

Data S1

Demo_for_simulation.m:

```
clear;close all;clc;
load 'simdataS1SNR10'

%=====
%-----CAM-----
[A_est S_est]=CAM(X_mask,3,1,0);
% -----end CAM-----
%=====

%=====
%-----Decide which curve correspond to which tissue type-----
K=3;
for k=1:K,
    [peak,peakIX(k)]=max(A_est(:,k));
end
[peakind,inds]=max(peakIX); %% the slow flow has latest come of peak
[peakind,indp]=min(peakIX); %% the input function has earliest come of
peak
indf=setdiff([1,2,3],[inds,indp]);
TC_f=A_est(:,indf);
TC_s=A_est(:,inds);
TC_p=A_est(:,indp);
TCs=[TC_f,TC_s,TC_p];
% -----show TCs-----
h=figure;
x=[1:size(TC_p,1)]*0.5;    %0.5 minutes per frame
hl1 = line(x,TC_p,'LineStyle','--','Color','b');legend('input')
ax1 = gca;
set(ax1,'XColor','b','YColor','b')
xlabel('Time (minutes)')
ylabel('Tracer Concentration (mM/L)')
text(size(TC_p,1)/2,max(TC_p)/2,'Estimated TCs');%%to show title of
the figure
ax2 =
axes('Position',get(ax1,'Position'),'XAxisLocation','top','YAxisLocati
on','right','Color','none','XColor','r','YColor','r');
hl2 = line(x,TC_f,'Color','r','LineStyle','-','Parent',ax2);
hold on;
hl3 =
line(x,TC_s,'Color','r','LineStyle',':','Parent',ax2);legend('fast','s
low')
ylabel('Tracer Concentration (mM/L)')
saveas(h,'Estimated TCs.png')

h=figure;
hl1 = line(x,gtTCp,'LineStyle','--','Color','b');legend('input')
```

