005	8.00	9.00	1.00	<0.10			
AP_005	9.00	10.00	1.00	<0.10			
AP_005	10.00	11.00	1.00	<0.10			
AP_005	11.00	12.00	1.00	<0.10			
AP_005	12.00	13.00	1.00	<0.10			
AP_005	13.00	14.00	1.00	<0.10			
AP_005	14.00	15.00	1.00	<0.10			
AP_005	15.00	16.00	1.00	<0.10			
AP_005	16.00	17.00	1.00	<0.10			
AP_005	17.00	18.00	1.00	<0.10			
AP_005	18.00	19.00	1.00	<0.10			
AP_005	19.00	20.00	1.00	<0.10			
AP_005	20.00	21.00	1.00	<0.10			
AP_005	21.00	22.00	1.00	<0.10			
AP_005	22.00	23.00	1.00	<0.10			
AP_005	23.00	24.00	1.00	<0.10			
AP_005	24.00	25.00	1.00	<0.10			
AP_005	25.00	26.00	1.00	<0.10			
AP_005	26.00	27.00	1.00	<0.10			
AP_005	27.00	28.00	1.00	<0.10			
AP_005	28.00	29.00	1.00	<0.10			
AP_005	29.00	30.00	1.00	<0.10			
AP_005	30.00	31.00	1.00	0.18			
AP_005	31.00	32.00	1.00	<0.10			

AP_005	32.00	33.00	1.00	<0.10			
AP_005	33.00	34.00	1.00	<0.10			
AP_005	34.00	35.00	1.00	<0.10			
AP_005	35.00	36.00	1.00	0.10			
AP_005	36.00	37.00	1.00	<0.10			
AP_005	37.00	38.00	1.00	0.10			
AP_005	38.00	39.00	1.00	<0.10			
AP_005	39.00	40.00	1.00	<0.10			
AP_005	40.00	41.00	1.00	<0.10			
AP_005	41.00	42.00	1.00	<0.10			
AP_005	42.00	43.00	1.00	0.37			
AP_005	43.00	44.00	1.00	<0.10			
AP_005	44.00	45.00	1.00	<0.10			
AP_005	45.00	46.00	1.00	<0.10			
AP_005	46.00	47.00	1.00	0.10			
AP_005	47.00	48.00	1.00	<0.10			
AP_005	48.00	49.00	1.00	<0.10			
AP_005	49.00	50.00	1.00	<0.10			
AP_005	50.00	51.00	1.00	<0.10			
AP_005	51.00	52.00	1.00	0.45			
AP_005	52.00	53.00	1.00	<0.10			
AP_005	53.00	54.00	1.00	<0.10			
AP_005	54.00	55.00	1.00	<0.10			
AP_005	55.00	56.00	1.00	<0.10			
AP_005	56.00	57.00	1.00	<0.10			
AP_005	57.00	58.00	1.00	<0.10			
AP_005	58.00	59.00	1.00	<0.10			
AP_005	59.00	60.00	1.00	<0.10			
AP_005	60.00	61.00	1.00	<0.10			
AP_005	61.00	62.00	1.00	<0.10			
AP_005	62.00	63.00	1.00	<0.10			
AP_005	63.00	64.00	1.00	<0.10			
AP_005	64.00	65.00	1.00	<0.10			
AP_005	65.00	66.00	1.00	<0.10			
AP_005	66.00	67.00	1.00	<0.10			
AP_005	67.00	68.00	1.00	<0.10			
AP_005	68.00	69.00	1.00	<0.10			
AP_005	69.00	70.00	1.00	<0.10			
AP_005	70.00	71.00	1.00	<0.10			
AP_005	71.00	72.00	1.00	<0.10			
AP_005	72.00	73.00	1.00	0.10			
AP_005	73.00	74.00	1.00	0.14			
AP_005	74.00	75.00	1.00	<0.10			
AP_005	75.00	76.00	1.00	<0.10			
AP_005	76.00	77.00	1.00	<0.10			
AP_005	77.00	78.00	1.00	0.17			
AP_005	78.00	79.00	1.00	0.13			
AP_005	79.00	80.00	1.00	<0.10			
AP_005	80.00	81.00	1.00	0.25			
AP_006	0.00	1.00	1.00	<0.10			
AP_006	1.00	2.00	1.00	<0.10			
AP_006	2.00	3.00	1.00	<0.10			
AP_006	3.00	4.00	1.00	<0.10			
AP_006	4.00	5.00	1.00	<0.10			
AP_006	5.00	6.00	1.00	<0.10			
AP_006	6.00	7.00	1.00	<0.10			
AP_006	7.00	8.00	1.00	<0.10			
AP_006	8.00	9.00	1.00	<0.10			

AP_006	9.00	10.00	1.00	<0.10			
AP_006	10.00	11.00	1.00	0.18			
AP_006	11.00	12.00	1.00	<0.10			
AP_006	12.00	13.00	1.00	<0.10			
AP_006	13.00	14.00	1.00	<0.10			
AP_006	14.00	15.00	1.00	<0.10			
AP_006	15.00	16.00	1.00	<0.10			
AP_006	16.00	17.00	1.00	<0.10			
AP_006	17.00	18.00	1.00	<0.10			
AP_006	18.00	19.00	1.00	<0.10			
AP_006	19.00	20.00	1.00	0.12			
AP_006	20.00	21.00	1.00	0.13			
AP_006	21.00	22.00	1.00	0.10			
AP_006	22.00	23.00	1.00	0.10			
AP_006	23.00	24.00	1.00	0.10			
AP_006	24.00	25.00	1.00	<0.10			
AP_006	25.00	26.00	1.00	<0.10			
AP_006	26.00	27.00	1.00	0.16			
AP_006	27.00	28.00	1.00	0.35			
AP_006	28.00	29.00	1.00	<0.10			
AP_006	29.00	30.00	1.00	0.10			
AP_006	30.00	31.00	1.00	<0.10			
AP_006	31.00	32.00	1.00	0.13			
AP_006	32.00	33.00	1.00	0.12			
AP_006	33.00	34.00	1.00	0.10			
AP_006	34.00	35.00	1.00	<0.10			
AP_006	35.00	36.00	1.00	<0.10			
AP_006	36.00	37.00	1.00	<0.10			
AP_006	37.00	38.00	1.00	<0.10			
AP_006	38.00	39.00	1.00	<0.10			
AP_006	39.00	40.00	1.00	<0.10			
AP_006	40.00	41.00	1.00	<0.10			
AP_006	41.00	42.00	1.00	<0.10			
AP_006	42.00	43.00	1.00	<0.10			
AP_006	43.00	44.00	1.00	<0.10			
AP_006	44.00	45.00	1.00	<0.10			
AP_006	45.00	46.00	1.00	<0.10			
AP_006	46.00	47.00	1.00	<0.10			
AP_006	47.00	48.00	1.00	<0.10			
AP_006	48.00	49.00	1.00	<0.10			
AP_006	49.00	50.00	1.00	<0.10			
AP_006	50.00	51.00	1.00	<0.10		<0.005	
AP_006	51.00	52.00	1.00	<0.10			
AP_006	52.00	53.00	1.00	<0.10		<0.005	
AP_006	53.00	54.00	1.00	<0.10			
AP_006	54.00	55.00	1.00	<0.10			
AP_006	55.00	56.00	1.00	<0.10			
AP_006	56.00	57.00	1.00	<0.10			
AP_006	57.00	58.00	1.00	<0.10			
AP_006	58.00	59.00	1.00	<0.10			
AP_006	59.00	60.00	1.00	<0.10			
AP_006	60.00	61.00	1.00	<0.10			
AP_006	61.00	62.00	1.00	<0.10			
AP_006	62.00	63.00	1.00	<0.10			
AP_007	0.00	1.00	1.00	<0.10			
AP_007	1.00	2.00	1.00	<0.10			
AP_007	2.00	3.00	1.00	<0.10			
AP_007	3.00	4.00	1.00	<0.10			

AP_007	4.00	5.00	1.00	<0.10			
AP_007	5.00	6.00	1.00	<0.10			
AP_007	6.00	7.00	1.00	<0.10			
AP_007	7.00	8.00	1.00	<0.10			
AP_007	8.00	9.00	1.00	<0.10			
AP_007	9.00	10.00	1.00	<0.10			
AP_007	10.00	11.00	1.00	<0.10			
AP_007	11.00	12.00	1.00	<0.10			
AP_007	12.00	13.00	1.00	<0.10			
AP_007	13.00	14.00	1.00	<0.10			
AP_007	14.00	15.00	1.00	<0.10			
AP_007	15.00	16.00	1.00	<0.10			
AP_007	16.00	17.00	1.00	0.10			
AP_007	17.00	18.00	1.00	<0.10			
AP_007	18.00	19.00	1.00	0.41			
AP_007	19.00	20.00	1.00	0.75			
AP_007	20.00	21.00	1.00	0.67			
AP_007	21.00	22.00	1.00	<0.10			
AP_007	22.00	23.00	1.00	<0.10			
AP_007	23.00	24.00	1.00	<0.10			
AP_007	24.00	25.00	1.00	<0.10			
AP_007	25.00	26.00	1.00	<0.10			
AP_007	26.00	27.00	1.00	<0.10			
AP_007	27.00	28.00	1.00	<0.10			
AP_007	28.00	29.00	1.00	<0.10			
AP_007	29.00	30.00	1.00	<0.10			
AP_007	30.00	31.00	1.00	0.17			
AP_007	31.00	32.00	1.00	<0.10			
AP_007	32.00	33.00	1.00	<0.10			
AP_007	33.00	34.00	1.00	<0.10			
AP_007	34.00	35.00	1.00	<0.10			
AP_007	35.00	36.00	1.00	<0.10			
AP_007	36.00	37.00	1.00	<0.10			
AP_007	37.00	38.00	1.00	0.11			
AP_007	38.00	39.00	1.00	<0.10			
AP_007	39.00	40.00	1.00	0.55			
AP_007	40.00	41.00	1.00	0.17			
AP_007	41.00	42.00	1.00	<0.10			
AP_007	42.00	43.00	1.00	<0.10			
AP_007	43.00	44.00	1.00	<0.10			
AP_007	44.00	45.00	1.00	<0.10			
AP_007	45.00	46.00	1.00	<0.10			
AP_007	46.00	47.00	1.00	<0.10			
AP_007	47.00	48.00	1.00	<0.10			
AP_007	48.00	49.00	1.00	<0.10			
AP_007	49.00	50.00	1.00	<0.10			
AP_007	50.00	51.00	1.00	<0.10			
AP_007	51.00	52.00	1.00	<0.10			
AP_007	52.00	53.00	1.00	<0.10			
AP_007	53.00	54.00	1.00	<0.10			
AP_007	54.00	55.00	1.00	<0.10			
AP_007	55.00	56.00	1.00	<0.10			
AP_007	56.00	57.00	1.00	<0.10			
AP_007	57.00	58.00	1.00	<0.10			
AP_007	58.00	59.00	1.00	<0.10			
AP_007	59.00	60.00	1.00	<0.10			
AP_008	0.00	1.00	1.00	0.38		0.02	
AP_008	1.00	2.00	1.00	<0.10		0.03	

AP_008	2.00	3.00	1.00	<0.10		0.03	
AP_008	3.00	4.00	1.00	0.28		0.04	
AP_008	4.00	5.00	1.00	<0.10		0.03	
AP_008	5.00	6.00	1.00	4.66		0.02	
AP_008	6.00	7.00	1.00	<0.10		0.03	
AP_008	7.00	8.00	1.00	<0.10		0.04	
AP_008	8.00	9.00	1.00	0.12		0.08	
AP_008	9.00	10.00	1.00	0.12		0.23	
AP_008	10.00	11.00	1.00	0.16		0.12	
AP_008	11.00	12.00	1.00	0.11		0.04	
AP_008	12.00	13.00	1.00	1.20		1.21	
AP_008	13.00	14.00	1.00	<0.10		0.02	
AP_008	14.00	15.00	1.00	<0.10		0.01	
AP_008	15.00	16.00	1.00	<0.10		0.02	
AP_008	16.00	17.00	1.00	<0.10		0.03	
AP_008	17.00	18.00	1.00	<0.10		0.02	
AP_008	18.00	19.00	1.00	<0.10		0.03	
AP_008	19.00	20.00	1.00	<0.10		0.04	
AP_008	20.00	21.00	1.00	<0.10		0.07	
AP_008	21.00	22.00	1.00	<0.10		0.01	
AP_008	22.00	23.00	1.00	<0.10		0.01	
AP_008	23.00	24.00	1.00	0.30		0.36	
AP_008	24.00	25.00	1.00	0.63		0.64	
AP_008	25.00	26.00	1.00	0.15		0.11	
AP_008	26.00	27.00	1.00	<0.10		0.05	
AP_008	27.00	28.00	1.00	<0.10			
AP_008	28.00	29.00	1.00	<0.10		0.05	
AP_008	29.00	30.00	1.00	3.04		0.03	
AP_008	30.00	31.00	1.00	<0.10		0.02	
AP_008	31.00	32.00	1.00	<0.10		0.01	
AP_008	32.00	33.00	1.00	<0.10		0.03	
AP_008	33.00	34.00	1.00	<0.10		0.05	
AP_008	34.00	35.00	1.00	<0.10		0.03	
AP_008	35.00	36.00	1.00	<0.10		0.01	
AP_008	36.00	37.00	1.00	<0.10		0.03	
AP_008	37.00	38.00	1.00	<0.10		0.02	
AP_008	38.00	39.00	1.00	0.10		0.08	
AP_008	39.00	40.00	1.00	<0.10		0.04	
AP_008	40.00	41.00	1.00	<0.10		0.03	
AP_008	41.00	42.00	1.00	<0.10		0.07	
AP_008	42.00	43.00	1.00	<0.10		0.05	
AP_008	43.00	44.00	1.00	0.13		0.13	
AP_008	44.00	45.00	1.00	>20.0	132.29	>10	140.57
AP_008	45.00	46.00	1.00	>20.0	130.52	>10	67.83
AP_008	46.00	47.00	1.00	1.42		0.88	
AP_008	47.00	48.00	1.00	1.03		0.97	
AP_008	48.00	49.00	1.00	0.27		0.33	
AP_008	49.00	50.00	1.00	0.30		0.55	
AP_008	50.00	51.00	1.00	0.53		0.41	
AP_008	51.00	52.00	1.00	0.60		0.56	
AP_008	52.00	53.00	1.00	0.42		0.47	
AP_008	53.00	54.00	1.00	0.18		0.19	
AP_008	54.00	55.00	1.00	0.84		0.71	
AP_008	55.00	56.00	1.00	0.88		0.82	
AP_008	56.00	57.00	1.00	0.80		0.90	
AP_008	57.00	58.00	1.00	0.54		0.48	
AP_008	58.00	59.00	1.00	1.08		1.21	
AP_008	59.00	60.00	1.00	0.43		0.28	

AP_008	60.00	61.00	1.00	0.14		0.10	
AP_008	61.00	62.00	1.00	0.28		0.20	
AP_008	62.00	63.00	1.00	0.21			
AP_009	0.00	1.00	1.00	<0.10			
AP_009	1.00	2.00	1.00	<0.10			
AP_009	2.00	3.00	1.00	<0.10			
AP_009	3.00	4.00	1.00	<0.10			
AP_009	4.00	5.00	1.00	<0.10			
AP_009	5.00	6.00	1.00	<0.10			
AP_009	6.00	7.00	1.00	<0.10			
AP_009	7.00	8.00	1.00	<0.10			
AP_009	8.00	9.00	1.00	<0.10			
AP_009	9.00	10.00	1.00	<0.10			
AP_009	10.00	11.00	1.00	<0.10			
AP_009	11.00	12.00	1.00	<0.10			
AP_009	12.00	13.00	1.00	<0.10			
AP_009	13.00	14.00	1.00	<0.10			
AP_009	14.00	15.00	1.00	0.34			
AP_009	15.00	16.00	1.00	<0.10			
AP_009	16.00	17.00	1.00	<0.10			
AP_009	17.00	18.00	1.00	<0.10			
AP_009	18.00	19.00	1.00	0.11			
AP_009	19.00	20.00	1.00	<0.10			
AP_009	20.00	21.00	1.00	<0.10			
AP_009	21.00	22.00	1.00	<0.10			
AP_009	22.00	23.00	1.00	<0.10			
AP_009	23.00	24.00	1.00	<0.10			
AP_009	24.00	25.00	1.00	<0.10			
AP_009	25.00	26.00	1.00	<0.10			
AP_009	26.00	27.00	1.00	<0.10			
AP_009	27.00	28.00	1.00	<0.10			
AP_009	28.00	29.00	1.00	<0.10			
AP_009	29.00	30.00	1.00	<0.10			
AP_009	30.00	31.00	1.00	<0.10			
AP_009	31.00	32.00	1.00	0.15			
AP_009	32.00	33.00	1.00	0.13			
AP_009	33.00	34.00	1.00	0.15			
AP_009	34.00	35.00	1.00	0.16			
AP_009	35.00	36.00	1.00	0.46			
AP_009	36.00	37.00	1.00	0.20			
AP_009	37.00	38.00	1.00	0.33			
AP_009	38.00	39.00	1.00	0.13			
AP_009	39.00	40.00	1.00	<0.10			
AP_009	40.00	41.00	1.00	0.10			
AP_009	41.00	42.00	1.00	<0.10			
AP_009	42.00	43.00	1.00	<0.10			
AP_009	43.00	44.00	1.00	0.12			
AP_009	44.00	45.00	1.00	<0.10			
AP_009	45.00	46.00	1.00	≤0.10			
AP_009	46.00	47.00	1.00	0.14			
AP_009	47.00	48.00	1.00	0.15			
AP_009	48.00	49.00	1.00	0.16			
AP_009	49.00	50.00	1.00	<0.10			
AP_009	50.00	51.00	1.00	≤0.10			
AP_009	51.00	52.00	1.00	<0.10			
AP_009	52.00	53.00	1.00	<0.10			
AP_009	53.00	54.00	1.00	<0.10			
AP_009	54.00	55.00	1.00	<0.10			

