variables list

[Table 1](#tbl-biomarker-list) lists the biomarkers that are potentially usable for analysis by the Ordinal SuStaIn method.

Notes:

* “Any Autoimmune” includes:
  + “Lupus”,
  + “Rheumatoid arthritis”,
  + “Multiple Sclerosis: Workup”,
  + “ANA positive”,
  + “Sjogrens Syndrome”,
  + “Raynauds Syndrome”,
  + “Pulmonary Fibrosis”
* “Any tremor (excluding Head Tremor)” includes:
  + “Intention tremor”,
  + “Resting tremor”,
  + “Postural tremor”,
  + “Intermittent tremor”
* “Any cancer” includes:
  + “Thyroid Cancer”,
  + “Skin Cancer”,
  + “Melanoma”,
  + “Prostate Cancer”,
  + “Other Cancer”
* an asterisk (“\*“) after the biomarker name indicates a numerical variable that has been categorized.

Table 1: Potential biomarkers for Ordinal SuStaIn analysis

| category | biomarker |
| --- | --- |
| tremors | Head tremor |
| tremors | Intention tremor |
| tremors | Resting tremor |
| tremors | Postural tremor |
| tremors | Intermittent tremor |
| tremors | Any tremor (excluding Head Tremor) |
| ataxia | Ataxia |
| ataxia | Ataxia: severity\* |
| stage | FXTAS Stage (0-5)\* |
| parkinsons | Parkinsons |
| parkinsons | Parkinsonian features |
| parkinsons | Parkinsonian features: Masked faces |
| parkinsons | Parkinsonian features: Increased tone |
| parkinsons | Parkinsonian features: Pill rolling tremor |
| parkinsons | Parkinsonian features: Stiff gait |
| cancer | Any Cancer |
| cancer | Thyroid Cancer |
| cancer | Skin Cancer |
| cancer | Melanoma |
| cancer | Prostate Cancer |
| cancer | Other Cancer |
| mri | Cerebral Atrophy |
| mri | Cerebellar Atrophy |
| mri | Cerebral WM Hyperintensity |
| mri | Cerebellar WM Hyperintensity |
| mri | MCP-WM Hyperintensity |
| mri | Pons-WM Hyperintensity |
| mri | Sub-Insular WM Hyperintensity |
| mri | Periventricular WM Hyperintensity |
| mri | Splenium (CC)-WM Hyperintensity |
| mri | Genu (CC)-WM Hyperintensity |
| mri | Corpus Callosum-Thickness |
| scores | MMSE Total Score\* |
| scores | BDS-2 Total Score\* |
| scid | Bipolar I Disorder (MD01), Lifetime |
| scid | Bipolar II Disorder (MD02), Lifetime |
| scid | Other Bipolar Disorder (MD03), Lifetime |
| scid | Major Depressive Disorder (MD04), Lifetime |
| scid | Mood Disorder Due to GMC (MD07), Lifetime |
| scid | Substance-Induced Mood Dis. (MD08), Lifetime |
| scid | Primary Psychotic Symptoms (PS01), Lifetime |
| scl90 | SCL90: Anxiety\* |
| scl90 | SCL90: Depression\* |
| scl90 | SCL90: Global Severity Index\* |
| scl90 | SCL90: Hostility\* |
| scl90 | SCL90: Interpersonal Sensitivity\* |
| scl90 | SCL90: Obsessive-Compulsive\* |
| scl90 | SCL90: Paranoid Ideation\* |
| scl90 | SCL90: Phobia\* |
| scl90 | SCL90: Positive Symptom Distress Index\* |
| scl90 | SCL90: Positive Symptom Total\* |
| scl90 | SCL90: Psychoticism\* |
| scl90 | SCL90: Somatization\* |
| cantab | SWM Between errors\* |
| cantab | SST Median correct RT on GO trials |
| cantab | RVP A signal detection\* |
| cantab | OTS Problems solved on first choice |
| cantab | PAL Total errors (adjusted)\* |
| cantab | RTI Five-choice movement time\* |
| thyroid | Hypothyroid |
| thyroid | Hyperthyroid |
| thyroid | Thyroid problems |
| thyroid | Any Autoimmune |
| thyroid | Lupus |
| thyroid | Rheumatoid arthritis |
| thyroid | Multiple Sclerosis: Workup |
| thyroid | ANA positive |
| thyroid | Sjogrens Syndrome |
| thyroid | Raynauds Syndrome |
| thyroid | Pulmonary Fibrosis |
| kinesia | Kinesia Left Rest Tremor\* |
| kinesia | Kinesia Left Postural Tremor\* |
| kinesia | Kinesia Left Kinetic Tremor\* |
| kinesia | Kinesia Right Rest Tremor\* |
| kinesia | Kinesia Right Postural Tremor\* |
| kinesia | Kinesia Right Kinetic Tremor\* |