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| --- | --- |
| Variable Name | Variable Attributes (type, levels) |
| id | participant ID |
| random | Randomization assignment |
| pt\_CancerType | Cancer type |
| num\_appts\_btwn\_infrm\_enrol | Number of oncology visits between date informed of advanced disease and date of enrollment (date signed consent form) |
| days\_infrmd\_to\_enrold | Number of days between being informed of advanced disease and enrollment on the study |
| Female\_sex | 1=female, 0=male |
| age | Age at enrollment (patient) |
| Age65 | Age 65+ = 1, Age<65 = 0 |
| lung\_or\_gi\_clinic | Patient consented from Thoracic or GI clinic? |
| ps\_date\_enrolled | Performance status at date of enrollment |
| brain\_mets\_at\_date\_adv\_dx | Brain mets at date of advanced diagnosis? |
| initial\_treatment\_category | Initial treatment for advanced disease - category |
| pt\_treatment\_type | 1=Radiation - includes 1 TACE pt, 2=Chemotherapy, 3=Chemoradiotherapy, 4=No chemotherapy or radiation |
| days\_enrolld\_wk24\_completd | Number of days between date signed consent form/enrollment and date completed week 24 survey |
| pwb1 | <font size=4>PWB (Physical Well-Being) score calculated - baseline   <font size=3>(from baseline FACT) |
| swb1 | <font size=4>SWB (Social/Family Well-Being) score calculated - baseline   <font size=3>(from baseline FACT) |
| ewb1 | <font size=4>EWB (Emotional Well-Being) score calculated - baseline   <font size=3>(from baseline FACT) |
| fwb1 | <font size=4>FWB (Functional Well-Being) score calculated - baseline   <font size=3>(from baseline FACT) |
| factg1 | <font size=4>FACT-G score calculated - baseline (PWB+SWB+EWB+FWB)  <font size=3>(from baseline FACT) |
| lcs1 | <font size=4>LCS (Lung Cancer Subscale) score calculated - baseline   <font size=3>(from baseline FACT; for patients who took lung survey) |
| ecs1 | <font size=4>ECS (Esophagus Cancer Subscale) score calculated - baseline   <font size=3>(from baseline FACT; for patients who took esophageal survey) |
| hcs1 | <font size=4>HCS (Hepatobiliary Cancer Subscale) score calculated - baseline   <font size=3>(from baseline FACT; for patients who took hepatobiliary survey) |
| ptanxiety1 | <font size=4>HADS Anxiety score - baseline - patient |
| ptdepression1 | <font size=4>HADS Depression score- baseline - patient |
| phq1 | <font size=4>PHQ9 Total score - baseline |
| ods1 | <font size=4>Did patient meet criteria for ODS at baseline? <font size=3>(from baseline PHQ9) |
| mds1 | <font size=4>Did patient meet criteria for MDS at baseline? <font size=3>(from baseline PHQ9) |
| si1 | <font size=4>Did patient report SI (suicidal ideation) at baseline? <font size=3>(from baseline PHQ9) |
| pwb2 | <font size=4>PWB (Physical Well-Being) score calculated - Week 12   <font size=3>(from Week 12 FACT) |
| swb2 | <font size=4>SWB (Social/Family Well-Being) score calculated - Week 12   <font size=3>(from Week 12 FACT) |
| ewb2 | <font size=4>EWB (Emotional Well-Being) score calculated - Week 12   <font size=3>(from Week 12 FACT) |
| fwb2 | <font size=4>FWB (Functional Well-Being) score calculated - Week 12   <font size=3>(from Week 12 FACT) |
| factg2 | <font size=4>FACT-G score calculated - Week 12 (PWB+SWB+EWB+FWB)  <font size=3>(from Week 12 FACT) |
| lcs2 | <font size=4>LCS (Lung Cancer Subscale) score calculated - Week 12   <font size=3>(from Week 12 FACT; for patients who took lung survey) |
| ecs2 | <font size=4>ECS (Esophagus Cancer Subscale) score calculated - Week 12   <font size=3>(from Week 12 FACT; for patients who took esophageal survey) |
| hcs2 | <font size=4>HCS (Hepatobiliary Cancer Subscale) score calculated - Week 12   <font size=3>(from Week 12 FACT; for patients who took hepatobiliary survey) |
| ptanxiety2 | <font size=4>HADS Anxiety score - Week 12 - patient |
| ptdepression2 | <font size=4>HADS Depression score - Week 12 - patient |
| phq2 | <font size=4>PHQ9 Total score - Week 12 |
| ods2 | <font size=4>Did patient meet criteria for ODS at Week 12? <font size=3>(from Week 12 PHQ9) |
| mds2 | <font size=4>Did patient meet criteria for MDS at Week 12? <font size=3>(from Week 12 PHQ9) |
| si2 | <font size=4>Did patient report SI (suicidal ideation) at Week 12? <font size=3>(from Week 12 PHQ9) |
