Number of Unique Patients in dataset

951

Descriptive Statistics for PDC and MPR

The MEANS Procedure

Variable	Mean	Median	Std Dev	Minimum	Maximum
MPR	0.61	0.60	0.13	0.30	0.90
PDC	0.61	0.60	0.13	0.30	0.90

Descriptive Statistics for PDC and MPR by Age, Sex, Payer Type

The MEANS Procedure

agegroup	sex	race_ethnicity	payer_type	N Obs	Variable	Mean	Median	Std Dev	Minimum	Maximum
0-30	F	Asian	Commercial	3	PDC	0.63	0.60	0.06	0.60	0.70
					MPR	0.63	0.60	0.06	0.60	0.70
			Medicaid	6	PDC	0.73	0.75	0.08	0.60	0.80
					MPR	0.73	0.75	0.08	0.60	0.80
			Medicare	5	PDC	0.66	0.60	0.09	0.60	0.80
					MPR	0.66	0.60	0.09	0.60	0.80
			Self-Pay	1	PDC	0.50	0.50	.	0.50	0.50
					MPR	0.50	0.50	.	0.50	0.50
		Black	Commercial	7	PDC	0.60	0.60	0.14	0.40	0.80
					MPR	0.60	0.60	0.14	0.40	0.80
			Medicaid	5	PDC	0.72	0.80	0.11	0.60	0.80
					MPR	0.72	0.80	0.11	0.60	0.80
			Medicare	3	PDC	0.77	0.80	0.06	0.70	0.80
					MPR	0.77	0.80	0.06	0.70	0.80
			Self-Pay	3	PDC	0.60	0.60	0.00	0.60	0.60
					MPR	0.60	0.60	0.00	0.60	0.60
		Hispanic	Commercial	2	PDC	0.60	0.60	0.14	0.50	0.70
					MPR	0.60	0.60	0.14	0.50	0.70
			Medicaid	5	PDC	0.60	0.50	0.19	0.40	0.80
					MPR	0.60	0.50	0.19	0.40	0.80
			Medicare	2	PDC	0.70	0.70	0.14	0.60	0.80
					MPR	0.70	0.70	0.14	0.60	0.80
			Self-Pay	7	PDC	0.66	0.60	0.10	0.60	0.80
					MPR	0.66	0.60	0.10	0.60	0.80
		Other	Commercial	1	PDC	0.60	0.60	.	0.60	0.60
					MPR	0.60	0.60	.	0.60	0.60
			Medicaid	3	PDC	0.70	0.70	0.00	0.70	0.70
					MPR	0.70	0.70	0.00	0.70	0.70
			Medicare	7	PDC	0.63	0.70	0.13	0.40	0.70
					MPR	0.63	0.70	0.13	0.40	0.70
			Self-Pay	5	PDC	0.64	0.60	0.11	0.50	0.80
					MPR	0.64	0.60	0.11	0.50	0.80
		White	Commercial	3	PDC	0.57	0.60	0.25	0.30	0.80
					MPR	0.57	0.60	0.25	0.30	0.80
			Medicaid	4	PDC	0.75	0.75	0.06	0.70	0.80
					MPR	0.75	0.75	0.06	0.70	0.80
			Medicare	4	PDC	0.60	0.55	0.14	0.50	0.80
					MPR	0.60	0.55	0.14	0.50	0.80
			Self-Pay	5	PDC	0.62	0.60	0.13	0.50	0.80
					MPR	0.62	0.60	0.13	0.50	0.80
	M	Asian	Commercial	5	PDC	0.62	0.60	0.13	0.50	0.80
					MPR	0.62	0.60	0.13	0.50	0.80
			Medicaid	5	PDC	0.50	0.40	0.14	0.40	0.70
					MPR	0.50	0.40	0.14	0.40	0.70
			Medicare	4	PDC	0.53	0.50	0.15	0.40	0.70
					MPR	0.53	0.50	0.15	0.40	0.70
			Self-Pay	10	PDC	0.63	0.60	0.13	0.50	0.80
					MPR	0.63	0.60	0.13	0.50	0.80
		Black	Commercial	4	PDC	0.75	0.75	0.06	0.70	0.80
					MPR	0.75	0.75	0.06	0.70	0.80
			Medicaid	4	PDC	0.58	0.60	0.05	0.50	0.60
					MPR	0.58	0.60	0.05	0.50	0.60
			Medicare	2	PDC	0.50	0.50	0.00	0.50	0.50
					MPR	0.50	0.50	0.00	0.50	0.50

Descriptive Statistics for PDC and MPR by Age, Sex, Payer Type

The MEANS Procedure

agegroup	sex	race_ethnicity	payer_type	N Obs	Variable	Mean	Median	Std Dev	Minimum	Maximum
0-30	M	Black	Self-Pay	4	PDC	0.53	0.50	0.05	0.50	0.60
					MPR	0.53	0.50	0.05	0.50	0.60
		Hispanic	Commercial	1	PDC	0.70	0.70	.	0.70	0.70
					MPR	0.70	0.70	.	0.70	0.70
			Medicaid	6	PDC	0.65	0.70	0.12	0.50	0.80
					MPR	0.65	0.70	0.12	0.50	0.80
			Medicare	5	PDC	0.62	0.60	0.08	0.50	0.70
					MPR	0.62	0.60	0.08	0.50	0.70
			Self-Pay	2	PDC	0.65	0.65	0.21	0.50	0.80
					MPR	0.65	0.65	0.21	0.50	0.80
		Other	Commercial	2	PDC	0.45	0.45	0.07	0.40	0.50
					MPR	0.45	0.45	0.07	0.40	0.50
			Medicaid	2	PDC	0.65	0.65	0.07	0.60	0.70
					MPR	0.65	0.65	0.07	0.60	0.70
			Medicare	3	PDC	0.57	0.50	0.12	0.50	0.70
					MPR	0.57	0.50	0.12	0.50	0.70
			Self-Pay	5	PDC	0.58	0.60	0.08	0.50	0.70
					MPR	0.58	0.60	0.08	0.50	0.70
		White	Commercial	5	PDC	0.58	0.50	0.11	0.50	0.70
					MPR	0.58	0.50	0.11	0.50	0.70
			Medicaid	2	PDC	0.65	0.65	0.21	0.50	0.80
					MPR	0.65	0.65	0.21	0.50	0.80
			Medicare	2	PDC	0.55	0.55	0.07	0.50	0.60
					MPR	0.55	0.55	0.07	0.50	0.60
			Self-Pay	6	PDC	0.55	0.50	0.14	0.40	0.80
					MPR	0.55	0.50	0.14	0.40	0.80
30-44	F	Asian	Commercial	4	PDC	0.53	0.45	0.19	0.40	0.80
					MPR	0.53	0.45	0.19	0.40	0.80
			Medicaid	7	PDC	0.59	0.50	0.12	0.50	0.80
					MPR	0.59	0.50	0.12	0.50	0.80
			Medicare	5	PDC	0.62	0.70	0.16	0.40	0.80
					MPR	0.62	0.70	0.16	0.40	0.80
			Self-Pay	6	PDC	0.63	0.60	0.05	0.60	0.70
					MPR	0.63	0.60	0.05	0.60	0.70
		Black	Commercial	4	PDC	0.65	0.60	0.10	0.60	0.80
					MPR	0.65	0.60	0.10	0.60	0.80
			Medicaid	5	PDC	0.54	0.50	0.05	0.50	0.60
					MPR	0.54	0.50	0.05	0.50	0.60
			Medicare	4	PDC	0.50	0.45	0.14	0.40	0.70
					MPR	0.50	0.45	0.14	0.40	0.70
			Self-Pay	7	PDC	0.63	0.70	0.14	0.40	0.80
					MPR	0.63	0.70	0.14	0.40	0.80
		Hispanic	Commercial	1	PDC	0.60	0.60	.	0.60	0.60
					MPR	0.60	0.60	.	0.60	0.60
			Medicaid	5	PDC	0.56	0.50	0.13	0.50	0.80
					MPR	0.56	0.50	0.13	0.50	0.80
			Medicare	4	PDC	0.65	0.70	0.19	0.40	0.80
					MPR	0.65	0.70	0.19	0.40	0.80
			Self-Pay	7	PDC	0.64	0.70	0.11	0.50	0.80
					MPR	0.64	0.70	0.11	0.50	0.80
		Other	Commercial	6	PDC	0.62	0.60	0.16	0.40	0.80
					MPR	0.62	0.60	0.16	0.40	0.80
			Medicaid	3	PDC	0.63	0.70	0.12	0.50	0.70
					MPR	0.63	0.70	0.12	0.50	0.70

