

Supplementary Table SII Relation between female age and BMI in terms of predicted CLBR (Model 2).

	CLBR																	Female BMI																	
	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
Female age	30.00	59.39%	59.00%	58.60%	58.21%	57.81%	57.41%	57.02%	56.62%	56.22%	55.82%	55.41%	55.01%	54.61%	54.20%	53.80%	53.39%	52.99%	52.58%	1 kg/m ²															
	30.25	59.50%	59.11%	58.72%	58.32%	57.92%	57.53%	57.13%	56.73%	56.33%	55.93%	55.53%	55.13%	54.72%	54.32%	53.91%	53.51%	53.10%	52.70%	1 kg/m ²															
	30.50	59.58%	59.19%	58.80%	58.40%	58.01%	57.61%	57.21%	56.81%	56.41%	56.01%	55.61%	55.21%	54.81%	54.40%	54.00%	53.59%	53.19%	52.78%	1 kg/m ²															
	30.75	59.63%	59.24%	58.85%	58.45%	58.06%	57.66%	57.26%	56.86%	56.46%	56.06%	55.66%	55.26%	54.86%	54.45%	54.05%	53.64%	53.24%	52.83%	1 kg/m ²															
	31.00	59.65%	59.25%	58.86%	58.47%	58.07%	57.67%	57.28%	56.88%	56.48%	56.08%	55.68%	55.27%	54.87%	54.47%	54.06%	53.66%	53.25%	52.85%	1 kg/m ²															
	31.25	59.63%	59.24%	58.84%	58.45%	58.05%	57.66%	57.26%	56.86%	56.46%	56.06%	55.66%	55.26%	54.85%	54.45%	54.05%	53.64%	53.24%	52.83%	1 kg/m ²															
	31.50	59.58%	59.18%	58.79%	58.40%	58.00%	57.60%	57.21%	56.81%	56.41%	56.01%	55.60%	55.20%	54.80%	54.40%	53.99%	53.59%	53.18%	52.78%	1 kg/m ²															
	31.75	59.49%	59.10%	58.70%	58.31%	57.91%	57.51%	57.12%	56.72%	56.32%	55.92%	55.52%	55.11%	54.71%	54.31%	53.90%	53.50%	53.09%	52.69%	1 kg/m ²															
	32.00	59.37%	58.97%	58.58%	58.18%	57.79%	57.39%	56.99%	56.59%	56.19%	55.79%	55.39%	54.99%	54.58%	54.18%	53.77%	53.37%	52.96%	52.56%	1 kg/m ²															
	32.25	59.21%	58.81%	58.42%	58.02%	57.63%	57.23%	56.83%	56.43%	56.03%	55.63%	55.22%	54.82%	54.42%	54.01%	53.61%	53.20%	52.80%	52.39%	1 kg/m ²															
	32.50	59.01%	58.61%	58.22%	57.82%	57.42%	57.03%	56.63%	56.23%	55.83%	55.42%	55.02%	54.62%	54.21%	53.81%	53.41%	53.00%	52.59%	52.19%	1 kg/m ²															
	32.75	58.77%	58.38%	57.98%	57.58%	57.19%	56.79%	56.39%	55.99%	55.58%	55.18%	54.78%	54.38%	53.97%	53.57%	53.16%	52.76%	52.35%	51.94%	1 kg/m ²															
	33.00	58.49%	58.10%	57.70%	57.30%	56.91%	56.51%	56.11%	55.70%	55.30%	54.90%	54.50%	54.09%	53.69%	53.28%	52.88%	52.47%	52.06%	51.66%	1 kg/m ²															
	33.25	58.18%	57.78%	57.38%	56.98%	56.58%	56.18%	55.78%	55.38%	54.98%	54.57%	54.17%	53.77%	53.36%	52.96%	52.55%	52.14%	51.74%	51.33%	1 kg/m ²															
	33.50	57.81%	57.42%	57.02%	56.62%	56.22%	55.82%	55.42%	55.01%	54.61%	54.21%	53.80%	53.40%	52.99%	52.59%	52.18%	51.77%	51.37%	50.96%	2 kg/m ²															
