Calculate_disease_scores()

Calculating Disease Activity Scores for SPARC

Data elements from +/- 7 days can be collapsed together to calculate scores.

Score Element	Derived Variable (Y/N)	DDM Tabl e	DDM Data Source	Other DDM Filters	DDM Variable	Notes	
ABDOMINA	N	Obse	SF_SPA	FOR SF,	DESCRIPTIVE_SYMP_TEST_RESULTS	Use to calculate A for sC	DAI equation.
L.PAIN.SCO RE		rvati ons	RC; ECRF_S	OBS_TEST_CONCEPT_NAME equals Abdominal Pain-Pain		DESCRIPTIVE_SYMP_T EST_RESULTS	A
INL I		0113	PARC	Scale; For ECRF,		None	0
			FAILC	OBS_TEST_CONCEPT_NAME		Mild	
				equals Abdominal Pain			2
				equais Abdominar i am		Moderate	
						Severe	3
DAILY.BM	N	Obse rvati ons	SF_SPA RC; ECRF_S PARC	FOR SF, OBS_TEST_CONCEPT_NAME equals Current Average Number of Daily Bowel Movements or Current Maximum Number of Daily Bowel Movements. For ECRF, OBS_TEST_CONCEPT_NAME equals Current Average Number of Daily Bowel Movements or Current Average Number of Daily Liquid Bowel Movements. For ECRF, if OBS_TEST_RESULT_DATE before August 1, 2018 use Current Average Number of Daily Bowel Movements.	TEST_RESULT_NUMERIC; DESCRIPTIVE_SYMP_TEST_RESULTS	This is <i>B</i> for the sCDAI eq anyone with an ostomy. the sCDAI equation.	-
DAILY.BM.V ERSION	Y					Refers to the question us daily.bm variable in the s	

Score Element	Derived Variable (Y/N)	DDM Tabl e	DDM Data Source	Other DDM Filters	DDM Variable	Notes	
						3	Current Average Number of Daily Liquid Bowel Movements Current Maximum
							Number of Daily Bowel Movements
GENERAL.W ELL.BEING.S CORE	N	Obse rvati ons	SF_SPA RC; ECRF_S	FOR SF, OBS_TEST_CONCEPT_NAME equals Constitutional -	DESCRIPTIVE_SYMP_TEST_RESULTS	Use to calculate G for sCI DESCRIPTIVE_SYMP_T EST_RESULTS	OAI equation.
			PARC	General Well-Being; For ECRF, OBS_TEST_CONCEPT_NAME equals General Well-Being		Generally well Slightly under par Poor	1 2
						Very poor Terrible	3 4
SCDAI.DATE	N	Obse rvati ons	SF_SPA RC; ECRF_S PARC		OBS_TEST_RESULT_DATE		
SCDAI.SCOR E ¹	Y	[Calc ulate d]	SF_SPA RC; ECRF_S PARC				calculate. If one variable
GLOBAL.ASS ESSMENT.S CORE	N	Obse rvati ons	SF_SPA RC	OBS_TEST_CONCEPT_NAME equals Physician's Global Assessment of Current Disease Status	DESCRIPTIVE_SYMP_TEST_RESULTS	This is T for the UCDAI.9. DESCRIPTIVE_SYMP_T EST_RESULTS Quiescent Mild Moderate Severe	O 1 2 3
RECTAL.BLE EDING.SCO RE	Υ	Obse rvati ons	SF_SPA RC;	FOR SF, OBS_TEST_CONCEPT_ NAME Blood in Stool - Recent	DESCRIPTIVE_SYMP_TEST_RESULTS	If from both sources at be semicolon. This is <i>R</i> for the SCORE.	' '

_

¹ Henao MP, Bewtra M, Osterman MT, Aberra FN, Scott FI, Lichtenstein GR, Kraschnewski J, Lewis JD. Measurement of Inflammatory Bowel Disease Symptoms: Reliability of an Abbreviated Approach to Data Collection. Inflamm Bowel Dis. 2015 Oct;21(10):2262-71. doi: 10.1097/MIB.00000000000000496. PMID: 26193348; PMCID: PMC4567473.

Score	Derived	DDM	DDM	Other DDM Filters	DDM Variable	Notes	
Element	Variable	Tabl	Data				
	(Y/N)	е	Source				
			ECRF_S	Change in Rectal Bleeding Am		DESCRIPTIVE_SYMP_T R	
			PARC;	ount		EST_RESULTS	
				. For ECRF,		None; No blood seen 0	
				OBS_TEST_CONCEPT_NAME		Visible blood in stool 1	
				equals Blood in Stool and/or		less than half the	
				Blood Passed Alone		time; Blood less than	
						50% of the time	
						Visible blood in stool 2	
						half the time or more;	
						Blood 50% or more of	
						the time	
						Passing blood alone; 3 ECRF: Blood Passed	
						Alone = Yes	
						Alone – Tes	
STOOL.FRE Q.SCORE	N	rvati I	vati RC;	OBS_TEST_CONCEPT_NAME equals Recent Change in Daily	DESCRIPTIVE_SYMP_TEST_RESULTS	If from both sources at baseline separate by semicolon. This is <i>S</i> for the UCDAI.6 & UCDAI.9	
			ECRF_S			SCORE.	
			PARC;	Stool Frequency. For ECRF, OBS TEST CONCEPT NAME		DESCRIPTIVE_SYMP_T S EST RESULTS	
				equals Recent Change in Daily		Normal 0	
				Stool Frequency		1-2 stools/day more 1	
						than normal	
						3-4 stools/day more 2	
						than normal	
						>4 stools/day more 3	
						than normal; 5 or	
						more stools per day	
						more than normal	
HCDVI C CC	V	[Colo				Illegrative Colitic Only	
UCDAI.6.SC ORE	Υ	[Calc ulate				Ulcerative Colitis Only. Only use SF or ECRF to calculate; Do not cor	mhina
ORE		d]				from multiple sources to calculate. If one va	
		uj				is missing from equation, leave blank for the	
						source.	
						UCDAI.6.SCORE = S + R	
UCDAI.9.SC	Υ	[Calc				Ulcerative Colitis Only.	
ORE		ulate				Only use SF or ECRF to calculate; Do not cor	
		d]				from multiple sources to calculate. If one va	ariable

Score	Derived	DDM	DDM	Other DDM Filters	DDM Variable	Notes
Element	Variable	Tabl	Data			
	(Y/N)	е	Source			
						is missing from equation, leave blank for that
						source.
						UCDAI.9.SCORE = S + R + T
UCDAI.DAT	N	Obse	SF_SPA		OBS_TEST_RESULT_DATE	
E		rvati	RC;			
		ons	ECRF_S			
			PARC			