| pwb3 | <font size=4>PWB (Physical Well-Being) score calculated - Week 24  <font size=3>(from Week 24 FACT) |
| swb3 | <font size=4>SWB (Social/Family Well-Being) score calculated - Week 24   <font size=3>(from Week 24 FACT) |
| ewb3 | <font size=4>EWB (Emotional Well-Being) score calculated - Week 24   <font size=3>(from Week 24 FACT) |
| fwb3 | <font size=4>FWB (Functional Well-Being) score calculated - Week 24   <font size=3>(from Week 24 FACT) |
| factg3 | <font size=4>FACT-G score calculated - Week 24 (PWB+SWB+EWB+FWB)  <font size=3>(from Week 24 FACT) |
| lcs3 | <font size=4>LCS (Lung Cancer Subscale) score calculated - Week 24   <font size=3>(from Week 24 FACT; for patients who took lung survey) |
| ecs3 | <font size=4>ECS (Esophagus Cancer Subscale) score calculated - Week 24   <font size=3>(from Week 24 FACT; for patients who took esophageal survey) |
| hcs3 | <font size=4>HCS (Hepatobiliary Cancer Subscale) score calculated - Week 24   <font size=3>(from Week 24 FACT; for patients who took hepatobiliary survey) |
| ptanxiety3 | <font size=4>HADS Anxiety score - Week 24 - patient |
| ptdepression3 | <font size=4>HADS Depression score - Week 24 - patient |
| phq3 | <font size=4>PHQ9 Total score - Week 24 |
| ods3 | <font size=4>Did patient meet criteria for ODS at Week 24? <font size=3>(from Week 24 PHQ9) |
| mds3 | <font size=4>Did patient meet criteria for MDS at Week 24? <font size=3>(from Week 24 PHQ9) |
| race\_patient | <font size=4>Did patient report SI (suicidal ideation) at Week 24? <font size=3>(from Week 24 PHQ9) |
| ethnicity\_patient | 1, <font size=4>Hispanic or Latino | 2, Not Hispanic or Latino |
| relationship\_status\_patient | 1, <font size=4>Married or living with someone as if married | 2, Non-cohabiting relationship | 3, Single, never married | 4, Divorced/Separated | 5, Loss of long term partner/ Widowed | 6, Other (please specify in box below) |
| pt\_marital\_status | 1=married, 2=single, 3=divorced, 4=widowed |
| education\_level\_patient | <font size=5>Please indicate your highest or current education level. |
| income\_level\_patient | <font size=5>What is your annual combined household income? |
| briefcope\_q2\_base | <font size=4>I've been concentrating my efforts on doing something about the situation I'm in. |
| briefcope\_q3\_base | <font size=4>I've been saying to myself "this isn't real.". |
| briefcope\_q5\_base | <font size=4>I've been getting emotional support from others. |
| briefcope\_q6\_base | <font size=4>I've been giving up trying to deal with it. |
| briefcope\_q7\_base | <font size=4>I've been taking action to try to make the situation better. |
| briefcope\_q8\_base | <font size=4>I've been refusing to believe that it has happened. |
| briefcope\_q12\_base | <font size=4>I've been trying to see it in a different light, to make it seem more positive. |
| briefcope\_q13\_base | <font size=4>I've been criticizing myself. |
| briefcope\_q15\_base | <font size=4>I've been getting comfort and understanding from someone. |
| briefcope\_q16\_base | <font size=4>I've been giving up the attempt to cope. |
| briefcope\_q17\_base | <font size=4>I've been looking for something good in what is happening. |
| briefcope\_q20\_base | <font size=4>I've been accepting the reality of the fact that it has happened. |
| briefcope\_q24\_base | <font size=4>I've been learning to live with it. |
| briefcope\_q26\_base | <font size=4>I've been blaming myself for things that happened. |
| briefcope\_q2\_wk12 | <font size=4>I've been concentrating my efforts on doing something about the situation I'm in. |
| briefcope\_q3\_wk12 | <font size=4>I've been saying to myself "this isn't real.". |
| briefcope\_q5\_wk12 | <font size=4>I've been getting emotional support from others. |
| briefcope\_q6\_wk12 | <font size=4>I've been giving up trying to deal with it. |
| briefcope\_q7\_wk12 | <font size=4>I've been taking action to try to make the situation better. |
| briefcope\_q8\_wk12 | <font size=4>I've been refusing to believe that it has happened. |
| briefcope\_q12\_wk12 | <font size=4>I've been trying to see it in a different light, to make it seem more positive. |
| briefcope\_q13\_wk12 | <font size=4>I've been criticizing myself. |