AP_009	55.00	56.00	1.00	0.33			
AP_009	56.00	57.00	1.00	0.13			
AP_009	57.00	58.00	1.00	<0.10			
AP_009	58.00	59.00	1.00	<0.10			
AP_009	59.00	60.00	1.00	<0.10			
AP_009	60.00	61.00	1.00	<0.10			
AP_009	61.00	62.00	1.00	0.10			
AP_009	62.00	63.00	1.00	<0.10			
AP_010	0.00	1.00	1.00	<0.10			
AP_010	1.00	2.00	1.00	<0.10			
AP_010	2.00	3.00	1.00	<0.10			
AP_010	3.00	4.00	1.00	<0.10			
AP_010	4.00	5.00	1.00	<0.10			
AP_010	5.00	6.00	1.00	<0.10			
AP_010	6.00	7.00	1.00	<0.10			
AP_010	7.00	8.00	1.00	0.14			
AP_010	8.00	9.00	1.00	<0.10			
AP_010	9.00	10.00	1.00	<0.10			
AP_010	10.00	11.00	1.00	<0.10			
AP_010	11.00	12.00	1.00	0.12			
AP_010	12.00	13.00	1.00	<0.10			
AP_010	13.00	14.00	1.00	<0.10			
AP_010	14.00	15.00	1.00	<0.10			
AP_010	15.00	16.00	1.00	<0.10			
AP_010	16.00	17.00	1.00	<0.10			
AP_010	17.00	18.00	1.00	<0.10			
AP_010	18.00	19.00	1.00	<0.10			
AP_010	19.00	20.00	1.00	<0.10			
AP_010	20.00	21.00	1.00	0.14			
AP_010	21.00	22.00	1.00	<0.10			
AP_010	22.00	23.00	1.00	<0.10			
AP_010	23.00	24.00	1.00	<0.10			
AP_010	24.00	25.00	1.00	<0.10			
AP_010	25.00	26.00	1.00	<0.10			
AP_010	26.00	27.00	1.00	<0.10			
AP_010	27.00	28.00	1.00	<0.10			
AP_010	28.00	29.00	1.00	<0.10			
AP_010	29.00	30.00	1.00	<0.10			
AP_010	30.00	31.00	1.00	<0.10			
AP_010	31.00	32.00	1.00	<0.10			
AP_010	32.00	33.00	1.00	<0.10			
AP_010	33.00	34.00	1.00	<0.10			
AP_010	34.00	35.00	1.00	<0.10			
AP_010	35.00	36.00	1.00	<0.10			
AP_010	36.00	37.00	1.00	<0.10			
AP_010	37.00	38.00	1.00	<0.10			
AP_010	38.00	39.00	1.00	<0.10			
AP_010	39.00	40.00	1.00	<0.10			
AP_010	40.00	41.00	1.00	<0.10			
AP_010	41.00	42.00	1.00	0.11			
AP_010	42.00	43.00	1.00	<0.10			
AP_010	43.00	44.00	1.00	<0.10			
AP_010	44.00	45.00	1.00	<0.10			
AP_010	45.00	46.00	1.00	<0.10			
AP_010	46.00	47.00	1.00	<0.10			
AP_010	47.00	48.00	1.00	<0.10			
AP_010	48.00	49.00	1.00	<0.10			
AP_010	49.00	50.00	1.00	0.13			

AP_010	50.00	51.00	1.00	0.15			
AP_010	51.00	52.00	1.00	<0.10			
AP_010	52.00	53.00	1.00	<0.10			
AP_010	53.00	54.00	1.00	<0.10			
AP_010	54.00	55.00	1.00	<0.10			
AP_010	55.00	56.00	1.00	<0.10			
AP_010	56.00	57.00	1.00	<0.10			
AP_010	57.00	58.00	1.00	<0.10			
AP_010	58.00	59.00	1.00	<0.10			
AP_010	59.00	60.00	1.00	<0.10			
AP_010	60.00	61.00	1.00	<0.10			
AP_010	61.00	62.00	1.00	<0.10			
AP_011	0.00	1.00	1.00	<0.10			
AP_011	1.00	2.00	1.00	<0.10			
AP_011	2.00	3.00	1.00	<0.10			
AP_011	3.00	4.00	1.00	<0.10			
AP_011	4.00	5.00	1.00	<0.10			
AP_011	5.00	6.00	1.00	<0.10			
AP_011	6.00	7.00	1.00	<0.10			
AP_011	7.00	8.00	1.00	<0.10			
AP_011	8.00	9.00	1.00	<0.10			
AP_011	9.00	10.00	1.00	<0.10			
AP_011	10.00	11.00	1.00	<0.10			
AP_011	11.00	12.00	1.00	<0.10			
AP_011	12.00	13.00	1.00	<0.10			
AP_011	13.00	14.00	1.00	<0.10			
AP_011	14.00	15.00	1.00	<0.10			
AP_011	15.00	16.00	1.00	<0.10			
AP_011	16.00	17.00	1.00	<0.10			
AP_011	17.00	18.00	1.00	<0.10			
AP_011	18.00	19.00	1.00	<0.10			
AP_011	19.00	20.00	1.00	<0.10			
AP_011	20.00	21.00	1.00	<0.10			
AP_011	21.00	22.00	1.00	<0.10			
AP_011	22.00	23.00	1.00	<0.10			
AP_011	23.00	24.00	1.00	<0.10			
AP_011	24.00	25.00	1.00	<0.10			
AP_011	25.00	26.00	1.00	<0.10			
AP_011	26.00	27.00	1.00	<0.10			
AP_011	27.00	28.00	1.00	<0.10			
AP_011	28.00	29.00	1.00	<0.10			
AP_011	29.00	30.00	1.00	<0.10			
AP_011	30.00	31.00	1.00	<0.10			
AP_011	31.00	32.00	1.00	<0.10			
AP_011	32.00	33.00	1.00	<0.10			
AP_011	33.00	34.00	1.00	<0.10			
AP_011	34.00	35.00	1.00	<0.10			
AP_011	35.00	36.00	1.00	<0.10			
AP_011	36.00	37.00	1.00	<0.10			
AP_011	37.00	38.00	1.00	<0.10			
AP_011	38.00	39.00	1.00	<0.10			
AP_011	39.00	40.00	1.00	<0.10			
AP_011	40.00	41.00	1.00	<0.10			
AP_011	41.00	42.00	1.00	<0.10			
AP_011	42.00	43.00	1.00	<0.10			
AP_011	43.00	44.00	1.00	<0.10			
AP_011	44.00	45.00	1.00	<0.10			
AP_011	45.00	46.00	1.00	<0.10			

AP_011	46.00	47.00	1.00	<0.10			
AP_011	47.00	48.00	1.00	<0.10			
AP_011	48.00	49.00	1.00	<0.10			
AP_011	49.00	50.00	1.00	<0.10			
AP_011	50.00	51.00	1.00	<0.10			
AP_011	51.00	52.00	1.00	<0.10			
AP_011	52.00	53.00	1.00	<0.10			
AP_011	53.00	54.00	1.00	<0.10			
AP_011	54.00	55.00	1.00	<0.10			
AP_011	55.00	56.00	1.00	0.10			
AP_011	56.00	57.00	1.00	0.12			
AP_011	57.00	58.00	1.00	0.16			
AP_011	58.00	59.00	1.00	<0.10			
AP_011	59.00	60.00	1.00	<0.10			
AP_011	60.00	61.00	1.00	0.27			
AP_011	61.00	62.00	1.00	0.24			
AP_011	62.00	63.00	1.00	0.49			
AP_012	0.00	1.00	1.00	<0.10			
AP_012	1.00	2.00	1.00	<0.10			
AP_012	2.00	3.00	1.00	<0.10			
AP_012	3.00	4.00	1.00	<0.10			
AP_012	4.00	5.00	1.00	<0.10			
AP_012	5.00	6.00	1.00	<0.10			
AP_012	6.00	7.00	1.00	<0.10			
AP_012	7.00	8.00	1.00	<0.10			
AP_012	8.00	9.00	1.00	<0.10			
AP_012	9.00	10.00	1.00	<0.10			
AP_012	10.00	11.00	1.00	<0.10			
AP_012	11.00	12.00	1.00	<0.10			
AP_012	12.00	13.00	1.00	<0.10			
AP_012	13.00	14.00	1.00	<0.10			
AP_012	14.00	15.00	1.00	<0.10			
AP_012	15.00	16.00	1.00	<0.10			
AP_012	16.00	17.00	1.00	<0.10			
AP_012	17.00	18.00	1.00	<0.10			
AP_012	18.00	19.00	1.00	<0.10			
AP_012	19.00	20.00	1.00	<0.10			
AP_012	20.00	21.00	1.00	<0.10			
AP_012	21.00	22.00	1.00	<0.10			
AP_012	22.00	23.00	1.00	<0.10			
AP_012	23.00	24.00	1.00	<0.10			
AP_012	24.00	25.00	1.00	<0.10			
AP_012	25.00	26.00	1.00	<0.10			
AP_012	26.00	27.00	1.00	<0.10			
AP_012	27.00	28.00	1.00	<0.10			
AP_012	28.00	29.00	1.00	<0.10			
AP_012	29.00	30.00	1.00	<0.10			
AP_012	30.00	31.00	1.00	<0.10			
AP_012	31.00	32.00	1.00	<0.10			
AP_012	32.00	33.00	1.00	<0.10			
AP_012	33.00	34.00	1.00	<0.10			
AP_012	34.00	35.00	1.00	<0.10			
AP_012	35.00	36.00	1.00	<0.10			
AP_012	36.00	37.00	1.00	<0.10			
AP_012	37.00	38.00	1.00	<0.10			
AP_012	38.00	39.00	1.00	<0.10			
AP_012	39.00	40.00	1.00	<0.10			
AP_012	40.00	41.00	1.00	<0.10			

AP_012	41.00	42.00	1.00	<0.10			
AP_012	42.00	43.00	1.00	<0.10			
AP_012	43.00	44.00	1.00	<0.10			
AP_012	44.00	45.00	1.00	<0.10			
AP_012	45.00	46.00	1.00	<0.10			
AP_012	46.00	47.00	1.00	<0.10			
AP_012	47.00	48.00	1.00	<0.10			
AP_012	48.00	49.00	1.00	<0.10			
AP_012	49.00	50.00	1.00	<0.10			
AP_012	50.00	51.00	1.00	<0.10			
AP_012	51.00	52.00	1.00	<0.10			
AP_012	52.00	53.00	1.00	<0.10			
AP_012	53.00	54.00	1.00	<0.10			
AP_012	54.00	55.00	1.00	<0.10			
AP_012	55.00	56.00	1.00	<0.10			
AP_012	56.00	57.00	1.00	<0.10			
AP_012	57.00	58.00	1.00	<0.10			
AP_012	58.00	59.00	1.00	<0.10			
AP_012	59.00	60.00	1.00	<0.10			
AP_012	60.00	61.00	1.00	<0.10			
AP_012	61.00	62.00	1.00	<0.10			
AP_012	62.00	63.00	1.00	<0.10			
AP_013	0.00	1.00	1.00	<0.10			
AP_013	1.00	2.00	1.00	<0.10			
AP_013	2.00	3.00	1.00	<0.10			
AP_013	3.00	4.00	1.00	<0.10			
AP_013	4.00	5.00	1.00	<0.10			
AP_013	5.00	6.00	1.00	<0.10			
AP_013	6.00	7.00	1.00	<0.10			
AP_013	7.00	8.00	1.00	<0.10			
AP_013	8.00	9.00	1.00	<0.10			
AP_013	9.00	10.00	1.00	<0.10			
AP_013	10.00	11.00	1.00	<0.10			
AP_013	11.00	12.00	1.00	<0.10			
AP_013	12.00	13.00	1.00	<0.10			
AP_013	13.00	14.00	1.00	<0.10			
AP_013	14.00	15.00	1.00	<0.10			
AP_013	15.00	16.00	1.00	<0.10			
AP_013	16.00	17.00	1.00	<0.10			
AP_013	17.00	18.00	1.00	<0.10			
AP_013	18.00	19.00	1.00	<0.10			
AP_013	19.00	20.00	1.00	<0.10			
AP_013	20.00	21.00	1.00	<0.10			
AP_013	21.00	22.00	1.00	<0.10			
AP_013	22.00	23.00	1.00	<0.10			
AP_013	23.00	24.00	1.00	<0.10			
AP_013	24.00	25.00	1.00	<0.10			
AP_013	25.00	26.00	1.00	<0.10			
AP_013	26.00	27.00	1.00	<0.10			
AP_013	27.00	28.00	1.00	<0.10			
AP_013	28.00	29.00	1.00	<0.10			
AP_013	29.00	30.00	1.00	<0.10			
AP_013	30.00	31.00	1.00	<0.10			
AP_013	31.00	32.00	1.00	<0.10			
AP_013	32.00	33.00	1.00	<0.10			
AP_013	33.00	34.00	1.00	<0.10			
AP_013	34.00	35.00	1.00	<0.10			
AP_013	35.00	36.00	1.00	<0.10			

AP_013	36.00	37.00	1.00	<0.10			
AP_013	37.00	38.00	1.00	<0.10			
AP_013	38.00	39.00	1.00	<0.10			
AP_013	39.00	40.00	1.00	<0.10			
AP_013	40.00	41.00	1.00	<0.10			
AP_013	41.00	42.00	1.00	<0.10			
AP_013	42.00	43.00	1.00	<0.10			
AP_013	43.00	44.00	1.00	<0.10			
AP_013	44.00	45.00	1.00	<0.10			
AP_013	45.00	46.00	1.00	<0.10			
AP_013	46.00	47.00	1.00	<0.10			
AP_013	47.00	48.00	1.00	<0.10			
AP_013	48.00	49.00	1.00	<0.10			
AP_013	49.00	50.00	1.00	<0.10			
AP_013	50.00	51.00	1.00	<0.10			
AP_013	51.00	52.00	1.00	<0.10			
AP_013	52.00	53.00	1.00	<0.10			
AP_013	53.00	54.00	1.00	<0.10			
AP_013	54.00	55.00	1.00	<0.10			
AP_013	55.00	56.00	1.00	<0.10			
AP_013	56.00	57.00	1.00	<0.10			
AP_013	57.00	58.00	1.00	<0.10			
AP_013	58.00	59.00	1.00	<0.10			
AP_013	59.00	60.00	1.00	<0.10			
AP_013	60.00	61.00	1.00	<0.10			
AP_013	61.00	62.00	1.00	<0.10			
AP_013	62.00	63.00	1.00	<0.10			
AP_013	63.00	64.00	1.00	0.30			
AP_014	0.00	1.00	1.00	<0.10			
AP_014	1.00	2.00	1.00	<0.10			
AP_014	2.00	3.00	1.00	<0.10			
AP_014	3.00	4.00	1.00	<0.10			
AP_014	4.00	5.00	1.00	<0.10			
AP_014	5.00	6.00	1.00	<0.10			
AP_014	6.00	7.00	1.00	<0.10			
AP_014	7.00	8.00	1.00	<0.10			
AP_014	8.00	9.00	1.00	<0.10			
AP_014	9.00	10.00	1.00	<0.10			
AP_014	10.00	11.00	1.00	<0.10			
AP_014	11.00	12.00	1.00	<0.10			
AP_014	12.00	13.00	1.00	<0.10		0.10	
AP_014	13.00	14.00	1.00	<0.10		0.05	
AP_014	14.00	15.00	1.00	<0.10		0.06	
AP_014	15.00	16.00	1.00	<0.10		0.04	
AP_014	16.00	17.00	1.00	<0.10		0.01	
AP_014	17.00	18.00	1.00	<0.10		0.03	
AP_014	18.00	19.00	1.00	<0.10		0.01	
AP_014	19.00	20.00	1.00	<0.10		0.04	
AP_014	20.00	21.00	1.00	<0.10		0.02	
AP_014	21.00	22.00	1.00	<0.10		0.04	
AP_014	22.00	23.00	1.00	<0.10		0.02	
AP_014	23.00	24.00	1.00	<0.10		0.01	
AP_014	24.00	25.00	1.00	<0.10		0.01	
AP_014	25.00	26.00	1.00	<0.10		<0.005	
AP_014	26.00	27.00	1.00	<0.10		<0.005	
AP_014	27.00	28.00	1.00	<0.10		0.01	
AP_014	28.00	29.00	1.00	<0.10		0.02	
AP_014	29.00	30.00	1.00	<0.10		0.02	

