

EU Shoe Size Prediction

Linear regression: shoe_size = $0.225 \times \text{height} + 0.02 \times \text{weight} - 2$

Based on biomechanical observation that foot length is around 15% of height.

↓h, w→	50	55	60	65	70	75	80	85	90	95	100
160	35	35	35	35	35	36	36	36	36	36	36
162	36	36	36	36	36	36	36	36	36	36	36
164	36	36	36	36	36	36	36	37	37	37	37
166	36	36	37	37	37	37	37	37	37	37	37
168	37	37	37	37	37	37	37	38	38	38	38
170	37	37	38	38	38	38	38	38	38	38	38
172	38	38	38	38	38	38	38	38	38	39	39
174	38	38	38	38	38	39	39	39	39	39	39
176	39	39	39	39	39	39	39	39	39	40	40
178	39	39	39	39	40	40	40	40	40	40	40
180	40	40	40	40	40	40	40	40	40	40	40
182	40	40	40	40	40	40	41	41	41	41	41
184	40	40	41	41	41	41	41	41	41	41	41
186	41	41	41	41	41	41	42	42	42	42	42
188	41	41	42	42	42	42	42	42	42	42	42
190	42	42	42	42	42	42	42	42	42	43	43