Group work and performance measured over time

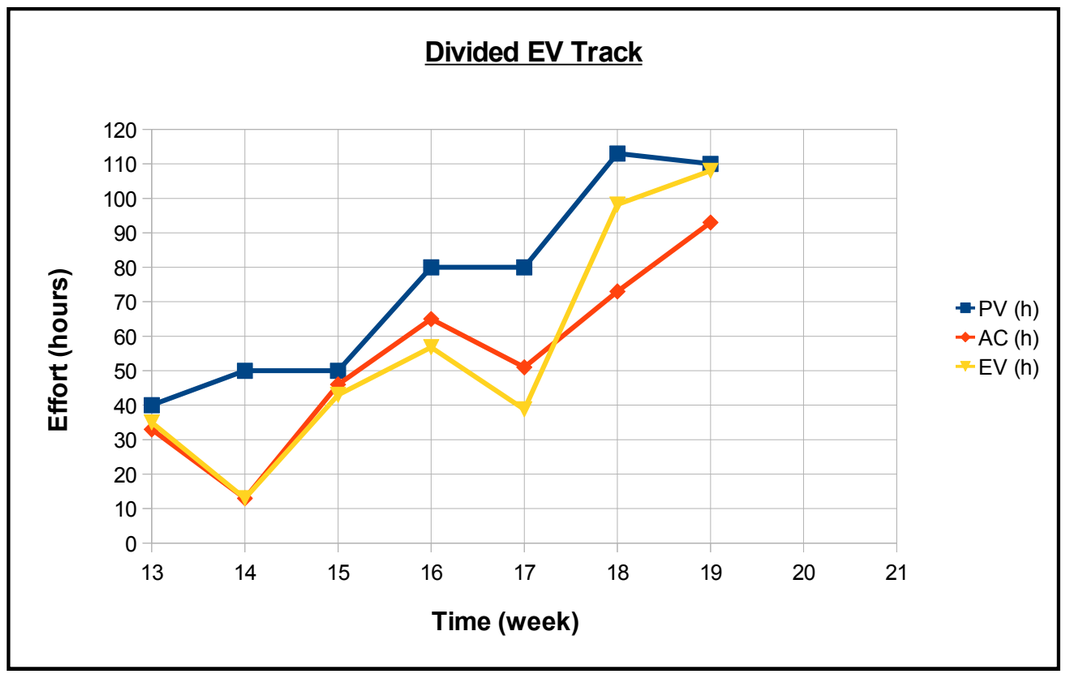
Week by week PV/AC/EV chart

Week	PV (h)	AC (h)	EV (h)	EV (%)
13	40	33	35	106,06%
14	50	13	13	100,00%
15	50	46	43	93,48%
16	80	65	56,8	87,38%
17	80	51	38,8	76,08%
18	113	73	98,2	134,52%
19	110	93	108	116,13%
20				#DIV/0!
21				#DIV/0!
Total:	**523**	**374**	**357,8**	**#DIV/0!**

