



UNIVERSIDAD
DE MÁLAGA

EXTRACTO DE BAREMACIÓN DE CANDIDATOS
CONCURSO PÚBLICO PARA LA ADJUDICACIÓN DE PLAZA/S DE
PROFESOR AYUDANTE DOCTOR

Concluido el proceso de valoración de méritos de candidato/s al concurso para la adjudicación de plaza/s de Profesor Ayudante Doctor por parte de la Comisión Asesora del Departamento, de acuerdo con los criterios de pertinencia y anexos específicos previamente baremados y en consonancia con el baremo aprobado por el Consejo de Gobierno, cuyos detalles se indican:

Fecha resolución del concurso: **08/03/2021** Publicación BOJA: **16/03/2021**

Código plaza: **110AYD18 - 111AYD18 - 112AYD18 - 113AYD18 - 100AYD19 - 109AYD18**

Área de conocimiento: **PERSONALIDAD, EVALUACIÓN Y TRATAMIENTO PSICOLÓGICO**

Departamento: **PERSONALIDAD, EVALUACIÓN Y TRATAMIENTO PSICOLÓGICO**

Procedo a publicar, en documento adjunto, extracto de la baremación de todos los concursantes, realizada por la Comisión Asesora.

Los interesados podrán presentar alegaciones en el plazo de diez días hábiles, contados desde el siguiente a la publicación del presente extracto, ante la Comisión de Selección de Ayudantes, Profesores Ayudantes Doctores y Profesores Asociados de la Universidad de Málaga. La documentación íntegra del concurso está a disposición de los interesados en el Servicio de Personal Docente e Investigador, 1ª planta del edificio del Pabellón de Gobierno, sito en el Campus de El Ejido.

Málaga, 6 de junio de 2022

El Rector

P.D.F.: El Vicerrector de Personal Docente e Investigador

Fdo.: Tomás Cordero Alcántara



-	110AYD18 - 111AYD18 - 112AYD18 - 113AYD18 - 100AYD19
Área:	PERSONALIDAD, EVALUACIÓN Y TRATAMIENTO PSICOLÓGICO (Personalidad, Evaluación y
Dpto:	PERSONALIDAD, EVALUACIÓN Y TRATAMIENTO PSICOLÓGICO

Nombre	Ptos máximos=				Puntuación mínima exigida: 50				Puesto	nº méritos	Solicitud
	35	15	45	5	Mérito Preferente	Cumple mínima puntuación	Nº positivos				
MEGIÁS ROBLES, ALBERTO	35.37	12.46	185.91	0.01	10%	SI	66	1*	180	92320210404154534	
RUIZ PARRAGA, GEMA TERESA	30.48	25.21	157.29	1.06	10%	SI	65	2*	164	74920210404204833	
FERNÁNDEZ ARTAMENDI, SERGIO	41.32	23.85	119.25	0.41	10%	SI	64	3*	139	423720210704175047	
SERRANO IBÁÑEZ, ELENA ROCÍO	44.34	17.73	97.12	0.17	10%	SI	63	4*	170	72320210405214446	
GÓMEZ PÉREZ, LIDIA	29.47	8.27	131.67	5.50	0%	SI	62	5*	136	502020210704192417	
SAMPEDRO PIQUERO, PATRICIA	42.27	11.14	89.56	0.27	10%	SI	60	6*	250	21520210329191613	
CARREIRA SOLER, MÓNICA	31.84	20.93	86.45	4.14	0%	SI	60	7*	144	38720210405131649	
MORENO PERAL, PATRICIA	17.18	7.22	158.13	5.02	5%	SI	59	8*	159	55920210705000353	
SÁNCHEZ TERUEL, DAVID	16.81	19.91	147.67	0.41	0%	SI	59	9*	248	285820210325200456	
LARA PÉREZ, ELVIRA	34.05	0.92	121.25	0.65	0%	SI	57	10*	201	24420210406003302	
RUIZ ARANDA, DESIRÉE	33.83	19.42	69.70	0.50	10%	SI	56	11*	254	37820210829181758	
SÁNCHEZ ALVAREZ, NICOLAS	20.20	4.92	110.11	4.42	10%	SI	55	12*	207	28020210405134435	
MATEO RODRIGUEZ, INMACULADA	16.35	4.68	115.53	0.31	20%	SI	54	13*	242	362820210622090422	
NAVARRO GÓMEZ, NOELIA	43.40	2.36	82.90	0.00	0%	SI	53	14*	166	330720210623081032	
MORIS FERNANDEZ, JOAQUIN	32.19	13.47	59.52	0.41	20%	SI	52	15*	156	303520210406223046	
PETKARI, ELENI	21.99	21.48	67.30	1.71	10%	SI	50	16*	106	14620210622090937	
ANTÚNEZ VÍLCHEZ, JUAN MANUEL	38.89	13.24	58.51	0.01	0%	SI	50	17*	109	22420210624123523	
GARCÍA SANCHO, ESPERANZA	36.12	15.73	47.63	3.94	10%	SI	49	18*	106	31220210405210437	
FERRAGUT, MARTA	28.65	4.82	89.27	1.53	0%	SI	49	19*	99	51020210705140329	
GUTIÉRREZ COBO, MARÍA JOSÉ	29.90	9.70	74.74	0.00	0%	SI	47	20*	117	75120210403130418	
BLANCO MARTÍNEZ, IVÁN	35.70	16.98	48.06	0.02	0%	SI	43	21*	102	431220210405182852	
ROMERO GONZÁLEZ, BORJA	27.73	11.41	68.43	0.00	0%	SI	43	22*	98	446720210406095843	
VERDEJO ROMÁN, JUAN	21.00	12.17	81.30	0.00	0%	SI	43	23*	207	120720210406132147	
CASADO MARTÍN, YOLANDA	17.73	22.08	62.84	5.01	10%	SI	43	24*	71	51520210705133914	
REIGAL GARRIDO, RAFAEL ENRIQUE	20.74	1.77	109.33	0.00	0%	SI	42	25*	244	78020210405005656	
RUEDA GALLEGO, PILAR	41.02	5.54	50.94	4.13	0%	SI	40	26*	194	43820210705123859	
DELGADO RODRIGUEZ, RAFAEL FRAN	33.35	17.37	46.45	0.01	5%	SI	40	27*	128	67820210401172323	
QUINTANA ORTS, CIRENIA LUZ	27.59	2.41	85.54	0.02	0%	SI	40	28*	102	53220210405191335	
CONEJO CERÓN, SONIA	24.93	1.04	79.56	16.28	0%	SI	40	29*	129	55720210704231239	
LÓPEZ ZAMORA, MIGUEL	36.80	13.09	43.40	5.04	0%	SI	38	30*	184	10120210402153721	
RODRÍGUEZ JIMÉNEZ, TISCAR	19.12	16.64	72.65	0.05	0%	SI	37	31*	121	508320210406111013	
ARAOS GÓMEZ, PEDRO FERNANDO	24.66	4.98	60.51	14.00	10%	SI	37	32*	95	295820210322115355	
GALÁN ORTEGA, SANTIAGO	29.83	8.59	59.18	2.00	0%	SI	34	33*	63	71420210625101939	
CAMACHO CONDE, JOSÉ ANTONIO	20.17	7.20	66.22	5.05	0%	SI	33	34*	283	76820210406234310	
LÓPEZ CHAMORRO, JOSÉ MARÍA	20.94	5.31	73.85	1.15	0%	SI	32	35*	203	288620210406172353	
LÓPEZ BARROSO, DIANA	27.71	5.76	56.72	0.42	10%	SI	31	36*	122	96620210406132358	
CEREZO GUZMÁN, MARÍA VICTORIA	21.60	10.54	55.39	5.06	0%	SI	30	37*	158	80220210705161721	
LEÓN MORENO, CELESTE	38.72	4.81	48.29	0.02	0%	SI	29	38*	130	337620210329150656	
GARRIDO DEL ÁGUILA, DUNIA	32.13	5.03	51.27	2.00	0%	SI	28	39*	111	526920210401123649	
GARRIDO MACÍAS, MARTA	38.10	6.42	45.02	0.02	0%	SI	27	40*	99	503320210622121324	
GÁLVEZ SÁNCHEZ, CARMEN MARÍA	34.93	13.00	40.00	0.00	0%	SI	26	41*	283	520320210405085341	
DÍAZ ROMÁN, AMPARO	21.65	3.96	68.04	0.00	0%	SI	25	42*	112	403420210405195625	
FERNÁNDEZ NAVARRO, PABLO	24.92	1.24	54.96	3.20	10%	SI	24	43*	69	520420210405182855	
RUIZ GARCÍA, ANTONIO	26.85	11.78	38.01	5.08	0%	SI	23	44*	163	68220210402111754	
JUÁREZ RUIZ DE MIER, ROCÍO	20.35	4.29	54.56	5.00	0%	SI	22	45*	178	28920210404192410	
RESURRECCIÓN MENA, DAVINIA MARÍ	23.85	12.12	40.00	0.03	0%	SI	21	46*	82	76420210405184332	
MORENO FERNÁNDEZ, ROMÁN	34.75	4.67	36.57	0.00	0%	SI	20	47*	152	111320210406115604	
CAMACHO MARTEL, LAURA	19.15	5.13	46.11	11.88	0%	SI	19	48*	168	2820210330101231	
PENADO ABILLEIRA, MARÍA	14.30	8.17	47.26	5.00	0%	SI	17	49*	50	507020210401104918	
LÓPEZ LÓPEZ, JUAN CARLOS	35.82	8.77	29.64	0.00	0%	SI	17	50*	74	532120210404120813	
MONTERO LÓPEZ, EVA	24.16	8.13	34.85	8.41	0%	SI	16	51*	106	249520210406210951	
TORRES PRIORIS, MARÍA JOSÉ	40.42	6.42	27.45	0.01	0%	SI	15	52*	140	75920210406155606	
FLORES MARTÍN, AMANDA	33.43	7.53	31.77	0.50	0%	SI	15	53*	82	75520210326094826	
LÓPEZ BENÍTEZ, RAÚL	30.02	7.61	33.93	0.00	0%	SI	13	54*	89	397620210406110153	
MARTÍNEZ GARCÍA, INMACULADA	29.05	12.50	29.51	0.10	0%	SI	12	55*	236	12820210405215941	
HERRUZO PINO, CARLOS	20.27	1.10	49.07	0.02	5%	SI	11	56*	97	249920210703191535	
LADRÓN DE GUEVARA MIRANDA, DAV	33.79	7.94	29.30	0.00	0%	SI	10	57*	104	288720210406124616	
GÓMEZ PÉREZ, MARÍA DEL MAR	20.58	3.48	48.21	0.00	0%	SI	9	58*	71	74220210323193832	
CHAPADO DE LA CALLE, FERNANDO	18.50	8.37	36.70	1.52	0%	SI	8	59*	193	180720210906100158	
LARA MORENO, RAQUEL	16.36	6.12	39.77	0.43	0%	SI	7	60*	168	21820210624130927	
BERMÚDEZ MARGARETTO, BEATRIZ	28.67	5.13	23.33	1.70	0%	SI	6	61*	88	507920210403163621	
CID FERNÁNDEZ, SUSANA	17.25	0.53	36.12	0.00	10%	SI	5	62*	49	514120210401121730	
CIRIA PEREZ, LUIS FERNANDO	19.10	1.65	34.08	0.79	0%	SI	4	63*	87	398120210331113115	
ESPAÑOL NOGUEIRO, ALICIA	37.00	3.78	14.12	0.00	0%	SI	3	64*	94	512120210406134827	
RODRÍGUEZ ÁRBOL, JAVIER	32.50	9.30	11.68	0.75	0%	SI	2	65*	46	375220210328144230	
GUERRA BUSTAMANTE, JOAN	13.86	6.97	28.04	4.37	0%	SI	1	66*	153	504920210405121356	
GÓMEZ LÓPEZ, MARÍA DE LAS MERCE	22.25	0.26	28.78	0.05	0%	SI	0	67*	94	449620210328211440	
VALLE MUÑOZ, TANIA MIREYA	27.77	3.75	11.67	0.00	0%	NO			43.19	37	443320210405160427
RUTE PÉREZ, SANDRA	12.27	2.61	19.14	0.08	0%	NO			34.10	55	301920210329120701