Descriptive Statistics for PDC and MPR by Age, Sex, Payer Type

The MEANS Procedure

agegroup	sex	race_ethnicity	payer_type	N Obs	Variable	Mean	Median	Std Dev	Minimum	Maximum
30-44	F	Other	Medicare	4	PDC	0.68	0.70	0.13	0.50	0.80
					MPR	0.68	0.70	0.13	0.50	0.80
			Self-Pay	5	PDC	0.56	0.50	0.13	0.40	0.70
					MPR	0.56	0.50	0.13	0.40	0.70
		White	Commercial	2	PDC	0.50	0.50	0.00	0.50	0.50
					MPR	0.50	0.50	0.00	0.50	0.50
			Medicaid	4	PDC	0.53	0.50	0.13	0.40	0.70
					MPR	0.53	0.50	0.13	0.40	0.70
			Medicare	10	PDC	0.57	0.55	0.13	0.40	0.70
					MPR	0.57	0.55	0.13	0.40	0.70
			Self-Pay	7	PDC	0.63	0.70	0.13	0.50	0.80
					MPR	0.63	0.70	0.13	0.50	0.80
	M	Asian	Commercial	3	PDC	0.73	0.80	0.12	0.60	0.80
					MPR	0.73	0.80	0.12	0.60	0.80
			Medicaid	4	PDC	0.65	0.65	0.13	0.50	0.80
					MPR	0.65	0.65	0.13	0.50	0.80
			Medicare	3	PDC	0.63	0.60	0.15	0.50	0.80
					MPR	0.63	0.60	0.15	0.50	0.80
			Self-Pay	5	PDC	0.66	0.70	0.17	0.40	0.80
					MPR	0.66	0.70	0.17	0.40	0.80
		Black	Commercial	4	PDC	0.70	0.70	0.00	0.70	0.70
					MPR	0.70	0.70	0.00	0.70	0.70
			Medicaid	6	PDC	0.63	0.60	0.15	0.50	0.80
					MPR	0.63	0.60	0.15	0.50	0.80
			Medicare	5	PDC	0.72	0.80	0.13	0.50	0.80
					MPR	0.72	0.80	0.13	0.50	0.80
			Self-Pay	8	PDC	0.60	0.55	0.15	0.40	0.80
					MPR	0.60	0.55	0.15	0.40	0.80
		Hispanic	Commercial	7	PDC	0.64	0.70	0.13	0.40	0.80
					MPR	0.64	0.70	0.13	0.40	0.80
			Medicaid	5	PDC	0.70	0.70	0.10	0.60	0.80
					MPR	0.70	0.70	0.10	0.60	0.80
			Medicare	5	PDC	0.62	0.60	0.15	0.40	0.80
					MPR	0.62	0.60	0.15	0.40	0.80
			Self-Pay	4	PDC	0.70	0.75	0.14	0.50	0.80
					MPR	0.70	0.75	0.14	0.50	0.80
		Other	Commercial	7	PDC	0.63	0.70	0.14	0.40	0.80
					MPR	0.63	0.70	0.14	0.40	0.80
			Medicaid	5	PDC	0.52	0.50	0.08	0.40	0.60
					MPR	0.52	0.50	0.08	0.40	0.60
			Medicare	7	PDC	0.66	0.70	0.10	0.50	0.80
					MPR	0.66	0.70	0.10	0.50	0.80
			Self-Pay	5	PDC	0.60	0.50	0.14	0.50	0.80
					MPR	0.60	0.50	0.14	0.50	0.80
		White	Commercial	8	PDC	0.54	0.50	0.12	0.40	0.80
					MPR	0.54	0.50	0.12	0.40	0.80
			Medicaid	5	PDC	0.52	0.50	0.19	0.30	0.80
					MPR	0.52	0.50	0.19	0.30	0.80
			Medicare	2	PDC	0.50	0.50	0.00	0.50	0.50
					MPR	0.50	0.50	0.00	0.50	0.50
			Self-Pay	7	PDC	0.50	0.50	0.06	0.40	0.60
					MPR	0.50	0.50	0.06	0.40	0.60
45-59	F	Asian	Commercial	7	PDC	0.60	0.60	0.13	0.40	0.80
					MPR	0.60	0.60	0.13	0.40	0.80

