TABELA DE CARGAS

ESCALA 1:100

Elem	Todos permanentes e acidentais dos pavimentos				Empuxo					FZ MAX–ELU2–Verificações de estado limite último – Pilares e fundações					MX MAX–ELU2–Verificações de estado limite último – Pilares e fundações					MY MAX–ELU2–Verificações de estado limite último – Pilares e fundações					FZ MIN–ELU2–Verificações de estado limite último – Pilares e fundações					MX MIN–ELU2–Verificações de estado limite último – Pilares e fundações					MY MIN–ELU2–Verificações de estado limite último – Pilares e fundações				
	Fz tf	Fx tf	Fy tf	Mx tfm	My tfm	Fz tf	Fx tf	Fy tf	Mx tfm	My tfm	Fz tf	Fx tf	Fy tf	Mx tfm	My tfm	Fz tf	Fx tf	Fy tf	Mx tfm	My tfm	Fz tf	Fx tf	Fy tf	Mx tfm	My tfm	Fz tf	Fx tf	Fy tf	Mx tfm	My tfm	Fz tf	Fx tf	Fy tf	Mx tfm	My tfm	Fz tf	Fx tf	Fy tf	Mx tfm	My tfm
P1	72.22	−0.20	1.04	11.85	6.48	−0.34	0.27	−1.28	2.83	0.34	73.07	−0.03	1.59	9.72	6.70	69.34	0.22	−3.34	23.11	7.05	70.17	0.28	−0.84	16.32	7.13	64.63	0.11	−0.41	15.40	6.96	72.03	−0.08	2.78	6.57	6.65	71.21	−0.14	0.27	13.36	6.57
P2	117.81	0.18	1.03	0.23	0.97	−0.08	0.42	−0.06	0.15	1.27	117.82	0.45	1.24	−0.39	1.83	113.40	0.83	0.50	1.81	3.00	113.62	0.93	0.89	0.65	3.34	98.15	0.59	0.70	1.21	2.15	114.05	0.36	1.35	−0.72	1.51	113.82	0.26	0.96	0.44	1.18
P3	103.89	−0.01	0.23	0.80	−0.40	0.00	0.46	0.29	−0.00	1.26	103.93	0.29	1.05	−0.10	0.45	99.90	0.71	−0.46	2.45	1.68	100.18	0.83	0.58	0.99	2.91	86.62	0.46	0.40	1.60	0.98	100.59	0.19	1.42	−0.53	0.17	100.32	0.07	0.38	0.93	−0.17
P4	110.11	−0.05	0.38	4.28	−0.21	0.02	0.46	0.13	−0.14	1.24	110.13	0.25	1.13	3.09	0.61	105.98	0.68	−0.57	6.05	1.85	106.31	0.80	0.53	4.24	2.17	92.14	0.43	0.36	4.95	1.13	106.71	0.14	1.52	2.56	0.32	106.38	0.03	0.42	4.36	−0.00
P5	108.12	−0.08	−0.37	4.54	−0.10	0.03	0.43	−0.01	−0.26	1.23	108.22	0.19	0.33	3.06	0.70	103.98	0.61	−1.64	6.43	1.97	104.36	0.72	−0.19	4.28	2.27	90.39	0.37	−0.46	5.08	1.21	104.87	0.09	0.81	2.43	0.40	104.48	−0.02	−0.44	4.58	0.10
P6	117.29	−0.22	0.90	4.43	−1.35	0.15	0.34	0.14	−0.37	1.21	117.73	0.00	1.54	2.64	−0.58	112.95	0.34	0.15	6.52	0.72	113.55	0.45	1.06	3.98	1.00	97.83	0.18	0.75	4.90	0.12	114.01	−0.07	1.81	1.90	−0.84	113.41	−0.18	0.90	4.44	−1.12