| briefcope\_q15\_wk12 | <font size=4>I've been getting comfort and understanding from someone. |
| briefcope\_q16\_wk12 | <font size=4>I've been giving up the attempt to cope. |
| briefcope\_q17\_wk12 | <font size=4>I've been looking for something good in what is happening. |
| briefcope\_q20\_wk12 | <font size=4>I've been accepting the reality of the fact that it has happened. |
| briefcope\_q24\_wk12 | <font size=4>I've been learning to live with it. |
| briefcope\_q26\_wk12 | <font size=4>I've been blaming myself for things that happened. |
| briefcope\_q2\_wk24 | <font size=4>I've been concentrating my efforts on doing something about the situation I'm in. |
| briefcope\_q3\_wk24 | <font size=4>I've been saying to myself "this isn't real.". |
| briefcope\_q5\_wk24 | <font size=4>I've been getting emotional support from others. |
| briefcope\_q6\_wk24 | <font size=4>I've been giving up trying to deal with it. |
| briefcope\_q7\_wk24 | <font size=4>I've been taking action to try to make the situation better. |
| briefcope\_q8\_wk24 | <font size=4>I've been refusing to believe that it has happened. |
| briefcope\_q12\_wk24 | <font size=4>I've been trying to see it in a different light, to make it seem more positive. |
| briefcope\_q13\_wk24 | <font size=4>I've been criticizing myself. |
| briefcope\_q15\_wk24 | <font size=4>I've been getting comfort and understanding from someone. |
| briefcope\_q16\_wk24 | <font size=4>I've been giving up the attempt to cope. |
| briefcope\_q17\_wk24 | <font size=4>I've been looking for something good in what is happening. |
| briefcope\_q20\_wk24 | <font size=4>I've been accepting the reality of the fact that it has happened. |
| briefcope\_q24\_wk24 | <font size=4>I've been learning to live with it. |
| briefcope\_q26\_wk24 | <font size=4>I've been blaming myself for things that happened. |
| bin\_cancer\_type | 1=lung, 2=GI |
| CCI | Charlson comorbidity index score |
| Change\_FACTG\_Base12wk | Change in FACTG score from baseline to week 12 |
| Change\_FACTG\_Base24wk | Change in FACTG score from baseline to week 24 |
| Change\_PHQ9\_Base12wk | Change in PHQ9 score from baseline to week 12 |
| Change\_PHQ9\_Base24wk | Change in PHQ9 score from baseline to week 24 |
| Change\_HADSD\_Base12wk | Change in HADS-depression score from baseline to week 12 |
| Change\_HADSD\_Base24wk | Change in HADS-depression score from baseline to week 24 |
| Change\_HADSA\_Base12wk | Change in HADS-anxiety score from baseline to week 12 |
| Change\_HADSA\_Base24wk | Change in HADS-anxiety score from baseline to week 24 |
| CancerType\_Dich | 0=GI, 1=lung |
| HADSD\_Base | dichotomized with scores > 7 denoting clinically significant mood symptoms; 0=none, 1=presence of symptoms |
| HADSA\_Base | dichotomized with scores > 7 denoting clinically significant mood symptoms; 0=none, 1=presence of symptoms |
| HADSD\_12wkDich | dichotomized with scores > 7 denoting clinically significant mood symptoms; 0=none, 1=presence of symptoms |
| HADSA\_12wkDich | dichotomized with scores > 7 denoting clinically significant mood symptoms; 0=none, 1=presence of symptoms |
| HADSD\_24wkDich | dichotomized with scores > 7 denoting clinically significant mood symptoms; 0=none, 1=presence of symptoms |
| HADSA\_24wkDich | dichotomized with scores > 7 denoting clinically significant mood symptoms; 0=none, 1=presence of symptoms |
| GroupXCancerType | Moderator term for randomization group times dichotomized cancer type |
| HADSD\_12wkDich10 | dichotomized with scores > 10 denoting clinically significant mood symptoms; 0=none, 1=presence of symptoms |
| Cope\_Base\_Active | added up the baseline brief cope items corresponding to this specific coping style to give composite score |
| Cope\_Base\_Denial | added up the baseline brief cope items corresponding to this specific coping style to give composite score |
| Cope\_Base\_EmotionalSupp | added up the baseline brief cope items corresponding to this specific coping style to give composite score |
| Cope\_Base\_BehavDisengage | added up the baseline brief cope items corresponding to this specific coping style to give composite score |
| Cope\_Base\_PosReframe | added up the baseline brief cope items corresponding to this specific coping style to give composite score |