Descriptive Statistics for PDC and MPR by Age, Sex, Payer Type

The MEANS Procedure

agegroup	sex	race_ethnicity	payer_type	N Obs	Variable	Mean	Median	Std Dev	Minimum	Maximum
45-59	F	Asian	Medicaid	5	PDC	0.70	0.70	0.07	0.60	0.80
					MPR	0.70	0.70	0.07	0.60	0.80
			Medicare	4	PDC	0.55	0.55	0.13	0.40	0.70
					MPR	0.55	0.55	0.13	0.40	0.70
			Self-Pay	5	PDC	0.52	0.50	0.16	0.40	0.80
					MPR	0.52	0.50	0.16	0.40	0.80
		Black	Commercial	6	PDC	0.65	0.65	0.10	0.50	0.80
					MPR	0.65	0.65	0.10	0.50	0.80
			Medicaid	6	PDC	0.62	0.65	0.10	0.50	0.70
					MPR	0.62	0.65	0.10	0.50	0.70
			Medicare	6	PDC	0.67	0.65	0.08	0.60	0.80
					MPR	0.67	0.65	0.08	0.60	0.80
			Self-Pay	5	PDC	0.54	0.60	0.09	0.40	0.60
					MPR	0.54	0.60	0.09	0.40	0.60
		Hispanic	Commercial	5	PDC	0.66	0.70	0.15	0.50	0.80
					MPR	0.66	0.70	0.15	0.50	0.80
			Medicaid	7	PDC	0.59	0.60	0.17	0.40	0.80
					MPR	0.59	0.60	0.17	0.40	0.80
			Medicare	3	PDC	0.70	0.70	0.10	0.60	0.80
					MPR	0.70	0.70	0.10	0.60	0.80
			Self-Pay	8	PDC	0.60	0.60	0.17	0.40	0.80
					MPR	0.60	0.60	0.17	0.40	0.80
		Other	Commercial	3	PDC	0.70	0.70	0.00	0.70	0.70
					MPR	0.70	0.70	0.00	0.70	0.70
			Medicaid	2	PDC	0.60	0.60	0.14	0.50	0.70
					MPR	0.60	0.60	0.14	0.50	0.70
			Medicare	5	PDC	0.56	0.50	0.09	0.50	0.70
					MPR	0.56	0.50	0.09	0.50	0.70
			Self-Pay	4	PDC	0.50	0.50	0.08	0.40	0.60
					MPR	0.50	0.50	0.08	0.40	0.60
		White	Commercial	6	PDC	0.55	0.50	0.08	0.50	0.70
					MPR	0.55	0.50	0.08	0.50	0.70
			Medicaid	4	PDC	0.68	0.70	0.05	0.60	0.70
					MPR	0.68	0.70	0.05	0.60	0.70
			Medicare	4	PDC	0.58	0.60	0.13	0.40	0.70
					MPR	0.58	0.60	0.13	0.40	0.70
			Self-Pay	4	PDC	0.70	0.70	0.12	0.60	0.80
					MPR	0.70	0.70	0.12	0.60	0.80
	M	Asian	Commercial	4	PDC	0.48	0.50	0.05	0.40	0.50
					MPR	0.48	0.50	0.05	0.40	0.50
			Medicaid	2	PDC	0.60	0.60	0.28	0.40	0.80
					MPR	0.60	0.60	0.28	0.40	0.80
			Medicare	9	PDC	0.64	0.60	0.12	0.50	0.80
					MPR	0.64	0.60	0.12	0.50	0.80
			Self-Pay	6	PDC	0.48	0.50	0.08	0.40	0.60
					MPR	0.48	0.50	0.08	0.40	0.60
		Black	Commercial	7	PDC	0.59	0.60	0.19	0.40	0.80
					MPR	0.59	0.60	0.19	0.40	0.80
			Medicaid	5	PDC	0.60	0.60	0.12	0.50	0.80
					MPR	0.60	0.60	0.12	0.50	0.80
			Medicare	5	PDC	0.48	0.50	0.08	0.40	0.60
					MPR	0.48	0.50	0.08	0.40	0.60
			Self-Pay	7	PDC	0.61	0.60	0.12	0.40	0.80
					MPR	0.61	0.60	0.12	0.40	0.80