El Presidente de la Comisión Asesora	El Secretario de la Comisión Asesora
Firmado:	Firmado:

Vocal 1	Vocal 2	Vocal 3
Firmado:	Firmado:	Firmado:

Código Seguro de Verificación (CSV) : PFIRMA-a6d8-bae9-1d74-a1dc-9d2c-4956-1b99-befd

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FIRMANTE(1) : TOMAS CORDERO ALCANTARA | FECHA : 07/06/2022 09:43 |



Málaga, 31 de mayo de 2022

Resultado comparaciones por pares

	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°
1°		3.8	5.2	11.9	22.7	21.0	21.9	27.6	26.1	32.4	26.6	38.3	42.2	33.1	33.9	36.8
2°	-3.8		4.2	13.3	18.9	20.7	22.9	22.0	24.7	26.1	28.2	33.8	36.9	30.0	35.0	38.4
3°	-5.2	-4.2		10.9	15.0	19.7	23.0	16.4	18.2	24.0	29.6	29.6	30.5	30.5	36.8	38.1
4°	-11.9	-13.3	-10.9		6.4	11.0	13.0	8.7	7.4	16.5	20.6	19.8	20.6	25.0	29.4	28.7
5°	-22.7	-18.9	-15.0	-6.4		2.6	5.2	4.0	3.6	10.7	10.4	17.2	19.0	16.3	17.3	21.4
6°	-21.0	-20.7	-19.7	-11.0	-2.6		3.8	0.8	-0.6	8.2	11.3	11.1	12.3	16.0	19.5	20.4
7°	-21.9	-22.9	-23.0	-13.0	-5.2	-3.8		1.0	0.8	2.7	7.8	8.7	10.6	10.0	16.5	18.4
8°	-27.6	-22.0	-16.4	-8.7	-4.0	-0.8	-1.0		0.6	6.5	3.9	12.7	15.9	12.4	10.2	14.7
9°	-26.1	-24.7	-18.2	-7.4	-3.6	0.6	-0.8	-0.6		4.9	4.9	12.0	14.8	11.9	12.7	14.9
10°	-32.4	-26.1	-24.0	-16.5	-10.7	-8.2	-2.7	-6.5	-4.9		2.6	6.1	7.8	5.9	8.0	14.2
11°	-26.6	-28.2	-29.6	-20.6	-10.4	-11.3	-7.8	-3.9	-4.9	-2.6		2.7	4.9	2.6	9.7	10.9
12°	-38.3	-33.8	-29.6	-19.8	-17.2	-11.1	-8.7	-12.7	-12.0	-6.1	-2.7		1.4	3.9	3.8	8.6
13°	-42.2	-36.9	-30.5	-20.6	-19.0	-12.3	-10.6	-15.9	-14.8	-7.8	-4.9	-1.4		2.5	1.4	6.4
14°	-33.1	-30.0	-30.5	-25.0	-16.3	-16.0	-10.0	-12.4	-11.9	-5.9	-2.6	-3.9	-2.5		3.7	7.0
15°	-33.9	-35.0	-36.8	-29.4	-17.3	-19.5	-16.5	-10.2	-12.7	-8.0	-9.7	-3.8	-1.4	-3.7		1.6
16°	-36.8	-38.4	-38.1	-28.7	-21.4	-20.4	-18.4	-14.7	-14.9	-14.2	-10.9	-8.6	-6.4	-7.0	-1.6	
17°	-31.4	-33.4	-36.5	-30.7	-16.5	-21.1	-17.8	-10.0	-12.7	-7.3	-12.4	-4.9	-2.7	-6.0	-4.4	-2.6
18°	-29.1	-31.8	-35.7	-29.6	-15.0	-20.2	-17.5	-6.9	-9.9	-6.1	-12.9	-2.8	-0.3	-5.7	-4.9	-2.6
19°	-40.7	-37.5	-37.4	-30.1	-22.4	-21.0	-15.9	-16.2	-16.2	-12.5	-9.1	-7.6	-5.6	-4.7	-2.1	2.5
20°	-39.6	-39.0	-40.3	-33.2	-22.6	-23.9	-20.2	-15.8	-17.2	-13.3	-13.1	-8.9	-6.6	-8.0	-4.5	-1.6
21°	-33.5	-36.6	-40.8	-34.8	-19.7	-25.9	-23.1	-11.8	-14.4	-12.0	-19.0	-8.4	-5.7	-12.2	-11.5	-8.8
22°	-41.6	-41.9	-43.4	-36.4	-25.2	-27.2	-24.5	-18.0	-20.0	-16.1	-18.1	-11.9	-9.5	-11.4	-8.9	-6.7
23°	-44.3	-44.5	-43.8	-35.1	-26.8	-25.5	-23.9	-20.3	-22.3	-17.3	-16.4	-12.6	-10.5	-9.1	-7.4	-5.2
24°	-38.7	-40.4	-39.9	-30.7	-24.2	-22.9	-21.5	-16.9	-17.0	-16.9	-14.7	-11.5	-9.2	-9.8	-5.7	-3.8
25°	-48.2	-43.0	-40.0	-31.3	-27.9	-23.0	-19.5	-23.0	-21.8	-17.5	-13.8	-11.8	-10.2	-8.0	-8.0	-2.2
26°	-35.2	-34.6	-38.3	-34.9	-21.7	-26.7	-21.7	-15.0	-15.9	-12.1	-17.6	-10.6	-8.4	-12.0	-12.2	-7.9
27°	-35.5	-38.4	-42.3	-36.0	-21.6	-27.3	-24.8	-13.4	-15.9	-14.0	-20.6	-10.1	-7.3	-13.7	-13.0	-10.1
28°	-46.5	-42.5	-42.7	-36.2	-28.5	-27.7	-22.1	-22.3	-21.7	-18.9	-15.2	-14.1	-12.0	-11.3	-8.6	-3.3
29°	-47.0	-42.0	-42.8	-37.1	-26.3	-29.1	-21.0	-19.6	-22.0	-19.7	-16.6	-12.5	-13.2	-13.0	-10.2	-3.7
30°	-32.0	-34.3	-39.1	-34.4	-18.8	-25.5	-22.4	-10.4	-13.3	-9.8	-19.0	-7.2	-4.5	-11.0	-12.6	-8.9
31°	-44.2	-46.2	-45.8	-36.8	-27.9	-27.4	-21.1	-23.4	-19.4	-19.8	-14.7	-12.4	-12.2	-9.8	-8.8	-8.8
32°	-46.5	-43.7	-45.5	-40.0	-27.3	-31.9	-25.4	-19.9	-23.3	-20.9	-22.0	-14.4	-14.6	-16.4	-14.8	-9.5
33°	-42.5	-42.2	-44.9	-39.4	-27.3	-30.9	-27.2	-19.4	-20.9	-18.2	-22.2	-14.4	-11.9	-15.6	-14.9	-10.8
34°	-48.8	-47.6	-48.3	-42.0	-33.2	-33.7	-31.1	-25.4	-26.4	-23.7	-25.4	-19.6	-17.2	-18.0	-17.2	-13.7
35°	-51.9	-49.7	-49.8	-43.3	-35.2	-35.0	-31.6	-28.2	-28.6	-25.8	-24.9	-21.5	-19.2	-18.9	-17.2	-13.0
36°	-48.3	-46.6	-48.9	-43.6	-32.6	-35.4	-31.2	-25.0	-25.7	-23.6	-26.0	-19.6	-17.1	-20.0	-19.0	-14.3
37°	-46.7	-47.3	-49.1	-43.0	-32.1	-34.7	-32.9	-23.7	-25.8	-22.9	-28.3	-19.2	-16.6	-19.3	-21.1	-17.2