AP_014	30.00	31.00	1.00	<0.10		0.02	
AP_014	31.00	32.00	1.00	<0.10		0.04	
AP_014	32.00	33.00	1.00	<0.10		0.03	
AP_014	33.00	34.00	1.00	<0.10		0.01	
AP_014	34.00	35.00	1.00	<0.10		0.03	
AP_014	35.00	36.00	1.00	<0.10		0.01	
AP_014	36.00	37.00	1.00	<0.10		0.01	
AP_014	37.00	38.00	1.00	<0.10		0.01	
AP_014	38.00	39.00	1.00	<0.10		0.24	
AP_014	39.00	40.00	1.00	<0.10		0.17	
AP_014	40.00	41.00	1.00	<0.10		0.06	
AP_014	41.00	42.00	1.00	<0.10		0.03	
AP_014	42.00	43.00	1.00	<0.10		0.01	
AP_014	43.00	44.00	1.00	<0.10		0.01	
AP_014	44.00	45.00	1.00	<0.10		0.03	
AP_014	45.00	46.00	1.00	<0.10		0.04	
AP_014	46.00	47.00	1.00	<0.10		0.08	
AP_014	47.00	48.00	1.00	<0.10		0.20	
AP_014	48.00	49.00	1.00	<0.10		0.05	
AP_014	49.00	50.00	1.00	<0.10		0.04	
AP_014	50.00	51.00	1.00	<0.10		0.03	
AP_014	51.00	52.00	1.00	<0.10		0.23	
AP_014	52.00	53.00	1.00	<0.10		0.07	
AP_014	53.00	54.00	1.00	<0.10		0.01	
AP_014	54.00	55.00	1.00	<0.10		0.02	
AP_014	55.00	56.00	1.00	<0.10		0.02	
AP_014	56.00	57.00	1.00	<0.10		0.02	
AP_014	57.00	58.00	1.00	<0.10		0.02	
AP_014	58.00	59.00	1.00	<0.10		0.08	
AP_014	59.00	60.00	1.00	<0.10		0.01	
AP_014	60.00	61.00	1.00	<0.10		0.02	
AP_014	61.00	62.00	1.00	<0.10		0.01	
AP_014	62.00	63.00	1.00	<0.10		0.01	
AP_015	0.00	1.00	1.00	<0.10			
AP_015	1.00	2.00	1.00	<0.10			
AP_015	2.00	3.00	1.00	<0.10			
AP_015	3.00	4.00	1.00	<0.10			
AP_015	4.00	5.00	1.00	<0.10			
AP_015	5.00	6.00	1.00	<0.10			
AP_015	6.00	7.00	1.00	<0.10			
AP_015	7.00	8.00	1.00	<0.10			
AP_015	8.00	9.00	1.00	<0.10			
AP_015	9.00	10.00	1.00	<0.10			
AP_015	10.00	11.00	1.00	<0.10			
AP_015	11.00	12.00	1.00	<0.10			
AP_015	12.00	13.00	1.00	<0.10			
AP_015	13.00	14.00	1.00	<0.10			
AP_015	14.00	15.00	1.00	<0.10		0.13	
AP_015	15.00	16.00	1.00	<0.10		0.09	
AP_015	16.00	17.00	1.00	<0.10		0.05	
AP_015	17.00	18.00	1.00	<0.10		0.07	
AP_015	18.00	19.00	1.00	0.64			
AP_015	19.00	20.00	1.00	0.25			
AP_015	20.00	21.00	1.00	0.25			
AP_015	21.00	22.00	1.00	0.90			
AP_015	22.00	23.00	1.00	0.76			
AP_015	23.00	24.00	1.00	0.25			
AP_015	24.00	25.00	1.00	0.83			

AP_015	25.00	26.00	1.00	0.17			
AP_015	26.00	27.00	1.00	<0.10			
AP_015	27.00	28.00	1.00	0.16			
AP_015	28.00	29.00	1.00	<0.10			
AP_015	29.00	30.00	1.00	<0.10			
AP_015	30.00	31.00	1.00	<0.10			
AP_015	31.00	32.00	1.00	<0.10			
AP_015	32.00	33.00	1.00	<0.10			
AP_015	33.00	34.00	1.00	<0.10			
AP_015	34.00	35.00	1.00	<0.10			
AP_015	35.00	36.00	1.00	<0.10			
AP_015	36.00	37.00	1.00	<0.10			
AP_015	37.00	38.00	1.00	<0.10			
AP_015	38.00	39.00	1.00	<0.10			
AP_015	39.00	40.00	1.00	<0.10			
AP_015	40.00	41.00	1.00	<0.10			
AP_015	41.00	42.00	1.00	<0.10			
AP_015	42.00	43.00	1.00	<0.10			
AP_015	43.00	44.00	1.00	<0.10			
AP_015	44.00	45.00	1.00	<0.10			
AP_015	45.00	46.00	1.00	<0.10			
AP_015	46.00	47.00	1.00	<0.10			
AP_015	47.00	48.00	1.00	<0.10			
AP_015	48.00	49.00	1.00	<0.10			
AP_015	49.00	50.00	1.00	<0.10			
AP_015	50.00	51.00	1.00	<0.10			
AP_015	51.00	52.00	1.00	<0.10			
AP_015	52.00	53.00	1.00	<0.10			
AP_015	53.00	54.00	1.00	<0.10			
AP_015	54.00	55.00	1.00	<0.10			
AP_015	55.00	56.00	1.00	<0.10			
AP_015	56.00	57.00	1.00	<0.10			
AP_015	57.00	58.00	1.00	<0.10			
AP_015	58.00	59.00	1.00	<0.10			
AP_015	59.00	60.00	1.00	<0.10			
AP_015	60.00	61.00	1.00	<0.10			
AP_015	61.00	62.00	1.00	<0.10			
AP_015	62.00	63.00	1.00	<0.10			
AP_016	0.00	1.00	1.00	<0.10			
AP_016	1.00	2.00	1.00	<0.10			
AP_016	2.00	3.00	1.00	<0.10			
AP_016	3.00	4.00	1.00	<0.10			
AP_016	4.00	5.00	1.00	<0.10			
AP_016	5.00	6.00	1.00	<0.10			
AP_016	6.00	7.00	1.00	<0.10			
AP_016	7.00	8.00	1.00	<0.10			
AP_016	8.00	9.00	1.00	<0.10			
AP_016	9.00	10.00	1.00	<0.10			
AP_016	10.00	11.00	1.00	0.11			
AP_016	11.00	12.00	1.00	0.20			
AP_016	12.00	13.00	1.00	0.53			
AP_016	13.00	14.00	1.00	<0.10			
AP_016	14.00	15.00	1.00	0.12			
AP_016	15.00	16.00	1.00	0.11			
AP_016	16.00	17.00	1.00	<0.10			
AP_016	17.00	18.00	1.00	<0.10			
AP_016	18.00	19.00	1.00	<0.10			
AP_016	19.00	20.00	1.00	<0.10			

AP_016	20.00	21.00	1.00	<0.10			
AP_016	21.00	22.00	1.00	0.15			
AP_016	22.00	23.00	1.00	0.24			
AP_016	23.00	24.00	1.00	<0.10			
AP_016	24.00	25.00	1.00	<0.10			
AP_016	25.00	26.00	1.00	0.11			
AP_016	26.00	27.00	1.00	<0.10			
AP_016	27.00	28.00	1.00	<0.10			
AP_016	28.00	29.00	1.00	<0.10			
AP_016	29.00	30.00	1.00	<0.10			
AP_016	30.00	31.00	1.00	<0.10			
AP_016	31.00	32.00	1.00	<0.10			
AP_016	32.00	33.00	1.00	<0.10			
AP_016	33.00	34.00	1.00	0.16			
AP_016	34.00	35.00	1.00	<0.10			
AP_016	35.00	36.00	1.00	<0.10			
AP_016	36.00	37.00	1.00	0.10			
AP_016	37.00	38.00	1.00	<0.10			
AP_016	38.00	39.00	1.00	<0.10			
AP_016	39.00	40.00	1.00	≤0.10			
AP_016	40.00	41.00	1.00	0.24			
AP_016	41.00	42.00	1.00	0.14			
AP_016	42.00	43.00	1.00	0.10			
AP_016	43.00	44.00	1.00	0.13			
AP_016	44.00	45.00	1.00	<0.10			
AP_016	45.00	46.00	1.00	<0.10			
AP_016	46.00	47.00	1.00	<0.10			
AP_016	47.00	48.00	1.00	0.13			
AP_016	48.00	49.00	1.00	0.12			
AP_016	49.00	50.00	1.00	0.12			
AP_016	50.00	51.00	1.00	0.15			
AP_016	51.00	52.00	1.00	<0.10			
AP_016	52.00	53.00	1.00	<0.10			
AP_016	53.00	54.00	1.00	<0.10			
AP_016	54.00	55.00	1.00	<0.10			
AP_016	55.00	56.00	1.00	<0.10			
AP_016	56.00	57.00	1.00	<0.10			
AP_016	57.00	58.00	1.00	<0.10			
AP_016	58.00	59.00	1.00	<0.10			
AP_016	59.00	60.00	1.00	<0.10			
AP_016	60.00	61.00	1.00	<0.10			
AP_016	61.00	62.00	1.00	<0.10			
AP_016	62.00	63.00	1.00	0.24			
AP_017	0.00	1.00	1.00	<0.10			
AP_017	1.00	2.00	1.00	<0.10			
AP_017	2.00	3.00	1.00	<0.10			
AP_017	3.00	4.00	1.00	<0.10			
AP_017	4.00	5.00	1.00	<0.10			
AP_017	5.00	6.00	1.00	<0.10			
AP_017	6.00	7.00	1.00	<0.10			
AP_017	7.00	8.00	1.00	<0.10			
AP_017	8.00	9.00	1.00	<0.10			
AP_017	9.00	10.00	1.00	<0.10			
AP_017	10.00	11.00	1.00	<0.10			
AP_017	11.00	12.00	1.00	<0.10			
AP_017	12.00	13.00	1.00	<0.10			
AP_017	13.00	14.00	1.00	<0.10			
AP_017	14.00	15.00	1.00	<0.10			

AP_017	15.00	16.00	1.00	<0.10			
AP_017	16.00	17.00	1.00	0.15			
AP_017	17.00	18.00	1.00	<0.10			
AP_017	18.00	19.00	1.00	<0.10			
AP_017	19.00	20.00	1.00	<0.10			
AP_017	20.00	21.00	1.00	<0.10			
AP_017	21.00	22.00	1.00	<0.10			
AP_017	22.00	23.00	1.00	<0.10			
AP_017	23.00	24.00	1.00	0.10			
AP_017	24.00	25.00	1.00	<0.10			
AP_017	25.00	26.00	1.00	<0.10			
AP_017	26.00	27.00	1.00	<0.10			
AP_017	27.00	28.00	1.00	<0.10			
AP_017	28.00	29.00	1.00	<0.10			
AP_017	29.00	30.00	1.00	<0.10			
AP_017	30.00	31.00	1.00	0.11			
AP_017	31.00	32.00	1.00	<0.10			
AP_017	32.00	33.00	1.00	<0.10			
AP_017	33.00	34.00	1.00	<0.10			
AP_017	34.00	35.00	1.00	<0.10			
AP_017	35.00	36.00	1.00	<0.10			
AP_017	36.00	37.00	1.00	<0.10			
AP_017	37.00	38.00	1.00	0.15			
AP_017	38.00	39.00	1.00	0.11			
AP_017	39.00	40.00	1.00	<0.10			
AP_017	40.00	41.00	1.00	0.12			
AP_017	41.00	42.00	1.00	0.12			
AP_017	42.00	43.00	1.00	0.18			
AP_017	43.00	44.00	1.00	<0.10			
AP_017	44.00	45.00	1.00	≤0.10			
AP_017	45.00	46.00	1.00	<0.10			
AP_017	46.00	47.00	1.00	<0.10			
AP_017	47.00	48.00	1.00	0.11			
AP_017	48.00	49.00	1.00	≤0.10			
AP_017	49.00	50.00	1.00	≤0.10			
AP_017	50.00	51.00	1.00	<0.10			
AP_017	51.00	52.00	1.00	0.38			
AP_017	52.00	53.00	1.00	≤0.10			
AP_017	53.00	54.00	1.00	<0.10			
AP_017	54.00	55.00	1.00	<0.10			
AP_017	55.00	56.00	1.00	<0.10			
AP_017	56.00	57.00	1.00	<0.10			
AP_017	57.00	58.00	1.00	<0.10			
AP_017	58.00	59.00	1.00	0.14			
AP_017	59.00	60.00	1.00	<0.10			
AP_017	60.00	61.00	1.00	<0.10			
AP_017	61.00	62.00	1.00	<0.10			
AP_017	62.00	63.00	1.00	<0.10			
AP_018	0.00	1.00	1.00	<0.10			
AP_018	1.00	2.00	1.00	<0.10			
AP_018	2.00	3.00	1.00	<0.10			
AP_018	3.00	4.00	1.00	<0.10			
AP_018	4.00	5.00	1.00	<0.10			
AP_018	5.00	6.00	1.00	0.28			
AP_018	6.00	7.00	1.00	0.28			
AP_018	7.00	8.00	1.00	0.28			
AP_018	8.00	9.00	1.00	0.28			
AP_018	9.00	10.00	1.00	0.28			

AP_018	10.00	11.00	1.00	<0.10			
AP_018	11.00	12.00	1.00	<0.10			
AP_018	12.00	13.00	1.00	<0.10			
AP_018	13.00	14.00	1.00	<0.10			
AP_018	14.00	15.00	1.00	<0.10			
AP_018	15.00	16.00	1.00	<0.10			
AP_018	16.00	17.00	1.00	<0.10			
AP_018	17.00	18.00	1.00	<0.10		0.11	
AP_018	18.00	19.00	1.00	<0.10			
AP_018	19.00	20.00	1.00	<0.10			
AP_018	20.00	21.00	1.00	<0.10			
AP_018	21.00	22.00	1.00	<0.10			
AP_018	22.00	23.00	1.00	<0.10			
AP_018	23.00	24.00	1.00	<0.10			
AP_018	24.00	25.00	1.00	<0.10			
AP_018	25.00	26.00	1.00	<0.10			
AP_018	26.00	27.00	1.00	<0.10			
AP_018	27.00	28.00	1.00	<0.10			
AP_018	28.00	29.00	1.00	<0.10			
AP_018	29.00	30.00	1.00	<0.10		0.03	
AP_018	30.00	31.00	1.00	<0.10		0.02	
AP_018	31.00	32.00	1.00	<0.10			
AP_018	32.00	33.00	1.00	<0.10			
AP_018	33.00	34.00	1.00	<0.10			
AP_018	34.00	35.00	1.00	<0.10			
AP_018	35.00	36.00	1.00	<0.10			
AP_018	36.00	37.00	1.00	<0.10			
AP_018	37.00	38.00	1.00	<0.10			
AP_018	38.00	39.00	1.00	<0.10			
AP_018	39.00	40.00	1.00	<0.10			
AP_018	40.00	41.00	1.00	<0.10			
AP_018	41.00	42.00	1.00	<0.10			
AP_018	42.00	43.00	1.00	0.13			
AP_018	43.00	44.00	1.00	<0.10			
AP_018	44.00	45.00	1.00	<0.10			
AP_018	45.00	46.00	1.00	<0.10			
AP_018	46.00	47.00	1.00	<0.10			
AP_018	47.00	48.00	1.00	<0.10			
AP_018	48.00	49.00	1.00	<0.10			
AP_018	49.00	50.00	1.00	<0.10		0.01	
AP_018	50.00	51.00	1.00	<0.10			
AP_018	51.00	52.00	1.00	<0.10			
AP_018	52.00	53.00	1.00	<0.10			
AP_018	53.00	54.00	1.00	<0.10			
AP_018	54.00	55.00	1.00	<0.10			
AP_018	55.00	56.00	1.00	<0.10		0.02	
AP_018	56.00	57.00	1.00	<0.10			
AP_018	57.00	58.00	1.00	<0.10			
AP_018	58.00	59.00	1.00	<0.10			
AP_018	59.00	60.00	1.00	<0.10			
AP_018	60.00	61.00	1.00	<0.10			
AP_018	61.00	62.00	1.00	<0.10			
AP_018	62.00	63.00	1.00	<0.10			
AP_019	0.00	1.00	1.00	<0.10			
AP_019	1.00	2.00	1.00	<0.10			
AP_019	2.00	3.00	1.00	<0.10			
AP_019	3.00	4.00	1.00	<0.10			
AP_019	4.00	5.00	1.00	<0.10			