Descriptive Statistics for PDC and MPR by Age, Sex, Payer Type

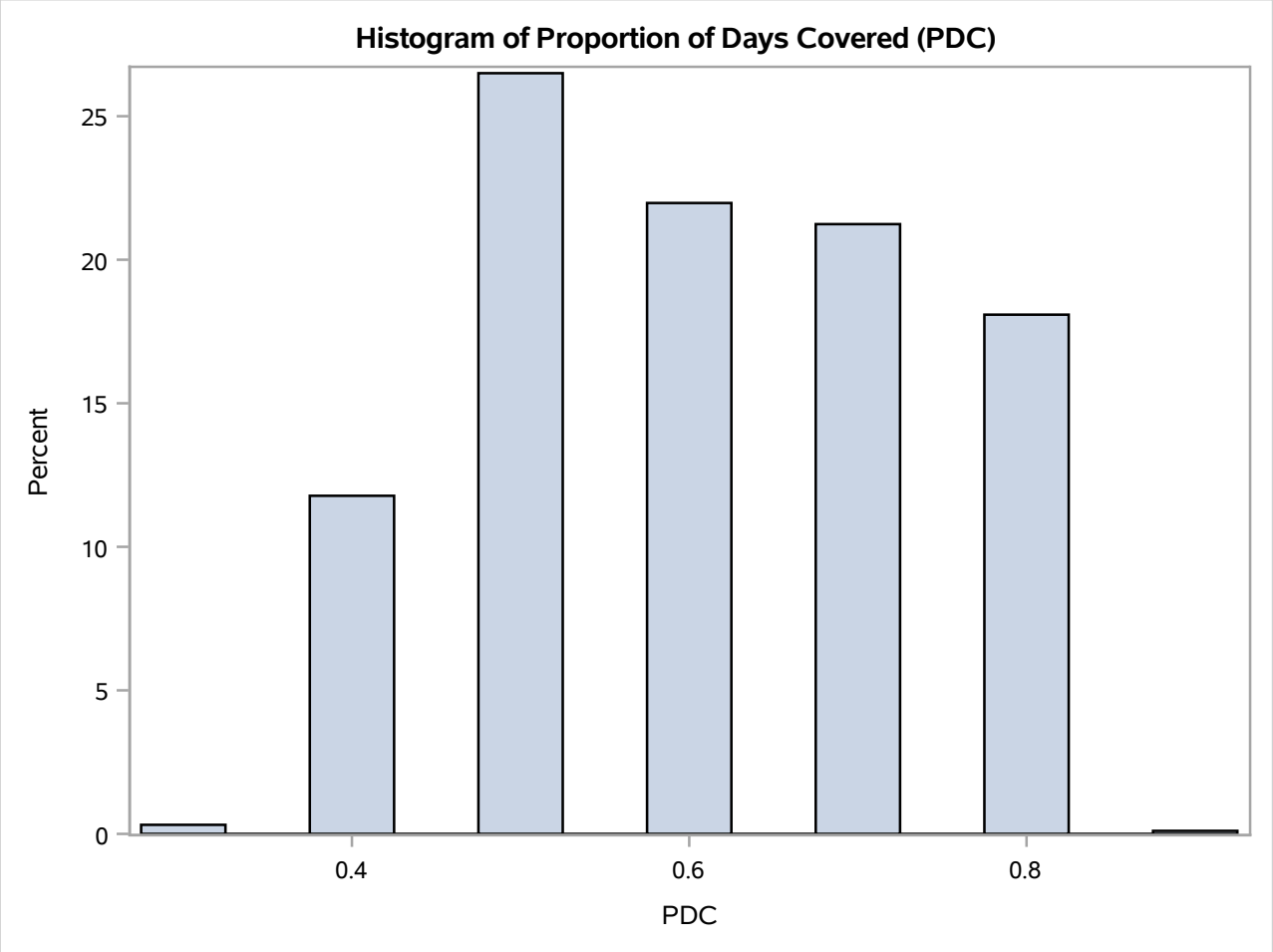
The MEANS Procedure

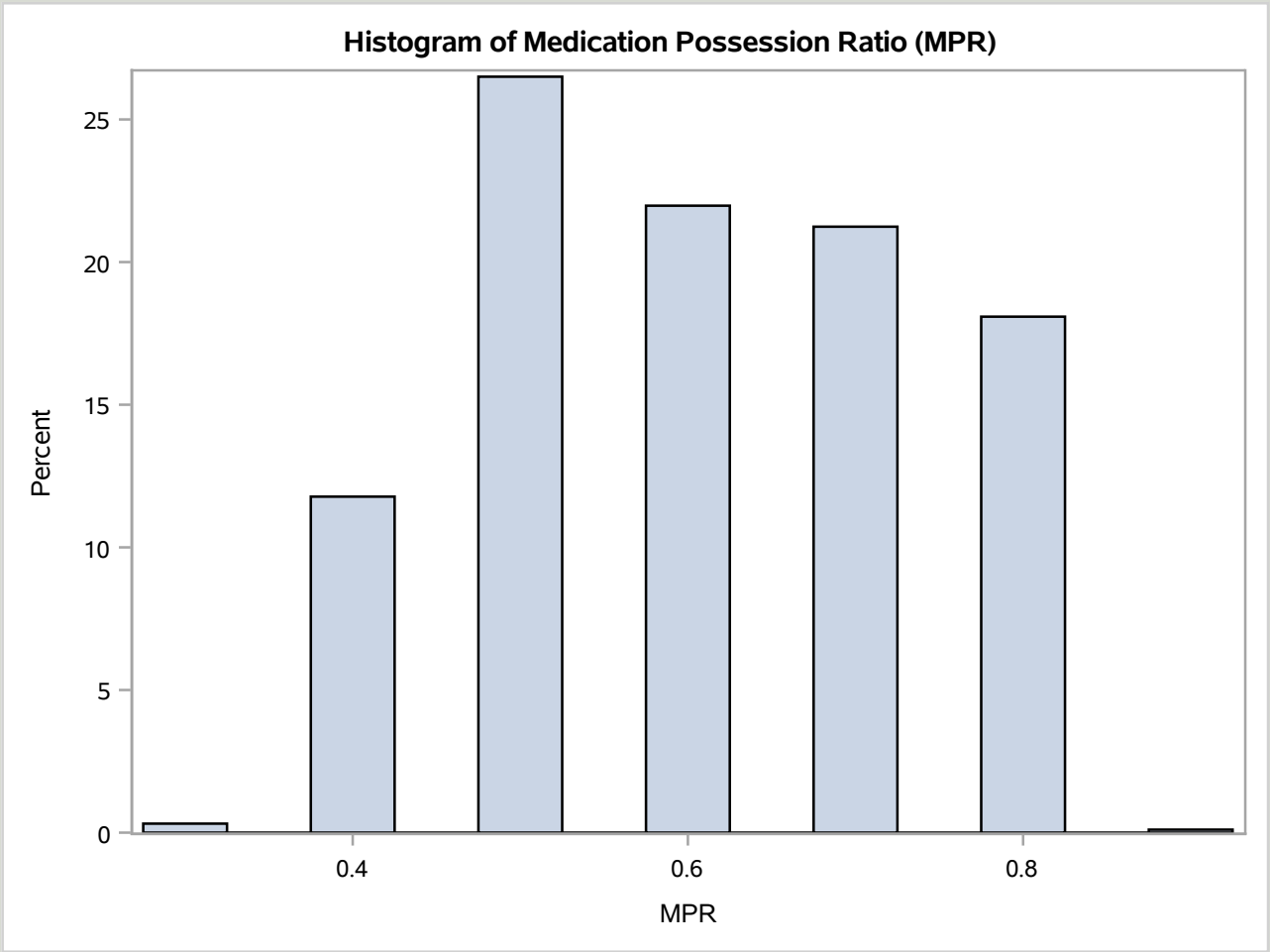
agegroup	sex	race_ethnicity	payer_type	N Obs	Variable	Mean	Median	Std Dev	Minimum	Maximum
45-59	M	Hispanic	Commercial	3	PDC	0.63	0.60	0.15	0.50	0.80
					MPR	0.63	0.60	0.15	0.50	0.80
			Medicaid	7	PDC	0.57	0.60	0.13	0.40	0.80
					MPR	0.57	0.60	0.13	0.40	0.80
			Medicare	5	PDC	0.60	0.60	0.16	0.40	0.80
					MPR	0.60	0.60	0.16	0.40	0.80
			Self-Pay	7	PDC	0.63	0.50	0.16	0.50	0.80
					MPR	0.63	0.50	0.16	0.50	0.80
		Other	Commercial	7	PDC	0.64	0.60	0.13	0.50	0.80
					MPR	0.64	0.60	0.13	0.50	0.80
			Medicaid	4	PDC	0.65	0.65	0.13	0.50	0.80
					MPR	0.65	0.65	0.13	0.50	0.80
			Medicare	5	PDC	0.58	0.50	0.13	0.50	0.80
					MPR	0.58	0.50	0.13	0.50	0.80
			Self-Pay	8	PDC	0.56	0.55	0.11	0.40	0.70
					MPR	0.56	0.55	0.11	0.40	0.70
		White	Commercial	5	PDC	0.60	0.60	0.12	0.50	0.80
					MPR	0.60	0.60	0.12	0.50	0.80
			Medicaid	6	PDC	0.47	0.50	0.08	0.30	0.50
					MPR	0.47	0.50	0.08	0.30	0.50
			Medicare	1	PDC	0.50	0.50	.	0.50	0.50
					MPR	0.50	0.50	.	0.50	0.50
			Self-Pay	2	PDC	0.65	0.65	0.21	0.50	0.80
					MPR	0.65	0.65	0.21	0.50	0.80
60+	F	Asian	Commercial	13	PDC	0.61	0.60	0.14	0.40	0.80
					MPR	0.61	0.60	0.14	0.40	0.80
			Medicaid	10	PDC	0.57	0.55	0.13	0.40	0.80
					MPR	0.57	0.55	0.13	0.40	0.80
			Medicare	8	PDC	0.58	0.55	0.15	0.40	0.80
					MPR	0.58	0.55	0.15	0.40	0.80
			Self-Pay	11	PDC	0.62	0.60	0.14	0.40	0.80
					MPR	0.62	0.60	0.14	0.40	0.80
		Black	Commercial	8	PDC	0.60	0.60	0.13	0.40	0.80
					MPR	0.60	0.60	0.13	0.40	0.80
			Medicaid	12	PDC	0.62	0.60	0.18	0.40	0.80
					MPR	0.62	0.60	0.18	0.40	0.80
			Medicare	12	PDC	0.59	0.60	0.10	0.50	0.80
					MPR	0.59	0.60	0.10	0.50	0.80
			Self-Pay	12	PDC	0.56	0.60	0.12	0.40	0.80
					MPR	0.56	0.60	0.12	0.40	0.80
		Hispanic	Commercial	9	PDC	0.61	0.60	0.13	0.50	0.80
					MPR	0.61	0.60	0.13	0.50	0.80
			Medicaid	7	PDC	0.56	0.50	0.13	0.40	0.80
					MPR	0.56	0.50	0.13	0.40	0.80
			Medicare	7	PDC	0.61	0.60	0.11	0.50	0.80
					MPR	0.61	0.60	0.11	0.50	0.80
			Self-Pay	11	PDC	0.61	0.60	0.14	0.40	0.80
					MPR	0.61	0.60	0.14	0.40	0.80
		Other	Commercial	10	PDC	0.56	0.55	0.13	0.40	0.70
					MPR	0.56	0.55	0.13	0.40	0.70
			Medicaid	8	PDC	0.70	0.70	0.11	0.50	0.80
					MPR	0.70	0.70	0.11	0.50	0.80
			Medicare	9	PDC	0.57	0.60	0.13	0.40	0.80
					MPR	0.57	0.60	0.13	0.40	0.80