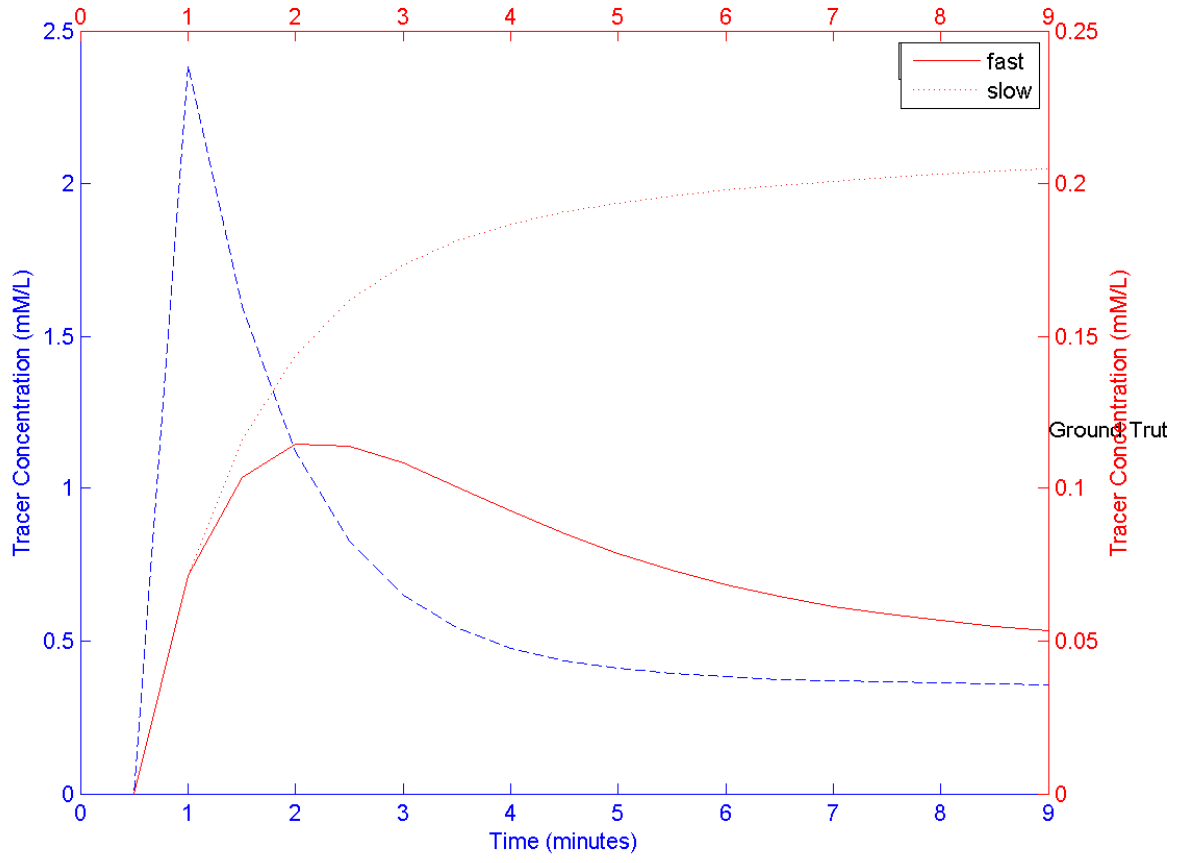
```

ax1 = gca;
set(ax1,'XColor','b','YColor','b')
xlabel('Time (minutes)')
ylabel('Tracer Concentration (mM/L)')
text(size(TC_p,1)/2,max(gtTCp)/2,'Ground Truth TCs');%%to show title
of the figure
ax2 =
axes('Position',get(ax1,'Position'),'XAxisLocation','top','YAxisLocati
on','right','Color','none','XColor','r','YColor','r');
hl2 = line(x,gtTCf,'Color','r','LineStyle','-','Parent',ax2);
hold on;
hl3 =
line(x,gtTCs,'Color','r','LineStyle',':','Parent',ax2);legend('fast','