AP_019	5.00	6.00	1.00	<0.10			
AP_019	6.00	7.00	1.00	<0.10			
AP_019	7.00	8.00	1.00	<0.10			
AP_019	8.00	9.00	1.00	<0.10			
AP_019	9.00	10.00	1.00	<0.10			
AP_019	10.00	11.00	1.00	<0.10			
AP_019	11.00	12.00	1.00	<0.10			
AP_019	12.00	13.00	1.00	<0.10			
AP_019	13.00	14.00	1.00	<0.10			
AP_019	14.00	15.00	1.00	<0.10			
AP_019	15.00	16.00	1.00	<0.10			
AP_019	16.00	17.00	1.00	<0.10			
AP_019	17.00	18.00	1.00	<0.10			
AP_019	18.00	19.00	1.00	<0.10			
AP_019	19.00	20.00	1.00	<0.10			
AP_019	20.00	21.00	1.00	<0.10			
AP_019	21.00	22.00	1.00	<0.10			
AP_019	22.00	23.00	1.00	<0.10			
AP_019	23.00	24.00	1.00	<0.10			
AP_019	24.00	25.00	1.00	<0.10			
AP_019	25.00	26.00	1.00	<0.10			
AP_019	26.00	27.00	1.00	<0.10			
AP_019	27.00	28.00	1.00	<0.10		0.04	
AP_019	28.00	29.00	1.00	<0.10		0.02	
AP_019	29.00	30.00	1.00	<0.10		0.04	
AP_019	30.00	31.00	1.00	<0.10		0.01	
AP_019	31.00	32.00	1.00	<0.10		0.03	
AP_019	32.00	33.00	1.00	<0.10		0.03	
AP_019	33.00	34.00	1.00	<0.10		0.08	
AP_019	34.00	35.00	1.00	<0.10		0.05	
AP_019	35.00	36.00	1.00	<0.10		0.02	
AP_019	36.00	37.00	1.00	<0.10			
AP_019	37.00	38.00	1.00	<0.10			
AP_019	38.00	39.00	1.00	<0.10			
AP_019	39.00	40.00	1.00	<0.10			
AP_019	40.00	41.00	1.00	<0.10		0.01	
AP_019	41.00	42.00	1.00	<0.10		0.02	
AP_019	42.00	43.00	1.00	<0.10			
AP_019	43.00	44.00	1.00	<0.10			
AP_019	44.00	45.00	1.00	<0.10			
AP_019	45.00	46.00	1.00	<0.10			
AP_019	46.00	47.00	1.00	<0.10			
AP_019	47.00	48.00	1.00	<0.10			
AP_019	48.00	49.00	1.00	<0.10			
AP_019	49.00	50.00	1.00	<0.10			
AP_019	50.00	51.00	1.00	0.43		0.01	
AP_019	51.00	52.00	1.00	0.43		0.22	
AP_019	52.00	53.00	1.00	0.43		0.49	
AP_019	53.00	54.00	1.00	0.43		1.67	
AP_019	54.00	55.00	1.00	0.43		0.56	
AP_019	55.00	56.00	1.00	<0.10			
AP_019	56.00	57.00	1.00	<0.10			
AP_019	57.00	58.00	1.00	<0.10			
AP_019	58.00	59.00	1.00	<0.10			
AP_019	59.00	60.00	1.00	<0.10			
AP_019	60.00	61.00	1.00	<0.10			
AP_019	61.00	62.00	1.00	<0.10			
AP_019	62.00	63.00	1.00	<0.10			

AP_020	0.00	1.00	1.00	<0.10			
AP_020	1.00	2.00	1.00	<0.10			
AP_020	2.00	3.00	1.00	<0.10			
AP_020	3.00	4.00	1.00	<0.10			
AP_020	4.00	5.00	1.00	<0.10			
AP_020	5.00	6.00	1.00	<0.10		0.03	
AP_020	6.00	7.00	1.00	<0.10		0.02	
AP_020	7.00	8.00	1.00	<0.10		0.03	
AP_020	8.00	9.00	1.00	<0.10			
AP_020	9.00	10.00	1.00	<0.10			
AP_020	10.00	11.00	1.00	<0.10			
AP_020	11.00	12.00	1.00	<0.10			
AP_020	12.00	13.00	1.00	<0.10			
AP_020	13.00	14.00	1.00	<0.10			
AP_020	14.00	15.00	1.00	<0.10		0.03	
AP_020	15.00	16.00	1.00	0.35		0.36	
AP_020	16.00	17.00	1.00	0.35		0.26	
AP_020	17.00	18.00	1.00	0.35		0.60	
AP_020	18.00	19.00	1.00	0.35		0.35	
AP_020	19.00	20.00	1.00	0.35		0.06	
AP_020	20.00	21.00	1.00	0.40		0.15	
AP_020	21.00	22.00	1.00	0.40		0.12	
AP_020	22.00	23.00	1.00	0.40		0.43	
AP_020	23.00	24.00	1.00	0.40		1.14	
AP_020	24.00	25.00	1.00	0.40		0.55	
AP_020	25.00	26.00	1.00	<0.10		0.04	
AP_020	26.00	27.00	1.00	<0.10		0.04	
AP_020	27.00	28.00	1.00	<0.10		0.12	
AP_020	28.00	29.00	1.00	<0.10		0.04	
AP_020	29.00	30.00	1.00	<0.10		0.02	
AP_020	30.00	31.00	1.00	<0.10		0.01	
AP_020	31.00	32.00	1.00	<0.10		0.02	
AP_020	32.00	33.00	1.00	<0.10		0.04	
AP_020	33.00	34.00	1.00	<0.10		0.03	
AP_020	34.00	35.00	1.00	<0.10		0.02	
AP_020	35.00	36.00	1.00	<0.10		0.01	
AP_020	36.00	37.00	1.00	<0.10		0.01	
AP_020	37.00	38.00	1.00	<0.10		0.01	
AP_020	38.00	39.00	1.00	<0.10		0.02	
AP_020	39.00	40.00	1.00	<0.10		0.02	
AP_020	40.00	41.00	1.00	<0.10		0.02	
AP_020	41.00	42.00	1.00	<0.10		0.01	
AP_020	42.00	43.00	1.00	<0.10			
AP_020	43.00	44.00	1.00	<0.10			
AP_020	44.00	45.00	1.00	<0.10			
AP_020	45.00	46.00	1.00	<0.10			
AP_020	46.00	47.00	1.00	<0.10			
AP_020	47.00	48.00	1.00	<0.10			
AP_020	48.00	49.00	1.00	<0.10			
AP_020	49.00	50.00	1.00	<0.10			
AP_020	50.00	51.00	1.00	<0.10			
AP_020	51.00	52.00	1.00	<0.10			
AP_020	52.00	53.00	1.00	<0.10			
AP_020	53.00	54.00	1.00	<0.10			
AP_020	54.00	55.00	1.00	<0.10			
AP_020	55.00	56.00	1.00	<0.10			
AP_020	56.00	57.00	1.00	<0.10			
AP_020	57.00	58.00	1.00	<0.10			

AP_020	58.00	59.00	1.00	<0.10			
AP_020	59.00	60.00	1.00	<0.10			
AP_020	60.00	61.00	1.00	<0.10			
AP_020	61.00	62.00	1.00	<0.10			
AP_020	62.00	63.00	1.00	<0.10			
AP_021	0.00	1.00	1.00	0.13		0.02	
AP_021	1.00	2.00	1.00	0.13		0.01	
AP_021	2.00	3.00	1.00	0.13		0.01	
AP_021	3.00	4.00	1.00	0.13		0.02	
AP_021	4.00	5.00	1.00	0.13		0.01	
AP_021	5.00	6.00	1.00	<0.10		0.01	
AP_021	6.00	7.00	1.00	<0.10		0.01	
AP_021	7.00	8.00	1.00	<0.10		0.02	
AP_021	8.00	9.00	1.00	<0.10		0.01	
AP_021	9.00	10.00	1.00	<0.10		0.01	
AP_021	10.00	11.00	1.00	<0.10		0.02	
AP_021	11.00	12.00	1.00	<0.10		0.01	
AP_021	12.00	13.00	1.00	<0.10		0.02	
AP_021	13.00	14.00	1.00	<0.10		0.01	
AP_021	14.00	15.00	1.00	<0.10		0.02	
AP_021	15.00	16.00	1.00	<0.10		0.01	
AP_021	16.00	17.00	1.00	<0.10		0.01	
AP_021	17.00	18.00	1.00	<0.10		0.01	
AP_021	18.00	19.00	1.00	<0.10		0.02	
AP_021	19.00	20.00	1.00	<0.10		0.03	
AP_021	20.00	21.00	1.00	<0.10		0.02	
AP_021	21.00	22.00	1.00	<0.10		0.06	
AP_021	22.00	23.00	1.00	<0.10		0.04	
AP_021	23.00	24.00	1.00	<0.10		0.05	
AP_021	24.00	25.00	1.00	<0.10		0.04	
AP_021	25.00	26.00	1.00	0.20		0.19	
AP_021	26.00	27.00	1.00	0.20		0.14	
AP_021	27.00	28.00	1.00	0.20		0.13	
AP_021	28.00	29.00	1.00	0.20		0.13	
AP_021	29.00	30.00	1.00	0.20		0.27	
AP_021	30.00	31.00	1.00	<0.10		0.15	
AP_021	31.00	32.00	1.00	<0.10		0.11	
AP_021	32.00	33.00	1.00	<0.10		0.07	
AP_021	33.00	34.00	1.00	<0.10		0.06	
AP_021	34.00	35.00	1.00	<0.10		0.06	
AP_021	35.00	36.00	1.00	0.40		0.08	
AP_021	36.00	37.00	1.00	0.40		0.05	
AP_021	37.00	38.00	1.00	0.40		0.06	
AP_021	38.00	39.00	1.00	0.40		0.52	
AP_021	39.00	40.00	1.00	0.40		1.52	
AP_021	40.00	41.00	1.00	4.21		2.57	
AP_021	41.00	42.00	1.00	4.21		1.99	
AP_021	42.00	43.00	1.00	4.21		0.82	
AP_021	43.00	44.00	1.00	4.21		>10	11.10
AP_021	44.00	45.00	1.00	4.21		1.30	
AP_021	45.00	46.00	1.00	0.86		1.15	
AP_021	46.00	47.00	1.00	6.44		>10	10.23
AP_021	47.00	48.00	1.00	0.94		1.10	
AP_021	48.00	49.00	1.00	0.54		0.61	
AP_021	49.00	50.00	1.00	0.54		0.64	
AP_021	50.00	51.00	1.00	0.31		0.47	
AP_021	51.00	52.00	1.00	0.52		1.42	
AP_021	52.00	53.00	1.00	0.52		0.72	

AP_021	53.00	54.00	1.00	0.52		0.23	
AP_021	54.00	55.00	1.00	0.52		0.22	
AP_021	55.00	56.00	1.00	0.52		0.04	
AP_021	56.00	57.00	1.00	<0.10		0.07	
AP_021	57.00	58.00	1.00	<0.10		0.07	
AP_021	58.00	59.00	1.00	<0.10		0.05	
AP_021	59.00	60.00	1.00	<0.10		0.04	
AP_022	0.00	1.00	1.00	<0.10			
AP_022	1.00	2.00	1.00	<0.10			
AP_022	2.00	3.00	1.00	<0.10			
AP_022	3.00	4.00	1.00	<0.10			
AP_022	4.00	5.00	1.00	<0.10			
AP_022	5.00	6.00	1.00	<0.10			
AP_022	6.00	7.00	1.00	<0.10			
AP_022	7.00	8.00	1.00	<0.10			
AP_022	8.00	9.00	1.00	<0.10			
AP_022	9.00	10.00	1.00	<0.10			
AP_022	10.00	11.00	1.00	<0.10			
AP_022	11.00	12.00	1.00	<0.10			
AP_022	12.00	13.00	1.00	<0.10			
AP_022	13.00	14.00	1.00	<0.10			
AP_022	14.00	15.00	1.00	<0.10			
AP_022	15.00	16.00	1.00	<0.10			
AP_022	16.00	17.00	1.00	<0.10			
AP_022	17.00	18.00	1.00	<0.10			
AP_022	18.00	19.00	1.00	<0.10			
AP_022	19.00	20.00	1.00	<0.10			
AP_022	20.00	21.00	1.00	<0.10			
AP_022	21.00	22.00	1.00	<0.10			
AP_022	22.00	23.00	1.00	<0.10			
AP_022	23.00	24.00	1.00	<0.10		0.02	
AP_022	24.00	25.00	1.00	<0.10		0.01	
AP_022	25.00	26.00	1.00	<0.10		0.01	
AP_022	26.00	27.00	1.00	<0.10		<0.005	
AP_022	27.00	28.00	1.00	<0.10		0.01	
AP_022	28.00	29.00	1.00	<0.10			
AP_022	29.00	30.00	1.00	<0.10			
AP_022	30.00	31.00	1.00	<0.10			
AP_022	31.00	32.00	1.00	<0.10			
AP_022	32.00	33.00	1.00	<0.10			
AP_022	33.00	34.00	1.00	<0.10			
AP_022	34.00	35.00	1.00	<0.10			
AP_022	35.00	36.00	1.00	<0.10			
AP_022	36.00	37.00	1.00	<0.10			
AP_022	37.00	38.00	1.00	<0.10			
AP_022	38.00	39.00	1.00	<0.10			
AP_022	39.00	40.00	1.00	<0.10			
AP_022	40.00	41.00	1.00	<0.10			
AP_022	41.00	42.00	1.00	<0.10			
AP_022	42.00	43.00	1.00	<0.10			
AP_022	43.00	44.00	1.00	<0.10			
AP_022	44.00	45.00	1.00	<0.10			
AP_022	45.00	46.00	1.00	<0.10			
AP_022	46.00	47.00	1.00	<0.10			
AP_022	47.00	48.00	1.00	<0.10			
AP_022	48.00	49.00	1.00	<0.10			
AP_022	49.00	50.00	1.00	<0.10			
AP_022	50.00	51.00	1.00	<0.10			

AP_022	51.00	52.00	1.00	<0.10			
AP_022	52.00	53.00	1.00	<0.10			
AP_022	53.00	54.00	1.00	<0.10			
AP_022	54.00	55.00	1.00	<0.10			
AP_022	55.00	56.00	1.00	<0.10			
AP_022	56.00	57.00	1.00	<0.10			
AP_022	57.00	58.00	1.00	<0.10			
AP_022	58.00	59.00	1.00	<0.10			
AP_022	59.00	60.00	1.00	<0.10			
AP_022	60.00	61.00	1.00	<0.10			
AP_022	61.00	62.00	1.00	<0.10			
AP_022	62.00	63.00	1.00	<0.10			
AP_023	0.00	1.00	1.00	<0.10			
AP_023	1.00	2.00	1.00	<0.10			
AP_023	2.00	3.00	1.00	<0.10			
AP_023	3.00	4.00	1.00	<0.10			
AP_023	4.00	5.00	1.00	<0.10			
AP_023	5.00	6.00	1.00	<0.10			
AP_023	6.00	7.00	1.00	<0.10			
AP_023	7.00	8.00	1.00	<0.10			
AP_023	8.00	9.00	1.00	<0.10			
AP_023	9.00	10.00	1.00	<0.10			
AP_023	10.00	11.00	1.00	<0.10			
AP_023	11.00	12.00	1.00	<0.10			
AP_023	12.00	13.00	1.00	<0.10			
AP_023	13.00	14.00	1.00	<0.10			
AP_023	14.00	15.00	1.00	<0.10			
AP_023	15.00	16.00	1.00	<0.10			
AP_023	16.00	17.00	1.00	<0.10			
AP_023	17.00	18.00	1.00	<0.10			
AP_023	18.00	19.00	1.00	<0.10			
AP_023	19.00	20.00	1.00	<0.10			
AP_023	20.00	21.00	1.00	<0.10			
AP_023	21.00	22.00	1.00	<0.10			
AP_023	22.00	23.00	1.00	<0.10			
AP_023	23.00	24.00	1.00	<0.10			
AP_023	24.00	25.00	1.00	<0.10			
AP_023	25.00	26.00	1.00	<0.10			
AP_023	26.00	27.00	1.00	<0.10			
AP_023	27.00	28.00	1.00	<0.10			
AP_023	28.00	29.00	1.00	<0.10			
AP_023	29.00	30.00	1.00	<0.10			
AP_023	30.00	31.00	1.00	<0.10			
AP_023	31.00	32.00	1.00	<0.10			
AP_023	32.00	33.00	1.00	<0.10			
AP_023	33.00	34.00	1.00	<0.10			
AP_023	34.00	35.00	1.00	<0.10			
AP_023	35.00	36.00	1.00	<0.10			
AP_023	36.00	37.00	1.00	<0.10			
AP_023	37.00	38.00	1.00	<0.10			
AP_023	38.00	39.00	1.00	<0.10			
AP_023	39.00	40.00	1.00	<0.10			
AP_023	40.00	41.00	1.00	<0.10			
AP_023	41.00	42.00	1.00	<0.10			
AP_023	42.00	43.00	1.00	<0.10			
AP_023	43.00	44.00	1.00	<0.10			
AP_023	44.00	45.00	1.00	<0.10			
AP_023	45.00	46.00	1.00	<0.10			