Descriptive Statistics for PDC and MPR by Age, Sex, Payer Type

The MEANS Procedure

agegroup	sex	race_ethnicity	payer_type	N Obs	Variable	Mean	Median	Std Dev	Minimum	Maximum
60+	F	Other	Self-Pay	10	PDC	0.60	0.60	0.16	0.40	0.90
					MPR	0.60	0.60	0.16	0.40	0.90
		White	Commercial	7	PDC	0.71	0.70	0.11	0.50	0.80
					MPR	0.71	0.70	0.11	0.50	0.80
			Medicaid	6	PDC	0.65	0.65	0.14	0.50	0.80
					MPR	0.65	0.65	0.14	0.50	0.80
			Medicare	10	PDC	0.56	0.55	0.13	0.40	0.80
					MPR	0.56	0.55	0.13	0.40	0.80
			Self-Pay	9	PDC	0.53	0.50	0.10	0.40	0.70
					MPR	0.53	0.50	0.10	0.40	0.70
	M	Asian	Commercial	9	PDC	0.62	0.60	0.15	0.40	0.80
					MPR	0.62	0.60	0.15	0.40	0.80
			Medicaid	9	PDC	0.51	0.50	0.06	0.40	0.60
					MPR	0.51	0.50	0.06	0.40	0.60
			Medicare	10	PDC	0.63	0.60	0.13	0.40	0.80
					MPR	0.63	0.60	0.13	0.40	0.80
			Self-Pay	12	PDC	0.62	0.60	0.16	0.40	0.80
					MPR	0.62	0.60	0.16	0.40	0.80
		Black	Commercial	8	PDC	0.60	0.60	0.13	0.40	0.80
					MPR	0.60	0.60	0.13	0.40	0.80
			Medicaid	11	PDC	0.59	0.60	0.14	0.40	0.80
					MPR	0.59	0.60	0.14	0.40	0.80
			Medicare	7	PDC	0.59	0.60	0.16	0.40	0.80
					MPR	0.59	0.60	0.16	0.40	0.80
			Self-Pay	14	PDC	0.59	0.55	0.14	0.40	0.80
					MPR	0.59	0.55	0.14	0.40	0.80
		Hispanic	Commercial	6	PDC	0.67	0.70	0.10	0.50	0.80
					MPR	0.67	0.70	0.10	0.50	0.80
			Medicaid	9	PDC	0.51	0.50	0.12	0.40	0.70
					MPR	0.51	0.50	0.12	0.40	0.70
			Medicare	20	PDC	0.66	0.70	0.14	0.40	0.80
					MPR	0.66	0.70	0.14	0.40	0.80
			Self-Pay	7	PDC	0.63	0.70	0.16	0.40	0.80
					MPR	0.63	0.70	0.16	0.40	0.80
		Other	Commercial	11	PDC	0.63	0.70	0.14	0.40	0.80
					MPR	0.63	0.70	0.14	0.40	0.80
			Medicaid	9	PDC	0.63	0.70	0.16	0.40	0.80
					MPR	0.63	0.70	0.16	0.40	0.80
			Medicare	8	PDC	0.68	0.65	0.12	0.50	0.80
					MPR	0.68	0.65	0.12	0.50	0.80
			Self-Pay	7	PDC	0.57	0.50	0.19	0.40	0.80
					MPR	0.57	0.50	0.19	0.40	0.80
		White	Commercial	9	PDC	0.67	0.70	0.11	0.50	0.80
					MPR	0.67	0.70	0.11	0.50	0.80
			Medicaid	11	PDC	0.62	0.70	0.13	0.40	0.80
					MPR	0.62	0.70	0.13	0.40	0.80
			Medicare	8	PDC	0.60	0.60	0.11	0.50	0.80
					MPR	0.60	0.60	0.11	0.50	0.80
			Self-Pay	8	PDC	0.69	0.70	0.10	0.50	0.80
					MPR	0.69	0.70	0.10	0.50	0.80


Histogram of Proportion of Days Covered (PDC)
Percent
25
20
15
10
5
0
0.4
0.6
0.8
PDC


Histogram of Medication Possession Ratio (MPR)
Percent
25
20
15
10
5
0
0.4
0.6
0.8
MPR