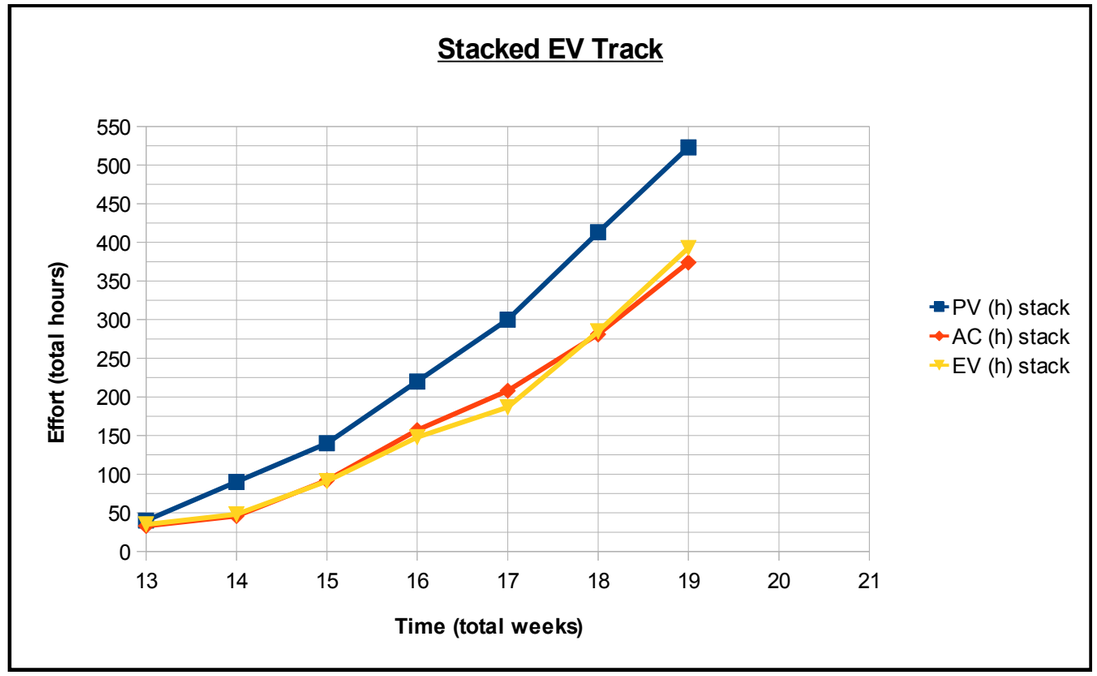
Stacked week PV/AC/EV chart

Week	PV (h) stack	AC (h) stack	EV (h) stack	EV (%)
13	40	33	35	106,06%
14	90	46	48	104,35%
15	140	92	91	98,91%
16	220	157	147,8	94,14%
17	300	208	186,6	89,71%
18	413	281	284,8	101,35%
19	523	374	392,8	105,03%
20				#DIV/0!
21				#DIV/0!

