Shire HAE Timeline

Revised on November 10th, 2015

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| Tasks - 1 | HAE patients predictors derivation |
| Taskforce | Zhenxing (BJ) |
| Milestone | Data extracted |
| Start | 11/9/2015 |
| Deadline | 11/9/2015 |
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| Tasks - 2 | HAE patients profiling |
| Taskforce | Nadea, Dong |
| Milestone | potential criteria from HAE profiling |
| Start | 11/10/2015 |
| Deadline | 11/12/2015 |
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| Tasks - 3 | Matching Non-HAE patients |
| Taskforce | Zhenxing (BJ) |
| Milestone | Data extracted |
| Start | 11/10/2015 |
| Deadline | 11/12/2015 |
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| Tasks - 4 | Non-HAE patients profiling |
| Taskforce | Nadea, Dong |
| Milestone | report % of non-HAE pats with the interested criteria from HAE profiling |
| Start | 11/13/2015 |
| Deadline | 11/13/2015 |
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| Tasks - 5 | ML algorithms details |
| Taskforce | Dong |
| Milestone | draft details sent |
| Start | 11/10/2015 |
| Deadline | 11/10/2015 |
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| Tasks - 6 | ML algorithms discussion & decision (ML-0, ML1-A,B,C) |
| Taskforce | Dong, John, Nadea |
| Milestone | final details sent |
| Start | 11/10/2015 |
| Deadline | 11/12/2015 |
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| Tasks - 7 | Stratification approach discussion & decision |
| Taskforce | Dong, John, Nadea |
| Milestone | final details sent |
| Start | 11/16/2015 |
| Deadline | 11/17/2015 |
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| Tasks - 8 | ML-0: feature selection with bagging LASSO/under sampling random forest |
| Taskforce | Dong |
| Milestone | feature selected |
| Start | 11/13/2015 |
| Deadline | 11/13/2015 |
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| Tasks - 9 | ML-1A: bagging biased SVM |
| Taskforce | Jie/Hui (BJ) |
| Milestone | model built |
| Start | 11/16/2015 |
| Deadline | 11/29/2015 |
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| Tasks - 10 | ML-1B: bagging RF |
| Taskforce | Dong |
| Milestone | model built |
| Start | 11/16/2015 |
| Deadline | 11/29/2015 |
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| Tasks - 11 | ML-1C: bagging biased SVM with stratified sample |
| Taskforce | Jie/Hui (BJ) |
| Milestone | model built |
| Start | 11/18/2015 |
| Deadline | 11/29/2015 |
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| Tasks - 12 | Model evaluation, add extra HAE patients, re-run best model |
| Taskforce | Dong, Jie/Hui (BJ) |
| Milestone | best model built |
| Start | 11/27/2015 |
| Deadline | 11/30/2015 |
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| Tasks - 13 | Scoring sample derivation |
| Taskforce | Zhenxing (BJ) |
| Milestone | Data extracted |
| Start | 11/13/2015 |
| Deadline | 11/18/2015 |
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| Tasks - 14 | HCP association derivation (require association rule agreed) |
| Taskforce | Zhenxing (BJ) |
| Milestone | Data extracted |
| Start | 11/19/2015 |
| Deadline | 11/24/2015 |
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| Tasks - 15 | Scoring sample with probability of HAE |
| Taskforce | Jie/Hui (BJ), Dong |
| Milestone | apply models |
| Start | 12/1/2015 |
| Deadline | 12/2/2015 |
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| Tasks - 16 | HCP targeting with HAE pats |
| Taskforce | Dong |
| Milestone | apply association and scores |
| Start | 12/3/2015 |
| Deadline | 12/4/2015 |
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| Tasks - 17 | Review of models, initial output |
| Taskforce | Dong, Nadea |
| Milestone | identify any problems |
| Start | 12/3/2015 |
| Deadline | 12/8/2015 |
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| Tasks - 18 | Re-run model |
| Taskforce | Jie/Hui (BJ), Dong |
| Milestone | re-run model |
| Start | 12/8/2015 |
| Deadline | 12/10/2015 |
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| Tasks - 19 | Review of final output |
| Taskforce | Dong, Nadea |
| Milestone | identify any problems |
| Start | 12/9/2015 |
| Deadline | 12/11/2015 |