38°	-42.4	-41.4	-45.8	-42.6	-28.6	-34.8	-29.3	-21.4	-22.2	-19.6	-25.7	-17.5	-15.1	-20.1	-20.6	-15.4
39°	-45.7	-44.3	-48.2	-44.3	-31.2	-36.5	-31.6	-22.9	-23.7	-22.4	-27.7	-18.9	-16.2	-21.6	-22.2	-16.3
40°	-42.1	-41.8	-46.6	-43.3	-28.5	-35.3	-30.3	-21.0	-22.3	-19.7	-27.0	-17.6	-15.0	-20.8	-22.0	-16.8
41°	-39.7	-41.9	-47.1	-42.6	-26.1	-33.9	-30.9	-17.3	-20.3	-17.9	-28.0	-14.8	-11.8	-19.5	-21.9	-17.4
42°	-55.1	-52.6	-53.4	-47.7	-38.9	-39.8	-36.1	-31.7	-31.9	-29.8	-30.2	-25.6	-23.2	-24.0	-22.7	-18.2
43°	-53.2	-49.9	-52.0	-47.7	-38.0	-40.5	-35.5	-30.1	-29.8	-28.8	-30.7	-25.0	-22.4	-25.0	-25.0	-18.8
44°	-44.4	-46.3	-50.4	-45.9	-31.5	-37.8	-35.8	-22.1	-24.9	-22.9	-33.3	-19.8	-16.9	-23.3	-27.7	-22.7
45°	-54.3	-52.5	-54.4	-49.7	-39.9	-42.4	-39.2	-31.5	-32.0	-30.7	-34.9	-27.1	-24.4	-27.0	-29.2	-23.4
46°	-51.5	-53.5	-57.0	-52.0	-38.1	-43.9	-42.6	-29.3	-32.0	-29.8	-39.8	-26.7	-23.8	-29.3	-33.8	-29.1
47°	-49.1	-48.0	-53.7	-51.3	-35.8	-44.1	-38.8	-26.8	-27.8	-27.6	-36.9	-24.7	-21.7	-29.8	-33.0	-25.7
48°	-56.7	-55.0	-57.8	-53.8	-40.0	-46.6	-41.8	-31.4	-34.9	-33.9	-40.7	-28.4	-27.9	-31.8	-35.7	-28.6
49°	-58.2	-58.4	-59.8	-54.6	-44.6	-47.2	-46.2	-35.8	-37.4	-35.6	-42.7	-32.3	-29.5	-32.0	-36.9	-31.6
50°	-45.6	-46.6	-52.9	-50.2	-33.2	-42.6	-38.5	-24.1	-26.2	-25.1	-37.2	-22.7	-19.7	-28.6	-33.2	-26.8
51°	-51.5	-51.6	-56.0	-52.5	-36.8	-45.2	-41.2	-27.4	-31.2	-30.1	-40.7	-25.7	-24.4	-30.8	-36.3	-29.4
52°	-44.5	-45.3	-51.3	-49.6	-33.0	-42.2	-37.8	-25.1	-26.8	-24.4	-36.6	-23.7	-21.0	-28.4	-33.6	-27.4
53°	-48.2	-48.5	-54.4	-51.7	-35.5	-44.2	-40.1	-28.2	-27.9	-27.4	-38.6	-24.6	-21.5	-30.1	-34.6	-27.8
54°	-51.5	-51.8	-56.9	-53.8	-38.5	-46.4	-42.8	-29.4	-31.1	-30.4	-41.0	-27.5	-24.5	-32.1	-36.8	-30.2
55°	-48.5	-51.0	-56.2	-52.4	-36.0	-44.4	-42.5	-26.6	-29.7	-28.0	-41.0	-25.3	-22.2	-30.3	-36.1	-30.6
56°	-63.3	-60.4	-62.6	-58.8	-48.7	-52.1	-48.1	-40.6	-40.4	-40.1	-44.4	-36.6	-33.9	-36.9	-39.7	-32.7
57°	-48.5	-49.1	-55.2	-52.7	-36.0	-45.3	-41.2	-26.6	-28.5	-28.0	-40.0	-25.3	-22.2	-31.3	-36.2	-29.3
58°	-61.5	-59.6	-62.1	-58.1	-47.2	-51.2	-47.8	-38.9	-39.3	-38.7	-44.4	-35.3	-32.5	-36.1	-39.6	-32.9
59°	-59.9	-60.5	-63.6	-59.5	-46.9	-52.3	-50.9	-37.8	-39.7	-38.6	-48.7	-35.6	-32.7	-37.6	-43.9	-37.8
60°	-64.6	-64.2	-66.8	-62.7	-51.3	-55.8	-54.1	-42.4	-43.7	-43.0	-51.6	-39.9	-36.9	-41.0	-47.1	-40.5
61°	-56.1	-55.9	-61.9	-60.2	-44.4	-53.6	-49.8	-34.5	-35.9	-36.5	-49.4	-34.0	-30.8	-39.7	-46.9	-38.6
62°	-69.8	-67.1	-70.0	-67.2	-56.4	-61.1	-57.7	-47.6	-47.5	-48.1	-55.5	-45.0	-42.1	-46.4	-52.3	-44.0
63°	-67.4	-65.4	-69.0	-66.6	-54.6	-60.5	-57.2	-45.4	-45.7	-46.4	-55.7	-43.6	-40.5	-46.0	-52.8	-44.4
64°	-53.2	-53.1	-60.9	-60.7	-42.5	-54.4	-49.2	-32.9	-34.2	-34.8	-50.0	-33.4	-30.2	-41.1	-48.9	-39.9
65°	-51.9	-53.9	-61.4	-60.0	-41.3	-53.1	-50.0	-30.8	-33.4	-33.7	-50.9	-31.7	-28.2	-39.8	-48.7	-40.6
66°	-65.1	-65.6	-68.8	-65.5	-53.3	-59.0	-58.2	-43.5	-45.2	-45.0	-57.1	-42.4	-39.2	-44.6	-53.7	-46.3
67°	-67.7	-65.3	-70.0	-68.5	-55.3	-62.7	-58.5	-45.9	-46.0	-47.4	-57.7	-44.7	-41.6	-48.5	-55.8	-46.5

	17°	18°	19°	20°	21°	22°	23°	24°	25°	26°	27°	28°	29°	30°	31°	32°
1°	31.4	29.1	40.7	39.6	33.5	41.6	44.3	38.7	48.2	35.2	35.5	46.5	47.0	32.0	44.2	46.5
2°	33.4	31.8	37.5	39.0	36.6	41.9	44.5	40.4	43.0	34.6	38.4	42.5	42.0	34.3	46.2	43.7
3°	36.5	35.7	37.4	40.3	40.8	43.4	43.8	39.9	40.0	38.3	42.3	42.7	42.8	39.1	45.8	45.5
4°	30.7	29.6	30.1	33.2	34.8	36.4	35.1	30.7	31.3	34.9	36.0	36.2	37.1	34.4	36.8	40.0
5°	16.5	15.0	22.4	22.6	19.7	25.2	26.8	24.2	27.9	21.7	21.6	28.5	26.3	18.8	27.9	27.3
6°	21.1	20.2	21.0	23.9	25.9	27.2	25.5	22.9	23.0	26.7	27.3	27.7	29.1	25.5	27.4	31.9
7°	17.8	17.5	15.9	20.2	23.1	24.5	23.9	21.5	19.5	21.7	24.8	22.1	21.0	22.4	27.1	25.4
8°	10.0	6.9	16.2	15.8	11.8	18.0	20.3	16.9	23.0	15.0	13.4	22.3	19.6	10.4	21.1	19.9
9°	12.7	9.9	16.2	17.2	14.4	20.0	22.3	17.0	21.8	15.9	15.9	21.7	22.0	13.3	23.4	23.3
10°	7.3	6.1	12.5	13.3	12.0	16.1	17									