Week by week PV/AC/EV chart

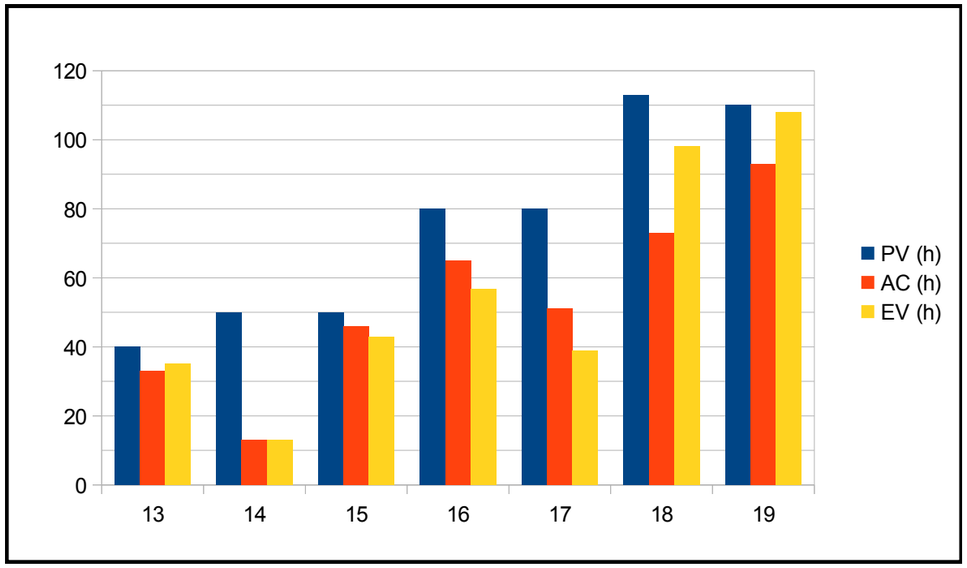


Line: Stacked

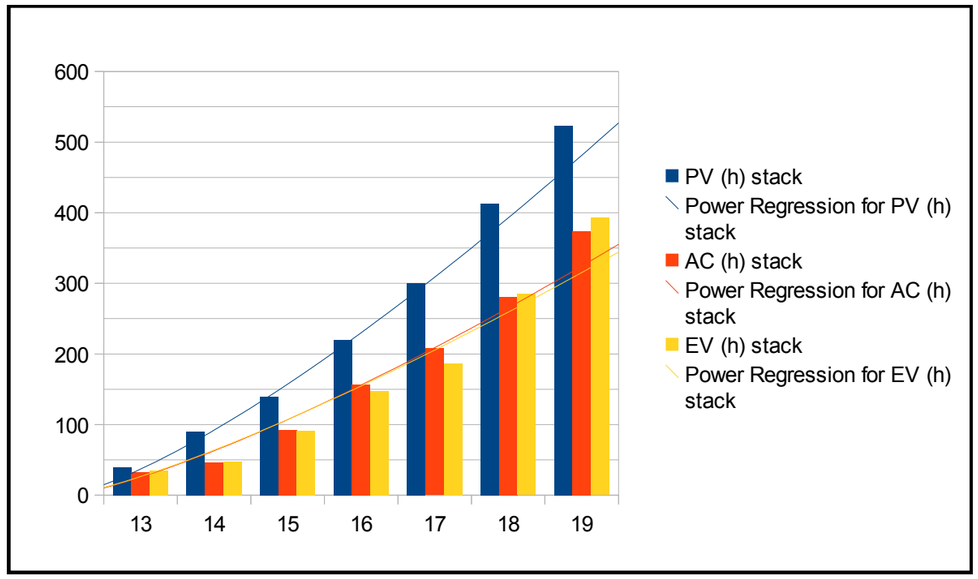


Compiled

Staple: Week by week



Staple: Stacked + trend lines

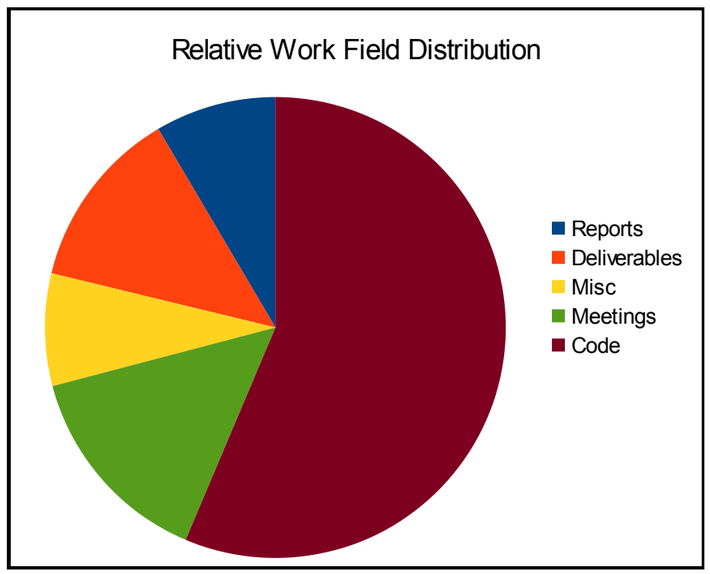


General group statistics

Overall AC spent per area

Time Spent	chpe10	hehe10	jolo09	chjo09	vist09
Reports	14	0	0	0	2
Deliverables	21	1	0	4	3
Misc	13	8	0	0	0
Meetings	24	24	18	22	18
Code	93	37	18	19	6
Total	165	70	36	45	29

Statistics	Hours
Reports	16
Deliverables	29
Misc	21
Meetings	106
Code	173
AC	345
EV	271



Overall AC, non EV areas excluded

Time Spent	chpe10	hehe10	jolo09	chjo09	vist09
Reports	14	0	0	0	2
Deliverables	21	1	0	4	3
Code	93	37	18	19	6
Total	128	38	18	23	11

