

Introducing the I'-chart: an improved individuals chart for quality improvement and control

2025-05-31

SUPPLEMENTARY MATERIALS: TABLES

Diabetes HbA1c data

Table 1: Diabetes HbA1c data set. 43 observations of 3 variables: month = month of measurements, avg_hba1c = average of HbA1c measurements, n = number of patients

month	avg_hba1c	n
2019-03-01	59.32243	214
2019-04-01	60.24138	203
2019-05-01	58.06604	212
2019-06-01	60.42437	238
2019-07-01	62.37500	96
2019-08-01	59.31452	248
2019-09-01	60.55556	234
2019-10-01	60.29167	168
2019-11-01	59.64948	194
2019-12-01	61.78761	226
2020-01-01	60.50935	214
2020-02-01	61.63380	213
2020-03-01	62.94118	119
2020-04-01	67.94340	53
2020-05-01	61.72283	184
2020-06-01	59.93361	241
2020-07-01	61.89247	93
2020-08-01	60.97183	213
2020-09-01	59.83083	266
2020-10-01	63.62105	190
2020-11-01	62.69444	216
2020-12-01	61.37714	175
2021-01-01	62.94215	121
2021-02-01	60.78378	148
2021-03-01	60.26230	244
2021-04-01	58.81264	182
2021-05-01	58.03653	219
2021-06-01	58.87793	213

month	avg_hba1c	n
2021-07-01	63.81143	70
2021-08-01	59.22905	179
2021-09-01	57.69643	224
2021-10-01	61.42289	201
2021-11-01	62.88889	99
2021-12-01	59.90000	120
2022-01-01	60.83091	165
2022-02-01	60.02439	164
2022-03-01	57.78947	171
2022-04-01	59.07333	150
2022-05-01	60.53571	168
2022-06-01	60.46012	163
2022-07-01	57.96036	111
2022-08-01	59.26316	190
2022-09-01	57.89529	191

Bacteremia data

Table 2: Bacteremia data set. 24 observations of 5 variables: month = month of infection, ha_infections: number of hospital acquired infections, risk_days = number of patient days without infection, deaths = 30-day mortality after all-cause (community + hospital) infection, patients = number of patients with all-cause infection

month	ha_infections	risk_days	deaths	patients
2017-01-01	24	32421	23	100
2017-02-01	29	29349	22	105
2017-03-01	26	32981	13	99
2017-04-01	16	29588	14	85
2017-05-01	28	30856	17	98
2017-06-01	16	30544	15	85
2017-07-01	14	26482	15	89
2017-08-01	18	27637	25	99
2017-09-01	27	30495	21	103
2017-10-01	30	30600	24	86
2017-11-01	28	31770	23	110
2017-12-01	24	31679	26	98
2018-01-01	16	32720	18	93
2018-02-01	25	29698	23	96
2018-03-01	20	32118	24	115
2018-04-01	25	30212	25	102
2018-05-01	22	31612	15	94
2018-06-01	28	30514	21	94
2018-07-01	23	26362	26	94
2018-08-01	23	28131	16	97
2018-09-01	17	29071	25	114
2018-10-01	22	28481	22	108
2018-11-01	21	29223	24	102
2018-12-01	22	28611	18	104