P7	80.14	−0.01	0.63	4.93	−4.64	0.11	0.14	0.26	−0.18	0.11	80.53	0.08	1.85	3.93	−4.58	78.25	0.22	−0.73	6.10	−4.44	78.48	0.32	0.91	4.69	−4.35	71.27	0.14	0.81	4.99	−4.46	78.81	0.05	2.48	3.46	−4.59	78.58	−0.05	0.84	4.86	−4.68
P8	151.04	−0.05	2.97	5.43	5.19	0.01	0.08	0.19	−0.38	0.00	152.91	0.02	0.00	4.58	−0.21	5.21	143.08	0.06	0.77	19.03	5.18	145.60	0.20	2.95	8.09	5.46	124.59	0.04	2.48	8.78	5.25	146.62	−0.01	5.34	−4.49	5.23	146.65	−0.14	3.16	6.45	4.95
P9	222.26	0.06	0.95	3.84	0.20	0.01	0.04	−0.00	−0.04	0.01	222.31	0.09	1.27	3.14	0.24	211.67	0.10	0.35	5.14	0.16	212.52	0.35	0.87	4.04	1.10	177.37	0.08	0.72	4.63	0.15	213.79	0.08	1.46	2.83	0.23	212.94	−0.16	0.95	3.92	−0.71
P10	205.35	0.04	0.96	4.45	0.07	0.01	0.02	0.02	−0.03	0.01	205.92	0.06	1.26	3.73	0.12	195.31	0.04	0.47	5.73	0.04	197.06	0.34	0.93	4.60	1.02	164.59	0.05	0.74	5.22	0.09	198.41	0.06	1.40	3.43	0.14	196.66	−0.24	0.94	4.56	−0.84
P11	212.93	0.02	0.88	4.70	0.08	0.01	0.02	0.02	−0.03	0.00	213.31	0.03	1.29	3.98	0.11	202.95	0.01	0.27	5.96	0.05	204.50	0.32	0.87	4.82	1.00	172.28	0.02	0.65	5.43	0.04	205.82	0.03	1.47	3.69	0.11	204.28	−0.28	0.87	4.83	−0.84
P12	215.59	−0.03	1.33	4.26	−0.19	0.01	−0.00	0.02	−0.03	−0.00	216.06	−0.03	1.68	3.53	−0.19	205.13	−0.03	0.72	5.56	−0.16	206.73	0.28	1.25	4.41	0.77	172.17	0.01	0.98	5.31	0.03	208.00	−0.02	1.83	3.30	−0.14	206.40	−0.32	1.30	4.45	−1.08
P13	209.86	0.04	0.96	4.14	0.31	0.01	−0.02	0.02	−0.03	−0.01	210.50	0.03	1.26	3.42	0.31	199.42	0.01	0.47	5.45	0.27	201.16	0.31	0.94	4.28	1.19	166.56	−0.01	0.65	5.22	0.06	202.45	0.03	1.37	3.20	0.25	200.71	−0.27	0.90	4.36	−0.67
P14	223.54	−0.03	0.88	4.27	−0.17	0.01	−0.04	−0.00	−0.04	−0.01	223.61	−0.06	1.18	3.59	−0.19	212.98	−0.08	0.51	5.52	−0.15	214.33	0.19	0.87	4.35	0.76	178.98	−0.06	0.64	5.04	−0.06	215.22	−0.05	1.36	3.29	−0.16	213.87	−0.33	0.80	4.46	−1.06
P15	165.00	0.05	3.48	5.93	−5.17	0.01	−0.08	0.19	−0.35	−0.00	167.21	0.01	5.01	−1.26	−5.17	157.00	−0.06	1.39	16.93	−5.18	160.81	0.16	3.66	5.06	−4.92	138.97	−0.04	2.99	7.30	−5.24	163.07	0.02	5.73	−5.30	−5.19	159.25	−0.20	3.46	6.58	−5.45
P16	93.02	0.07	2.17	2.79	4.59	0.13	0.14	0.31	−0.44	−0.11	93.98	−0.01	4.12	−4.68	4.47	90.58	−0.18	−0.23	13.45	4.42	91.41	0.13	2.48	1.59	4.74	83.40	−0.09	2.25	2.25	4.29	92.28	0.03	5.14	−9.13	4.43	91.45	−0.28	2.43	2.73	4.11