Statistics	Hours
Reports	16
Deliverables	29
Code	173
AC	218
EV	271

% AC/PV weekly proportions
Note: 100% ideally

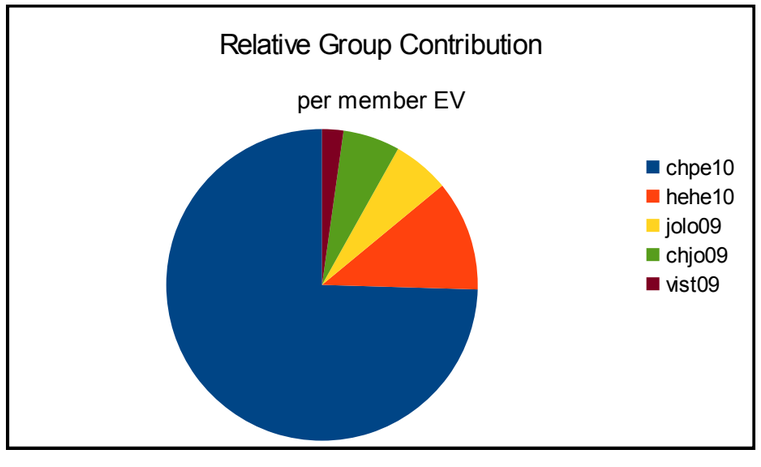
Total EV %

Total AC%

Work/Week	Week13	Week14	Week15	Week16	Week17	Week18	Week19	AC	EV
chpe10	50,00%	25,00%	100,00%	130,00%	100,00%	180,00%	**240,00%**	117,86%	202,00%
hehe10	20,00%	10,00%	45,00%	45,00%	65,00%	**90,00%**	75,00%	50,00%	31,00%
jolo09	20,00%	10,00%	20,00%	**85,00%**	10,00%	30,00%	70,00%	35,00%	16,00%
chjo09	30,00%	10,00%	45,00%	45,00%	**70,00%**	50,00%	45,00%	42,14%	16,00%
vist09	**45,00%**	10,00%	20,00%	20,00%	10,00%	15,00%	35,00%	22,14%	6,00%
							Total	**0,53%**	**0,54%**

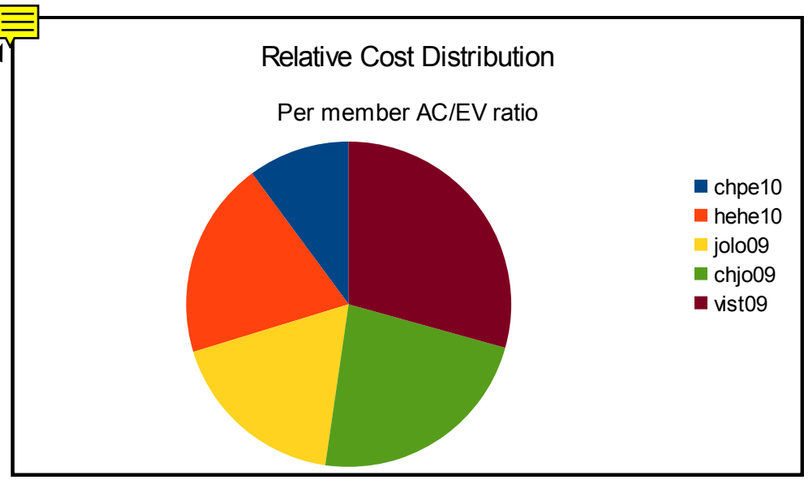
Color Chart	Level of Acceptance	deviation
	Unacceptable	**0-50**
	Alarming	**50-70**
	Underperforming	**70-90**
	Ideal	**90-110**
	Overperforming	**110-130**
XXX	**Alarming**	**130-150**
	Unacceptable	**150>**

Effective work contributed towards the group (%)