slow')
ylabel('Tracer Concentration (mM/L)')
saveas(h,'Ground Truth TCs.png')
% -----end-----
%=====

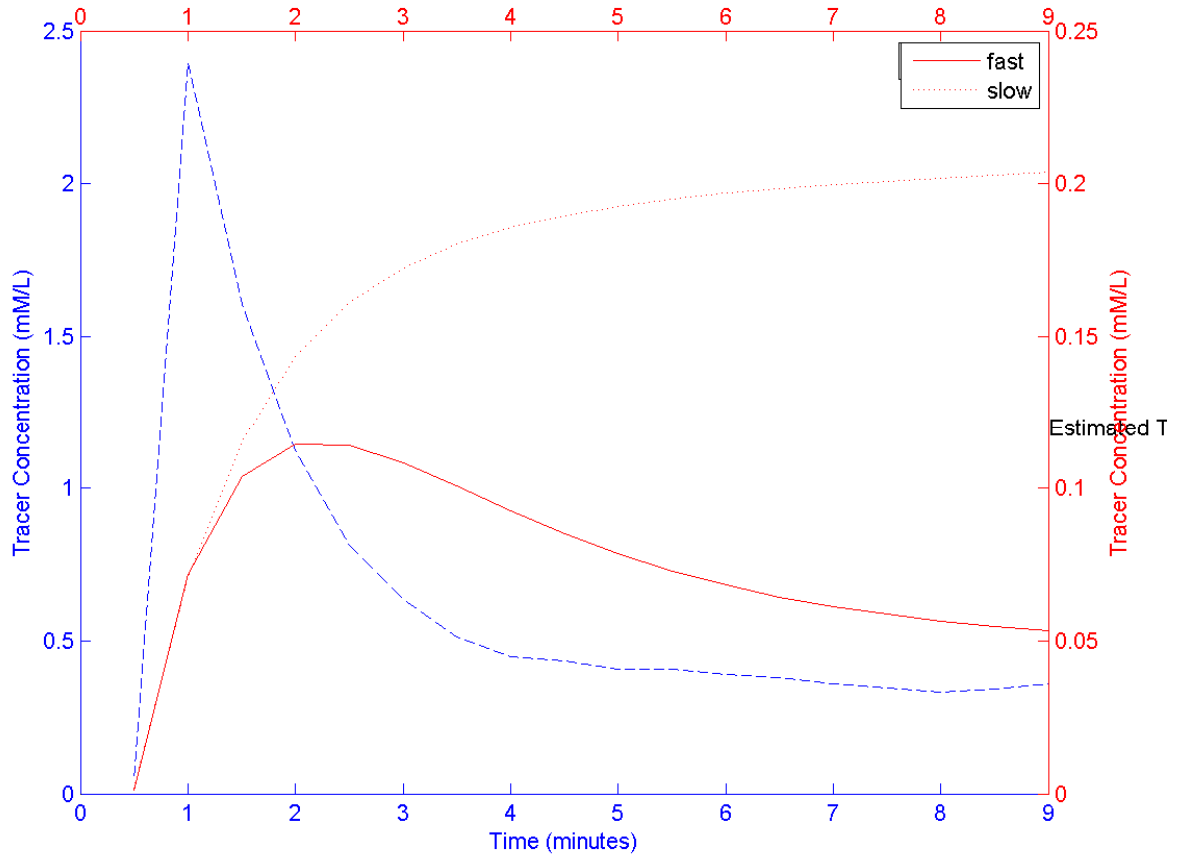
%=====
% -----perform CM-----
% random initialization
kis=0.1*rand(1);
kos=kis+rand(1);
kif=0.1*rand(1);
kof=kif+rand(1);
initk=[kis,kos,kif,kof];
[eKtrans_s,eKep_s,eKtrans_f,eKep_f,pixelwise_Ktran]=CM(X_mask,TCs,init
k,del_t);
save simresult eKtrans_s eKep_s eKtrans_f eKep_f Ktrans_s Kep_s
Ktrans_f Kep_f
% -----end perform CM-----
% =====

