## Additional file 4: EULAR and ACR response criteria

### The EULAR response criteria are defined as follows:

|  |  |  |  |
| --- | --- | --- | --- |
| Improvement in DAS28Present DAS28 | > 1.2 | > 0.6 and ≤ 1.2 | ≤ 0.6 |
| ≤ 3.2 | Good response | Moderate response | No response |
| > 3.2 and ≤ 5.1 | Moderate response | Moderate response | No response |
| > 5.1 | Moderate response | No response | no response |

### ACR response criteria are defined as follows:

* ACR20 is ≥ 20% improvement
* ACR50 is ≥ 50% improvement
* ACR70 is ≥ 70% improvement

Improvement is defined as ≥ 20%, ≥ 50% or ≥ 70% improvement in tender AND swollen joint count AND in ≥ 3 of the following parameters:

1. Patient assessment of pain
2. Patient assessment of global disease activity
3. Physician assessment of global disease activity
4. Patient assessment of physical function, e.g. using the health assessment questionnaire
5. Acute phase reactants (ESR or CRP)