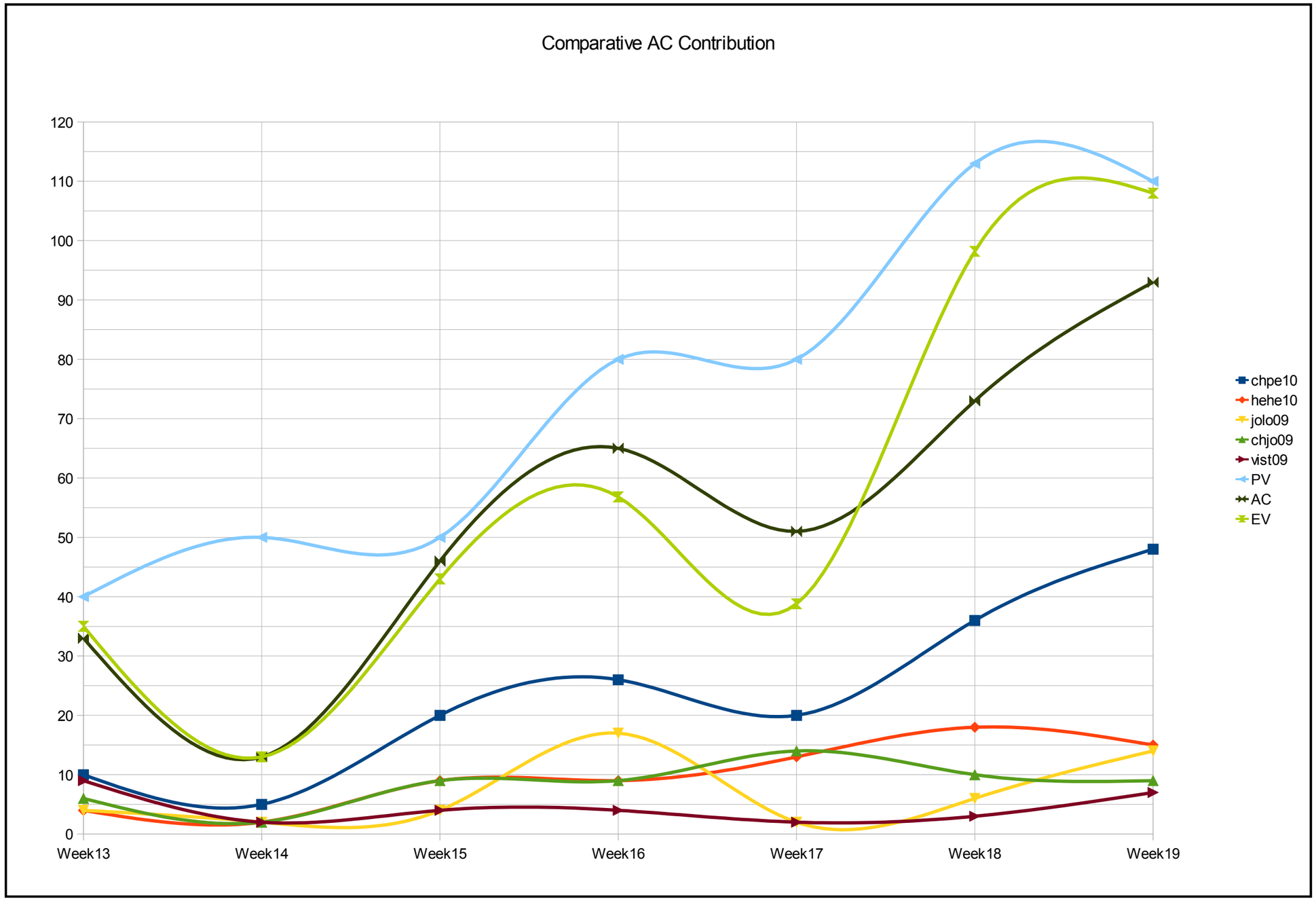


Combined totals

Relative cost of each members efforts



Member AC compared to general PV/AC/EV timeline



Data comparison

Weekly AC/member
Note: Misc/Meeting counted toward EV here

Work/Week	Week13	Week14	Week15	Week16	Week17	Week18	Week19
chpe10	10	5	20	26	20	36	48
hehe10	4	2	9	9	13	18	15
jolo09	4	2	4	17	2	6	14
chjo09	6	2	9	9	14	10	9
vist09	9	2	4	4	2	3	7
PV	40	50	50	80	80	113	110
AC	33	13	46	65	51	73	93
EV	35	13	43	56,8	38,8	98,2	108