12°	4.9	2.8	7.6	8.9	8.4	11.9	12.6	11.5	11.8	10.6	10.1	14.1	12.5	7.2	14.7	14.4
13°	2.7	0.3	5.6	6.6	5.7	9.5	10.5	9.2	10.2	8.4	7.3	12.0	13.2	4.5	12.4	14.6
14°	6.0	5.7	4.7	8.0	12.2	11.4	9.1	9.8	8.0	12.0	13.7	11.3	13.0	11.0	12.2	16.4
15°	4.4	4.9	2.1	4.5	11.5	8.9	7.4	5.7	8.0	12.2	13.0	8.6	10.2	12.6	9.8	14.8
16°	2.6	2.6	-2.5	1.6	8.8	6.7	5.2	3.8	2.2	7.9	10.1	3.3	3.7	8.9	8.8	9.5
17°		0.9	0.6	1.9	7.6	5.4	4.6	0.4	6.9	7.6	8.9	6.8	7.9	8.7	5.9	10.1
18°	-0.9		1.5	2.3	7.3	5.6	6.0	0.5	8.7	6.6	8.6	7.4	5.7	9.3	7.0	7.2
19°	-0.6	-1.5		2.7	4.6	6.4	5.8	5.9	4.2	5.5	6.4	6.9	7.9	3.6	8.7	10.8
20°	-1.9	-2.3	-2.7		3.9	4.3	2.8	2.1	2.8	4.9	5.5	3.9	5.9	3.9	5.7	9.9
21°	-7.6	-7.3	-4.6	-3.9		-0.6	0.3	-5.9	2.9	-1.1	1.3	1.1	1.8	1.8	1.3	2.7
22°	-5.4	-5.6	-6.4	-4.3	0.6		-1.2	-2.7	-0.2	1.9	2.1	0.1	1.9	1.1	1.2	5.7
23°	-4.6	-6.0	-5.8	-2.8	-0.3	1.2		-1.7	-0.9	2.2	1.2	0.9	3.2	0.0	2.6	6.7
24°	-0.4	-0.5	-5.9	-2.1	5.9	2.7	1.7		-0.8	5.3	7.1	-0.2	-2.3	6.4	5.1	3.3
25°	-6.9	-8.7	-4.2	-2.8	-2.9	0.2	0.9	0.8		-1.2	-1.2	2.3	3.8	-4.5	3.3	5.5
26°	-7.6	-6.6	-5.5	-4.9	1.1	-1.9	-2.2	-5.3	1.2		2.4	0.5	-1.7	1.8	-0.7	-0.6
27°	-8.9	-8.6	-6.4	-5.5	-1.3	-2.1	-1.2	-7.1	1.2	-2.4		-0.7	0.1	0.6	0.0	1.2
28°	-6.8	-7.4	-6.9	-3.9	-1.1	-0.1	-0.9	0.2	-2.3	-0.5	0.7		2.2	-2.2	2.4	5.4
29°	-7.9	-5.7	-7.9	-5.9	-1.8	-1.9	-3.2	2.3	-3.8	1.7	-0.1	-2.2		0.6	0.6	4.4
30°	-8.7	-9.3	-3.6	-3.9	-1.8	-1.1	0.0	-6.4	4.5	-1.8	-0.6	2.2	-0.6		0.5	-0.8
31°	-5.9	-7.0	-8.7	-5.7	-1.3	-1.2	-2.6	-5.1	-3.3	0.7	0.0	-2.4	-0.6	-0.5		3.8
32°	-10.1	-7.2	-10.8	-9.9	-2.7	-5.7	-6.7	-3.3	-5.5	0.6	-1.2	-5.4	-4.4	0.8	-3.8	
33°	-10.3	-9.7	-9.8	-8.5	-2.7	-4.8	-5.0	-7.2	-2.7	-2.4	-1.2	-3.5	-3.5	-2.2	-2.9	-1.0
34°	-12.7	-13.1	-14.2	-12.4	-6.6	-8.2	-9.2	-9.6	-7.9	-4.8	-5.1	-7.8	-9.6	-6.2	-6.5	-5.7
35°	-13.6	-14.4	-15.4	-12.7	-7.9	-8.4	-9.9	-9.2	-9.7	-6.4	-6.4	-8.8	-7.6	-8.2	-6.6	-3.5
36°	-14.1	-13.2	-14.7	-13.1	-6.0	-9.2	-9.7	-10.5	-7.9	-5.8	-4.5	-8.3	-7.1	-5.5	-7.2	-4.1
37°	-15.7	-15.5	-14.9	-14.1	-8.6	-10.6	-10.4	-13.8	-7.6	-7.0	-7.3	-8.7	-10.9	-7.2	-8.8	-9.0
38°	-16.4	-15.8	-13.1	-12.8	-7.8	-9.9	-9.6	-12.7	-5.8	-9.1	-6.4	-7.1	-6.4	-7.0	-8.1	-6.0
39°	-17.9	-17.0	-15.0	-14.6	-9.3	-11.3	-10.6	-13.0	-7.3	-9.9	-7.7	-8.9	-9.2	-8.6	-8.8	-8.1
40°	-17.9	-17.9	-13.5	-13.6	-10.0	-10.8	-10.1	-14.2	-5.9	-10.9	-8.7	-7.7	-7.0	-8.8	-8.9	-7.2
41°	-18.1	-19.4	-11.9	-12.6	-11.8	-9.9	-8.1	-14.8	-3.1	-11.5	-10.7	-6.1	-5.4	-10.3	-7.7	-6.5
42°	-18.5	-18.8	-20.1	-18.0	-12.1	-13.8	-14.9	-14.1	-13.9	-10.9	-10.5	-13.6	-11.9	-12.2	-11.8	-8.0
43°	-19.9	-18.8	-20.2	-18.8	-11.2	-15.0	-15.4	-15.0	-13.3	-11.2	-9.6	-13.9	-14.6	-11.0	-12.5	-11.9
44°	-23.1	-25.2	-17.2	-18.1	-17.7	-15.5	-13.5	-20.1	-8.2	-16.3	-16.8	-11.4	-14.3	-16.1	-13.2	-15.4
45°	-23.7	-23.3	-22.9	-22.1	-15.9	-18.6	-18.3	-19.9	-15.4	-15.0	-14.5	-16.7	-18.9	-15.3	-16.2	-17.1
46°	-28.9	-30.9	-23.8	-24.5	-23.4	-21.8	-20.0	-26.5	-15.1	-21.8	-22.5	-18.0	-17.4	-21.7	-19.6	-18.4
47°	-29.2	-30.8	-22.1	-23.2	-22.6	-20.7	-18.5	-23.1	-13.0	-23.0	-21.4	-16.4	-15.9	-22.2	-17.6	-17.5
48°	-30.4	-29.1	-26.6	-27.6	-23.5	-24.5	-23.4	-23.7	-19.3	-20.1	-22.4	-21.5	-22.0	-19.2	-21.8	-21.3
49°	-30.9	-32.1	-28.7	-28.7	-24.5	-25.6	-24.5	-28.5	-20.6	-22.5	-23.4	-22.7	-25.2	-22.7	-23.2	-24.7
50°	-29.4	-32.4	-20.6	-22.3	-24.4	-20.2	-17.5	-24.5	-11.1	-24.2	-23.6	-15.0	-14.9	-24.0	-17.5	-17.8
51°	-31.6	-32.8	-24.5	-26.3	-26.5	-23.9	-21.6	-25.6	-15.9	-23.5	-25.7	-19.4	-21.4	-23.5	-21.1	-22.9
52°	-29.4	-32.7	-20.9	-22.6	-24.6	-20.9	-18.7	-25.8	-12.0	-24.5	-24.0	-15.5	-15.7	-24.5	-18.8	-19.0
53°	-30.7	-33.4	-22.5	-24.0	-25.4	-21.8	-19.1	-25.4	-13.0	-25.1	-24.4	-16.9	-16.9	-24.9	-18.8	-19.4
54°	-32.5	-35.0	-25.3	-26.5	-27.1	-24.2	-21.8	-27.7	-15.9	-26.5	-26.2	-19.6	-19.2	-26.4	-21.3	-21.3
55°	-31.8	-35.4	-23.5	-25.2	-27.8	-23.1	-20.2	-28.5	-13.7	-26.2	-27.1	-17.8	-17.7	-26.7	-20.5	-20.6
56°	-34.3	-34.0	-32.6	-32.2	-26.0	-28.9	-28.3	-29.3	-24.9	-25.7	-24.6	-26.5	-25.4	-25.2	-26.0	-24.4
57°	-32.4	-35.4	-23.5	-25.2	-27.4	-23.1	-20.2	-27.1	-13.7	-27.0	-26.6	-17.9	-17.7	-27.1	-20.1	-20.6
58°	-34.2	-34.6	-31.6	-31.5	-26.6	-28.4	-27.4	-29.8	-23.6	-26.0	-25.6	-24.6	-25.5	-25.6	-24.2	-24.2
59°	-38.5	-41.3	-33.1	-34.1	-33.6	-31.6	-29.5	-35.2	-24.0	-31.6	-32.8	-27.3	-27.9	-32.3	-28.9	-29.4
60°	-41.4	-43.8	-37.0	-37.7	-35.9	-35.1	-33.2	-37.8	-28.2	-34.0	-35.0	-31.2	-30.9	-34.6	-32.2	-31.9
61°	-42.7	-47.0	-32.7	-35.0	-38.8	-33.3	-29.8	-36.7	-22.4	-37.8	-38.2	-27.3	-28.4	-39.1	-29.7	-32.4
62°	-46.6	-48.7	-42.2	-42.9	-40.4	-40.2	-38.4	-41.2	-33.4	-39.3	-39.4	-36.4	-35.7	-39.8	-36.8	-36.8
63°	-47.4	-50.4	-41.3	-42.5	-42.1	-40.2	-37.8	-41.8	-32.0	-40.8	-41.3	-35.6	-35.7	-41.8	-36.7	-37.8
64°	-45.3	-50.7	-32.6	-35.7	-42.2	-34.6	-30.4	-38.6	-21.8	-41.8	-41.9	-27.3	-27.9	-43.4	-31.0	-33.5
65°	-45.0	-51.3	-31.6	-35.0	-43.3	-33.9	-29.2	-39.3	-20.2	-41.6	-43.0	-26.3	-27.3	-43.9	-30.3	-33.4
66°	-47.9	-52.5	-40.7	-42.5	-44.6	-40.5	-37.4	-44.2	-30.8	-41.7	-44.2	-35.1	-37.9	-44.0	-37.3	-40.9
67°	-50.8	-54.4	-42.9	-44.7	-46.0	-42.7	-39.7	-44.1	-33.1	-44.9	-45.2	-37.3	-37.2	-46.2	-38.8	-40.2