Adherence Rates by Age Group, Gender, and Payer Type

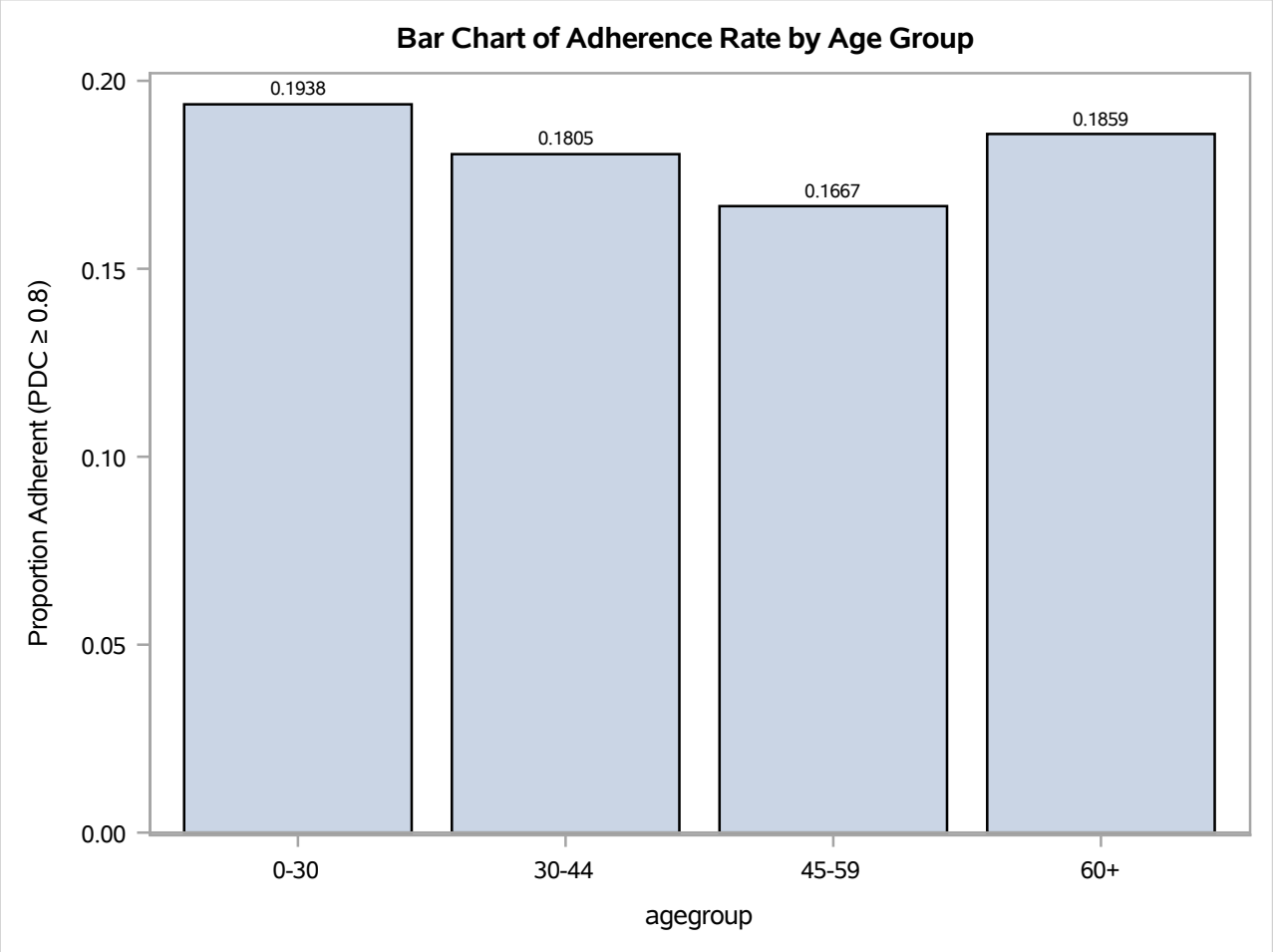
The FREQ Procedure

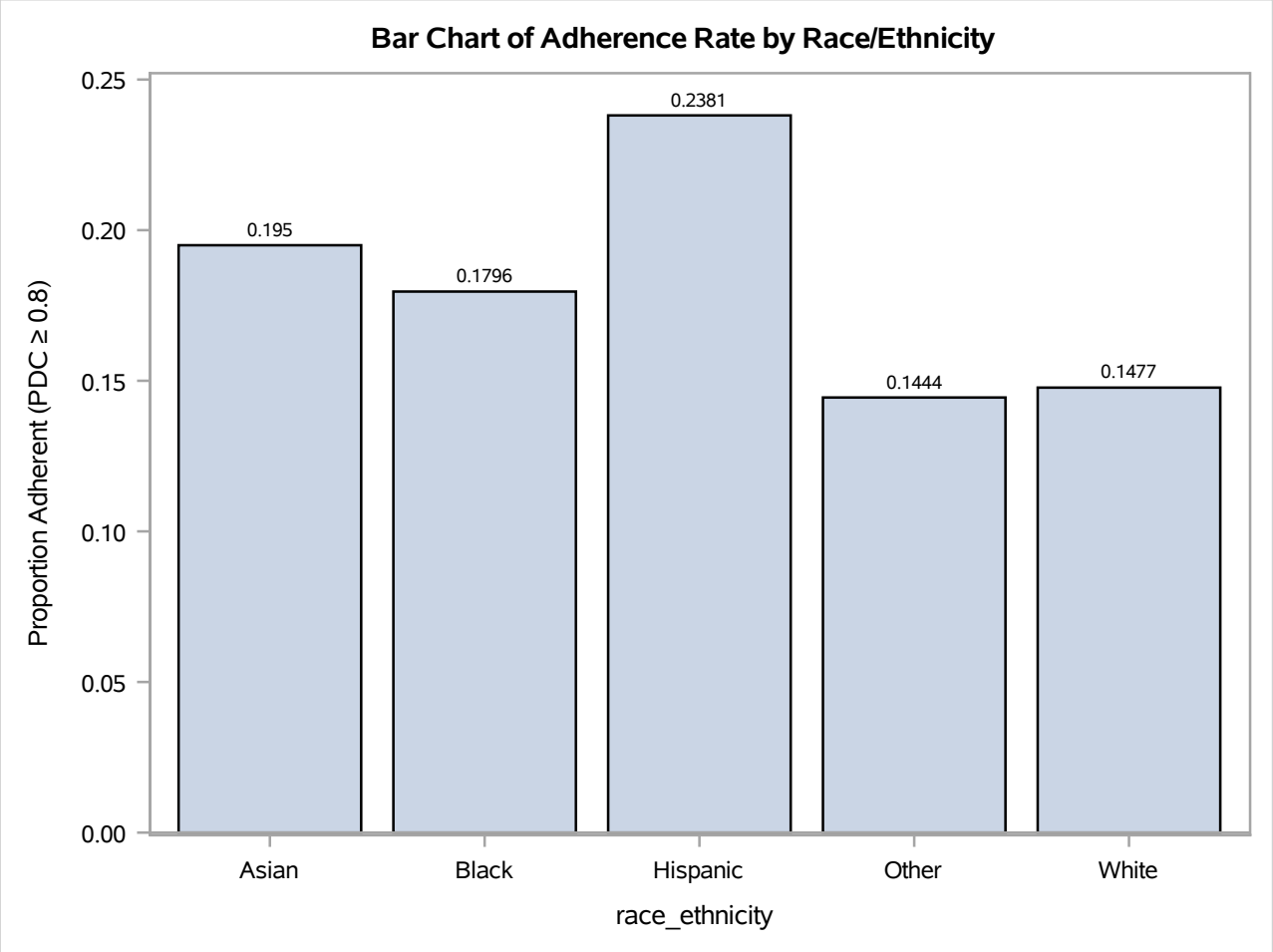
Frequency Percent Col Pct	Table of Adherence by agegroup				
	agegroup				
Adherence	0-30	30-44	45-59	60+	Total
0	129 13.56 80.63	168 17.67 81.95	170 17.88 83.33	311 32.70 81.41	778 81.81
1	31 3.26 19.38	37 3.89 18.05	34 3.58 16.67	71 7.47 18.59	173 18.19
Total	160 16.82	205 21.56	204 21.45	382 40.17	951 100.00