AP_023	46.00	47.00	1.00	<0.10			
AP_023	47.00	48.00	1.00	<0.10			
AP_023	48.00	49.00	1.00	<0.10			
AP_023	49.00	50.00	1.00	<0.10			
AP_023	50.00	51.00	1.00	<0.10			
AP_023	51.00	52.00	1.00	<0.10			
AP_023	52.00	53.00	1.00	<0.10			
AP_023	53.00	54.00	1.00	<0.10			
AP_023	54.00	55.00	1.00	<0.10			
AP_023	55.00	56.00	1.00	<0.10			
AP_023	56.00	57.00	1.00	<0.10			
AP_023	57.00	58.00	1.00	<0.10			
AP_023	58.00	59.00	1.00	<0.10			
AP_023	59.00	60.00	1.00	<0.10			
AP_023	60.00	61.00	1.00	<0.10			
AP_023	61.00	62.00	1.00	<0.10			
AP_023	62.00	63.00	1.00	<0.10			
AP_024	0.00	1.00	1.00	n/a			
AP_024	1.00	2.00	1.00	n/a			
AP_024	2.00	3.00	1.00	n/a			
AP_024	3.00	4.00	1.00	n/a			
AP_024	4.00	5.00	1.00	n/a			
AP_024	5.00	6.00	1.00	n/a			
AP_024	6.00	7.00	1.00	n/a			
AP_024	7.00	8.00	1.00	n/a			
AP_024	8.00	9.00	1.00	n/a			
AP_024	9.00	10.00	1.00	n/a			
AP_024	10.00	11.00	1.00	n/a			
AP_024	11.00	12.00	1.00	n/a			
AP_024	12.00	13.00	1.00	n/a			
AP_024	13.00	14.00	1.00	n/a			
AP_024	14.00	15.00	1.00	n/a			
AP_024	15.00	16.00	1.00	<0.10		0.01	
AP_024	16.00	17.00	1.00	<0.10			
AP_024	17.00	18.00	1.00	<0.10			
AP_024	18.00	19.00	1.00	<0.10			
AP_024	19.00	20.00	1.00	<0.10			
AP_024	20.00	21.00	1.00	<0.10			
AP_024	21.00	22.00	1.00	<0.10			
AP_024	22.00	23.00	1.00	<0.10			
AP_024	23.00	24.00	1.00	<0.10			
AP_024	24.00	25.00	1.00	<0.10			
AP_024	25.00	26.00	1.00	<0.10			
AP_024	26.00	27.00	1.00	<0.10			
AP_024	27.00	28.00	1.00	<0.10			
AP_024	28.00	29.00	1.00	<0.10			
AP_024	29.00	30.00	1.00	<0.10			
AP_024	30.00	31.00	1.00	<0.10			
AP_024	31.00	32.00	1.00	<0.10			
AP_024	32.00	33.00	1.00	<0.10			
AP_024	33.00	34.00	1.00	<0.10			
AP_024	34.00	35.00	1.00	<0.10			
AP_024	35.00	36.00	1.00	<0.10			
AP_024	36.00	37.00	1.00	<0.10			
AP_024	37.00	38.00	1.00	<0.10			
AP_024	38.00	39.00	1.00	<0.10			
AP_024	39.00	40.00	1.00	<0.10			
AP_024	40.00	41.00	1.00	<0.10			

AP_024	41.00	42.00	1.00	<0.10			
AP_024	42.00	43.00	1.00	<0.10			
AP_024	43.00	44.00	1.00	<0.10			
AP_024	44.00	45.00	1.00	<0.10			
AP_024	45.00	46.00	1.00	<0.10		0.03	
AP_024	46.00	47.00	1.00	<0.10			
AP_024	47.00	48.00	1.00	<0.10			
AP_024	48.00	49.00	1.00	<0.10			
AP_024	49.00	50.00	1.00	<0.10			
AP_024	50.00	51.00	1.00	<0.10			
AP_024	51.00	52.00	1.00	<0.10			
AP_024	52.00	53.00	1.00	<0.10			
AP_024	53.00	54.00	1.00	<0.10			
AP_024	54.00	55.00	1.00	<0.10			
AP_024	55.00	56.00	1.00	<0.10			
AP_024	56.00	57.00	1.00	<0.10			
AP_024	57.00	58.00	1.00	<0.10			
AP_024	58.00	59.00	1.00	<0.10			
AP_024	59.00	60.00	1.00	<0.10			
AP_024	60.00	61.00	1.00	<0.10			
AP_024	61.00	62.00	1.00	<0.10			
AP_024	62.00	63.00	1.00	<0.10			
AP_025	0.00	1.00	1.00	<0.10			
AP_025	1.00	2.00	1.00	<0.10			
AP_025	2.00	3.00	1.00	<0.10			
AP_025	3.00	4.00	1.00	<0.10			
AP_025	4.00	5.00	1.00	<0.10			
AP_025	5.00	6.00	1.00	0.35			
AP_025	6.00	7.00	1.00	0.10			
AP_025	7.00	8.00	1.00	<0.10			
AP_025	8.00	9.00	1.00	1.21			
AP_025	9.00	10.00	1.00	0.20			
AP_025	10.00	11.00	1.00	0.44			
AP_025	11.00	12.00	1.00	0.26			
AP_025	12.00	13.00	1.00	0.51			
AP_025	13.00	14.00	1.00	0.13			
AP_025	14.00	15.00	1.00	<0.10			
AP_025	15.00	16.00	1.00	<0.10			
AP_025	16.00	17.00	1.00	0.14			
AP_025	17.00	18.00	1.00	0.20			
AP_025	18.00	19.00	1.00	0.14			
AP_025	19.00	20.00	1.00	<0.10			
AP_025	20.00	21.00	1.00	0.13			
AP_025	21.00	22.00	1.00	0.14			
AP_025	22.00	23.00	1.00	0.18			
AP_025	23.00	24.00	1.00	0.14			
AP_025	24.00	25.00	1.00	0.10			
AP_025	25.00	26.00	1.00	<0.10			
AP_025	26.00	27.00	1.00	<0.10			
AP_025	27.00	28.00	1.00	<0.10			
AP_025	28.00	29.00	1.00	<0.10			
AP_025	29.00	30.00	1.00	<0.10			
AP_025	30.00	31.00	1.00	<0.10		0.01	
AP_025	31.00	32.00	1.00	<0.10		0.01	
AP_025	32.00	33.00	1.00	<0.10		0.01	
AP_025	33.00	34.00	1.00	0.56			
AP_025	34.00	35.00	1.00	0.38			
AP_025	35.00	36.00	1.00	0.31			

AP_025	36.00	37.00	1.00	0.40			
AP_025	37.00	38.00	1.00	0.22			
AP_025	38.00	39.00	1.00	<0.10			
AP_025	39.00	40.00	1.00	0.14			
AP_025	40.00	41.00	1.00	<0.10			
AP_025	41.00	42.00	1.00	<0.10		0.07	
AP_025	42.00	43.00	1.00	<0.10		0.02	
AP_025	43.00	44.00	1.00	<0.10		0.01	
AP_025	44.00	45.00	1.00	<0.10		0.02	
AP_025	45.00	46.00	1.00	<0.10		0.01	
AP_025	46.00	47.00	1.00	<0.10		0.02	
AP_025	47.00	48.00	1.00	<0.10		0.03	
AP_025	48.00	49.00	1.00	<0.10		0.02	
AP_025	49.00	50.00	1.00	<0.10		0.02	
AP_025	50.00	51.00	1.00	<0.10		0.01	
AP_025	51.00	52.00	1.00	<0.10		0.01	
AP_025	52.00	53.00	1.00	<0.10		0.02	
AP_025	53.00	54.00	1.00	<0.10			
AP_025	54.00	55.00	1.00	0.50			
AP_025	55.00	56.00	1.00	0.29			
AP_025	56.00	57.00	1.00	0.14			
AP_025	57.00	58.00	1.00	<0.10			
AP_025	58.00	59.00	1.00	<0.10			
AP_025	59.00	60.00	1.00	<0.10			
AP_025	60.00	61.00	1.00	<0.10			
AP_025	61.00	62.00	1.00	<0.10			
AP_025	62.00	63.00	1.00	<0.10			
AP_028	0.00	1.00	1.00	0.25			
AP_028	1.00	2.00	1.00	0.47			
AP_028	2.00	3.00	1.00	0.62			
AP_028	3.00	4.00	1.00	0.38			
AP_028	4.00	5.00	1.00	<0.10			
AP_028	5.00	6.00	1.00	0.34			
AP_028	6.00	7.00	1.00	<0.10			
AP_028	7.00	8.00	1.00	<0.10			
AP_028	8.00	9.00	1.00	<0.10		0.02	
AP_028	9.00	10.00	1.00	<0.10		0.03	
AP_028	10.00	11.00	1.00	<0.10		0.02	
AP_028	11.00	12.00	1.00	<0.10		0.02	
AP_028	12.00	13.00	1.00	<0.10		0.02	
AP_028	13.00	14.00	1.00	<0.10		0.01	
AP_028	14.00	15.00	1.00	<0.10		0.03	
AP_028	15.00	16.00	1.00	<0.10		0.01	
AP_028	16.00	17.00	1.00	<0.10		0.01	
AP_028	17.00	18.00	1.00	<0.10		0.01	
AP_028	18.00	19.00	1.00	<0.10		<0.005	
AP_028	19.00	20.00	1.00	<0.10		<0.005	
AP_028	20.00	21.00	1.00	<0.10			
AP_028	21.00	22.00	1.00	<0.10			
AP_028	22.00	23.00	1.00	<0.10			
AP_028	23.00	24.00	1.00	<0.10			
AP_028	24.00	25.00	1.00	<0.10		0.08	
AP_028	25.00	26.00	1.00	<0.10			
AP_028	26.00	27.00	1.00	<0.10			
AP_028	27.00	28.00	1.00	<0.10			
AP_028	28.00	29.00	1.00	<0.10			
AP_028	29.00	30.00	1.00	<0.10			
AP_028	30.00	31.00	1.00	<0.10			

AP_028	31.00	32.00	1.00	<0.10			
AP_028	32.00	33.00	1.00	<0.10			
AP_028	33.00	34.00	1.00	<0.10			
AP_028	34.00	35.00	1.00	<0.10			
AP_028	35.00	36.00	1.00	<0.10			
AP_028	36.00	37.00	1.00	<0.10			
AP_028	37.00	38.00	1.00	<0.10			
AP_028	38.00	39.00	1.00	<0.10		0.01	
AP_028	39.00	40.00	1.00	<0.10		0.01	
AP_028	40.00	41.00	1.00	<0.10		0.01	
AP_028	41.00	42.00	1.00	<0.10		0.17	
AP_028	42.00	43.00	1.00	<0.10		<0.005	
AP_028	43.00	44.00	1.00	<0.10		0.02	
AP_028	44.00	45.00	1.00	<0.10			
AP_028	45.00	46.00	1.00	<0.10			
AP_028	46.00	47.00	1.00	<0.10			
AP_028	47.00	48.00	1.00	<0.10			
AP_028	48.00	49.00	1.00	<0.10			
AP_028	49.00	50.00	1.00	<0.10			
AP_028	50.00	51.00	1.00	<0.10			
AP_028	51.00	52.00	1.00	<0.10			
AP_028	52.00	53.00	1.00	<0.10			
AP_028	53.00	54.00	1.00	0.10		0.26	
AP_028	54.00	55.00	1.00	0.10		0.09	
AP_028	55.00	56.00	1.00	0.10			
AP_028	56.00	57.00	1.00	0.10			
AP_028	57.00	58.00	1.00	0.10			
AP_028	58.00	59.00	1.00	<0.10			
AP_028	59.00	60.00	1.00	<0.10			
AP_028	60.00	61.00	1.00	<0.10			
AP_028	61.00	62.00	1.00	0.10			
AP_028	62.00	63.00	1.00	<0.10			
AP_029	0.00	1.00	1.00	<0.10			
AP_029	1.00	2.00	1.00	<0.10			
AP_029	2.00	3.00	1.00	<0.10			
AP_029	3.00	4.00	1.00	<0.10			
AP_029	4.00	5.00	1.00	<0.10			
AP_029	5.00	6.00	1.00	<0.10			
AP_029	6.00	7.00	1.00	<0.10			
AP_029	7.00	8.00	1.00	<0.10			
AP_029	8.00	9.00	1.00	<0.10			
AP_029	9.00	10.00	1.00	<0.10			
AP_029	10.00	11.00	1.00	<0.10			
AP_029	11.00	12.00	1.00	<0.10			
AP_029	12.00	13.00	1.00	<0.10			
AP_029	13.00	14.00	1.00	<0.10			
AP_029	14.00	15.00	1.00	<0.10			
AP_029	15.00	16.00	1.00	<0.10			
AP_029	16.00	17.00	1.00	<0.10			
AP_029	17.00	18.00	1.00	<0.10			
AP_029	18.00	19.00	1.00	<0.10			
AP_029	19.00	20.00	1.00	<0.10			
AP_029	20.00	21.00	1.00	<0.10			
AP_029	21.00	22.00	1.00	<0.10			
AP_029	22.00	23.00	1.00	<0.10			
AP_029	23.00	24.00	1.00	<0.10			
AP_029	24.00	25.00	1.00	<0.10			
AP_029	25.00	26.00	1.00	<0.10			

AP_029	26.00	27.00	1.00	<0.10			
AP_029	27.00	28.00	1.00	<0.10			
AP_029	28.00	29.00	1.00	<0.10			
AP_029	29.00	30.00	1.00	<0.10			
AP_029	30.00	31.00	1.00	<0.10			
AP_029	31.00	32.00	1.00	<0.10			
AP_029	32.00	33.00	1.00	<0.10			
AP_029	33.00	34.00	1.00	<0.10			
AP_029	34.00	35.00	1.00	<0.10			
AP_029	35.00	36.00	1.00	<0.10			
AP_029	36.00	37.00	1.00	<0.10			
AP_029	37.00	38.00	1.00	<0.10			
AP_029	38.00	39.00	1.00	<0.10			
AP_029	39.00	40.00	1.00	<0.10			
AP_029	40.00	41.00	1.00	<0.10			
AP_029	41.00	42.00	1.00	<0.10			
AP_029	42.00	43.00	1.00	<0.10			
AP_029	43.00	44.00	1.00	<0.10			
AP_029	44.00	45.00	1.00	<0.10			
AP_029	45.00	46.00	1.00	<0.10			
AP_029	46.00	47.00	1.00	<0.10			
AP_029	47.00	48.00	1.00	<0.10			
AP_029	48.00	49.00	1.00	<0.10			
AP_029	49.00	50.00	1.00	<0.10			
AP_029	50.00	51.00	1.00	<0.10			
AP_029	51.00	52.00	1.00	<0.10			
AP_029	52.00	53.00	1.00	<0.10			
AP_029	53.00	54.00	1.00	<0.10			
AP_029	54.00	55.00	1.00	<0.10			
AP_029	55.00	56.00	1.00	<0.10			
AP_029	56.00	57.00	1.00	<0.10			
AP_029	57.00	58.00	1.00	<0.10			
AP_029	58.00	59.00	1.00	<0.10			
AP_029	59.00	60.00	1.00	<0.10			
AP_029	60.00	61.00	1.00	<0.10			
AP_029	61.00	62.00	1.00	<0.10			
AP_029	62.00	63.00	1.00	<0.10			
AP_030	0.00	1.00	1.00	<0.10			
AP_030	1.00	2.00	1.00	<0.10			
AP_030	2.00	3.00	1.00	<0.10			
AP_030	3.00	4.00	1.00	<0.10			
AP_030	4.00	5.00	1.00	<0.10			
AP_030	5.00	6.00	1.00	<0.10			
AP_030	6.00	7.00	1.00	<0.10			
AP_030	7.00	8.00	1.00	<0.10			
AP_030	8.00	9.00	1.00	<0.10			
AP_030	9.00	10.00	1.00	<0.10			
AP_030	10.00	11.00	1.00	<0.10			
AP_030	11.00	12.00	1.00	<0.10			
AP_030	12.00	13.00	1.00	<0.10			
AP_030	13.00	14.00	1.00	<0.10			
AP_030	14.00	15.00	1.00	<0.10			
AP_030	15.00	16.00	1.00	<0.10			
AP_030	16.00	17.00	1.00	<0.10			
AP_030	17.00	18.00	1.00	<0.10			
AP_030	18.00	19.00	1.00	<0.10			
AP_030	19.00	20.00	1.00	<0.10			
AP_030	20.00	21.00	1.00	<0.10			