	33°	34°	35°	36°	37°	38°	39°	40°	41°	42°	43°	44°	45°	46°	47°	48°
1°	42.5	48.8	51.9	48.3	46.7	42.4	45.7	42.1	39.7	55.1	53.2	44.4	54.3	51.5	49.1	56.7
2°	42.2	47.6	49.7	46.6	47.3	41.4	44.3	41.8	41.9	52.6	49.9	46.3	52.5	53.5	48.0	55.0
3°	44.9	48.3	49.8	48.9	49.1	45.8	48.2	46.6	47.1	53.4	52.0	50.4	54.4	57.0	53.7	57.8
4°	39.4	42.0	43.3	43.6	43.0	42.6	44.3	43.3	42.6	47.7	47.7	45.9	49.7	52.0	51.3	53.8
5°	27.3	33.2	35.2	32.6	32.1	28.6	31.2	28.5	26.1	38.9	38.0	31.5	39.9	38.1	35.8	40.0
6°	30.9	33.7	35.0	35.4	34.7	34.8	36.5	35.3	33.9	39.8	40.5	37.8	42.4	43.9	44.1	46.6
7°	27.2	31.1	31.6	31.2	32.9	29.3	31.6	30.3	30.9	36.1	35.5	35.8	39.2	42.6	38.8	41.8
8°	19.4	25.4	28.2	25.0	23.7	21.4	22.9	21.0	17.3	31.7	30.1	22.1	31.5	29.3	26.8	31.4
9°	20.9	26.4	28.6	25.7	25.8	22.2	23.7	22.3	20.3	31.9	29.8	24.9	32.0	32.0	27.8	34.9
10°	18.2	23.7	25.8	23.6	22.9	19.6	22.4	19.7	17.9	29.8	28.8	22.9	30.7	29.8	27.6	33.9
11°	22.2	25.4	24.9	26.0	28.3	25.7	27.7	27.0	28.0	30.2	30.7	33.3	34.9	39.8	36.9	40.7
12°	14.4	19.6	21.5	19.6	19.2	17.5	18.9	17.6	14.8	25.6	25.0	19.8	27.1	26.7	24.7	28.4
13°	11.9	17.2	19.2	17.1	16.6	15.1	16.2	15.0	11.8	23.2	22.4	16.9	24.4	23.8	21.7	27.9
14°	15.6	18.0	18.9	20.0	19.3	20.1	21.6	20.8	19.5	24.0	25.0	23.3	27.0	29.3	29.8	31.8
15°	14.9	17.2	17.2	19.0	21.1	20.6	22.2	22.0	21.9	22.7	25.0	27.7	29.2	33.8	33.0	35.7
16°	10.8	13.7	13.0	14.3	17.2	15.4	16.3	16.8	17.4	18.2	18.8	22.7	23.4	29.1	25.7	28.6
17°	10.3	12.7	13.6	14.1	15.7	16.4	17.9	17.9	18.1	18.5	19.9	23.1	23.7	28.9	29.2	30.4
18°	9.7	13.1	14.4	13.2	15.5	15.8	17.0	17.9	19.4	18.8	18.8	25.2	23.3	30.9	30.8	29.1
19°	9.8	14.2	15.4	14.7	14.9	13.1	15.0	13.5	11.9	20.1	20.2	17.2	22.9	23.8	22.1	26.6
20°	8.5	12.4	12.7	13.1	14.1	12.8	14.6	13.6	12.6	18.0	18.8	18.1	22.1	24.5	23.2	27.6
21°	2.7	6.6	7.9	6.0	8.6	7.8	9.3	10.0	11.8	12.1	11.2	17.7	15.9	23.4	22.6	23.5
22°	4.8	8.2	8.4	9.2	10.6	9.9	11.3	10.8	9.9	13.8	15.0	15.5	18.6	21.8	20.7	24.5
23°	5.0	9.2	9.9	9.7	10.4	9.6	10.6	10.1	8.1	14.9	15.4	13.5	18.3	20.0	18.5	23.4
24°	7.2	9.6	9.2	10.5	13.8	12.7	13.0	14.2								

29°	3.5	9.6	7.6	7.1	10.9	6.4	9.2	7.0	5.4	11.9	14.6	14.3	18.9	17.4	15.9	22.0
30°	2.2	6.2	8.2	5.5	7.2	7.0	8.6	8.8	10.3	12.2	11.0	16.1	15.3	21.7	22.2	19.2
31°	2.9	6.5	6.6	7.2	8.8	8.1	8.8	8.9	7.7	11.8	12.5	13.2	16.2	19.6	17.6	21.8
32°	1.0	5.7	3.5	4.1	9.0	6.0	8.1	7.2	6.5	8.0	11.9	15.4	17.1	18.4	17.5	21.3
33°		3.3	4.1	4.1	6.1	6.0	7.3	7.3	7.1	8.9	10.1	12.9	14.3	19.0	18.2	19.9
34°	-3.3		0.3	1.1	2.6	2.8	3.4	3.7	2.3	5.5	7.0	7.9	10.7	14.2	13.1	13.9
35°	-4.1	-0.3		0.5	1.5	1.1	2.0	1.8	0.1	5.3	6.2	5.6	9.5	12.0	10.7	14.4
36°	-4.1	-1.1	-0.5		2.3	2.6	3.6	4.0	3.7	4.5	6.1	9.6	10.5	15.7	15.0	17.3
37°	-6.1	-2.6	-1.5	-2.3		1.0	1.4	2.4	1.7	3.2	3.7	7.6	8.2	13.6	13.0	12.5
38°	-6.0	-2.8	-1.1	-2.6	-1.0		1.2	2.0	3.0	3.2	2.9	8.4	7.0	13.8	14.7	14.4
39°	-7.3	-3.4	-2.0	-3.6	-1.4	-1.2		0.6	1.1	2.4	2.3	7.1	6.8	13.0	12.6	13.2
40°	-7.3	-3.7	-1.8	-4.0	-2.4	-2.0	-0.6		1.4	2.4	1.5	7.0	5.6	12.4	13.3	12.6
41°	-7.1	-2.3	-0.1	-3.7	-1.7	-3.0	-1.1	-1.4		3.8	1.8	6.3	6.3	11.9	11.9	12.7
42°	-8.9	-5.5	-5.3	-4.5	-3.2	-3.2	-2.4	-2.4	-3.8		1.3	1.8	4.9	8.2	7.0	10.8
43°	-10.1	-7.0	-6.2	-6.1	-3.7	-2.9	-2.3	-1.5	-1.8	-1.3		4.0	4.5	10.1	9.5	10.0
44°	-12.9	-7.9	-5.6	-9.6	-7.6	-8.4	-7.1	-7.0	-6.3	-1.8	-4.0		0.4	5.6	5.7	3.6
45°	-14.3	-10.7	-9.5	-10.5	-8.2	-7.0	-6.8	-5.6	-6.3	-4.9	-4.5	-0.4		5.6	5.1	4.4
46°	-19.0	-14.2	-12.0	-15.7	-13.6	-13.8	-13.0	-12.4	-11.9	-8.2	-10.1	-5.6	-5.6		0.0	0.7
47°	-18.2	-13.1	-10.7	-15.0	-13.0	-14.7	-12.6	-13.3	-11.9	-7.0	-9.5	-5.7	-5.1	0.0		0.8
48°	-19.9	-13.9	-14.4	-17.3	-12.5	-14.4	-13.2	-12.6	-12.7	-10.8	-10.0	-3.6	-4.4	-0.7	-0.8	
49°	-22.0	-17.8	-16.1	-18.4	-16.3	-14.7	-15.2	-13.0	-13.5	-11.9	-12.7	-7.4	-8.2	-1.6	-1.8	-3.6
50°	-18.4	-13.0	-10.1	-15.5	-13.8	-16.1	-13.6	-15.1	-13.7	-6.7	-10.2	-7.6	-6.0	-2.0	-1.8	-1.1
51°	-20.8	-14.4	-13.4	-18.3	-14.5	-17.4	-15.5	-16.3	-15.8	-10.3	-11.7	-7.5	-6.6	-3.9	-3.9	-4.4
52°	-19.1	-14.6	-11.4	-16.5	-15.5	-16.4	-14.3	-15.6	-14.4	-8.1	-11.6	-9.2	-7.8	-3.9	-2.5	-3.5
53°	-19.8	-14.3	-11.6	-16.7	-14.9	-17.0	-14.8	-15.9	-14.7	-8.1	-11.4	-8.4	-7.0	-2.8	-2.8	-2.1
54°	-22.0	-16.7	-14.1	-18.8	-16.9	-18.5	-16.7	-17.3	-16.4	-10.6	-13.4	-10.1	-9.0	-4.4	-4.4	-3.5
55°	-21.3	-15.7	-12.8	-18.3	-16.5	-18.5	-16.6	-17.7	-16.8	-9.4	-13.0	-10.5	-8.6	-4.8	-4.8	-3.9
56°	-24.9	-21.0	-19.6	-21.1	-18.9	-17.4	-17.5	-15.7	-16.0	-15.1	-15.3	-9.9	-10.8	-4.0	-4.3	-2.9
57°	-21.4	-15.7	-12.8	-18.4	-16.6	-19.0	-16.7	-18.2	-16.9	-9.5	-13.1	-10.6	-8.7	-5.0	-5.0	-4.0
58°	-24.7	-20.5	-19.0	-21.1	-18.9	-17.8	-17.8	-16.1	-16.2	-14.7	-15.3	-10.0	-10.8	-4.3	-4.5	-3.3
59°	-29.1	-24.0	-21.6	-25.9	-23.9	-24.0	-23.5	-22.9	-22.8	-17.9	-20.4	-16.6	-16.0	-10.9	-10.9	-10.9
60°	-32.3	-27.4	-25.3	-28.9	-26.9	-26.4	-26.3	-25.2	-25.3	-21.4	-23.4	-19.0	-18.9	-13.3	-13.3	-12.8
61°	-32.2	-26.0	-22.7	-29.4	-27.7	-30.3	-28.2	-30.0	-29.1	-19.7	-24.2	-22.8	-19.9	-17.2	-17.2	-17.0
62°	-37.4	-32.6	-30.4	-34.1	-32.1	-31.7	-31.5	-30.4	-30.4	-26.6	-28.5	-24.1	-24.1	-18.5	-18.5	-17.7
63°	-38.0	-32.7	-30.1	-34.8	-32.9	-33.4	-32.7	-32.4	-32.3	-26.5	-29.4	-26.0	-25.0	-20.4	-20.4	-19.9
64°	-34.3	-27.9	-23.9	-31.9	-30.7	-34.4	-31.2	-34.6	-33.1	-21.3	-27.2	-27.3	-23.1	-21.8	-21.2	-20.7
65°	-34.0	-26.9	-22.7	-31.6	-30.1	-34.5	-31.3	-34.9	-33.7	-20.3	-26.7	-27.4	-23.5	-21.8	-21.8	-20.8
66°	-38.9	-33.1	-30.1	-35.9	-34.2	-34.8	-34.3	-34.3	-34.7	-26.9	-30.7	-28.5	-26.3	-22.8	-22.7	-24.2
67°	-41.0	-35.2	-32.3	-38.0	-36.2	-37.6	-36.3	-36.9	-36.6	-29.0	-32.7	-30.3	-28.3	-24.7	-24.7	-23.7