P19	111.23	0.26	0.85	4.67	1.37	0.15	−0.34	0.14	−0.38	−1.21	111.70	0.05	1.48	2.82	0.63	107.10	−0.32	0.13	6.79	−0.76	107.59	0.22	0.87	4.63	1.14	92.82	−0.15	0.70	5.12	−0.11	108.19	0.13	1.75	2.06	0.91	107.70	−0.42	1.01	4.22	−0.98
P20	111.25	0.16	−0.19	4.51	0.26	0.01	−0.42	0.03	−0.28	−1.19	111.31	−0.09	0.57	3.00	−0.49	106.99	−0.54	−1.45	6.41	−1.81	107.49	0.09	−0.22	4.52	0.05	93.04	−0.30	−0.27	5.01	−1.05	107.87	0.00	1.06	2.35	−0.18	107.36	−0.63	−0.17	4.24	−2.05
P21	115.61	0.10	0.08	12.74	0.19	0.02	−0.44	0.12	−0.16	−1.19	115.66	−0.17	0.91	11.52	−0.56	111.54	−0.63	−0.99	14.50	−1.86	111.95	0.02	0.14	12.80	−0.01	97.83	−0.37	0.12	13.37	−1.10	112.27	−0.06	1.36	10.98	−0.25	111.87	−0.72	0.23	12.68	−2.16
P22	108.19	0.07	0.88	4.93	0.30	−0.00	−0.44	0.01	−0.03	−1.21	108.21	−0.20	1.19	3.98	−0.47	104.08	−0.66	0.28	6.56	−1.76	104.55	−0.02	0.83	5.02	0.08	90.59	−0.40	0.62	5.60	−1.03	104.88	−0.10	1.36	3.52	−0.16	104.42	−0.74	0.81	5.06	−2.01
P23	117.99	−0.06	1.01	4.24	−0.55	0.08	−0.40	−0.04	0.13	−1.21	118.19	−0.30	1.24	3.61	−1.33	113.74	−0.71	0.47	5.77	−2.60	114.17	0.13	0.94	4.44	−0.76	98.40	−0.45	0.67	5.19	−1.70	114.39	−0.20	1.36	3.28	−0.99	113.97	−0.78	0.88	4.61	−2.83
P24	69.67	0.24	0.71	11.57	−6.49	−0.41	−0.27	−1.48	3.93	−0.37	70.96	0.07	1.48	8.37	−6.72	66.64	−0.21	−4.51	27.39	−7.15	68.98	0.18	−0.17	13.70	−6.59	62.01	−0.08	−0.92	16.31	−7.04	69.96	0.13	2.92	3.88	−6.65	67.63	−0.25	−1.41	17.57	−7.21
P25	125.55	−0.85	0.86	−0.09	5.54	0.03	1.39	−1.33	0.25	2.38	126.04	0.60	−2.32	0.61	8.16	122.01	0.68	−3.54	0.93	8.39	122.42	0.87	−1.06	0.30	8.90	108.94	0.71	−0.62	0.22	8.52	121.77	0.44	2.51	−0.56	7.74	121.36	0.25	0.02	0.07	7.23
P26	194.48	−0.32	0.53	0.07	0.48	0.01	0.87	−0.06	0.11	1.09	194.20	0.01	0.23	0.77	1.82	185.60	0.67	0.05	1.17	1.92	185.93	0.86	0.41	0.25	2.44	152.50	0.61	0.33	0.19	1.48	185.73	0.42	0.85	−0.80	1.23	185.45	0.24	0.48	0.12	0.71
P27	177.37	−0.17	−0.49	−0.16	0.04	−0.02	0.61	0.43	−0.00	1.03	176.73	0.35	0.67	−0.88	0.89	168.76	0.56	−1.28	1.04	1.46	169.27	0.74	0.10	−0.15	1.96	140.02	0.48	−0.03	−0.15	1.14	169.59	0.31	1.16	−1.36	0.76	169.08	0.13	−0.22	−0.17	0.25