	33.75	57.41%	57.01%	56.61%	56.21%	55.81%	55.41%	55.01%	54.60%	54.20%	53.80%	53.39%	52.99%	52.58%	52.17%	51.77%	51.36%	50.95%	50.55%	2 kg/m ²															
	34.00	56.96%	56.56%	56.16%	55.76%	55.36%	54.96%	54.55%	54.15%	53.75%	53.34%	52.94%	52.53%	52.12%	51.72%	51.31%	50.90%	50.49%	50.09%	2 kg/m ²															
	34.25	56.47%	56.07%	55.67%	55.27%	54.86%	54.46%	54.06%	53.65%	53.25%	52.84%	52.43%	52.03%	51.62%	51.21%	50.81%	50.40%	49.99%	49.58%	2 kg/m ²															
	34.50	55.93%	55.53%	55.12%	54.72%	54.32%	53.91%	53.51%	53.10%	52.70%	52.29%	51.88%	51.48%	51.07%	50.66%	50.26%	49.85%	49.44%	49.03%	2 kg/m ²															
	34.75	55.34%	54.94%	54.53%	54.13%	53.73%	53.32%	52.92%	52.51%	52.10%	51.70%	51.29%	50.88%	50.47%	50.07%	49.66%	49.25%	48.84%	48.44%	2 kg/m ²															
	35.00	54.70%	54.30%	53.89%	53.49%	53.08%	52.68%	52.27%	51.87%	51.46%	51.05%	50.64%	50.24%	49.83%	49.42%	49.01%	48.61%	48.20%	47.79%	2 kg/m ²															
	35.25	54.02%	53.61%	53.21%	52.80%	52.39%	51.99%	51.58%	51.17%	50.77%	50.36%	49.95%	49.54%	49.14%	48.73%	48.32%	47.91%	47.51%	47.10%	2 kg/m ²															
	35.50	53.28%	52.87%	52.46%	52.06%	51.65%	51.24%	50.84%	50.43%	50.02%	49.61%	49.21%	48.80%	48.39%	47.98%	47.58%	47.17%	46.76%	46.36%	2 kg/m ²															
	35.75	52.49%	52.08%	51.67%	51.27%	50.86%	50.45%	50.04%	49.64%	49.23%	48.82%	48.41%	48.01%	47.60%	47.19%	46.78%	46.38%	45.97%	45.57%	3 kg/m ²															
	36.00	51.64%	51.23%	50.83%	50.42%	50.01%	49.60%	49.20%	48.79%	48.38%	47.97%	47.57%	47.16%	46.75%	46.35%	45.94%	45.54%	45.13%	44.73%	3 kg/m ²															
	36.25	50.74%	50.34%	49.93%	49.52%	49.11%	48.71%	48.30%	47.89%	47.48%	47.08%	46.67%	46.26%	45.86%	45.45%	45.05%	44.64%	44.24%	43.84%	3 kg/m ²															
	36.50	49.79%	49.38%	48.98%	48.57%	48.16%	47.75%	47.35%	46.94%	46.53%	46.13%	45.72%	45.32%	44.91%	44.51%	44.10%	43.70%	43.30%	42.90%	3 kg/m ²															
	36.75	48.79%	48.38%	47.97%	47.56%	47.16%	46.75%	46.34%	45.94%	45.53%	45.13%	44.72%	44.32%	43.91%	43.51%	43.11%	42.71%	42.31%	41.91%	3 kg/m ²															
	37.00	47.72%	47.32%	46.91%	46.50%	46.10%	45.69%	45.29%	44.88%	44.48%	44.07%	43.67%	43.27%	42.87%	42.47%	42.07%	41.67%	41.27%	40.87%	3 kg/m ²															
	37.25	46.61%	46.20%	45.80%	45.39%	44.99%	44.58%	44.18%	43.77%	43.37%	42.97%	42.57%	42.17%	41.77%	41.37%	40.98%	40.58%	40.18%	39.79%	3 kg/m ²															
	37.50	45.44%	45.03%	44.63%	44.22%	43.82%	43.42%	43.02%	42.62%	42.22%	41.82%	41.42%	41.02%	40.63%	40.23%	39.84%	39.44%	39.05%	38.66%	4 kg/m ²															
	37.75	44.21%	43.81%	43.41%	43.01%	42.61%	42.21%	41.81%	41.41%	41.01%	40.62%	40.22%	39.83%	39.43%	39.04%	38.65%	38.26%	37.88%	37.49%	4 kg/m ²															