	49°	50°	51°	52°	53°	54°	55°	56°	57°	58°	59°	60°	61°	62°	63°	64°
1°	58.2	45.6	51.5	44.5	48.2	51.5	48.5	63.3	48.5	61.5	59.9	64.6	56.1	69.8	67.4	53.2
2°	58.4	46.6	51.6	45.3	48.5	51.8	51.0	60.4	49.1	59.6	60.5	64.2	55.9	67.1	65.4	53.1
3°	59.8	52.9	56.0	51.3	54.4	56.9	56.2	62.6	55.2	62.1	63.6	66.8	61.9	70.0	69.0	60.9
4°	54.6	50.2	52.5	49.6	51.7	53.8	52.4	58.8	52.7	58.1	59.5	62.7	60.2	67.2	66.6	60.7
5°	44.6	33.2	36.8	33.0	35.5	38.5	36.0	48.7	36.0	47.2	46.9	51.3	44.4	56.4	54.6	42.5
6°	47.2	42.6	45.2	42.2	44.2	46.4	44.4	52.1	45.3	51.2	52.3	55.8	53.6	61.1	60.5	54.4
7°	46.2	38.5	41.2	37.8	40.1	42.8	42.5	48.1	41.2	47.8	50.9	54.1	49.8	57.7	57.2	49.2
8°	35.8	24.1	27.4	25.1	26.2	29.4	26.6	40.6	26.6	38.9	37.8	42.4	34.5	47.6	45.4	32.9
9°	37.4	26.2	31.2	26.8	27.9	31.1	29.7	40.4	28.5	39.3	39.7	43.7	35.9	47.5	45.7	34.2
10°	35.6	25.1	30.1	24.4	27.4	30.4	28.0	40.1	28.0	38.7	38.6	43.0	36.5	48.1	46.4	34.8
11°	42.7	37.2	40.7	36.6	38.6	41.0	41.0	44.4	40.0	44.4	48.7	51.6	49.4	55.5	55.7	50.0
12°	32.3	22.7	25.7	23.7	24.6	27.5	25.3	36.6	25.3	35.3	35.6	39.9	34.0	45.0	43.6	33.4
13°	29.5	19.7	24.4	21.0	21.5	24.5	22.2	33.9	22.2	32.5	32.7	36.9	30.8	42.1	40.5	30.2
14°	32.0	28.6	30.8	28.4	30.1	32.1	30.3	36.9	31.3	36.1	37.6	41.0	39.7	46.4	46.0	41.1
15°	36.9	33.2	36.3	33.6	34.6	36.8	36.1	39.7	36.2	39.6	43.9	47.1	46.9	52.3	52.8	48.9
16°	31.6	26.8	29.4	27.4	27.8	30.2	30.6	32.7	29.3	32.9	37.8	40.5	38.6	44.0	44.4	39.9
17°	30.9	29.4	31.6	29.4	30.7	32.5	31.8	34.3	32.4	34.2	38.5	41.4	42.7	46.6	47.4	45.3
18°	32.1	32.4	32.8	32.7	33.4	35.0	35.4	34.0	35.4	34.6	41.3	43.8	47.0	48.7	50.4	50.7
19°	28.7	20.6	24.5	20.9	22.5	25.3	23.5	32.6	23.5	31.6	33.1	37.0	32.7	42.2	41.3	32.6
20°	28.7	22.3	26.3	22.6	24.0	26.5	25.2	32.2	25.2	31.5	34.1	37.7	35.0	42.9	42.5	35.7
21°	24.5	24.2	26.5	24.6	25.4	27.1	27.8	26.0	27.4	26.6	33.6	35.9	38.8	40.4	42.1	42.2
22°	25.6	20.2	23.9	20.9	21.8	24.2	23.1	28.9	23.1	28.4	31.6	35.1	33.3	40.2	40.2	34.6
23°	24.5	17.5	21.6	18.7	19.1	21.8	20.2	28.3	20.2	27.4	29.5	33.2	29.8	38.4	37.8	30.4
24°	28.5	24.6	25.6	25.8	25.4	27.7	28.5	29.3	27.1	29.8	35.2	37.8	36.7	41.2	41.8	38.6
25°	20.6	11.1	15.9	12.0	13.0	15.9	13.7	24.9	13.7	23.6	24.0	28.2	22.4	33.4	32.0	21.8
26°	22.5	24.2	23.5	24.5	25.1	26.5	26.2	25.7	27.0	26.0	31.6	34.0	37.8	39.3	40.8	41.8
27°	23.4	23.6	25.7	24.0	24.4	26.2	27.1	24.6	26.6	25.3	32.8	35.0	38.2	39.4	41.3	41.9
28°	22.7	15.0	19.4	15.5	16.9	19.6	17.8	26.5	17.9	25.6	27.3	31.2	27.3	36.4	35.6	27.3
29°	25.2	14.9	21.4	15.7	16.9	19.2	17.7	25.4	17.7	24.6	27.9	30.9	28.4	35.7	35.7	27.9
30°	22.7	24.0	23.5	24.5	24.9	26.4	26.7	25.2	27.1	25.5	32.3	34.6	39.1	39.8	41.8	43.4
31°	23.2	17.5	21.1	18.8	18.8	21.3	20.5	26.0	20.1	25.6	28.9	32.2	29.7	36.8	36.7	31.0
32°	24.7	17.8	22.9	19.0	19.4	21.3	20.6	24.4	20.6	24.2	29.4	31.9	32.4	36.8	37.8	33.5
33°	22.0	18.4	20.8	19.1	19.8	22.0	21.3	24.9	21.4	24.7	29.1	32.3	32.2	37.4	38.0	34.3
34°	17.8	13.0	14.4	14.6	14.3	16.7	15.7	21.0	15.7	20.5	24.0	27.4	26.0	32.6	32.7	27.9
35°	16.1	10.1	13.4	11.4	11.6	14.1	12.8	19.6	12.8	19.0	21.6	25.3	22.7	30.4	30.1	23.9
36°	18.4	15.5	18.3	16.5	16.7	18.8	18.3	21.1	18.4	21.1	25.9	28.9	29.4	34.1	34.8	31.9
37°	16.3	13.8	14.5	15.5	14.9	16.9	16.5	18.9	16.6	18.9	23.9	26.9	27.7	32.1	32.9	30.7
38°	14.7	16.1	17.4	16.4	17.0	18.5	18.5	17.4	19.0	17.8	24.0	26.4	30.3	31.7	33.4	34.4
39°	15.2	13.6	15.5	14.3	14.8	16.7	16.6	17.5	16.7	17.8	23.5	26.3	28.2	31.5	32.7	31.2
40°	13.0	15.1	16.3	15.6	15.9	17.3	17.7	15.7	18.2	16.1	22.9	2				