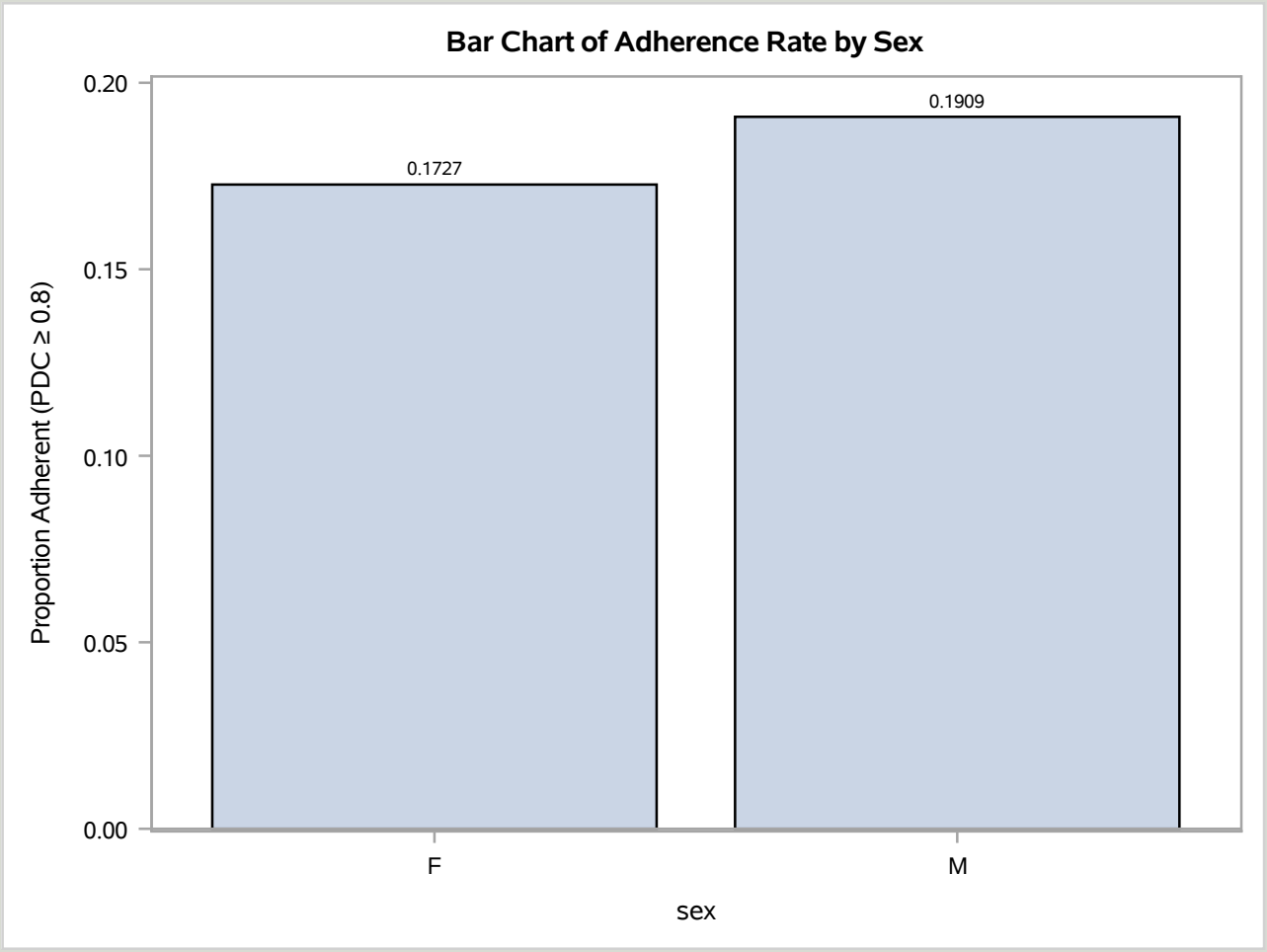
Frequency Percent Col Pct	Table of Adherence by sex		
	sex		
Adherence	F	M	Total
0	388 40.80 82.73	390 41.01 80.91	778 81.81
1	81 8.52 17.27	92 9.67 19.09	173 18.19
Total	469 49.32	482 50.68	951 100.00