| Cope\_Base\_Acceptance | added up the baseline brief cope items corresponding to this specific coping style to give composite score |
| Cope\_Base\_SelfBlame | added up the baseline brief cope items corresponding to this specific coping style to give composite score |
| Cope\_wk12\_Active | added up the week12 brief cope items corresponding to this specific coping style to give composite score |
| Cope\_wk12\_Denial | added up the week12 brief cope items corresponding to this specific coping style to give composite score |
| Cope\_wk12\_EmotionalSupp | added up the week12 brief cope items corresponding to this specific coping style to give composite score |
| Cope\_wk12\_BehavDisengage | added up the week12 brief cope items corresponding to this specific coping style to give composite score |
| Cope\_wk12\_PosReframe | added up the week12 brief cope items corresponding to this specific coping style to give composite score |
| Cope\_wk12\_Acceptance | added up the week12 brief cope items corresponding to this specific coping style to give composite score |
| Cope\_wk12\_SelfBlame | added up the week12 brief cope items corresponding to this specific coping style to give composite score |
| Cope\_wk24\_Active | added up the week24 brief cope items corresponding to this specific coping style to give composite score |
| Cope\_wk24\_Denial | added up the week24 brief cope items corresponding to this specific coping style to give composite score |
| Cope\_wk24\_EmotionalSupp | added up the week24 brief cope items corresponding to this specific coping style to give composite score |
| Cope\_wk24\_BehavDisengage | added up the week24 brief cope items corresponding to this specific coping style to give composite score |
| Cope\_wk24\_PosReframe | added up the week24 brief cope items corresponding to this specific coping style to give composite score |
| Cope\_wk24\_Acceptance | added up the week24 brief cope items corresponding to this specific coping style to give composite score |
| Cope\_wk24\_SelfBlame | added up the week24 brief cope items corresponding to this specific coping style to give composite score |
| Cope\_q5reverse\_base | reverse coded score for this question from brief cope tool |
| Cope\_q15reverse\_base | reverse coded score for this question from brief cope tool |
| Cope\_q5reverse\_wk12 | reverse coded score for this question from brief cope tool |
| Cope\_q15reverse\_wk12 | reverse coded score for this question from brief cope tool |
| Cope\_q5reverse\_wk24 | reverse coded score for this question from brief cope tool |
| Cope\_q15reverse\_wk24 | reverse coded score for this question from brief cope tool |
| Cope\_Base\_AdaptiveCoping | Sum of baseline active coping, positive reframing, and acceptance subscales |
| Cope\_Base\_PoorCoping | Sum of baseline denial and self-blame subscales |
| Cope\_wk12\_AdaptiveCoping | Sum of week12 active coping, positive reframing, and acceptance subscales |
| Cope\_wk12\_PoorCoping | Sum of week12 denial and self-blame subscales |
| Cope\_wk24\_AdaptiveCoping | Sum of week24 active coping, positive reframing, and acceptance subscales |
| Cope\_wk24\_PoorCoping | Sum of week24 denial and self-blame subscales |
| pt\_livedepchild | 0=does not live with dependent child, 1=lives with dependent child |
| pt\_Education\_dich | 0=High School or Less, 1=Beyond High School |
| pt\_income\_dich | 0=$50,000 or Less, 1=Beyond $50k |
| pt\_Married | 0=not married, 1=married |
| pt\_Lives\_with\_self | 0=does not live alone, 1=lives alone |
| RandomXSex | Moderator term for randomization group times patient sex |
| RandomXMarried | Moderator term for randomization group times patient married |
| RandomXEducation | Moderator term for randomization group times dichotomized education |
| RandomXIncome | Moderator term for randomization group times dichotomized income |
| RandomXAge65 | Moderator term for randomization group times dichotomized age at 65 |
| RandomXCaregiver | Moderator term for randomization group times presence of caregiver |
| RandomXLivesAlone | Moderator term for randomization group times patient lives alone |
| CopeBasA | Baseline adaptive coping score |
| CopeBasP | Baseline poor coping score |
| Cope24A | Week 24 adaptive coping score |
| Cope24P | Week 24 poor coping score |