AC/PV:
invested time
contra PV required

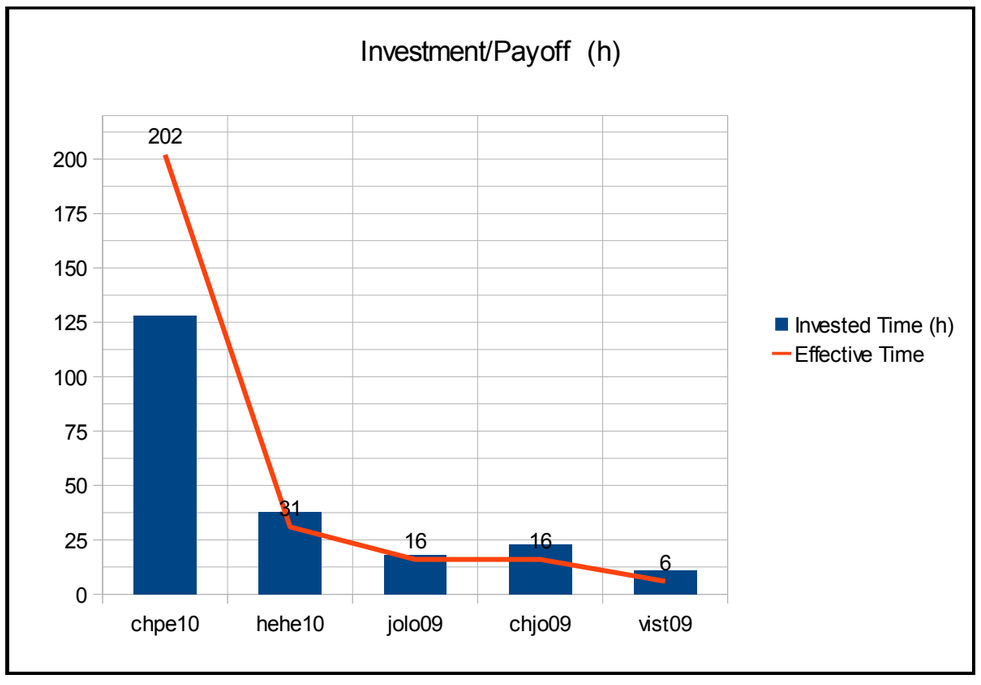
Final PV/AC/EV ratio compared
to default expectations

Member	chpe10	hehe10	jolo09	chjo09	vist09	default
AC/PV Cost	1,28	0,38	0,18	0,23	0,11	**1**
EV/PV Contribution	2,02	0,31	0,16	0,16	0,06	**1**
an AC/EV Payoff	1,58	0,82	0,89	0,70	0,55	**1**

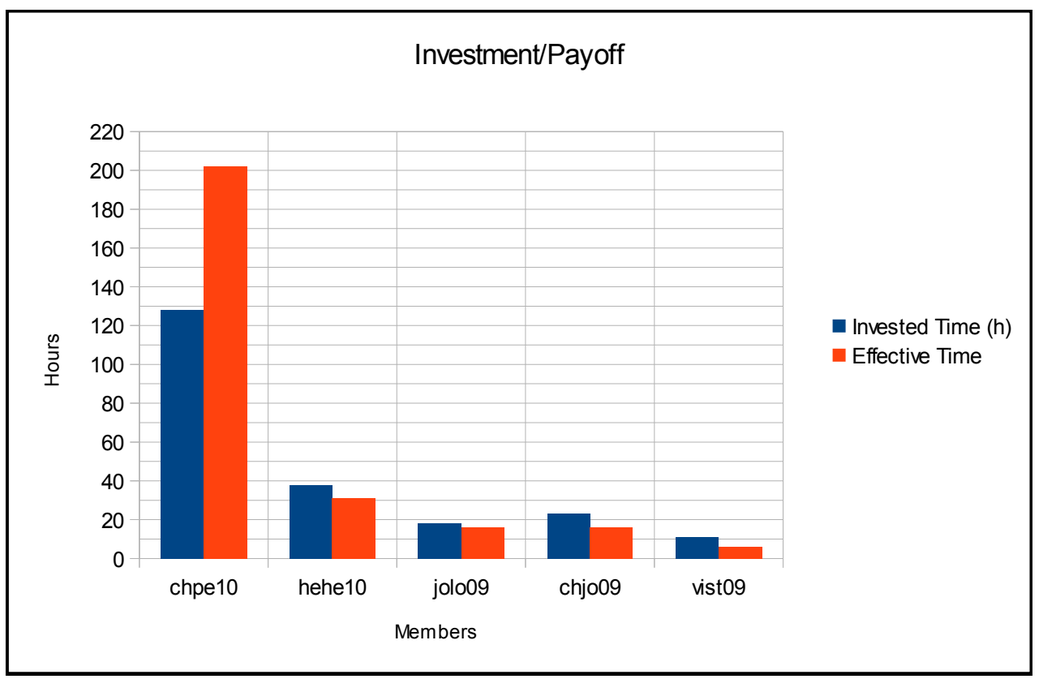
EV/PV:
Worker efficiency
contra PV required