P28	178.93	−0.14	−0.44	0.55	0.02	0.01	0.48	0.17	−0.11	1.01	178.64	0.25	0.51	−0.42	0.84	170.28	0.45	−1.56	1.83	1.41	170.95	0.64	−0.18	0.37	1.92	140.79	0.36	−0.21	0.44	1.06	171.31	0.21	1.04	−0.98	0.70	170.64	0.03	−0.34	0.49	0.20
P29	186.70	−0.19	−1.52	0.03	−0.44	0.02	0.58	−0.07	−0.21	0.99	186.40	0.11	−0.67	−1.16	0.37	178.08	0.30	−3.15	1.42	0.95	178.75	0.48	−1.57	−0.32	1.44	149.00	0.22	−1.46	−0.17	0.58	179.18	0.08	−0.02	−1.79	0.22	178.51	−0.11	−1.60	−0.06	−0.27
P30	201.17	−0.18	0.46	−0.12	−0.84	0.05	0.29	0.14	−0.28	0.98	200.91	0.15	0.10	0.65	0.39	192.36	0.20	−0.25	1.37	0.58	192.57	0.39	0.64	−0.61	1.06	159.02	0.16	0.44	−0.44	0.40	192.98	0.02	1.38	−2.20	−0.15	192.16	−0.17	0.49	−0.22	−0.63
P31	148.17	0.11	0.27	0.50	−5.10	0.07	0.14	0.42	−0.19	0.13	148.47	−0.13	0.70	0.36	−5.05	144.15	0.04	−1.93	4.54	−1.83	144.93	0.12	0.55	0.07	4.94	129.21	0.05	0.07	0.22	−4.73	144.78	−0.00	0.32	0.33	−5.02	144.82	0.09	0.38	−0.06	0.06
P33	211.42	−0.17	1.43	0.38	5.30	−0.01	0.09	0.23	−0.02	0.01	212.39	−0.08	0.42	0.86	5.28	204.27	−0.06	−0.47	1.18	5.31	202.38	0.22	1.56	0.38	6.03	167.18	−0.05	1.38	0.22	5.52	200.50	−0.10	3.72	−0.57	5.37	202.39	−0.38	1.68	0.24	4.65
P34	365.29	−0.13	2.21	1.79	−0.64	−0.00	0.04	−0.01	−0.07	0.01	365.72	−0.09	−0.18	2.93	−0.67	349.65	−0.09	−0.45	3.70	−0.72	348.53	0.35	0.20	1.61	1.01	283.43	−0.08	0.17	1.26	−0.74	347.88	−0.08	0.87	−0.58	−0.57	349.00	−0.52	0.22	1.51	−2.30
P35	344.17	0.06	0.46	−0.10	0.60	−0.00	0.02	−0.02	−0.06	0.01	344.83	0.07	0.21	0.96	0.58	329.45	0.07	−0.03	1.82	0.57	329.14	−0.38	0.25	0.50	2.29	267.26	0.09	0.42	−0.48	0.66	328.61	0.09	0.42	−0.49	−0.32	329.15	−0.05	0.22	−0.06	1.81
P36	374.82	0.06	0.44	0.13	0.51	−0.00	0.01	0.03	−0.06	0.00	375.43	0.06	0.05	1.24	0.49	358.94	0.07	−0.21	2.12	0.46	358.18	0.59	0.47	0.05	2.14	293.58	0.09	0.40	−0.04	0.37	358.16	0.08	1.15	−2.03	0.51	358.92	−0.45	0.47	0.04	−1.18
P37	369.24	−0.09	0.97	1.28	−0.90	−0.00	−0.01	0.03	−0.06	−0.00	369.85	−0.09	0.60	2.41	−0.90	352.03	−0.07	0.28	3.21	−0.72	351.41	0.45	0.91	1.15	0.95	280.71	0.01	0.82	1.08	−0.05	351.06	−0.07	1.64	−0.83	−0.73	351.68	−0.60	1.01	1.23	−2.40
P38	345.22	0.08	0.55	0.68	0.51	−0.00	0.02	−0.02	−0.06	0.01	345.66	0.06	0.07	1.84	0.51	330.15	0.04	−0.14	2.36	0.54	330.38	0.42	2.01	0.61	2.04	261.82	0.04	0.30	0.20	−0.36	328.10	0.05	0.86	−0.04	0.33	328.71	0.46	0.34	0.58	−1.34
