|  |  |  |  |
| --- | --- | --- | --- |
| MCI Definitions | | | |
|  | Old EAS aMCI & naMCI | New EAS aMCI & naMCI |  |
|  | Artero & Petersen 2006 |  | Jak , Bondi  et al. 2009 |
| Criteria | (i) **cognitive complaint**  from either the subject and/or a family member; (ii) **absence of**  **dementia**; (iii) **change** from normal **functioning**; (iv) **decline in any area of cognitive functioning** - demonstrated  a decrement of more than 1.5 SD on a memory task or on  a cognitive task compared to ECO standardization data  matched by age and level of education (v) **preserved overall functioning** but possibly with increasing difficulty in the performance  of activities of daily living. |  | 1) impaired score, defined as >1 SD below the age-corrected normative mean, on **both measures within at least one cognitive domain** (i.e., memory, language, or speed/executive  function);or 2) **one** impaired score, defined as >1SD below the age-corrected normative mean, in **each of the three cognitive domains** sampled; or 3) they had a score on the **FAQ≥9** indicating dependence in three or  more daily activities |
| Neuropsychological tests | **Memory**:  Free from FCSRT <=24 or <1.5 SD below on z-score of Benson Delayed:  <1.5 SD on any of the Other domains of:  **Executive Function**  Trails B  FL Words  **Attention**  Trails A  NumSpanF +  NumSpanB  **Language**  Mint total  Cat Total  **Visual-spatial**  Benson immed  Block raw | **Memory**:  <1.5 SD below on z-score Free from FCSRT or z-score of Benson Delayed:  <1.5 SD on any one test in the Other domains of:  **Executive Function**  Trails B  FL Words  **Attention**  Trails A  NumSpanF +  NumSpanB  **Language**  Mint total  Cat Total  **Visual-spatial**  Benson immed  Block raw | <1.0 SD below on z-score on **2 tests** within a domain or <1.0 SD in **each of 3** domains:  **Memory**  Free from FCSRT or z-score of Benson Delayed:  **Executive Function**  Trails B  FL Words  **Attention**  Trails A  NumSpanF +  NumSpanB  **Language**  Mint total  Cat Total  **Visual-spatial**  Benson immed  Block raw |
| Cognitive Complaints | **CCI1 between 3 & 5 or CCI3 between 3 & 5 or**  **CCI4 between 3 & 5 or**  **CCI25 between 3& 5 or**  **GDS10=1** | **CCI1 between 3 & 5 or CCI3 between 3 & 5 or**  **CCI4 between 3 & 5 or**  **CCI25 between 3& 5 or**  **GDS10=1** |  |
| Functional decline (IADL) | **ADL1=1 or ADL9=1 or ADL10=1 or ADL11=1** | **ADL1=1 or ADL9=1 or ADL10=1 or ADL11=1** | **ADL1=1 or ADL9=1 or ADL10=1 or ADL11=1** |
| Resulting categories | **aMCI** (memory)  -single domain  -multiple domain  **naMCI**  -single domain  -multiple domain | **aMCI** (memory)  -single domain  -multiple domain  **naMCI**  -single domain  -multiple domain | **MCI vs Normal** |
| Variables in SAS data file to use |  |  | **MCI** (yes=1; no=0)  **Normal** (yes=1; no=0) |