AP_030	21.00	22.00	1.00	<0.10			
AP_030	22.00	23.00	1.00	<0.10			
AP_030	23.00	24.00	1.00	<0.10			
AP_030	24.00	25.00	1.00	<0.10			
AP_030	25.00	26.00	1.00	<0.10			
AP_030	26.00	27.00	1.00	<0.10			
AP_030	27.00	28.00	1.00	<0.10			
AP_030	28.00	29.00	1.00	<0.10			
AP_030	29.00	30.00	1.00	<0.10			
AP_030	30.00	31.00	1.00	<0.10			
AP_030	31.00	32.00	1.00	<0.10			
AP_030	32.00	33.00	1.00	<0.10			
AP_030	33.00	34.00	1.00	<0.10			
AP_030	34.00	35.00	1.00	<0.10			
AP_030	35.00	36.00	1.00	<0.10			
AP_030	36.00	37.00	1.00	<0.10			
AP_030	37.00	38.00	1.00	<0.10			
AP_030	38.00	39.00	1.00	<0.10			
AP_030	39.00	40.00	1.00	<0.10			
AP_030	40.00	41.00	1.00	<0.10			
AP_030	41.00	42.00	1.00	<0.10			
AP_030	42.00	43.00	1.00	<0.10			
AP_030	43.00	44.00	1.00	<0.10			
AP_030	44.00	45.00	1.00	<0.10			
AP_030	45.00	46.00	1.00	<0.10			
AP_030	46.00	47.00	1.00	<0.10			
AP_030	47.00	48.00	1.00	<0.10			
AP_030	48.00	49.00	1.00	<0.10			
AP_030	49.00	50.00	1.00	<0.10			
AP_030	50.00	51.00	1.00	<0.10			
AP_030	51.00	52.00	1.00	<0.10			
AP_030	52.00	53.00	1.00	<0.10			
AP_030	53.00	54.00	1.00	<0.10			
AP_030	54.00	55.00	1.00	<0.10			
AP_030	55.00	56.00	1.00	<0.10			
AP_030	56.00	57.00	1.00	<0.10			
AP_030	57.00	58.00	1.00	<0.10			
AP_030	58.00	59.00	1.00	<0.10			
AP_030	59.00	60.00	1.00	<0.10			
AP_030	60.00	61.00	1.00	<0.10			
AP_030	61.00	62.00	1.00	<0.10			
AP_030	62.00	63.00	1.00	<0.10			
AP_031	0.00	1.00	1.00	<0.10			
AP_031	1.00	2.00	1.00	<0.10			
AP_031	2.00	3.00	1.00	<0.10			
AP_031	3.00	4.00	1.00	<0.10			
AP_031	4.00	5.00	1.00	<0.10			
AP_031	5.00	6.00	1.00	<0.10			
AP_031	6.00	7.00	1.00	<0.10			
AP_031	7.00	8.00	1.00	<0.10			
AP_031	8.00	9.00	1.00	<0.10			
AP_031	9.00	10.00	1.00	<0.10			
AP_031	10.00	11.00	1.00	<0.10			
AP_031	11.00	12.00	1.00	<0.10			
AP_031	12.00	13.00	1.00	<0.10			
AP_031	13.00	14.00	1.00	<0.10			
AP_031	14.00	15.00	1.00	<0.10			
AP_031	15.00	16.00	1.00	<0.10			

AP_031	16.00	17.00	1.00	<0.10			
AP_031	17.00	18.00	1.00	<0.10			
AP_031	18.00	19.00	1.00	<0.10			
AP_031	19.00	20.00	1.00	<0.10			
AP_031	20.00	21.00	1.00	<0.10			
AP_031	21.00	22.00	1.00	<0.10			
AP_031	22.00	23.00	1.00	<0.10			
AP_031	23.00	24.00	1.00	<0.10			
AP_031	24.00	25.00	1.00	<0.10			
AP_031	25.00	26.00	1.00	<0.10			
AP_031	26.00	27.00	1.00	<0.10			
AP_031	27.00	28.00	1.00	<0.10			
AP_031	28.00	29.00	1.00	<0.10			
AP_031	29.00	30.00	1.00	<0.10			
AP_031	30.00	31.00	1.00	<0.10			
AP_031	31.00	32.00	1.00	<0.10			
AP_031	32.00	33.00	1.00	<0.10			
AP_031	33.00	34.00	1.00	<0.10			
AP_031	34.00	35.00	1.00	<0.10			
AP_031	35.00	36.00	1.00	<0.10			
AP_031	36.00	37.00	1.00	<0.10			
AP_031	37.00	38.00	1.00	<0.10			
AP_031	38.00	39.00	1.00	<0.10			
AP_031	39.00	40.00	1.00	<0.10			
AP_031	40.00	41.00	1.00	<0.10			
AP_031	41.00	42.00	1.00	<0.10			
AP_031	42.00	43.00	1.00	<0.10			
AP_031	43.00	44.00	1.00	<0.10			
AP_031	44.00	45.00	1.00	<0.10			
AP_031	45.00	46.00	1.00	<0.10			
AP_031	46.00	47.00	1.00	<0.10			
AP_031	47.00	48.00	1.00	<0.10			
AP_031	48.00	49.00	1.00	<0.10			
AP_031	49.00	50.00	1.00	<0.10			
AP_031	50.00	51.00	1.00	<0.10			
AP_031	51.00	52.00	1.00	<0.10		<0.005	
AP_031	52.00	53.00	1.00	<0.10			
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AP_031	55.00	56.00	1.00	<0.10			
AP_031	56.00	57.00	1.00	<0.10			
AP_031	57.00	58.00	1.00	<0.10			
AP_031	58.00	59.00	1.00	<0.10			
AP_031	59.00	60.00	1.00	<0.10			
AP_031	60.00	61.00	1.00	<0.10			
AP_031	61.00	62.00	1.00	<0.10			
AP_031	62.00	63.00	1.00	<0.10			
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AP_032	3.00	4.00	1.00	<0.10			
AP_032	4.00	5.00	1.00	<0.10			
AP_032	5.00	6.00	1.00	<0.10			
AP_032	6.00	7.00	1.00	<0.10			
AP_032	7.00	8.00	1.00	<0.10			
AP_032	8.00	9.00	1.00	<0.10			
AP_032	9.00	10.00	1.00	<0.10			
AP_032	10.00	11.00	1.00	<0.10			

AP_032	11.00	12.00	1.00	<0.10			
AP_032	12.00	13.00	1.00	<0.10			
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AP_032	14.00	15.00	1.00	<0.10			
AP_032	15.00	16.00	1.00	<0.10			
AP_032	16.00	17.00	1.00	<0.10			
AP_032	17.00	18.00	1.00	<0.10			
AP_032	18.00	19.00	1.00	<0.10			
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AP_032	21.00	22.00	1.00	<0.10			
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AP_032	26.00	27.00	1.00	<0.10			
AP_032	27.00	28.00	1.00	<0.10			
AP_032	28.00	29.00	1.00	<0.10			
AP_032	29.00	30.00	1.00	<0.10			
AP_032	30.00	31.00	1.00	<0.10			
AP_032	31.00	32.00	1.00	<0.10			
AP_032	32.00	33.00	1.00	<0.10			
AP_032	33.00	34.00	1.00	<0.10			
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AP_032	35.00	36.00	1.00	<0.10			
AP_032	36.00	37.00	1.00	<0.10			
AP_032	37.00	38.00	1.00	<0.10			
AP_032	38.00	39.00	1.00	<0.10			
AP_032	39.00	40.00	1.00	<0.10			
AP_032	40.00	41.00	1.00	<0.10			
AP_032	41.00	42.00	1.00	<0.10			
AP_032	42.00	43.00	1.00	<0.10			
AP_032	43.00	44.00	1.00	<0.10			
AP_032	44.00	45.00	1.00	<0.10			
AP_032	45.00	46.00	1.00	<0.10			
AP_032	46.00	47.00	1.00	<0.10			
AP_032	47.00	48.00	1.00	<0.10			
AP_032	48.00	49.00	1.00	<0.10			
AP_032	49.00	50.00	1.00	<0.10			
AP_032	50.00	51.00	1.00	<0.10			
AP_032	51.00	52.00	1.00	<0.10			
AP_032	52.00	53.00	1.00	<0.10			
AP_032	53.00	54.00	1.00	<0.10			
AP_032	54.00	55.00	1.00	<0.10			
AP_032	55.00	56.00	1.00	<0.10			
AP_032	56.00	57.00	1.00	<0.10			
AP_032	57.00	58.00	1.00	<0.10			
AP_032	58.00	59.00	1.00	<0.10			
AP_032	59.00	60.00	1.00	<0.10			
AP_032	60.00	61.00	1.00	<0.10			
AP_032	61.00	62.00	1.00	<0.10			
AP_032	62.00	63.00	1.00	<0.10			
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AP_033	1.00	2.00	1.00	<0.10			
AP_033	2.00	3.00	1.00	<0.10			
AP_033	3.00	4.00	1.00	<0.10			
AP_033	4.00	5.00	1.00	<0.10			
AP_033	5.00	6.00	1.00	<0.10			

AP_033	6.00	7.00	1.00	<0.10			
AP_033	7.00	8.00	1.00	<0.10			
AP_033	8.00	9.00	1.00	<0.10			
AP_033	9.00	10.00	1.00	<0.10			
AP_033	10.00	11.00	1.00	<0.10			
AP_033	11.00	12.00	1.00	<0.10			
AP_033	12.00	13.00	1.00	<0.10			
AP_033	13.00	14.00	1.00	<0.10			
AP_033	14.00	15.00	1.00	<0.10			
AP_033	15.00	16.00	1.00	<0.10			
AP_033	16.00	17.00	1.00	<0.10			
AP_033	17.00	18.00	1.00	<0.10			
AP_033	18.00	19.00	1.00	<0.10			
AP_033	19.00	20.00	1.00	<0.10			
AP_033	20.00	21.00	1.00	<0.10			
AP_033	21.00	22.00	1.00	<0.10			
AP_033	22.00	23.00	1.00	<0.10			
AP_033	23.00	24.00	1.00	<0.10			
AP_033	24.00	25.00	1.00	<0.10			
AP_033	25.00	26.00	1.00	<0.10			
AP_033	26.00	27.00	1.00	<0.10			
AP_033	27.00	28.00	1.00	<0.10			
AP_033	28.00	29.00	1.00	<0.10			
AP_033	29.00	30.00	1.00	<0.10			
AP_033	30.00	31.00	1.00	<0.10			
AP_033	31.00	32.00	1.00	<0.10			
AP_033	32.00	33.00	1.00	<0.10			
AP_033	33.00	34.00	1.00	<0.10			
AP_033	34.00	35.00	1.00	<0.10			
AP_033	35.00	36.00	1.00	<0.10			
AP_033	36.00	37.00	1.00	<0.10			
AP_033	37.00	38.00	1.00	<0.10			
AP_033	38.00	39.00	1.00	<0.10			
AP_033	39.00	40.00	1.00	<0.10			
AP_033	40.00	41.00	1.00	<0.10			
AP_033	41.00	42.00	1.00	<0.10			
AP_033	42.00	43.00	1.00	<0.10			
AP_033	43.00	44.00	1.00	<0.10			
AP_033	44.00	45.00	1.00	<0.10			
AP_033	45.00	46.00	1.00	<0.10			
AP_033	46.00	47.00	1.00	<0.10			
AP_033	47.00	48.00	1.00	<0.10			
AP_033	48.00	49.00	1.00	<0.10			
AP_033	49.00	50.00	1.00	<0.10			
AP_033	50.00	51.00	1.00	<0.10			
AP_033	51.00	52.00	1.00	<0.10			
AP_033	52.00	53.00	1.00	<0.10			
AP_033	53.00	54.00	1.00	<0.10			
AP_033	54.00	55.00	1.00	<0.10			
AP_033	55.00	56.00	1.00	<0.10			
AP_033	56.00	57.00	1.00	<0.10			
AP_033	57.00	58.00	1.00	<0.10			
AP_033	58.00	59.00	1.00	<0.10			
AP_033	59.00	60.00	1.00	<0.10			
AP_033	60.00	61.00	1.00	<0.10			
AP_033	61.00	62.00	1.00	<0.10			
AP_033	62.00	63.00	1.00	<0.10			
AP_034	0.00	1.00	1.00	n/a			

AP_034	1.00	2.00	1.00	n/a			
AP_034	2.00	3.00	1.00	n/a			
AP_034	3.00	4.00	1.00	n/a			
AP_034	4.00	5.00	1.00	n/a			
AP_034	5.00	6.00	1.00	n/a			
AP_034	6.00	7.00	1.00	n/a			
AP_034	7.00	8.00	1.00	n/a			
AP_034	8.00	9.00	1.00	n/a			
AP_034	9.00	10.00	1.00	n/a			
AP_034	10.00	11.00	1.00	n/a			
AP_034	11.00	12.00	1.00	<0.10			
AP_034	12.00	13.00	1.00	<0.10			
AP_034	13.00	14.00	1.00	<0.10			
AP_034	14.00	15.00	1.00	<0.10			
AP_034	15.00	16.00	1.00	<0.10			
AP_034	16.00	17.00	1.00	<0.10			
AP_034	17.00	18.00	1.00	<0.10			
AP_034	18.00	19.00	1.00	<0.10			
AP_034	19.00	20.00	1.00	<0.10			
AP_034	20.00	21.00	1.00	<0.10			
AP_034	21.00	22.00	1.00	<0.10			
AP_034	22.00	23.00	1.00	<0.10			
AP_034	23.00	24.00	1.00	<0.10			
AP_034	24.00	25.00	1.00	<0.10			
AP_034	25.00	26.00	1.00	<0.10			
AP_034	26.00	27.00	1.00	<0.10		<0.005	
AP_034	27.00	28.00	1.00	<0.10		<0.005	
AP_034	28.00	29.00	1.00	<0.10		<0.005	
AP_034	29.00	30.00	1.00	<0.10		<0.005	
AP_034	30.00	31.00	1.00	<0.10			
AP_034	31.00	32.00	1.00	<0.10			
AP_034	32.00	33.00	1.00	<0.10			
AP_034	33.00	34.00	1.00	<0.10			
AP_034	34.00	35.00	1.00	<0.10			
AP_034	35.00	36.00	1.00	<0.10			
AP_034	36.00	37.00	1.00	<0.10			
AP_034	37.00	38.00	1.00	<0.10			
AP_034	38.00	39.00	1.00	<0.10			
AP_034	39.00	40.00	1.00	<0.10			
AP_034	40.00	41.00	1.00	<0.10			
AP_034	41.00	42.00	1.00	<0.10			
AP_034	42.00	43.00	1.00	<0.10			
AP_034	43.00	44.00	1.00	<0.10			
AP_034	44.00	45.00	1.00	<0.10			
AP_034	45.00	46.00	1.00	<0.10			
AP_034	46.00	47.00	1.00	<0.10			
AP_034	47.00	48.00	1.00	<0.10			
AP_034	48.00	49.00	1.00	<0.10			
AP_034	49.00	50.00	1.00	<0.10			
AP_035	0.00	1.00	1.00	n/a			
AP_035	1.00	2.00	1.00	n/a			
AP_035	2.00	3.00	1.00	n/a			
AP_035	3.00	4.00	1.00	n/a			
AP_035	4.00	5.00	1.00	n/a			
AP_035	5.00	6.00	1.00	n/a			
AP_035	6.00	7.00	1.00	n/a			
AP_035	7.00	8.00	1.00	n/a			
AP_035	8.00	9.00	1.00	n/a			

AP_035	9.00	10.00	1.00	n/a			
AP_035	10.00	11.00	1.00	n/a			
AP_035	11.00	12.00	1.00	n/a			
AP_035	12.00	13.00	1.00	n/a			
AP_035	13.00	14.00	1.00	<0.10			
AP_035	14.00	15.00	1.00	<0.10			
AP_035	15.00	16.00	1.00	<0.10			
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AP_035	17.00	18.00	1.00	<0.10		0.01	
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AP_035	27.00	28.00	1.00	<0.10			
AP_035	28.00	29.00	1.00	<0.10			
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AP_035	32.00	33.00	1.00	<0.10			
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AP_035	46.00	47.00	1.00	<0.10			
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AP_035	58.00	59.00	1.00	<0.10			
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AP_035	60.00	61.00	1.00	<0.10			
AP_035	61.00	62.00	1.00	<0.10			
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AP_036	1.00	2.00	1.00	n/a			
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AP_036	3.00	4.00	1.00	n/a			

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AP_036	7.00	8.00	1.00	n/a			
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AP_036	18.00	19.00	1.00	<0.10			
AP_036	19.00	20.00	1.00	<0.10			
AP_036	20.00	21.00	1.00	<0.10			
AP_036	21.00	22.00	1.00	<0.10			
AP_036	22.00	23.00	1.00	<0.10			
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AP_036	40.00	41.00	1.00	<0.10			
AP_036	41.00	42.00	1.00	<0.10			
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AP_036	45.00	46.00	1.00	<0.10			
AP_036	46.00	47.00	1.00	<0.10			
AP_036	47.00	48.00	1.00	<0.10			
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AP_036	50.00	51.00	1.00	<0.10			
AP_036	51.00	52.00	1.00	<0.10			
AP_036	52.00	53.00	1.00	<0.10			
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AP_036	56.00	57.00	1.00	<0.10			
AP_036	57.00	58.00	1.00	<0.10			
AP_036	58.00	59.00	1.00	<0.10			
AP_036	59.00	60.00	1.00	<0.10			
AP_036	60.00	61.00	1.00	<0.10			
AP_036	61.00	62.00	1.00	<0.10			