P39	350.01	0.11	0.26	1.22	0.17	−0.00	−0.04	−0.01	−0.07	−0.01	350.15	0.07	−0.11	2.33	0.17	334.18	0.06	−0.37	3.07	0.24	333.53	0.50	0.27	0.95	1.85	268.68	0.05	0.21	0.71	0.40	332.76	0.07	0.88	−1.08	0.16	333.41	−0.36	0.24	1.05	−1.45
P40	240.14	0.20	1.56	0.41	−5.01	−0.01	0.08	0.23	−0.02	−0.01	241.35	1.11	−0.59	0.87	−5.01	233.53	0.09	−0.28	1.18	−5.05	230.61	0.42	1.80	0.28	−4.37	196.01	0.07	1.51	0.25	−4.27	226.32	0.15	3.77	−0.49	−5.07	231.23	−0.18	1.69	0.41	−5.75
P41	146.26	0.13	0.60	5.20	0.06	−0.13	0.44	−0.19	−0.12	1.42	146.62	−0.01	−0.77	0.96	5.02	142.89	−0.03	−0.99	1.51	4.94	142.86	0.25	1.07	0.19	5.16	127.27	−0.03	1.00	0.08	4.81	142.32	0.04	4.09	−1.29	5.08	127.27	−0.03	1.00	0.08	4.81
P43	209.84	0.18	0.46	−0.61	0.84	0.04	−0.26	0.14	−0.30	−0.96	209.63	−0.12	0.13	0.17	−0.38	201.33	−0.17	−0.20	0.89	−0.58	200.80	0.20	0.51	−0.74	0.63	167.39	−0.13	0.46	−0.93	−0.35	200.66	0.02	1.35	−2.72	0.20	201.19	−0.35	0.64	−1.09	−1.00
P44	179.69	0.19	−1.26	0.44	2.41	0.03	−0.32	−0.02	−0.22	−0.97	179.18	−0.03	−0.34	−0.77	−0.36	171.06	−0.18	−2.87	1.84	0.96	171.56	−0.16	−1.18	0.22	−0.60	142.48	−0.16	−1.29	0.33	0.24	142.48	−0.16	−1.18	0.22	−0.60	142.70	−0.01	0.32	−1.42	−0.21	171.67	−0.41	−1.26	0.09	−1.41
P45	192.32	0.16	−0.41	1.20	0.16	0.02	−0.36	0.14	−0.13	−0.98	191.86	−0.11	0.54	0.21	−0.63	183.49	−0.32	−1.60	2.49	−1.24	183.84	0.10	−0.32	1.13	−0.24	154.03	−0.23	−0.23	1.07	−0.91	184.53	−0.06	1.08	−0.35	−0.49	184.18	−0.48	−0.20	1.01	−1.69
P46	179.67	0.18	0.33	0.14	0.28	−0.00	0.01	−0.03	−0.03	−0.00	179.84	0.12	0.26	0.82	−0.97	171.32	0.04	−0.13	1.39	1.13	171.25	0.09	0.33	0.12	0.06	141.42	0.03	−0.23	0.22	0.12	141.63	0.03	0.85	−1.07	−0.39	171.37	−0.47	0.30	0.11	−1.58
P47	194.08	0.20	0.50	0.22	−0.53	0.03	−0.37	−0.04	0.10	−1.07	194.27	−0.23	0.20	0.90	−1.87	185.62	−0.29	0.00	1.29	−1.98	185.50	0.10	0.46	0.26	−0.78	152.24	−0.21	0.30	0.29	−1.48	185.78	−0.05	0.86	−0.66	−1.24	185.91	−0.44	0.41	0.37	−2.43
P48	115.20	0.56	0.42	−0.03	−6.40	0.02	−0.33	−1.48	0.14	−0.64	115.98	0.18	−3.22	0.36	−7.17	111.43	0.11	−4.63	0.54	5.27	110.79	0.45	−0.53	0.07	−6.65	98.80	0.09	−1.15	0.14	−7.51	111.84	0.32	2.43	−0.30	−6.92	112.48	−0.02	−1.67	0.18	−7.61