```

Ground truth TCs:



Estimated TCs



ROI_fast:



ROI_slow:



ROI_input



Simulation data S1SNR10 result:

Kep_f=0.5

Kep_s=0.1

Ktrans_f=0.03

Ktrans_s=0.03

eKep_f=0.4875

eKep_s=0.0962

eKtrans_f=0.0296

eKtrans_s=0.0296

simulator.m:

```
clear;clc
close all

% DCE-MRI data simulation, generate the data "simdata.mat"
% make sure you set the current directory to the one containing "Simulator.m"

% % % % % % % % =====parameter setting
=====
NumTframe=18;          % number of time frames for Dynamic imaging data
del_t=0.5;             % the sampling interval between time frames (/min)
SNR=10;                % the signal to noise ratio for the simulated data
Ktrans_s = 0.05;      % volume transfer rate for slow flow
Kep_s =0.6;            % flux rate for slow flow
Ktrans_f = 0.08;      % volume transfer rate for fast flow
Kep_f = 1.5;           % flux rate for fast flow
% Note: The spatial distribution of different tissue types are in the figures:
ROI_fast.jpg, ROI_slow.jpg, ROI_input.jpg
% % % % % % % % =====

%=====distribution maps for different tissue types=====
%-----slow volume transfer
R1 = double(imread('ROI_fast.jpg')); R1=R1(:, :, 1)/255; [m n]=size(R1); R1 =
ones(m,n)-R1;
R1(find(R1>0.5))=1; R1(find(R1<=0.5))=0;
R1(R1==1) = imnoise(R1(R1==1), 'gaussian', 0, 0.05); %add gaussian noise on
the spatial distribution
%-----plasma volume
R2 = double(imread('ROI_input.jpg')); R2=R2(:, :, 2)/255; R2 = ones(m,n)-R2;
R2(find(R2>0.5))=1; R2(find(R2<=0.5))=0;
R2(R2==1) = imnoise(R2(R2==1), 'gaussian', 0, 0.05);
%-----fast volume transfer
R3 = double(imread('ROI_slow.jpg')); R3=R3(:, :, 1)/255; R3 = ones(m,n)-R3;
R3(find(R3>0.5))=1; R3(find(R3<=0.5))=0;
R3(R3==1) = imnoise(R3(R3==1), 'gaussian', 0, 0.05);

%=====Time activity curves=====
%-----Plasma input function-----
time=0:0.5:15; % mintues
Cp=0.5*(3.99*exp(-1*time)+0.78*exp(-0.0111*time));
%-----Associated fast volume transfer compartment-----
Cf = Ktrans_f*conv(Cp, exp(-Kep_f*time));
Cf = Cf(1:length(time));
%-----Associated slow volume transfer compartment-----
Cs = Ktrans_s*conv(Cp, exp(-Kep_s*time));
Cs = Cs(1:length(time));

Cp=[0, Cp(1:NumTframe-1)];
Cs=[0, Cs(1:NumTframe-1)];
Cf=[0, Cf(1:NumTframe-1)];
```

```

% %-----show Cp, Cs, Cf-----
% timeslot=[0:NumTframe-1]*del_t;
% figure; plot(timeslot, Cp, '-b','LineWidth', 4);
% hold on; plot(timeslot, Cs,':g', 'LineWidth', 4);
% hold on; plot(timeslot, Cf,'--r','LineWidth', 4);
% legend ('plasma input','slow flow','fast flow', 'fontsize', 18, 1);
% xlabel('time (min)','fontsize', 18);
% ylabel('Tracer Concentration (mM/L)','fontsize', 18);
% set (gcf,'Position',[300,300,400,300], 'color','w');
% %-----show normalized Cp, Cs, Cf-----
% figure; plot(timeslot, Cp/sum(Cp), '-b','LineWidth', 4);
% hold on; plot(timeslot, Cs/sum(Cs),':g', 'LineWidth', 4);
% hold on; plot(timeslot, Cf/sum(Cf),'--r','LineWidth', 4);
% legend ('plasma input','slow flow','fast flow', 'fontsize', 18, 1);
% xlabel('time (min)','fontsize', 18);
% ylabel('Normalized TC','fontsize', 18);
% set(gca,'fontsize',18)

%====Data generation====
sumR=R1(:)+R2(:)+R3(:)+eps;
S = [R1(:)'./sumR'; R2(:)'./sumR'; R3(:)'./sumR'];
A = [Cs' Cp' Cf'];
X = A*S;
%-----loading the mask-----
index=find(sum(S,1)>0);
index=index';
N=length(index); % N is the number of the pixels in masked ROI
M=NumTframe;

X_mask=X(:,index);
Rn=eye(M);
alpha=0.9;
for i=1:M
    for j=1:M
        Rn(i,j)=alpha^(abs(i-j));
    end
end
R=chol(Rn);

for i=1:N,
    sigma=std(X_mask(:,i))*10^(-SNR/10);
    X_mask(:,i)=X_mask(:,i)+sigma*R'*randn(M,1);
end
X_mask(find(X_mask<0))=eps;
origX=X(:,index);
gtS=S(:,index); gtSs=gtS(1,:); gtSp=gtS(2,:); gtSf=gtS(3,:);
gtTCp=Cp';gtTCf=Cf';gtTCs=Cs';
save simdata gtTCf gtTCs gtTCp gtSs gtSp gtSf del_t Ktrans_f Kep_f Ktrans_s
Kep_s X_mask