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AP_037	4.00	5.00	1.00	n/a			
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AP_037	11.00	12.00	1.00	n/a			
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AP_037	13.00	14.00	1.00	n/a			
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AP_037	15.00	16.00	1.00	n/a			
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AP_037	17.00	18.00	1.00	n/a			
AP_037	18.00	19.00	1.00	n/a			
AP_037	19.00	20.00	1.00	<0.10			
AP_037	20.00	21.00	1.00	<0.10			
AP_037	21.00	22.00	1.00	<0.10			
AP_037	22.00	23.00	1.00	<0.10			
AP_037	23.00	24.00	1.00	<0.10			
AP_037	24.00	25.00	1.00	<0.10			
AP_037	25.00	26.00	1.00	<0.10			
AP_037	26.00	27.00	1.00	<0.10			
AP_037	27.00	28.00	1.00	<0.10			
AP_037	28.00	29.00	1.00	<0.10			
AP_037	29.00	30.00	1.00	<0.10			
AP_037	30.00	31.00	1.00	<0.10			
AP_037	31.00	32.00	1.00	<0.10			
AP_037	32.00	33.00	1.00	<0.10			
AP_037	33.00	34.00	1.00	<0.10			
AP_037	34.00	35.00	1.00	<0.10			
AP_037	35.00	36.00	1.00	<0.10			
AP_037	36.00	37.00	1.00	<0.10			
AP_037	37.00	38.00	1.00	<0.10			
AP_037	38.00	39.00	1.00	<0.10			
AP_037	39.00	40.00	1.00	<0.10			
AP_037	40.00	41.00	1.00	<0.10			
AP_037	41.00	42.00	1.00	<0.10			
AP_037	42.00	43.00	1.00	<0.10			
AP_037	43.00	44.00	1.00	<0.10			
AP_037	44.00	45.00	1.00	<0.10			
AP_037	45.00	46.00	1.00	<0.10			
AP_037	46.00	47.00	1.00	<0.10			
AP_037	47.00	48.00	1.00	<0.10			
AP_037	48.00	49.00	1.00	<0.10			
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AP_037	51.00	52.00	1.00	<0.10			
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AP_037	53.00	54.00	1.00	<0.10			
AP_037	54.00	55.00	1.00	<0.10			
AP_037	55.00	56.00	1.00	<0.10			
AP_037	56.00	57.00	1.00	<0.10			

AP_037	57.00	58.00	1.00	<0.10			
AP_037	58.00	59.00	1.00	<0.10			
AP_037	59.00	60.00	1.00	<0.10			
AP_037	60.00	61.00	1.00	<0.10			
AP_037	61.00	62.00	1.00	<0.10			
AP_037	62.00	63.00	1.00	<0.10			
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AP_038	1.00	2.00	1.00	n/a			
AP_038	2.00	3.00	1.00	n/a			
AP_038	3.00	4.00	1.00	n/a			
AP_038	4.00	5.00	1.00	n/a		0.01	
AP_038	5.00	6.00	1.00	n/a		0.01	
AP_038	6.00	7.00	1.00	n/a		0.01	
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AP_038	8.00	9.00	1.00	n/a			
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AP_038	10.00	11.00	1.00	n/a			
AP_038	11.00	12.00	1.00	n/a			
AP_038	12.00	13.00	1.00	n/a			
AP_038	13.00	14.00	1.00	<0.10			
AP_038	14.00	15.00	1.00	<0.10			
AP_038	15.00	16.00	1.00	<0.10			
AP_038	16.00	17.00	1.00	<0.10			
AP_038	17.00	18.00	1.00	<0.10			
AP_038	18.00	19.00	1.00	<0.10			
AP_038	19.00	20.00	1.00	<0.10			
AP_038	20.00	21.00	1.00	<0.10			
AP_038	21.00	22.00	1.00	<0.10			
AP_038	22.00	23.00	1.00	<0.10			
AP_038	23.00	24.00	1.00	<0.10			
AP_038	24.00	25.00	1.00	<0.10			
AP_038	25.00	26.00	1.00	<0.10			
AP_038	26.00	27.00	1.00	<0.10			
AP_038	27.00	28.00	1.00	<0.10			
AP_038	28.00	29.00	1.00	<0.10			
AP_038	29.00	30.00	1.00	<0.10			
AP_038	30.00	31.00	1.00	<0.10			
AP_038	31.00	32.00	1.00	<0.10			
AP_038	32.00	33.00	1.00	<0.10			
AP_038	33.00	34.00	1.00	<0.10			
AP_038	34.00	35.00	1.00	<0.10			
AP_038	35.00	36.00	1.00	<0.10			
AP_038	36.00	37.00	1.00	<0.10			
AP_038	37.00	38.00	1.00	<0.10			
AP_038	38.00	39.00	1.00	<0.10			
AP_038	39.00	40.00	1.00	<0.10			
AP_038	40.00	41.00	1.00	<0.10			
AP_038	41.00	42.00	1.00	<0.10			
AP_038	42.00	43.00	1.00	<0.10			
AP_038	43.00	44.00	1.00	0.46			
AP_038	44.00	45.00	1.00	0.46			
AP_038	45.00	46.00	1.00	0.46			
AP_038	46.00	47.00	1.00	0.46			
AP_038	47.00	48.00	1.00	0.46			
AP_038	48.00	49.00	1.00	0.43			
AP_038	49.00	50.00	1.00	0.43			
AP_038	50.00	51.00	1.00	0.43			
AP_038	51.00	52.00	1.00	0.43			

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AP_039	1.00	2.00	1.00	n/a			
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AP_039	15.00	16.00	1.00	<0.10			
AP_039	16.00	17.00	1.00	<0.10			
AP_039	17.00	18.00	1.00	<0.10			
AP_039	18.00	19.00	1.00	<0.10			
AP_039	19.00	20.00	1.00	<0.10			
AP_039	20.00	21.00	1.00	<0.10			
AP_039	21.00	22.00	1.00	<0.10			
AP_039	22.00	23.00	1.00	<0.10			
AP_039	23.00	24.00	1.00	<0.10			
AP_039	24.00	25.00	1.00	<0.10			
AP_039	25.00	26.00	1.00	<0.10			
AP_039	26.00	27.00	1.00	<0.10			
AP_039	27.00	28.00	1.00	<0.10			
AP_039	28.00	29.00	1.00	<0.10			
AP_039	29.00	30.00	1.00	<0.10			
AP_039	30.00	31.00	1.00	<0.10			
AP_039	31.00	32.00	1.00	<0.10			
AP_039	32.00	33.00	1.00	<0.10			
AP_039	33.00	34.00	1.00	<0.10			
AP_039	34.00	35.00	1.00	<0.10			
AP_039	35.00	36.00	1.00	<0.10			
AP_039	36.00	37.00	1.00	<0.10			
AP_039	37.00	38.00	1.00	<0.10			
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AP_039	39.00	40.00	1.00	<0.10		<0.005	
AP_039	40.00	41.00	1.00	<0.10			
AP_039	41.00	42.00	1.00	<0.10			
AP_039	42.00	43.00	1.00	<0.10			
AP_039	43.00	44.00	1.00	<0.10			
AP_039	44.00	45.00	1.00	<0.10			
AP_039	45.00	46.00	1.00	<0.10			
AP_039	46.00	47.00	1.00	<0.10			
AP_039	47.00	48.00	1.00	<0.10			

AP_039	48.00	49.00	1.00	<0.10			
AP_039	49.00	50.00	1.00	<0.10			
AP_039	50.00	51.00	1.00	<0.10			
AP_039	51.00	52.00	1.00	<0.10			
AP_039	52.00	53.00	1.00	<0.10			
AP_039	53.00	54.00	1.00	<0.10			
AP_039	54.00	55.00	1.00	<0.10			
AP_039	55.00	56.00	1.00	<0.10			
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AP_039	57.00	58.00	1.00	<0.10			
AP_039	58.00	59.00	1.00	<0.10			
AP_039	59.00	60.00	1.00	<0.10			
AP_039	60.00	61.00	1.00	<0.10			
AP_039	61.00	62.00	1.00	<0.10			
AP_039	62.00	63.00	1.00	<0.10			
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AP_040	2.00	3.00	1.00	n/a			
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AP_040	5.00	6.00	1.00	n/a			
AP_040	6.00	7.00	1.00	n/a			
AP_040	7.00	8.00	1.00	n/a			
AP_040	8.00	9.00	1.00	n/a			
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AP_040	10.00	11.00	1.00	n/a			
AP_040	11.00	12.00	1.00	n/a			
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AP_040	16.00	17.00	1.00	<0.10			
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AP_040	21.00	22.00	1.00	<0.10			
AP_040	22.00	23.00	1.00	<0.10			
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AP_040	27.00	28.00	1.00	<0.10			
AP_040	28.00	29.00	1.00	<0.10			
AP_040	29.00	30.00	1.00	<0.10			
AP_040	30.00	31.00	1.00	<0.10			
AP_040	31.00	32.00	1.00	<0.10			
AP_040	32.00	33.00	1.00	<0.10			
AP_040	33.00	34.00	1.00	<0.10			
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AP_040	35.00	36.00	1.00	<0.10			
AP_040	36.00	37.00	1.00	<0.10			
AP_040	37.00	38.00	1.00	<0.10			
AP_040	38.00	39.00	1.00	<0.10			
AP_040	39.00	40.00	1.00	<0.10			
AP_040	40.00	41.00	1.00	<0.10			
AP_040	41.00	42.00	1.00	<0.10			
AP_040	42.00	43.00	1.00	<0.10			

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AP_040	47.00	48.00	1.00	<0.10			
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AP_040	51.00	52.00	1.00	<0.10			
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AP_040	58.00	59.00	1.00	<0.10			
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AP_041	37.00	38.00	1.00	<0.10			

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AP_041	39.00	40.00	1.00	<0.10			
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AP_043	12.00	13.00	1.00	<0.10			
AP_043	13.00	14.00	1.00	<0.10			
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AP_043	18.00	19.00	1.00	<0.10			
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AP_043	28.00	29.00	1.00	<0.10			

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AP_043	34.00	35.00	1.00	<0.10			
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AP_043	37.00	38.00	1.00	<0.10			
AP_043	38.00	39.00	1.00	<0.10			
AP_043	39.00	40.00	1.00	<0.10			
AP_043	40.00	41.00	1.00	<0.10			
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AP_043	44.00	45.00	1.00	<0.10			
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AP_043	60.00	61.00	1.00	<0.10			
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AP_044	22.00	23.00	1.00	<0.10			
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AP_044	29.00	30.00	1.00	<0.10			
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AP_044	33.00	34.00	1.00	<0.10			
AP_044	34.00	35.00	1.00	<0.10			
AP_044	35.00	36.00	1.00	<0.10			
AP_044	36.00	37.00	1.00	<0.10			
AP_044	37.00	38.00	1.00	<0.10			
AP_044	38.00	39.00	1.00	<0.10			
AP_044	39.00	40.00	1.00	<0.10			
AP_044	40.00	41.00	1.00	<0.10			
AP_044	41.00	42.00	1.00	<0.10			
AP_044	42.00	43.00	1.00	<0.10			
AP_044	43.00	44.00	1.00	<0.10			
AP_044	44.00	45.00	1.00	<0.10		<0.005	
AP_044	45.00	46.00	1.00	<0.10			
AP_044	46.00	47.00	1.00	<0.10			
AP_044	47.00	48.00	1.00	<0.10			
AP_044	48.00	49.00	1.00	<0.10			
AP_044	49.00	50.00	1.00	<0.10			
AP_044	50.00	51.00	1.00	<0.10			
AP_044	51.00	52.00	1.00	<0.10			
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AP_044	53.00	54.00	1.00	<0.10			
AP_044	54.00	55.00	1.00	<0.10			
AP_044	55.00	56.00	1.00	<0.10			
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AP_044	57.00	58.00	1.00	<0.10			
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AP_044	59.00	60.00	1.00	<0.10			
AP_044	60.00	61.00	1.00	<0.10			
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AP_045	2.00	3.00	1.00	<0.10			
AP_045	3.00	4.00	1.00	<0.10			
AP_045	4.00	5.00	1.00	<0.10			
AP_045	5.00	6.00	1.00	<0.10			
AP_045	6.00	7.00	1.00	<0.10			
AP_045	7.00	8.00	1.00	<0.10			
AP_045	8.00	9.00	1.00	<0.10			
AP_045	9.00	10.00	1.00	<0.10			
AP_045	10.00	11.00	1.00	<0.10			
AP_045	11.00	12.00	1.00	<0.10			
AP_045	12.00	13.00	1.00	<0.10			
AP_045	13.00	14.00	1.00	<0.10			
AP_045	14.00	15.00	1.00	<0.10			
AP_045	15.00	16.00	1.00	<0.10			
AP_045	16.00	17.00	1.00	<0.10			
AP_045	17.00	18.00	1.00	<0.10			
AP_045	18.00	19.00	1.00	<0.10			

AP_045	19.00	20.00	1.00	<0.10			
AP_045	20.00	21.00	1.00	<0.10			
AP_045	21.00	22.00	1.00	<0.10			
AP_045	22.00	23.00	1.00	<0.10			
AP_045	23.00	24.00	1.00	<0.10			
AP_045	24.00	25.00	1.00	<0.10			
AP_045	25.00	26.00	1.00	<0.10			
AP_045	26.00	27.00	1.00	<0.10			
AP_045	27.00	28.00	1.00	<0.10			
AP_045	28.00	29.00	1.00	<0.10			
AP_045	29.00	30.00	1.00	<0.10			
AP_045	30.00	31.00	1.00	<0.10			
AP_045	31.00	32.00	1.00	<0.10			
AP_045	32.00	33.00	1.00	<0.10			
AP_045	33.00	34.00	1.00	<0.10			
AP_045	34.00	35.00	1.00	<0.10			
AP_045	35.00	36.00	1.00	<0.10			
AP_045	36.00	37.00	1.00	<0.10			
AP_045	37.00	38.00	1.00	<0.10			
AP_045	38.00	39.00	1.00	<0.10			
AP_045	39.00	40.00	1.00	<0.10			
AP_045	40.00	41.00	1.00	<0.10			
AP_045	41.00	42.00	1.00	<0.10			
AP_045	42.00	43.00	1.00	<0.10			
AP_045	43.00	44.00	1.00	<0.10			
AP_045	44.00	45.00	1.00	<0.10			
AP_045	45.00	46.00	1.00	<0.10			
AP_045	46.00	47.00	1.00	<0.10			
AP_045	47.00	48.00	1.00	<0.10			
AP_045	48.00	49.00	1.00	<0.10			
AP_045	49.00	50.00	1.00	<0.10			
AP_045	50.00	51.00	1.00	<0.10			
AP_045	51.00	52.00	1.00	<0.10			
AP_045	52.00	53.00	1.00	<0.10			
AP_045	53.00	54.00	1.00	<0.10			
AP_045	54.00	55.00	1.00	<0.10			
AP_045	55.00	56.00	1.00	<0.10			
AP_045	56.00	57.00	1.00	<0.10			
AP_045	57.00	58.00	1.00	<0.10			
AP_045	58.00	59.00	1.00	<0.10			
AP_045	59.00	60.00	1.00	<0.10		<0.005	
AP_045	60.00	61.00	1.00	<0.10			
AP_045	61.00	62.00	1.00	<0.10			
AP_045	62.00	63.00	1.00	<0.10			
AP_046	0.00	1.00	1.00	<0.10			
AP_046	1.00	2.00	1.00	<0.10			
AP_046	2.00	3.00	1.00	<0.10			
AP_046	3.00	4.00	1.00	<0.10			
AP_046	4.00	5.00	1.00	<0.10			
AP_046	5.00	6.00	1.00	<0.10		<0.005	
AP_046	6.00	7.00	1.00	<0.10			
AP_046	7.00	8.00	1.00	<0.10			
AP_046	8.00	9.00	1.00	<0.10			
AP_046	9.00	10.00	1.00	<0.10			
AP_046	10.00	11.00	1.00	<0.10		<0.005	
AP_046	11.00	12.00	1.00	<0.10			
AP_046	12.00	13.00	1.00	<0.10			
AP_046	13.00	14.00	1.00	<0.10			

AP_046	14.00	15.00	1.00	<0.10			
AP_046	15.00	16.00	1.00	<0.10			
AP_046	16.00	17.00	1.00	<0.10			
AP_046	17.00	18.00	1.00	<0.10			
AP_046	18.00	19.00	1.00	<0.10			
AP_046	19.00	20.00	1.00	<0.10			
AP_046	20.00	21.00	1.00	<0.10			
AP_046	21.00	22.00	1.00	<0.10			
AP_046	22.00	23.00	1.00	<0.10			
AP_046	23.00	24.00	1.00	<0.10			
AP_046	24.00	25.00	1.00	<0.10			
AP_046	25.00	26.00	1.00	<0.10			
AP_046	26.00	27.00	1.00	<0.10			
AP_046	27.00	28.00	1.00	<0.10			
AP_046	28.00	29.00	1.00	<0.10			
AP_046	29.00	30.00	1.00	<0.10			
AP_046	30.00	31.00	1.00	<0.10			
AP_046	31.00	32.00	1.00	<0.10			
AP_046	32.00	33.00	1.00	<0.10			
AP_046	33.00	34.00	1.00	<0.10			
AP_046	34.00	35.00	1.00	<0.10			
AP_046	35.00	36.00	1.00	<0.10			
AP_046	36.00	37.00	1.00	<0.10			
AP_046	37.00	38.00	1.00	<0.10			
AP_046	38.00	39.00	1.00	<0.10			
AP_046	39.00	40.00	1.00	<0.10			
AP_046	40.00	41.00	1.00	<0.10			
AP_046	41.00	42.00	1.00	<0.10			
AP_046	42.00	43.00	1.00	<0.10			
AP_046	43.00	44.00	1.00	<0.10			
AP_046	44.00	45.00	1.00	<0.10			
AP_046	45.00	46.00	1.00	<0.10			
AP_046	46.00	47.00	1.00	<0.10			
AP_046	47.00	48.00	1.00	<0.10			
AP_046	48.00	49.00	1.00	<0.10			
AP_046	49.00	50.00	1.00	<0.10			
AP_046	50.00	51.00	1.00	<0.10			
AP_046	51.00	52.00	1.00	<0.10			
AP_046	52.00	53.00	1.00	<0.10			
AP_046	53.00	54.00	1.00	<0.10			
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AP_046	56.00	57.00	1.00	<0.10			
AP_046	57.00	58.00	1.00	<0.10			
AP_046	58.00	59.00	1.00	<0.10			
AP_046	59.00	60.00	1.00	<0.10			
AP_046	60.00	61.00	1.00	<0.10			
AP_046	61.00	62.00	1.00	<0.10			
AP_046	62.00	63.00	1.00	<0.10			
AP_047	0.00	1.00	1.00	<0.10			
AP_047	1.00	2.00	1.00	<0.10			
AP_047	2.00	3.00	1.00	<0.10			
AP_047	3.00	4.00	1.00	<0.10			
AP_047	4.00	5.00	1.00	<0.10			
AP_047	5.00	6.00	1.00	<0.10			
AP_047	6.00	7.00	1.00	<0.10			
AP_047	7.00	8.00	1.00	<0.10			
AP_047	8.00	9.00	1.00	<0.10			

