**Table Heading** Description PatID Unique code for individuals with visits included in the study EpisodeNumber 1 = First visit for an individual 2 = Second visit for an individual LUTName Antibiotic prescription associated with visit, according to pharmacy records 1= Azithromvcin 2= Gatifloxacin 3 = Moxifloxacin4= Penicillin V 5 = OtherBlank= None prescribed 1= "LUTName" is 1, 2, 3, 4, or 5 PrescriptionMade 2= "LUTName" is 0 PurulentNasalDrainage Purulent nasal drainage (thick or discolored drainage) PainTenderness Maxillofacial sinus and/or tooth pain/tenderness (including reported frontal headache) Sinusitis-related symptom duration of greater than or SinusSxs7days equal to 7 days 1 =Unilateral Unilateral sinus-related symptoms (pain, tenderness or Symptom swelling) present Worsening of sinus-related symptoms after initial Worseningafterimprovement improvement 0 =Feverchillsnightsweats New fever (subjective or objective  $\geq 37.8C/100F$ ), Symptom chills or night sweats within the last 7 days not Sorethroat Sore throat present New cough of duration < 21 days Cough21 Cough7 New or changed cough within last 7 days New or changed sputum production within last 7 days Sputum New or changed dyspnea within last 7 days Dyspnea Pleuriticchestpain New or changed pleuritic chest pain within last 7 days 1= Visit documentation indicates that an antibiotic was prescribed AntibioticPrescribed 0= Visit documentation does not indicate that an antibiotic was prescribed 1= Antibiotic explicitly prescribed for a non-ARI diagnosis AbxforOtherDx 0= Antibiotic not explicitly prescribed for a non-ARI diagnosis 1= Visit meets criteria for pneumonia AcutePneumonia 2= Visit does not meet criteria for pneumonia AcuteSinusitis 1= Visit meets criteria for acute sinusitis 2= Visit does not meet criteria for acute sinusitis AcuteBronchitis 1= Visit meets criteria for acute bronchitis 2= Visit does not meet criteria for acute bronchitis ARIofInterest 1= Symptoms lead to a diagnosis of interest (pneumonia, sinusitis, bronchitis) 0= Symptoms do not lead to a diagnosis of interest Appropriateness 1= Antibiotic prescription or non-prescription was appropriate based on the ARI treatment guidelines

0= Antibiotic prescription or non-prescription was not appropriate

Table 3. Legend for supplementary data file.

	based on the ARI treatment guidelines
PrePost	1= Visit occurred before the date of change from gatifloxacin to
	moxifloxacin
	0= Visit occurred after the date of change from gatifloxacin to
	moxifloxacin
Race	Patient race, self-reported. Options are:
	White
	Black or African American
	Asian
	Native Hawaiian or other Pacific Islander
	American Indian or Alaskan Native
	Unknown by patient
	Declined to answer