46°	1.6	2.0	3.9	3.9	2.8	4.4	4.8	4.0	5.0	4.3	10.9	13.3	17.2	18.5	20.4	21.8
47°	1.8	1.8	3.9	2.5	2.8	4.4	4.8	4.3	5.0	4.5	10.9	13.3	17.2	18.5	20.4	21.2
48°	3.6	1.1	4.4	3.5	2.1	3.5	3.9	2.9	4.0	3.3	10.9	12.8	17.0	17.7	19.9	20.7
49°		0.1	0.0	3.0	0.8	2.5	2.7	2.2	2.8	2.5	9.1	11.7	14.8	16.9	18.5	19.5
50°	-0.1		1.8	0.5	0.9	2.5	2.9	2.8	3.2	2.8	8.7	11.1	15.2	16.3	18.2	19.4
51°	0.0	-1.8		0.0	-0.9	0.6	1.0	0.6	1.1	0.8	7.7	9.6	14.0	14.6	16.8	17.9
52°	-3.0	-0.5	0.0		0.1	1.3	1.6	0.7	2.4	0.7	6.3	8.4	13.9	13.7	15.8	18.9
53°	-0.8	-0.9	0.9	-0.1		1.7	2.1	2.0	2.2	2.0	8.1	10.6	14.4	15.7	17.6	18.5
54°	-2.5	-2.5	-0.6	-1.3	-1.7		0.4	0.1	0.5	0.2	6.5	8.9	12.7	14.0	15.9	17.0
55°	-2.7	-2.9	-1.0	-1.6	-2.1	-0.4		0.1	0.1	0.1	6.1	8.5	12.3	13.7	15.5	16.7
56°	-2.2	-2.8	-0.6	-0.7	-2.0	-0.1	-0.1		0.0	0.4	6.6	9.3	11.7	14.4	15.8	15.8
57°	-2.8	-3.2	-1.1	-2.4	-2.2	-0.5	-0.1	0.0		0.0	5.9	8.4	12.2	13.5	15.4	16.3
58°	-2.5	-2.8	-0.8	-0.7	-2.0	-0.2	-0.1	-0.4	0.0		6.4	9.0	11.8	14.2	15.7	16.0
59°	-9.1	-8.7	-7.7	-6.3	-8.1	-6.5	-6.1	-6.6	-5.9	-6.4	2.4	6.3	7.6	9.5	11.2	
60°	-11.7	-11.1	-9.6	-8.4	-10.6	-8.9	-8.5	-9.3	-8.4	-9.0	-2.4	3.8	5.2	7.1	8.9	
61°	-14.8	-15.2	-14.0	-13.9	-14.4	-12.7	-12.3	-11.7	-12.2	-11.8	-6.3	-3.8		1.3	3.2	4.4
62°	-16.9	-16.3	-14.6	-13.7	-15.7	-14.0	-13.7	-14.4	-13.5	-14.2	-7.6	-5.2	-1.3		1.9	3.7
63°	-18.5	-18.2	-16.8	-15.8	-17.6	-15.9	-15.5	-15.8	-15.4	-15.7	-9.5	-7.1	-3.2	-1.9		1.7
64°	-19.5	-19.4	-17.9	-18.9	-18.5	-17.0	-16.7	-15.8	-16.3	-16.0	-11.2	-8.9	-4.4	-3.7	-1.7	
65°	-18.8	-19.9	-18.2	-19.0	-18.5	-17.3	-16.9	-15.4	-16.8	-15.6	-10.9	-8.4	-4.6	-3.3	-1.4	-0.4
66°	-20.6	-20.5	-20.7	-17.5	-20.0	-18.3	-17.9	-17.7	-17.8	-17.7	-11.8	-9.4	-5.6	-4.3	-2.4	-0.4
67°	-22.5	-22.6	-20.8	-20.5	-21.9	-20.2	-19.8	-19.7	-19.7	-19.6	-13.8	-11.3	-7.5	-6.2	-4.3	-2.8

	65°	66°	67°	N° positivos
1°	51.9	65.1	67.7	66
2°	53.9	65.6	65.3	65
3°	61.4	68.8	70.0	64
4°	60.0	65.5	68.5	63
5°	41.3	53.3	55.3	62
6°	53.1	59.0	62.7	60
7°	50.0	58.2	58.5	60
8°	30.8	43.5	45.9	59
9°	33.4	45.2	46.0	59
10°	33.7	45.0	47.4	57
11°	50.9	57.1	57.7	56
12°	31.7	42.4	44.7	55
13°	28.2	39.2	41.6	54
14°	39.8	44.6	48.5	53
15°	48.7	53.7	55.8	52
16°	40.6	46.3	46.5	50
17°	45.0	47.9	50.8	50
18°	51.3	52.5	54.4	49
19°	31.6	40.7	42.9	49
20°	35.0	42.5	44.7	47
21°	43.3	44.6	46.0	43
22°	33.9	40.5	42.7	43
23°	29.2	37.4	39.7	43
24°	39.3	44.2	44.1	43
25°	20.2	30.8	33.1	42
26°	41.6	41.7	44.9	40
27°	43.0	44.2	45.2	40
28°	26.3	35.1	37.3	40
29°	27.3	37.9	37.2	40
30°	43.9	44.0	46.2	38
31°	30.3	37.3	38.8	37
32°	33.4	40.9	40.2	37
33°	34.0	38.9	41.0	34
34°	26.9	33.1	35.2	33
35°	22.7	30.1	32.3	32
36°	31.6	35.9	38.0	31
37°	30.1	34.2	36.2	30
38°	34.5	34.8	37.6	29
39°	31.3	34.3	36.3	28
40°	34.9	34.3	36.9	27
41°	33.7	34.7	36.6	26
42°	20.3	26.9	29.0	25
43°	26.7	30.7	32.7	24
44°	27.4	28.5	30.3	23
45°	22.5	26.3	28.3	22
46°	21.8	22.8	24.7	21
47°	21.8	22.7	24.7	20
48°	20.8	24.2	23.7	19
49°	18.8	20.6	22.5	17
50°	19.9	20.5	22.6	17
51°	18.2	20.7	20.8	16
52°	19.0	17.5	20.5	15
53°	19.0	20.0	21.9	15
54°	17.3	18.3	20.2	13
55°	16.9	17.9	19.8	12
56°	15.4	17.7	19.7	11
57°	16.8	17.8	19.7	10
58°	15.6	17.7	19.6	9
59°	10.9	11.8	13.8	8
60°	8.4	9.4	11.3	7
61°	4.6	5.6	7.5	6
62°	3.3	4.3	6.2	5

Código Seguro de Verificación (CSV) : PFIRMA-a6d8-bae9-1d74-a1dc-9d2c-4956-1b99-befd

Verificable en : <https://sede.uma.es/web/guest/verifica>

FIRMANTE(1) : TOMAS CORDERO ALCANTARA | FECHA : 07/06/2022 09:43 |



63°	1.4	2.4	4.3	4
64°	0.4	0.4	2.8	3
65°		1.0	2.9	2
66°	-1.0		1.9	1
67°	-2.9	-1.9		0

Detalle comparaciones m±s significativas (puntos ponderados)