AP_047	9.00	10.00	1.00	<0.10			
AP_047	10.00	11.00	1.00	<0.10			
AP_047	11.00	12.00	1.00	<0.10			
AP_047	12.00	13.00	1.00	<0.10			
AP_047	13.00	14.00	1.00	<0.10			
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AP_047	15.00	16.00	1.00	<0.10			
AP_047	16.00	17.00	1.00	<0.10			
AP_047	17.00	18.00	1.00	<0.10			
AP_047	18.00	19.00	1.00	<0.10			
AP_047	19.00	20.00	1.00	<0.10			
AP_047	20.00	21.00	1.00	<0.10			
AP_047	21.00	22.00	1.00	<0.10			
AP_047	22.00	23.00	1.00	<0.10			
AP_047	23.00	24.00	1.00	<0.10			
AP_047	24.00	25.00	1.00	<0.10			
AP_047	25.00	26.00	1.00	<0.10			
AP_047	26.00	27.00	1.00	<0.10			
AP_047	27.00	28.00	1.00	<0.10			
AP_047	28.00	29.00	1.00	<0.10			
AP_047	29.00	30.00	1.00	<0.10			
AP_047	30.00	31.00	1.00	<0.10			
AP_047	31.00	32.00	1.00	<0.10			
AP_047	32.00	33.00	1.00	<0.10			
AP_047	33.00	34.00	1.00	<0.10			
AP_047	34.00	35.00	1.00	<0.10			
AP_047	35.00	36.00	1.00	<0.10			
AP_047	36.00	37.00	1.00	<0.10			
AP_047	37.00	38.00	1.00	<0.10			
AP_047	38.00	39.00	1.00	<0.10			
AP_047	39.00	40.00	1.00	<0.10			
AP_047	40.00	41.00	1.00	<0.10			
AP_047	41.00	42.00	1.00	<0.10			
AP_047	42.00	43.00	1.00	<0.10			
AP_047	43.00	44.00	1.00	<0.10			
AP_047	44.00	45.00	1.00	<0.10			
AP_047	45.00	46.00	1.00	<0.10			
AP_047	46.00	47.00	1.00	<0.10			
AP_047	47.00	48.00	1.00	<0.10			
AP_047	48.00	49.00	1.00	<0.10			
AP_047	49.00	50.00	1.00	<0.10			
AP_047	50.00	51.00	1.00	<0.10			
AP_047	51.00	52.00	1.00	<0.10			
AP_047	52.00	53.00	1.00	<0.10			
AP_047	53.00	54.00	1.00	<0.10			
AP_047	54.00	55.00	1.00	<0.10			
AP_047	55.00	56.00	1.00	<0.10			
AP_047	56.00	57.00	1.00	<0.10			
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AP_047	58.00	59.00	1.00	<0.10			
AP_047	59.00	60.00	1.00	<0.10			
AP_047	60.00	61.00	1.00	<0.10			
AP_047	61.00	62.00	1.00	<0.10			
AP_047	62.00	63.00	1.00	<0.10			
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AP_048	1.00	2.00	1.00	n/a			
AP_048	2.00	3.00	1.00	n/a			
AP_048	3.00	4.00	1.00	n/a			

AP_048	4.00	5.00	1.00	n/a			
AP_048	5.00	6.00	1.00	n/a			
AP_048	6.00	7.00	1.00	n/a			
AP_048	7.00	8.00	1.00	n/a			
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AP_048	10.00	11.00	1.00	n/a			
AP_048	11.00	12.00	1.00	n/a			
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AP_048	14.00	15.00	1.00	n/a			
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AP_048	16.00	17.00	1.00	n/a			
AP_048	17.00	18.00	1.00	n/a			
AP_048	18.00	19.00	1.00	n/a			
AP_048	19.00	20.00	1.00	n/a			
AP_048	20.00	21.00	1.00	n/a			
AP_048	21.00	22.00	1.00	n/a			
AP_048	22.00	23.00	1.00	n/a			
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AP_048	27.00	28.00	1.00	n/a			
AP_048	28.00	29.00	1.00	n/a			
AP_048	29.00	30.00	1.00	<0.10			
AP_048	30.00	31.00	1.00	<0.10			
AP_048	31.00	32.00	1.00	<0.10			
AP_048	32.00	33.00	1.00	<0.10		<0.005	
AP_048	33.00	34.00	1.00	<0.10			
AP_048	34.00	35.00	1.00	<0.10			
AP_048	35.00	36.00	1.00	<0.10		0.01	
AP_048	36.00	37.00	1.00	<0.10		0.01	
AP_048	37.00	38.00	1.00	<0.10		<0.005	
AP_048	38.00	39.00	1.00	<0.10			
AP_048	39.00	40.00	1.00	<0.10			
AP_048	40.00	41.00	1.00	<0.10			
AP_048	41.00	42.00	1.00	<0.10			
AP_048	42.00	43.00	1.00	<0.10			
AP_048	43.00	44.00	1.00	<0.10			
AP_048	44.00	45.00	1.00	<0.10			
AP_048	45.00	46.00	1.00	<0.10			
AP_048	46.00	47.00	1.00	<0.10			
AP_048	47.00	48.00	1.00	<0.10			
AP_048	48.00	49.00	1.00	<0.10			
AP_048	49.00	50.00	1.00	<0.10			
AP_048	50.00	51.00	1.00	<0.10			
AP_048	51.00	52.00	1.00	<0.10			
AP_048	52.00	53.00	1.00	<0.10			
AP_048	53.00	54.00	1.00	<0.10			
AP_048	54.00	55.00	1.00	<0.10			
AP_048	55.00	56.00	1.00	<0.10			
AP_048	56.00	57.00	1.00	<0.10			
AP_048	57.00	58.00	1.00	<0.10			
AP_048	58.00	59.00	1.00	<0.10			
AP_048	59.00	60.00	1.00	<0.10			
AP_048	60.00	61.00	1.00	<0.10			
AP_048	61.00	62.00	1.00	<0.10			

AP_048	62.00	63.00	1.00	<0.10			
AP_049	0.00	1.00	1.00	n/a			
AP_049	1.00	2.00	1.00	n/a			
AP_049	2.00	3.00	1.00	n/a			
AP_049	3.00	4.00	1.00	n/a			
AP_049	4.00	5.00	1.00	n/a			
AP_049	5.00	6.00	1.00	n/a			
AP_049	6.00	7.00	1.00	n/a			
AP_049	7.00	8.00	1.00	n/a			
AP_049	8.00	9.00	1.00	n/a			
AP_049	9.00	10.00	1.00	n/a			
AP_049	10.00	11.00	1.00	n/a			
AP_049	11.00	12.00	1.00	n/a			
AP_049	12.00	13.00	1.00	n/a			
AP_049	13.00	14.00	1.00	n/a			
AP_049	14.00	15.00	1.00	n/a			
AP_049	15.00	16.00	1.00	n/a			
AP_049	16.00	17.00	1.00	n/a			
AP_049	17.00	18.00	1.00	n/a			
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AP_049	19.00	20.00	1.00	n/a			
AP_049	20.00	21.00	1.00	n/a			
AP_049	21.00	22.00	1.00	n/a			
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AP_049	23.00	24.00	1.00	n/a			
AP_049	24.00	25.00	1.00	n/a			
AP_049	25.00	26.00	1.00	n/a			
AP_049	26.00	27.00	1.00	<0.10			
AP_049	27.00	28.00	1.00	<0.10			
AP_049	28.00	29.00	1.00	<0.10			
AP_049	29.00	30.00	1.00	<0.10			
AP_049	30.00	31.00	1.00	<0.10			
AP_049	31.00	32.00	1.00	<0.10			
AP_049	32.00	33.00	1.00	<0.10			
AP_049	33.00	34.00	1.00	<0.10			
AP_049	34.00	35.00	1.00	<0.10			
AP_049	35.00	36.00	1.00	<0.10			
AP_049	36.00	37.00	1.00	<0.10			
AP_049	37.00	38.00	1.00	<0.10			
AP_049	38.00	39.00	1.00	<0.10			
AP_049	39.00	40.00	1.00	<0.10			
AP_049	40.00	41.00	1.00	<0.10			
AP_049	41.00	42.00	1.00	<0.10			
AP_049	42.00	43.00	1.00	<0.10			
AP_049	43.00	44.00	1.00	<0.10			
AP_049	44.00	45.00	1.00	<0.10			
AP_049	45.00	46.00	1.00	<0.10			
AP_049	46.00	47.00	1.00	<0.10			
AP_049	47.00	48.00	1.00	<0.10			
AP_049	48.00	49.00	1.00	<0.10			
AP_049	49.00	50.00	1.00	<0.10			
AP_049	50.00	51.00	1.00	<0.10			
AP_049	51.00	52.00	1.00	<0.10			
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AP_049	53.00	54.00	1.00	<0.10			
AP_049	54.00	55.00	1.00	<0.10			
AP_049	55.00	56.00	1.00	<0.10			
AP_049	56.00	57.00	1.00	<0.10			

AP_049	57.00	58.00	1.00	<0.10			
AP_049	58.00	59.00	1.00	<0.10			
AP_049	59.00	60.00	1.00	<0.10			
AP_049	60.00	61.00	1.00	<0.10			
AP_049	61.00	62.00	1.00	<0.10			
AP_049	62.00	63.00	1.00	<0.10			
AP_050	0.00	1.00	1.00	<0.10			
AP_050	1.00	2.00	1.00	<0.10			
AP_050	2.00	3.00	1.00	<0.10			
AP_050	3.00	4.00	1.00	<0.10			
AP_050	4.00	5.00	1.00	<0.10			
AP_050	5.00	6.00	1.00	<0.10			
AP_050	6.00	7.00	1.00	<0.10			
AP_050	7.00	8.00	1.00	<0.10			
AP_050	8.00	9.00	1.00	<0.10			
AP_050	9.00	10.00	1.00	<0.10		0.01	
AP_050	10.00	11.00	1.00	<0.10			
AP_050	11.00	12.00	1.00	<0.10			
AP_050	12.00	13.00	1.00	<0.10			
AP_050	13.00	14.00	1.00	<0.10		<0.005	
AP_050	14.00	15.00	1.00	<0.10			
AP_050	15.00	16.00	1.00	<0.10			
AP_050	16.00	17.00	1.00	<0.10			
AP_050	17.00	18.00	1.00	<0.10			
AP_050	18.00	19.00	1.00	<0.10			
AP_050	19.00	20.00	1.00	<0.10			
AP_050	20.00	21.00	1.00	<0.10			
AP_050	21.00	22.00	1.00	<0.10			
AP_050	22.00	23.00	1.00	<0.10			
AP_050	23.00	24.00	1.00	<0.10			
AP_050	24.00	25.00	1.00	<0.10			
AP_050	25.00	26.00	1.00	<0.10			
AP_050	26.00	27.00	1.00	<0.10			
AP_050	27.00	28.00	1.00	<0.10			
AP_050	28.00	29.00	1.00	<0.10			
AP_050	29.00	30.00	1.00	<0.10			
AP_050	30.00	31.00	1.00	<0.10			
AP_050	31.00	32.00	1.00	<0.10			
AP_050	32.00	33.00	1.00	<0.10			
AP_050	33.00	34.00	1.00	<0.10			
AP_050	34.00	35.00	1.00	<0.10			
AP_050	35.00	36.00	1.00	<0.10			
AP_050	36.00	37.00	1.00	<0.10			
AP_050	37.00	38.00	1.00	<0.10			
AP_050	38.00	39.00	1.00	<0.10			
AP_050	39.00	40.00	1.00	<0.10			
AP_050	40.00	41.00	1.00	<0.10			
AP_050	41.00	42.00	1.00	<0.10			
AP_050	42.00	43.00	1.00	<0.10			
AP_050	43.00	44.00	1.00	<0.10			
AP_050	44.00	45.00	1.00	<0.10			
AP_050	45.00	46.00	1.00	<0.10			
AP_050	46.00	47.00	1.00	<0.10			
AP_050	47.00	48.00	1.00	<0.10			
AP_050	48.00	49.00	1.00	<0.10			
AP_050	49.00	50.00	1.00	<0.10			
AP_050	50.00	51.00	1.00	<0.10			
AP_050	51.00	52.00	1.00	<0.10			

AP_050	52.00	53.00	1.00	<0.10			
AP_050	53.00	54.00	1.00	<0.10			
AP_050	54.00	55.00	1.00	<0.10			
AP_050	55.00	56.00	1.00	<0.10			
AP_050	56.00	57.00	1.00	<0.10			
AP_050	57.00	58.00	1.00	<0.10			
AP_050	58.00	59.00	1.00	<0.10			
AP_050	59.00	60.00	1.00	<0.10			
AP_050	60.00	61.00	1.00	<0.10			
AP_050	61.00	62.00	1.00	<0.10			
AP_050	62.00	63.00	1.00	<0.10			
AP_051	0.00	1.00	1.00	<0.10			
AP_051	1.00	2.00	1.00	<0.10			
AP_051	2.00	3.00	1.00	<0.10			
AP_051	3.00	4.00	1.00	<0.10			
AP_051	4.00	5.00	1.00	<0.10			
AP_051	5.00	6.00	1.00	<0.10			
AP_051	6.00	7.00	1.00	<0.10			
AP_051	7.00	8.00	1.00	<0.10			
AP_051	8.00	9.00	1.00	<0.10			
AP_051	9.00	10.00	1.00	<0.10			
AP_051	10.00	11.00	1.00	<0.10			
AP_051	11.00	12.00	1.00	<0.10			
AP_051	12.00	13.00	1.00	<0.10			
AP_051	13.00	14.00	1.00	<0.10			
AP_051	14.00	15.00	1.00	<0.10			
AP_051	15.00	16.00	1.00	<0.10			
AP_051	16.00	17.00	1.00	<0.10			
AP_051	17.00	18.00	1.00	<0.10			
AP_051	18.00	19.00	1.00	<0.10			
AP_051	19.00	20.00	1.00	<0.10			
AP_051	20.00	21.00	1.00	<0.10			
AP_051	21.00	22.00	1.00	<0.10			
AP_051	22.00	23.00	1.00	<0.10			
AP_051	23.00	24.00	1.00	<0.10			
AP_051	24.00	25.00	1.00	<0.10			
AP_051	25.00	26.00	1.00	<0.10			
AP_051	26.00	27.00	1.00	<0.10			
AP_051	27.00	28.00	1.00	<0.10			
AP_051	28.00	29.00	1.00	<0.10			
AP_051	29.00	30.00	1.00	<0.10			
AP_051	30.00	31.00	1.00	<0.10			
AP_051	31.00	32.00	1.00	<0.10			
AP_051	32.00	33.00	1.00	<0.10			
AP_051	33.00	34.00	1.00	<0.10			
AP_051	34.00	35.00	1.00	<0.10			
AP_051	35.00	36.00	1.00	<0.10			
AP_051	36.00	37.00	1.00	<0.10			
AP_051	37.00	38.00	1.00	<0.10			
AP_051	38.00	39.00	1.00	<0.10			
AP_051	39.00	40.00	1.00	<0.10			
AP_051	40.00	41.00	1.00	<0.10			
AP_051	41.00	42.00	1.00	<0.10			
AP_051	42.00	43.00	1.00	<0.10			
AP_051	43.00	44.00	1.00	<0.10			
AP_051	44.00	45.00	1.00	<0.10			
AP_051	45.00	46.00	1.00	<0.10			
AP_051	46.00	47.00	1.00	<0.10			

AP_051	47.00	48.00	1.00	<0.10			
AP_051	48.00	49.00	1.00	<0.10			
AP_051	49.00	50.00	1.00	<0.10			
AP_051	50.00	51.00	1.00	<0.10			
AP_051	51.00	52.00	1.00	<0.10			
AP_051	52.00	53.00	1.00	<0.10			
AP_051	53.00	54.00	1.00	<0.10			
AP_051	54.00	55.00	1.00	<0.10			
AP_051	55.00	56.00	1.00	<0.10			
AP_051	56.00	57.00	1.00	<0.10			
AP_051	57.00	58.00	1.00	<0.10			
AP_051	58.00	59.00	1.00	<0.10			
AP_051	59.00	60.00	1.00	<0.10			
AP_051	60.00	61.00	1.00	<0.10			
AP_051	61.00	62.00	1.00	<0.10		<0.005	
AP_051	62.00	63.00	1.00	<0.10		<0.005	

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