**Table E1**: Concordance (bolded) and discordance for changes between pairs of asthma domains from V1 to V2

for any change around zero (**adults only**) for the PP population

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Absolute values |  | FEV1 change | | ACQ6 change | | TASX change | |
|  | Improve | Worsen | Improve | Worsen | Improve | Worsen |
| FeNO change | Improve | **29 (64.4%)** | 12 (26.7%) | **35 (77.8%)** | 6 (13.3%) | **29 (65.9%)** | 11 (25.0%) |
| Worsen | 3 (6.7%) | **1 (2.2%)** | 2 (4.4%) | **2 (4.4%)** | 1 (2.3%) | **3 (6.8%)** |
| FEV1 change | Improve |  |  | **25 (55.6%)** | 7 (15.6%) | **22 (50.0%)** | 10 (22.7%) |
| Worsen |  |  | 12 (26.7%) | **1 (2.2%)** | 8 (18.2%) | **4 (9.1%)** |
| ACQ6 change | Improve |  |  |  |  | **26 (59.1%)** | 10 (22.7%) |
| Worsen |  |  |  |  | 4 (9.1%) | **4 (9.1%)** |

**Table E2**: Concordance (bolded) and discordance for changes between pairs of asthma domains from V1 to V2

for changes equal or greater than the MID **(adults only)**. For FeNO, a change of 10 ppb was used (ATS, 2011) whereas for TASX, changes around 0 were used as no MID is available for the PP population

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Absolute values |  | FEV1 change | | ACQ6 change | | TASX change | |
|  | Improve | Worsen | Improve | Worsen | Improve | Worsen |
| FeNO change | Improve | **16 (76.2%)** | 5 (23.8%) | **25 (96.2%)** | 0 (0.0%) | **23 (71.9%)** | 8 (25.0%) |
| Worsen | 0 (0.0%) | **0 (0.0%)** | 1 (3.9%) | **0 (0.0%)** | 0 (0.0%) | **1 (3.1%)** |
| FEV1 change | Improve |  |  | **16 (76.2%)** | 1 (4.8%) | **17 (54.8%)** | 7 (22.6%) |
| Worsen |  |  | 3 (14.3%) | **1 (4.8%)** | 5 (16.1%) | **2 (6.5%)** |
| ACQ6 change | Improve |  |  |  |  | **22 (71.0%)** | 7 (22.6%) |
| Worsen |  |  |  |  | 1 (3.2%) | **1 (3.2%)** |
|  | | | | | | | |

**Table E3**: Concordance (bolded) and discordance for changes between pairs of asthma domains from V1 to V2

for any change around zero **(pediatric subjects only)** for the PP population

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Absolute values |  | FEV1 change | | ACQ6 change | | TASX change | |
|  | Improve | Worsen | Improve | Worsen | Improve | Worsen |
| FeNO change | Improve | **25 (67.6%)** | 7 (18.9%) | **27 (73.0%)** | 5 (13.5%) | **25 (67.6%)** | 7 (18.9%) |
| Worsen | 1 (2.7%) | **4 (10.8%)** | 4 (10.8%) | **1 (2.7%)** | 5 (13.5%) | **0 (0.0%)** |
| FEV1 change | Improve |  |  | **23 (62.2%)** | 3 (8.1%) | **20 (54.1%)** | 6 (16.2%) |
| Worsen |  |  | 8 (21.6%) | **3 (8.1%)** | 10 (27.0%) | **1 (2.7%)** |
| ACQ6 change | Improve |  |  |  |  | **27 (73.0%)** | 4 (10.8%) |
| Worsen |  |  |  |  | 3 (8.1%) | **3 (8.1%)** |

**Table E4**: Concordance (bolded) and discordance for changes between pairs of asthma domains from V1 to V2

for changes equal or greater than the MID **(pediatric subjects only)** for the PP population. For FeNO, a change of 10 ppb was used (ATS, 2011) whereas for TASX, changes around 0 were used as no MID is available.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Absolute values |  | FEV1 change | | ACQ6 change | | TASX change | |
|  | Improve | Worsen | Improve | Worsen | Improve | Worsen |
| FeNO change | Improve | **9 (90.0%)** | 1 (10.0%) | **18 (90.0%)** | 2 (10.0%) | **22 (78.6%)** | 5 (17.9%) |
| Worsen | 0 (0.0%) | **0 (0.0%)** | 0 (0.0%) | **0 (0.0%)** | 1 (3.6%) | **0 (0.0%)** |
| FEV1 change | Improve |  |  | **6 (60.0%)** | 1 (10.0%) | **9 (60.0%)** | 3 (20.0%) |
| Worsen |  |  | 3 (30.0%) | **0 (0.0%)** | 3 (20.0%) | **0 (0.0%)** |
| ACQ6 change | Improve |  |  |  |  | **21 (80.8%)** | 2 (7.7%) |
| Worsen |  |  |  |  | 0 (0.0%) | **3 (11.5%)** |
|  | | | | | | | |