	Formaci-n	Docencia	Investigaci-	Profesional	Inv. Prefer.	Total	Diferencia
1°	35.0	7.4	45.0	0.0	49.5	91.9	3.8
2°	30.2	15.0	38.1	1.1	41.9	88.1	
3°	32.6	15.0	45.0	0.4	49.5	97.5	10.9
4°	35.0	11.1	36.6	0.2	40.3	86.6	
5°	24.4	8.3	45.0	5.0	45.0	82.7	2.6
6°	35.0	11.1	30.6	0.2	33.7	80.1	
7°	31.8	15.0	24.6	4.1	24.6	75.6	1.0
8°	17.2	5.2	45.0	5.0	47.3	74.6	
9°	16.8	15.0	45.0	0.4	45.0	77.2	4.9
10°	34.1	0.7	36.9	0.7	36.9	72.3	
11°	33.8	15.0	26.5	0.5	31.3	80.7	2.7
12°	20.2	3.8	45.0	4.4	49.5	77.9	
13°	13.2	4.7	45.0	0.3	54.0	72.2	2.5
14°	35.0	2.4	32.3	0.0	32.3	69.7	
15°	32.2	9.4	39.8	0.4	47.8	89.8	1.6
16°	22.0	15.0	45.0	1.7	49.5	88.2	
17°	35.0	12.6	45.0	0.0	45.0	92.6	0.9
18°	32.5	15.0	36.6	3.9	40.3	91.7	
19°	28.7	4.8	45.0	1.5	45.0	80.0	2.7
20°	29.9	9.7	37.7	0.0	37.7	77.3	
21°	35.0	15.0	31.6	0.0	31.6	81.6	-0.6
22°	27.2	10.1	45.0	0.0	45.0	82.3	
23°	27.7	11.4	37.9	0.0	37.9	77.0	-1.2
24°	21.0	12.2	45.0	0.0	45.0	78.2	
25°	21.0	8.3	45.0	0.0	45.0	74.3	-1.7
26°	17.7	15.0	34.8	5.0	38.3	76.0	
27°	17.7	15.0	34.8	5.0	38.3	76.0	
28°	17.7	15.0	34.8	5.0	38.3	76.0	
29°	17.7	15.0	34.8	5.0	38.3	76.0	
30°	17.7	15.0	34.8	5.0	38.3	76.0	
31°	17.7	15.0	34.8	5.0	38.3	76.0	
32°	17.7	15.0	34.8	5.0	38.3	76.0	
33°	17.7	15.0	34.8	5.0	38.3	76.0	
34°	17.7	15.0	34.8	5.0	38.3	76.0	
35°	17.7	15.0	34.8	5.0	38.3	76.0	
36°	17.7	15.0	34.8	5.0	38.3	76.0	
37°	17.7	15.0	34.8	5.0	38.3	76.0	
38°	17.7	15.0	34.8	5.0	38.3	76.0	
39°	17.7	15.0	34.8	5.0	38.3	76.0	
40°	17.7	15.0	34.8	5.0	38.3	76.0	
41°	17.7	15.0	34.8	5.0	38.3	76.0	
42°	17.7	15.0	34.8	5.0	38.3	76.0	
43°	17.7	15.0	34.8	5.0	38.3	76.0	
44°	17.7	15.0	34.8	5.0	38.3	76.0	
45°	17.7	15.0	34.8	5.0	38.3	76.0	
46°	17.7	15.0	34.8	5.0	38.3	76.0	
47°	17.7	15.0	34.8	5.0	38.3	76.0	
48°	17.7	15.0	34.8	5.0	38.3	76.0	
49°	17.7	15.0	34.8	5.0	38.3	76.0	
50°	17.7	15.0	34.8	5.0	38.3	76.0	
51°	17.7	15.0	34.8	5.0	38.3	76.0	
52°	17.7	15.0	34.8	5.0	38.3	76.0	
53°	17.7	15.0	34.8	5.0	38.3	76.0	
54°	17.7	15.0	34.8	5.0	38.3	76.0	
55°	17.7	15.0	34.8	5.0	38.3	76.0	
56°	17.7	15.0	34.8	5.0	38.3	76.0	
57°	17.7	15.0	34.8	5.0	38.3	76.0	
58°	17.7	15.0	34.8	5.0	38.3	76.0	
59°	17.7	15.0	34.8	5.0	38.3	76.0	
60°	17.7	15.0	34.8	5.0	38.3	76.0	
61°	17.7	15.0	34.8	5.0	38.3	76.0	
62°	17.7	15.0	34.8	5.0	38.3	76.0	
63°	17.7	15.0	34.8	5.0	38.3	76.0	
64°	17.7	15.0	34.8	5.0	38.3	76.0	
65°	17.7	15.0	34.8	5.0	38.3	76.0	
66°	17.7	15.0	34.8	5.0	38.3	76.0	
67°	17.7	15.0	34.8	5.0	38.3	76.0	
68°	17.7	15.0	34.8	5.0	38.3	76.0	
69°	17.7	15.0	34.8	5.0	38.3	76.0	
70°	17.7	15.0	34.8	5.0	38.3	76.0	
71°	17.7	15.0	34.8	5.0	38.3	76.0	
72°	17.7	15.0	34.8	5.0	38.3	76.0	
73°	17.7	15.0	34.8	5.0	38.3	76.0	
74°	17.7	15.0	34.8	5.0	38.3	76.0	
75°	17.7	15.0	34.8	5.0	38.3	76.0	
76°	17.7	15.0	34.8	5.0	38.3	76.0	
77°	17.7	15.0	34.8	5.0	38.3	76.0	
78°	17.7	15.0	34.8	5.0	38.3	76.0	
79°	17.7	15.0	34.8	5.0	38.3	76.0	
80°	17.7	15.0	34.8	5.0	38.3	76.0	
81°	17.7	15.0	34.8	5.0	38.3	76.0	
82°	17.7	15.0	34.8	5.0	38.3	76.0	
83°	17.7	15.0	34.8	5.0	38.3	76.0	
84°	17.7	15.0	34.8	5.0	38.3	76.0	
85°	17.7	15.0	34.8	5.0	38.3	76.0	
86°	17.7	15.0	34.8	5.0	38.3	76.0	
87°	17.7	15.0	34.8	5.0	38.3	76.0	
88°	17.7	15.0	34.8	5.0	38.3	76.0	
89°	17.7	15.0	34.8	5.0	38.3	76.0	
90°	17.7	15.0	34.8	5.0	38.3	76.0	
91°	17.7	15.0	34.8	5.0	38.3	76.0	
92°	17.7	15.0	34.8	5.0	38.3	76.0	
93°	17.7	15.0	34.8	5.0	38.3	76.0	
94°	17.7	15.0	34.8	5.0	38.3	76.0	
95°	17.7	15.0	34.8	5.0	38.3	76.0	
96°	17.7	15.0	34.8	5.0	38.3	76.0	
97°	17.7	15.0	34.8	5.0	38.3	76.0	
98°	17.7	15.0	34.8	5.0	38.3	76.0	
99°	17.7	15.0	34.8	5.0	38.3	76.0	
100°	17.7	15.0	34.8	5.0	38.3	76.0	



	Formaci-n	Docencia	Investigaci-	Profesional	Inv. Prefer.	Total	Diferencia
37°	19.5	10.5	45.0	5.0	45.0	80.1	1.0
38°	35.0	4.8	39.2	0.0	39.2	79.1	
39°	29.5	5.0	45.0	2.0	45.0	81.5	0.6
40°	35.0	6.4	39.5	0.0	39.5	81.0	
41°	34.9	13.0	26.5	0.0	26.5	74.4	3.8
42°	21.7	4.0	45.0	0.0	45.0	70.6	
43°	24.9	1.2	45.0	3.1	49.5	78.8	4.0
44°	26.9	11.8	31.1	5.0	31.1	74.8	
45°	20.4	4.3	45.0	5.0	45.0	74.6	5.6
46°	23.8	12.1	33.0	0.0	33.0	69.0	
47°	34.8	4.7	35.7	0.0	35.7	75.1	0.8
48°	19.2	5.1	45.0	5.0	45.0	74.3	
49°	14.0	8.2	45.0	5.0	45.0	72.1	0.1
50°	35.0	8.8	28.2	0.0	28.2	72.0	
51°	20.9	8.1	34.8	5.0	34.8	68.9	0.0
52°	35.0	6.4	27.5	0.0	27.5	68.9	
53°	28.9	7.5	31.8	0.5	31.8	68.7	
54°	33.4	7.5	31.8	0.5	31.8	73.2	1.7
55°	30.0	7.6	33.9	0.0	33.9	71.6	
56°	29.1	12.5	27.1	0.1	27.1	68.7	0.1
57°	20.3	1.1	45.0	0.0	47.3	68.6	
58°	33.8	7.9	27.3	0.0	27.3	69.1	0.0
59°	20.6	3.5	45.0	0.0	45.0	69.1	
60°	18.5	8.4	34.3	1.5	34.3	62.6	
61°	16.4	6.1	39.8	0.4	39.8	62.7	3.8
62°	28.7	5.1	23.3	1.7	23.3	58.8	
63°	16.4	6.1	39.8	0.4	39.8	62.7	3.8
64°	28.7	5.1	23.3	1.7	23.3	58.8	
65°	17.2	0.5	36.1	0.0	39.7	57.5	1.9
66°	19.1	1.7	34.1	0.8	34.1	55.6	
67°	18.1	1.7	34.1	0.8	34.1	54.6	1.7
68°	35.0	3.8	14.1	0.0	14.1	52.9	0.4
69°	30.8	9.3	11.7	0.8	11.7	52.5	
70°	32.5	9.3	11.7	0.8	11.7	54.2	1.0
71°	13.9	7.0	28.0	4.4	28.0	53.2	
72°	13.9	7.0	28.0	4.4	28.0	53.2	
73°	35.0	4.8	42.4	0.0	42.4	82.2	1.2
74°	29.0	5.0	45.0	2.0	45.0	81.1	
75°	35.0	6.4	45.0	0.0	45.0	86.4	1.4
76°	32.1	13.0	40.0	0.0	40.0	85.1	
77°	21.7	4.0	45.0	0.0	45.0	70.6	1.3
78°	24.9	1.2	36.3	3.2	40.0	69.3	
79°	26.9	11.8	31.4	5.0	31.4	75.0	0.4
80°	20.4	4.3	45.0	4.9	45.0	74.6	
81°	23.8	12.1	40.0	0.0	40.0	76.0	0.0
82°	34.8	4.7	36.6	0.0	36.6	76.0	
83°	19.2	5.1	43.9	5.0	43.9	73.2	3.6
84°	14.3	8.2	45.0	2.1	45.0	69.6	
85°	35.0	8.8	29.6	0.0	29.6	73.4	1.8
86°	23.6	8.1	34.8	5.0	34.8	71.6	
87°	35.0	6.4	27.5	0.0	27.5	68.9	0.1
88°	28.9	7.5	31.8	0.5	31.8	68.7	
89°	30.0	7.6	33.9	0.0	33.9	71.6	0.4
90°	29.1	12.5	27.1	0.1	27.1	68.7	0.0
91°	20.3	1.1	45.0	0.0	47.3	68.6	
92°	20.6	3.5	45.0	0.0	45.0	69.1	6.4
93°	18.5	8.4	34.3	1.5	34.3	62.6	
94°	16.4	6.1	39.8	0.4	39.8	62.7	3.8
95°	28.7	5.1	23.3	1.7	23.3	58.8	
96°	17.2	0.5	36.1	0.0	39.7	57.5	1.9
97°	19.1	1.7	34.1	0.8	34.1	55.6	
98°	18.1	1.7	34.1	0.8	34.1	54.6	1.7
99°	35.0	3.8	14.1	0.0	14.1	52.9	0.4
100°	30.8	9.3	11.7	0.8	11.7	52.5	
101°	32.5	9.3	11.7	0.8	11.7	54.2	1.0
102°	13.9	7.0	28.0	4.4	28.0	53.2	1.9
103°	13.9	7.0	28.0	4.4	28.0	53.2	