```


0	0	0	0	0	0	0
0.5	0.46736	0.4634	0.5	0.52245	0.4886	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0.49022	0.57984	
0.41857	0.37374	0.5	0.54093	0.5	0.57661	
0.5	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0.49138	0.47198	0.5	
0.58079	0.5	0.50888	0.56456	0.60103	0.53759	
0.52786	0.54348	0.41996	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0.47515	0.46177	0.48304	0.46769	0.50609	
0.57877	0.5	0.4066	0.47317	0.45989	0.53221	
0.5	0.49707	0.41003	0.57031	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0.5	0.5085	0.5	0.46075	0.5342	0.49722	
0.5	0.52192	0.45687	0.5	0.51491	0.40948	
0.65548	0.58223	0.5	0.5	0.59748	0.5	
0	0	0	0	0	0	
0	0	0	0	0	0.34131	
0.29458	0.30372	0.37115	0.37492	0.26713	0.38387	
0.33803	0.44792	0.496	0.5	0.48695	0.46982	
0.5	0.4778	0.50319	0.48983	0.56002	0.50014	
0.35275	0.5	0.49097	0.5	0.5	0.44565	
0.4977	0.48922	0	0	0	0	
0	0	0	0	0	0.50705	
0.30936	0.29768	0.28929	0.36855	0.33333	0.32306	
0.25054	0.26664	0.33655	0.33728	0.5265	0.43687	
0.39823	0.49444	0.48603	0.48632	0.5	0.5	
0.50093	0.55883	0.23132	0.56067	0.50146	0.65757	
0.48994	0.44525	0.5	0.51636	0	0	
0	0	0	0	0	0.53001	
0.509	0.49879	0.33333	0.36575	0.33633	0.27239	
0.33453	0.33874	0.33333	0.33926	0.34324	0.28438	
0.68184	0.45931	0.56814	0.5	0.52791	0.4179	
0.5	0.46543	0.52031	0.5	0.49534	0.48094	
0.42707	0.5	0.48776	0.45348	0.5	0.55252	
0	0	0	0	0	0	
0.55814	0.5	0.5	0.5	0.51276	0.27307	
0.3564	0.33333	0.32483	0.33726	0.36491	0.3364	
0.42017	0.34039	0.44679	0.51322	0.59962	0.38591	
0.43854	0.5	0.46699	0.5426	0.5	0.51752	
0.44191	0.58394	0.46671	0.417	0.5	0.56451	