P49	100.00	−1.07	−0.92	−6.75	5.10	−0.45	0.36	−0.97	0.62	1.06	102.61	−0.74	1.42	−9.58	5.96	98.03	−0.63	−4.60	8.54	6.27	98.41	−1.53	−1.14	6.82	8.66	86.69	−0.43	−0.97	−2.81	6.81	99.56	−0.71	2.89	−14.31	6.10	98.99	−0.91	−0.20	−4.63	5.56
P50	151.66	−0.23	0.34	0.10	0.64	0.05	0.38	−0.06	0.11	1.24	151.67	0.11	0.53	−0.42	1.81	144.87	0.19	−0.13	1.36	2.02	145.00	0.41	0.23	0.39	2.77	118.46	0.19	0.18	0.73	1.67	145.07	0.11	0.67	−0.74	1.71	144.94	−0.11	0.30	0.24	0.96
P51	145.99	−0.12	−1.58	11.54	−0.03	−0.58	0.30	0.80	−0.62	0.40	145.77	0.03	−1.03	13.25	0.19	139.67	0.19	−2.62	24.29	0.45	139.06	0.37	−0.45	10.64	0.77	118.36	0.19	−0.44	9.03	0.40	140.07	0.14	1.11	−0.91	0.33	140.68	−0.05	−1.06	12.73	0.07
P52	141.14	−0.09	−1.48	−3.51	−0.04	0.01	0.28	−0.06	−0.10	−1.09	141.09	0.20	−2.39	3.63	0.36	135.63	0.21	−3.16	9.12	0.40	135.60	0.40	−0.09	−5.41	0.67	113.76	0.21	−0.90	−5.54	0.36	135.53	0.15	0.90	−18.68	0.30	135.54	−0.04	−1.27	−4.15	0.03
P53	135.87	−0.11	−3.76	−17.06	−0.35	0.95	0.81	−0.22	−0.07	0.38	137.92	1.02	−4.13	−14.65	0.23	131.25	0.76	−6.41	−0.48	0.09	132.80	1.24	−3.96	−16.26	0.37	109.72	0.75	−3.48	−18.92	0.06	131.73	0.68	−1.46	−32.81	−0.01	130.18	0.20	−3.91	−17.04	−0.28
P54	158.90	−0.17	0.29	0.26	−1.89	−0.12	0.59	0.16	−0.41	0.15	158.85	0.37	0.99	−1.83	1.11	151.94	0.52	−0.50	2.69	1.96	151.96	1.09	0.49	−0.33	4.22	125.67	0.52	0.29	0.49	1.94	152.29	0.36	1.33	−2.79	1.04	152.28	−0.22	0.33	0.23	−1.22
P55	135.64	0.39	0.34	8.44	−0.40	0.29	0.33	0.91	−0.43	1.00	138.23	0.72	4.56	1.23	0.85	131.40	0.63	−4.32	19.64	0.53	133.18	1.34	1.23	8.50	1.70	119.29	0.61	1.27	8.87	0.33	134.77	0.75	6.83	−3.24	0.74	132.98	0.04	1.28	7.90	−0.43
P57	229.99	0.14	0.89	3.54	5.08	−0.00	0.21	0.40	−0.02	0.00	230.31	−0.11	1.33	3.50	4.68	220.02	0.35	−1.69	4.33	5.02	220.21	1.09	1.24	3.62	5.80	181.12	0.27	1.14	3.77	5.27	220.56	0.28	4.23	2.83	5.18	220.36	−0.46	1.31	3.55	4.40
P58	331.32	−0.00	0.21	0.14	0.07	−0.00	0.10	−0.04	−0.03	0.00	331.63	0.09	0.59	−0.38	0.09	311.94	0.10	−0.55	0.96	0.06	312.15	0.13	0.12	0.16	0.71	255.13	0.05	0.15	0.12	0.03	255.98	0.04	0.91	−0.73	0.09	315.88	−1.18	0.24	0.07	−0.57