BMI decrease required*

(continued)

Supplementary Table SII Continued

CLBR	Female BMI																		
	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		35
38.00	42.94%	42.54%	42.14%	41.74%	41.34%	40.94%	40.55%	40.15%	39.76%	39.37%	38.98%	38.59%	38.20%	37.81%	37.42%	37.04%	36.66%	36.27%	4 kg/m ²
38.25	41.61%	41.21%	40.82%	40.42%	40.03%	39.63%	39.24%	38.85%	38.46%	38.07%	37.69%	37.30%	36.92%	36.53%	36.15%	35.77%	35.40%	35.02%	4 kg/m ²
38.50	40.24%	39.84%	39.45%	39.06%	38.67%	38.28%	37.89%	37.51%	37.12%	36.74%	36.36%	35.97%	35.60%	35.22%	34.84%	34.47%	34.10%	33.73%	4 kg/m ²
38.75	38.82%	38.43%	38.04%	37.65%	37.27%	36.88%	36.50%	36.12%	35.74%	35.36%	34.99%	34.61%	34.24%	33.87%	33.50%	33.13%	32.77%	32.40%	4 kg/m ²
39.00	37.35%	36.97%	36.59%	36.20%	35.82%	35.45%	35.07%	34.70%	34.32%	33.95%	33.58%	33.21%	32.85%	32.49%	32.12%	31.76%	31.41%	31.05%	4 kg/m ²
39.25	35.85%	35.47%	35.10%	34.72%	34.35%	33.98%	33.61%	33.24%	32.87%	32.51%	32.15%	31.79%	31.43%	31.07%	30.72%	30.37%	30.02%	29.67%	5 kg/m ²
39.50	34.31%	33.94%	33.57%	33.21%	32.84%	32.48%	32.12%	31.76%	31.40%	31.04%	30.69%	30.34%	29.99%	29.64%	29.30%	28.95%	28.61%	28.27%	5 kg/m ²
39.75	32.75%	32.39%	32.02%	31.67%	31.31%	30.95%	30.60%	30.25%	29.90%	29.55%	29.21%	28.87%	28.53%	28.19%	27.85%	27.52%	27.19%	26.86%	5 kg/m ²
40.00	31.16%	30.81%	30.45%	30.10%	29.75%	29.41%	29.07%	28.72%	28.39%	28.05%	27.71%	27.38%	27.05%	26.72%	26.40%	26.08%	25.76%	25.44%	5 kg/m ²
40.25	29.55%	29.21%	28.87%	28.53%	28.19%	27.85%	27.52%	27.19%	26.86%	26.53%	26.21%	25.89%	25.57%	25.25%	24.94%	24.63%	24.32%	24.01%	5 kg/m ²
40.50	27.94%	27.60%	27.27%	26.94%	26.61%	26.29%	25.97%	25.65%	25.33%	25.02%	24.71%	24.40%	24.09%	23.78%	23.48%	23.18%	22.88%	22.59%	5 kg/m ²
40.75	26.32%	25.99%	25.67%	25.36%	25.04%	24.73%	24.42%	24.11%	23.81%	23.50%	23.20%	22.91%	22.61%	22.32%	22.03%	21.74%	21.46%	21.18%	>5 kg/m ²
41.00	24.70%	24.39%	24.08%	23.78%	23.48%	23.18%	22.88%	22.58%	22.29%	22.00%	21.72%	21.43%	21.15%	20.87%	20.59%	20.32%	20.05%	19.78%	>5 kg/m ²
41.25	23.09%	22.80%	22.50%	22.21%	21.92%	21.64%	21.35%	21.07%	20.79%	20.52%	20.25%	19.98%	19.71%	19.44%	19.18%	18.92%	18.66%	18.41%	>5 kg/m ²
41.50	21.51%	21.23%	20.95%	20.67%	20.40%	20.12%	19.85%	19.59%	19.32%	19.06%	18.80%	18.55%	18.29%	18.04%	17.79%	17.55%	17.30%	17.06%	>5 kg/m ²
41.75	19.95%	19.68%	19.42%	19.16%	18.90%	18.64%	18.38%	18.13%	17.88%	17.64%	17.39%	17.15%	16.91%	16.67%	16.44%	16.21%	15.98%	15.75%	>5 kg/m ²
42.00	18.43%	18.18%	17.93%	17.68%	17.44%	17.19%	16.95%	16.72%	16.48%	16.25%	16.02%	15.79%	15.57%	15.35%	15.13%	14.91%	14.70%	14.48%	>5 kg/m ²
42.25	16.95%	16.72%	16.48%	16.25%	16.02%	15.79%	15.57%	15.35%	15.13%	14.91%	14.69%	14.48%	14.27%	14.07%	13.86%	13.66%	13.46%	13.26%	>5 kg/m ²
42.50	15.53%	15.30%	15.08%	14.87%	14.65%	14.44%	14.23%	14.03%	13.82%	13.62%	13.42%	13.22%	13.03%	12.84%	12.65%	12.46%	12.27%	12.09%	>5 kg/m ²
42.75	14.15%	13.95%	13.74%	13.54%	13.35%	13.15%	12.96%	12.76%	12.57%	12.39%	12.20%	12.02%	11.84%	11.66%	11.49%	11.32%	11.14%	10.98%	>5 kg/m ²
43.00	12.84%	12.65%	12.47%	12.28%	12.10%	11.92%	11.74%	11.56%	11.39%	11.22%	11.05%	10.88%	10.71%	10.55%	10.39%	10.23%	10.07%	9.92%	>5 kg/m ²

*BMI (kg/m²) decrease required to compensate for age-related decline in cumulative live birth rate (CLBR) following a 3-month delay in treatment initiation to attempt weight-loss. The color groups go in increasing order of BMI units required, with dark green indicating the lowest (1 unit) and burgundy representing the highest (more than 5 units) BMI units required. For heterosexual couples, a mean decrease in CLBR per year of -0.91% (95% CI between -1.78% and -0.45%) should also be accounted for owing to male ageing. Full regression model presented in [Supplementary Table SI](#) (Model 2). Data are also presented as a contour graph in [Fig. 2](#) and available as a [Supplementary Interactive Calculator at http://clbrcalculator.med.up.pt/](http://clbrcalculator.med.up.pt/).