input data

180	155	149	176	181	146	105	191	163	116
113	182	149	195	147	146	113	185	155	149
180	131	184	198	119	122	160	153	109	158

variational series

105	109	113	113	116	119	122	131	146	146
147	149	149	149	153	155	155	158	160	163
176	180	180	181	182	184	185	191	195	198

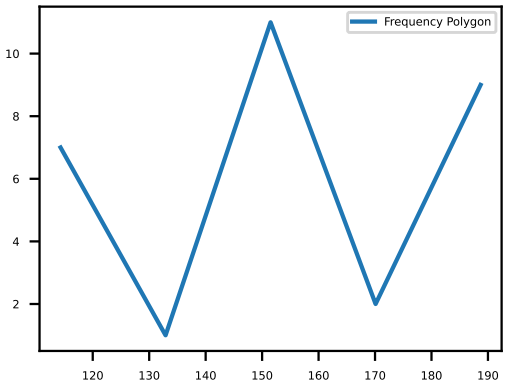
$$x_{min} = 105;\ x_{max} = 198$$

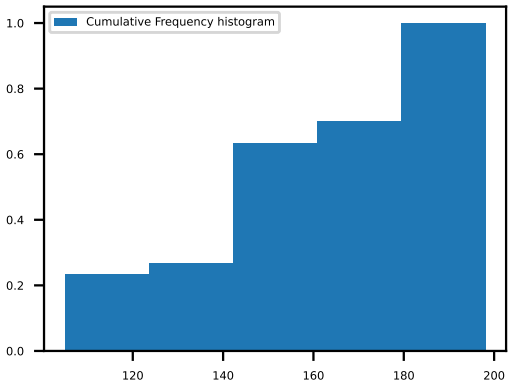
$$L = 5;\ h = \frac{x_{max} - x_{min}}{L} = \frac{198 - 105}{5} = 18.6$$

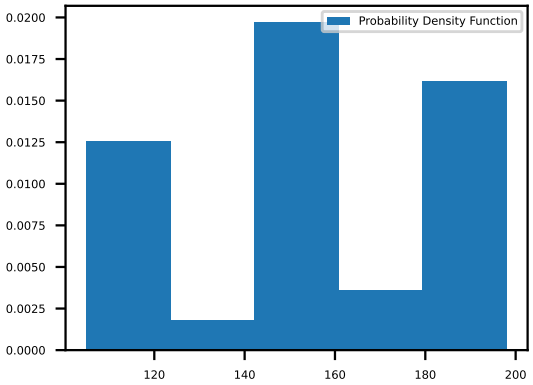
bin edges

105.0	123.6	142.2	160.8	179.4	198.0

range	frequency	frequency density	cumulative frequency	cumulative frequency density
(105.0, 123.6)	7	0.233333	7	0.233333
(123.6, 142.2)	1	0.033333	8	0.266667
(142.2, 160.8)	11	0.366667	19	0.633333
(160.8, 179.4)	2	0.066667	21	0.7
(179.4, 198.0)	9	0.3	30	1.0







$$\overline{x_b} = 154.60;\ D = 753.02$$