P59	301.25	−0.15	0.10	0.93	−0.01	−0.00	0.04	0.02	−0.03	0.00	302.17	−0.17	0.40	0.41	0.10	288.49	−0.13	−0.32	1.73	−0.05	289.36	2.16	0.12	0.92	0.58	237.42	−0.08	0.10	0.85	−0.10	289.44	−0.15	0.57	0.07	0.08	288.56	−2.43	0.13	0.88	−0.55
P60	742.41	−0.67	−0.09	77.46	21.46	0.00	0.02	0.01	−0.05	0.08	750.67	−2.23	−0.46	84.03	−31.97	670.12	−0.69	−0.23	106.00	−24.81	715.53	1.99	0.55	68.64	106.01	669.64	−0.55	−0.01	97.86	−14.31	715.53	1.99	0.55	68.64	106.01	740.83	−3.46	−1.04	105.55	−91.67
P61	753.64	−1.55	−2.47	109.42	−2.86	0.01	−0.02	0.00	−0.01	−0.02	761.08	3.04	−2.62	113.94	48.89	679.67	1.50	−2.39	138.89	47.34	730.56	4.01	2.73	129.69	104.94	680.22	1.54	−2.38	135.15	41.44	746.95	4.03	−2.33	103.70	−57.06	727.51	−0.97	−2.21	105.65	−82.99
P62	295.59	0.38	0.10	0.50	−0.25	−0.00	−0.03	0.02	−0.03	−0.00	296.78	0.34	0.37	−0.01	−0.27	283.46	0.35	−0.32	1.25	−0.26	284.00	2.63	0.12	0.41	0.35	232.52	0.31	0.11	0.28	−0.40	284.07	0.33	0.56	−0.38	−0.36	283.52	−1.96	0.12	0.46	−0.96
P63	321.81	0.08	0.21	0.19	−0.02	−0.00	−0.03	0.01	−0.04	−0.03	322.02	0.52	0.36	−0.32	0.45	307.08	0.00	0.08	0.01	0.04	307.18	0.19	0.05	0.07	0.98	245.93	0.04	0.07	0.03	0.41	307.06	0.04	0.01	−0.66	−0.02	307.06	−1.19	0.12	0.18	−0.64
P64	263.26	−0.16	0.70	3.45	−5.17	−0.00	−0.14	0.41	−0.02	−0.00	263.42	−0.28	2.87	3.01	−5.20	252.58	−0.30	−1.82	4.22	−5.10	252.90	0.49	1.12	3.47	−4.46	214.73	−0.19	0.99	3.68	−5.38	253.98	−0.24	4.01	2.77	−5.27	253.66	−1.03	1.07	3.52	−5.91
P65	140.31	−0.46	−0.18	9.44	0.96	0.21	−0.23	0.92	−0.47	−0.95	143.17	−0.69	4.17	−0.42	−0.21	136.26	−0.53	−0.51	25.15	0.18	137.67	0.00	0.82	8.54	1.60	123.26	−0.52	0.83	9.82	0.10	139.18	−0.74	6.53	−6.75	−0.23	137.77	−1.27	0.70	9.86	−1.65
P67	162.21	−0.07	−0.13	1.08	1.16	−0.10	−0.33	0.76	−0.17	1.04	161.97	−0.34	0.76	−0.37	0.10	155.29	−0.40	−0.55	2.78	−0.13	155.45	0.08	0.18	1.06	0.90	129.24	−0.37	−0.16	1.31	−0.15	155.47	−0.35	1.03	0.21	0.21	155.31	−0.83	−0.31	0.70	−0.82
P68	130.18	0.05	−3.13	−19.38	0.18	0.95	−0.77	−0.13	−0.26	−0.36	132.13	−1.02	−3.36	−17.31	−0.36	125.52	−0.77	−5.74	−2.77	−0.24	124.50	−0.24	−3.20	−19.59	0.12	104.21	−0.73	−2.82	−21.21	−0.21	125.95	−0.69	−0.68	−35.59	−0.14	126.97	−1.22	−3.23	−18.78	−0.49
P69	153.48	0.05	−1.00	−6.21	−0.17	0.13	−0.46	0.19	−1.28	−0.38	153.41	−0.44	−1.86	0.92	−0.60	147.99	−0.46	−2.54