Note: Mean value does not
take AC/PV into account, it
only evaluates EV/AC

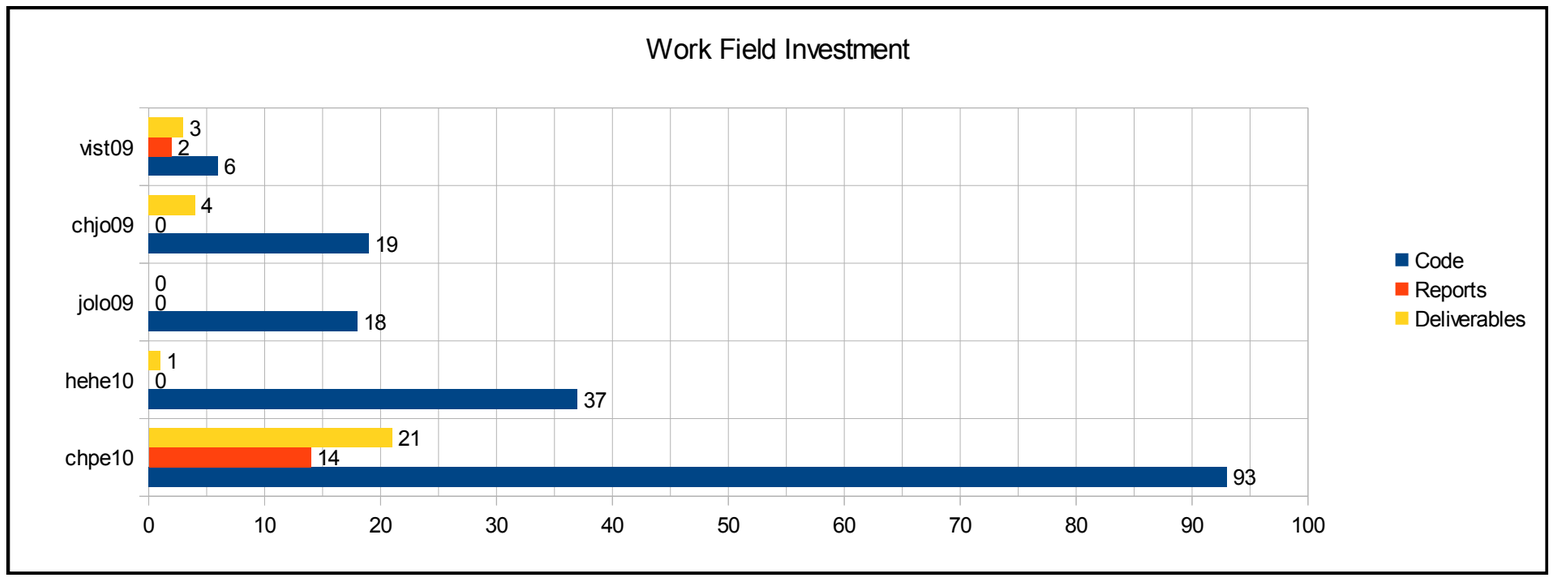
EV drop
comparison



AC/EV comparison
stacked



Member AC per EV area



AC/EV:
1:1 ratio, the closer X is to 0 the more effective performance investment

EV Surplus above the expected 100h

AC Surplus above the expected 100h

AC/EV statistics
Note: ideally the EV surplus should not deped on a negative AC surplus

Member	chpe10	hehe10	jolo09	chjo09	vist09
AC	128	38	18	23	11
EV	202	31	16	16	6
AC/EV ratio	0,63:1	1,23:1	1,13:1	1,44:1	1,83:1
EV Surplus	102	-69	-84	-84	-94
AC Surplus	-28	62	82	77	89

