ORIGINAL DF n_neighbors=5 n_neighbors=35

	PtId	PtId%		PtId	Ptid%		Ptid		Ptid%
Ntm_Speciality			Ntm_Speciality			Ntm_Speciality			
GENERAL PRACTITIONER	1535	44.830607	GENERAL PRACTITIONER	1585	46.290888	GENERAL PRACTITIONER	1538	44.	.918224
RHEUMATOLOGY	604	17.640187	RHEUMATOLOGY	752	21.962617	RHEUMATOLOGY	786	22.	.955607
ENDOCRINOLOGY	458	13.376168	ENDOCRINOLOGY	520	15.186916	ENDOCRINOLOGY	574	16.	.764019
Unknown	310	9.053738	ONCOLOGY	254	7.418224	ONCOLOGY	234	6.	.834112
ONCOLOGY	225	6.571262	OBSTETRICS AND GYNECOLOGY	101	2.949766	OBSTETRICS AND GYNECOLOGY	90	2.	.628505
OBSTETRICS AND GYNECOLOGY	90	2.628505	UROLOGY	36	1.051402	UROLOGY	33	0.	.963785
UROLOGY	33	0.963785	ORTHOPEDIC SURGERY	34	0.992991	ORTHOPEDIC SURGERY	30	0.	.876168
ORTHOPEDIC SURGERY	30	0.876168	CARDIOLOGY	24	0.700935	CARDIOLOGY	22	0.	.642523
CARDIOLOGY	22	0.642523	PATHOLOGY	17	0.496495	PATHOLOGY	16	0.	.467290
PATHOLOGY	16	0.467290	HEMATOLOGY & ONCOLOGY	14	0.408879	HEMATOLOGY & ONCOLOGY	14	0.	.408879
HEMATOLOGY & ONCOLOGY	14	0.408879	OTOLARYNGOLOGY	14	0.408879	OTOLARYNGOLOGY	14	0.	.408879
OTOLARYNGOLOGY	14	0.408879	PEDIATRICS	13	0.379673	PEDIATRICS	13	0.	.379673
PEDIATRICS	13	0.379673	PHYSICAL MEDICINE AND REHABILITATION	11	0.321262	PHYSICAL MEDICINE AND REHABILITATION	11	0.	.321262
PHYSICAL MEDICINE AND REHABILITATION	11	0.321262	SURGERY AND SURGICAL SPECIALTIES	8	0.233645	SURGERY AND SURGICAL SPECIALTIES	8	0.	.233645
SURGERY AND SURGICAL SPECIALTIES		0.233645	PULMONARY MEDICINE	8	0.233645	PULMONARY MEDICINE	8	0.	.233645
PULMONARY MEDICINE		0.233845	PSYCHIATRY AND NEUROLOGY	4	0.116822	PSYCHIATRY AND NEUROLOGY	4	0.	.116822
PSYCHIATRY AND NEUROLOGY		0.116822	NEPHROLOGY	3	0.087617	NEPHROLOGY	3	0.	.087617
ORTHOPEDICS		0.087617	ORTHOPEDICS	3	0.087617	ORTHOPEDIC\$	3	0.	.087617
NEPHROLOGY		0.087617	PLASTIC SURGERY	2	0.058411	PLASTIC SURGERY	2	0.	.058411
GASTROENTEROLOGY		0.058411	TRANSPLANT SURGERY	2	0.058411	TRANSPLANT SURGERY	2	0.	.058411
TRANSPLANT SURGERY		0.058411	VA SCULAR SURGERY	2	0.058411	VA SCULAR SURGERY			.058411
GERIATRIC MEDICINE		0.058411	HO SPICE AND PALLIATIVE MEDICINE	2	0.058411	HO SPICE AND PALLIATIVE MEDICINE			.058411
PLASTIC SURGERY		0.058411	GERIATRIC MEDICINE	2	0.058411	GERIATRIC MEDICINE			.058411
VA SCULAR SURGERY		0.058411	GASTROENTEROLOGY	2	0.058411	GASTROENTEROLOGY			.058411
HO SPICE AND PALLIATIVE MEDICINE		0.058411	PAIN MEDICINE	1	0.029206	PAIN MEDICINE			.029206
PAIN MEDICINE		0.029206	CLINICAL NURSE SPECIALIST	1	0.029206	CLINICAL NURSE SPECIALIST			.029206
CLINICAL NURSE SPECIALIST		0.029206	OCCUPATIONAL MEDICINE	1	0.029206	OCCUPATIONAL MEDICINE			.029206
PODIATRY		0.029206	OBSTETRICS & OBSTETRICS & GYNECOLOGY & OBSTETRICS & GYNECOLOGY	1	0.029206				.029206
OPHTHALMOLOGY OCCUPATIONAL MEDICINE		0.029206	NUCLEAR MEDICINE		0.029206	NUCLEAR MEDICINE			.029206
RADIOLOGY		0.029206	PODIATRY	1	0.029206	PODIATRY			.029206
OBSTETRICS & OBSTETRICS & GYNECOLOGY & OBSTETRICS & GYNECOLOGY		0.029206	NEUROLOGY	1	0.029206	NEUROLOGY			.029206
NUCLEAR MEDICINE		0.029206	HOSPITAL MEDICINE		0.029206	HOSPITAL MEDICINE			.029206
NEUROLOGY		0.029206	RADIOLOGY		0.029206	RADIOLOGY			.029206
EMERGENCY MEDICINE		0.029206	EMERGENCY MEDICINE		0.029206	EMERGENCY MEDICINE			.029206
HOSPITAL MEDICINE		0.029206	OPHTHALMOLOGY		0.029206	OPHTHALMOLOGY			.029206
HOSPITAL MEDICINE		0.025200	O. III. INCINCEOUT			OFITINALMOLOGY		0.1	020200