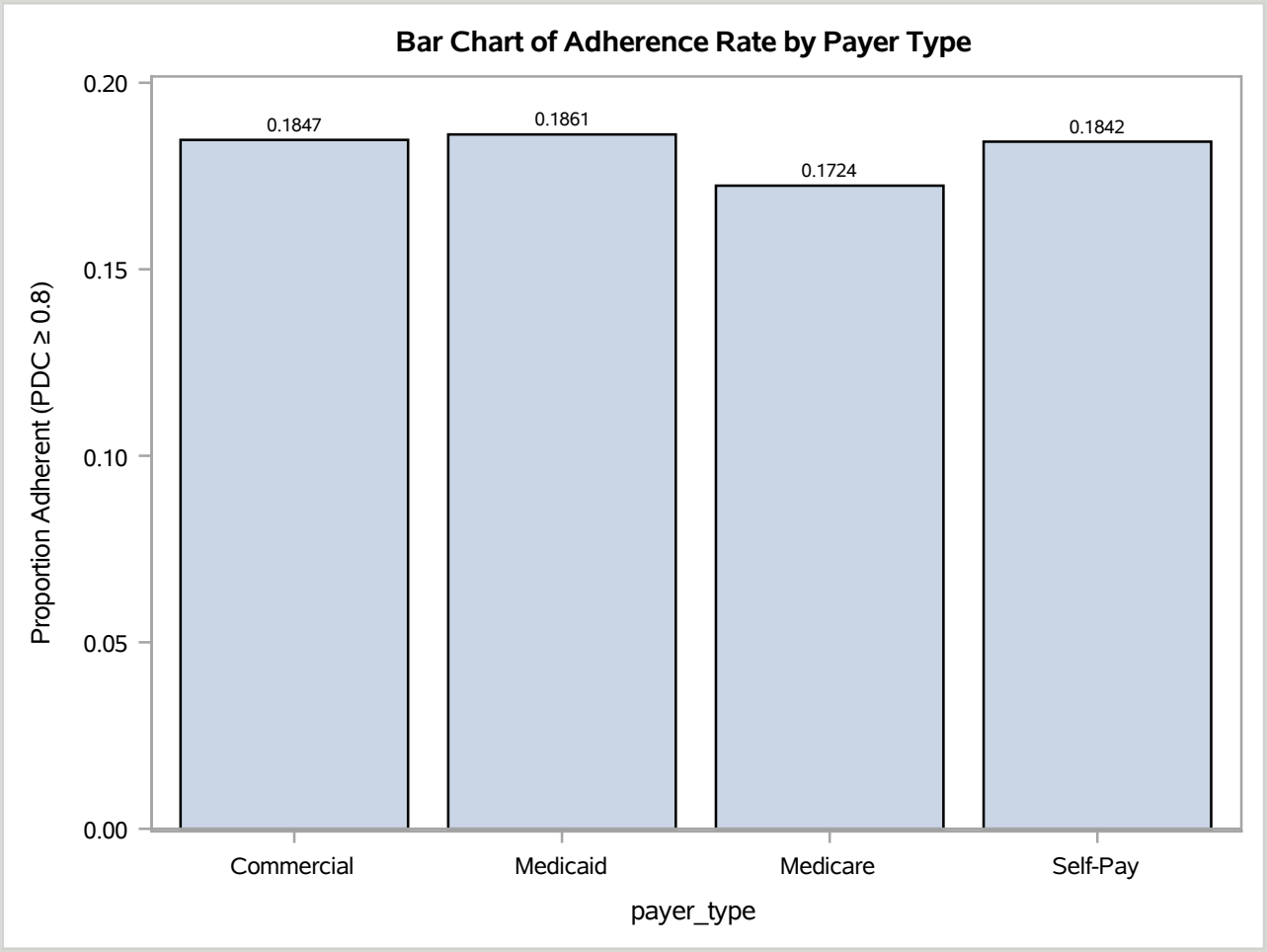
Frequency Percent Col Pct	Table of Adherence by race_ethnicity					
	race_ethnicity					
Adherence	Asian	Black	Hispanic	Other	White	Total
0	161 16.93 80.50	169 17.77 82.04	144 15.14 76.19	154 16.19 85.56	150 15.77 85.23	778 81.81
1	39 4.10 19.50	37 3.89 17.96	45 4.73 23.81	26 2.73 14.44	26 2.73 14.77	173 18.19
Total	200 21.03	206 21.66	189 19.87	180 18.93	176 18.51	951 100.00

Frequency Percent Col Pct	Table of Adherence by payer_type				
	payer_type				
Adherence	Commercial	Medicaid	Medicare	Self-Pay	Total
0	181 19.03 81.53	188 19.77 81.39	192 20.19 82.76	217 22.82 81.58	778 81.81
1	41 4.31 18.47	43 4.52 18.61	40 4.21 17.24	49 5.15 18.42	173 18.19
Total	222 23.34	231 24.29	232 24.40	266 27.97	951 100.00


Bar Chart of Adherence Rate by Age Group
Proportion Adherent (PDC ≥ 0.8)
0.20
0.15
0.10
0.05
0.00
0.1938
0.1805
0.1667
0.1859
0-30
30-44
45-59
60+
agegroup


Bar Chart of Adherence Rate by Race/Ethnicity
Proportion Adherent (PDC ≥ 0.8)
0.25
0.20
0.15
0.10
0.05
0.00
0.195
0.1796
0.2381
0.1444
0.1477
Asian
Black
Hispanic
Other
White
race_ethnicity


Bar Chart of Adherence Rate by Sex
Proportion Adherent (PDC ≥ 0.8)
0.20
0.15
0.10
0.05
0.00
0.1727
0.1909
F
M
sex


Bar Chart of Adherence Rate by Payer Type
Proportion Adherent (PDC ≥ 0.8)
0.20
0.15
0.10
0.05
0.00
0.1847
0.1861
0.1724
0.1842
Commercial
Medicaid
Medicare
Self-Pay
payer_type

Logistic Regression for Predictors of Adherence (PDC ≥ 0.8)

The LOGISTIC Procedure

Model Information	
Data Set	WORK.CLAIMDS1
Response Variable	Adherence
Number of Response Levels	2
Model	binary logit
Optimization Technique	Fisher's scoring

Number of Observations Read	951
Number of Observations Used	951

Response Profile		
Ordered Value	**Adherence**	**Total Frequency**
1	1	173
2	0	778

Probability modeled is Adherence=1.

Class Level Information				
Class	**Value**	**Design Variables**		
sex	**F**	0		
	M	1		
agegroup	**0-30**	0	0	0
	30-44	1	0	0
	45-59	0	1	0
	60+	0	0	1
payer_type	**Commercial**	0	0	0
	Medicaid	1	0	0
	Medicare	0	1	0
	Self-Pay	0	0	1

Model Convergence Status
Convergence criterion (GCONV=1E-8) satisfied.

Model Fit Statistics		
Criterion	**Intercept Only**	**Intercept and Covariates**
AIC	904.086	916.836
SC	908.944	955.696
-2 Log L	902.086	900.836

Testing Global Null Hypothesis: BETA=0			
Test	**Chi-Square**	**DF**	**Pr > ChiSq**
Likelihood Ratio	1.2502	7	0.9897
Score	1.2433	7	0.9899
Wald	1.2413	7	0.9899

Logistic Regression for Predictors of Adherence (PDC ≥ 0.8)

The LOGISTIC Procedure

Type 3 Analysis of Effects			
Effect	DF	Wald Chi-Square	Pr > ChiSq
sex	1	0.5347	0.4647
agegroup	3	0.5308	0.9121
payer_type	3	0.1908	0.9791

Analysis of Maximum Likelihood Estimates						
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept		1	-1.4679	0.2691	29.7496	<.0001
sex	M	1	0.1232	0.1685	0.5347	0.4647
agegroup	30-44	1	-0.0888	0.2703	0.1079	0.7425
agegroup	45-59	1	-0.1863	0.2748	0.4597	0.4978
agegroup	60+	1	-0.0503	0.2397	0.0441	0.8337
payer_type	Medicaid	1	0.00549	0.2421	0.0005	0.9819
payer_type	Medicare	1	-0.0867	0.2455	0.1247	0.7240
payer_type	Self-Pay	1	-0.00594	0.2347	0.0006	0.9798

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
sex M vs F	1.131	0.813	1.574
agegroup 30-44 vs 0-30	0.915	0.539	1.554
agegroup 45-59 vs 0-30	0.830	0.484	1.422
agegroup 60+ vs 0-30	0.951	0.594	1.521
payer_type Medicaid vs Commercial	1.006	0.626	1.616
payer_type Medicare vs Commercial	0.917	0.567	1.484
payer_type Self-Pay vs Commercial	0.994	0.628	1.575

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	51.0	Somers' D	0.055
Percent Discordant	45.5	Gamma	0.057
Percent Tied	3.5	Tau-a	0.016
Pairs	134594	c	0.527