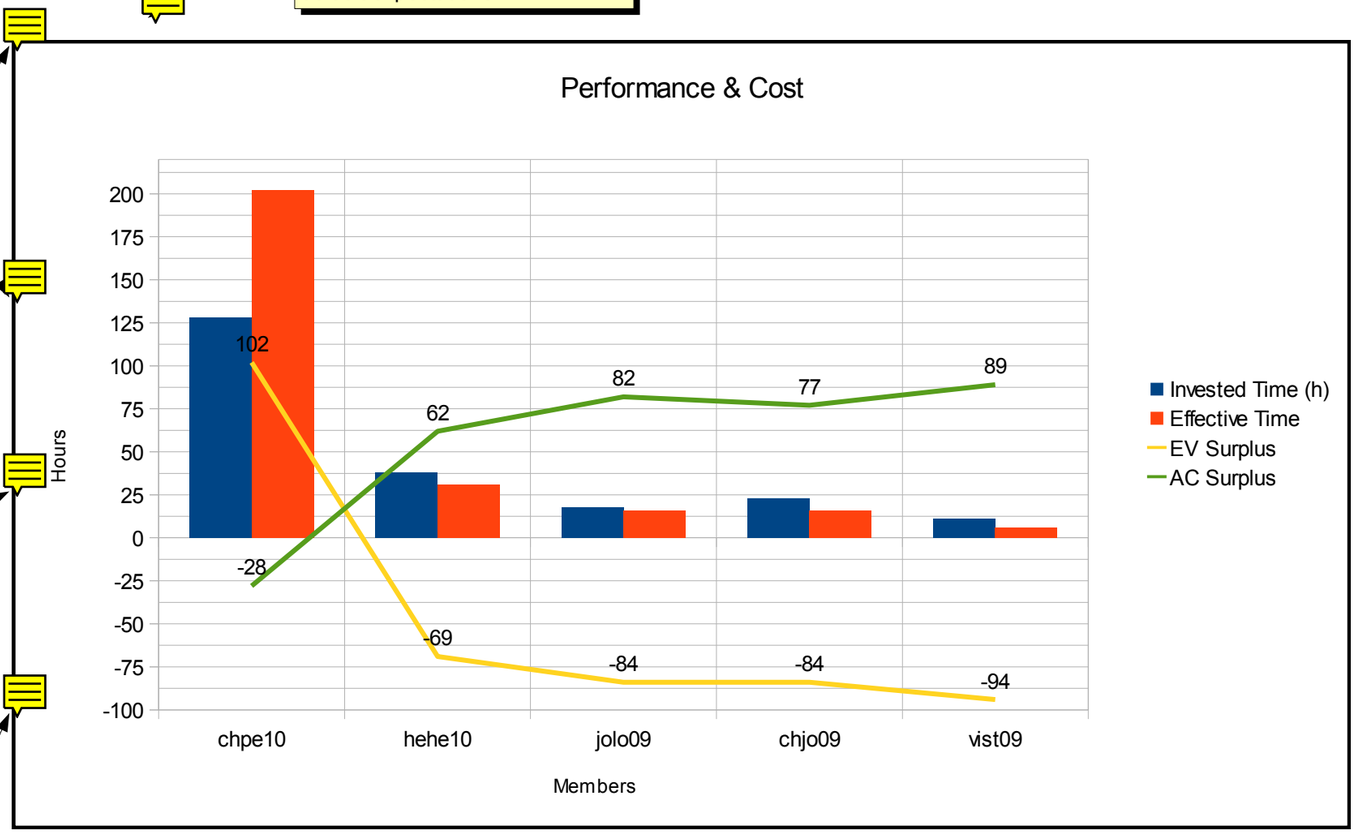
AC & EV staples with line drop comparison any surplus from default expectations

AC/EV by default should be at 100. Any surplus starts at 0.

Ideally AC <= 100 as long as EV = 100. If both AC & EV > 100 the payoff ratio needs to be taken into account

Negative drop in AC surplus indicates overwork. A positive rise indicates time still in debt to the project

Negative value on EV surplus indicates work still in debt to the project. A positive value indicates additional EV for AC beyond PV



Tragically fun facts
Note: this does not take AC/PV ratio into account for harvested EV

Amount of member required to achieve personal PV requirements

Amount of member clones that would be needed to form its own group that achieves the PV requirements

Ratios compared to PV expectations

Member	chpe10	hehe10	jolo09	chjo09	vist09	default
Mean AC/EV Payoff	1,58	0,82	0,89	0,70	0,55	**1**
Calc Num Mems For PV	0,63	1,23	1,13	1,44	1,83	**1**
Num Mems Per Group	3,17	6,13	5,63	7,19	9,17	**5**

By default all values start at 1.

AC/PV Cost shows the deviaton of default cost per worker. Ideally at 1 but EV/PV Contribution should be taken into account

EV/PV Contribution shows the deviaton of contributed work contra PV. Ideally >= 1 but AC/PV should be taken into acount

AC/EV Payoff shows cost contra contribution. Ideally >= 1. Note this does not take PV into account