0.5	0.5	0	0	0	0
0	0.45399	0.55224	0.5	0.40293	0.46445
0.44886	0.31825	0.40739	0.26596	0.33707	0.38413
0.35651	0.28775	0.38273	0.3526	0.45907	0.5
0.46707	0.38639	0.42286	0.5	0.41797	0.5
0.5	0.51749	0.5	0.39871	0.56759	0.50127
0.50829	0.55528	0.5	0.49056	0	0
0	0.46695	0.5	0.52821	0.44401	0.41725
0.5	0.44412	0.51833	0.33333	0.34242	0.27339
0.31995	0.36287	0.35858	0.36496	0.30718	0.34928
0.54226	0.52175	0.52146	0.46746	0.5632	0.5
0.5	0.37305	0.5	0.58453	0.52485	0.5326
0.53875	0.5331	0.55172	0.44858	0.5	0.45056
0	0.35561	0.46489	0.5	0.48327	0.41698
0.54751	0.5	0.48743	0.46501	0.34119	0.38883
0.20008	0.35015	0.28411	0.2614	0.26973	0.45708
0.32724	0.47467	0.5	0.49999	0.53253	0.50152
0.46812	0.53366	0.48796	0.44676	0.46675	0.33116
0.53908	0.38963	0.46469	0.50585	0.47543	0.48188
1	0.50574	0.47828	0.51905	0.42334	0.42155
0.5	0.52639	0.62511	0.5	0.53928	0.30627
0.3109	0.33811	0.3571	0.35143	0.32371	0.25506
0.32528	0.34024	0.48026	0.5	0.5	0.41324
0.50672	0.46018	0.49728	0.50519	0.52716	0.59241
0.48647	0.46144	0.55328	0.48448	0.43001	0.53994
0.49547	1	0.5	0.5	0.51416	0.50594
0.4961	0.47434	0.48871	0.5	0.5	0.52609
0.30335	0.25654	0.39804	0.38267	0.40913	0.21581
0.37017	0.34479	0.52286	0.5	0.5249	0.54172
0.64004	0.49975	0.55522	0.52135	0.49118	0.45786
0.38338	0.41524	0.52251	0.49164	0.5	0.48189
0.51867	0.54541	1	0.46733	0.5	0.47521
0.52	0.48142	0.45067	0.47865	0.6147	0.53689
0.43313	0.27266	0.40651	0.34571	0.34031	0.32909
0.26615	0.30899	0.31487	0.48655	0.57853	0.5
0.57737	0.52092	0.5	0.5	0.48164	0.2879
0.4749	0.4967	0.55365	0.54106	0.4772	0.56969
0.43741	0.41026	1	1	1	0.55253
0.44011	0.45628	0.50539	0.49549	0.81754	0.61035
0.52339	0.5	0.33333	0.33333	0.36645	0.22683
0.30328	0.33333	0.63393	0.5	0.5	0.5
0.49157	0.5	0.44523	0.62166	0.5	0.54115
0.57537	0.34631	0.47505	0.5	0.56466	0.49448
0.53735	0.5	1	1	1	1
0.42914	0.5	0.5	0.44567	0.49111	0.5
0.5	0.5	0.5	0.30146	0.29276	0.33787
0.50187	0.50146	0.12723	0.53647	0.43661	0.5
0.54198	0.5	0.51439	0.5576	0.37509	0.45721
0.5	0.55761	0.44074	0.5	0.53646	0.45554
0.5	0.58788	1	1	1	1
1	1	0.50281	0.5	0.52082	0.4906
0.5	0.5	0.46119	0.47794	0.43427	0.5

1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
gtSs=1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	0.42836	0.4788	0.47053	0.50637	
1	1	1	1	1	1	
1	1	1	1	1	1	
1	1	1	0	0.49645	0.49671	
0.50492	0.52901	0.5	0.49199	1		1
1	1	1	1	1	1	
1	1	1	1	1	1	
1	0	0	0.54259	0.4154	0.5	
0.46973	0.48501	0.43905	0.66366	0.4839		1
1	1	1	1	1	1	
1	1	1	1	1	1	
1	1	0	0	0	0.51849	
0.48634	0.58601	0.50608	0.5	0.56976	0.67163	
0.49326	0.5	1	1	1	1	1
1	1	1	1	1	1	
1	1	1	1	1	1	
0	0	0	0	0.41688	0.60648	
0.59026	0.5032	0.5	0.5252	0.47334		0.5
0.49158	0.49133	1	1	1	1	1
1	1	1	1	1	1	
1	1	1	1	1	1	
0	0	0	0	0	0	
0.48372	0.43016	0.55212	0.49644	0.5		0.5
0.5	0.5	0.52921	0.41594	1		1
1	1	1	1	1	1	
1	1	1	1	1	1	
1	1	1	0	0	0	
0	0	0	0.66941	0.5	0.56393	
0.5	0.49266	0.54063	0.53974	0.44355	0.52109	
0.47686	0.4557	1	1	1	1	1
1	1	1	1	1	1	
1	1	1	0.4407	0.64688	0.48558	

1	0	0	0	0	0	0
0	0	0.46085	0.50722	0.38179	0.4921	
0.4461	0.40522	0.44416	0.58802	0.41052	0.48945	
0.53199	1	1	1	1	1	1
1	1	1	1	1	1	1
0.5	0.53264	0.5366	0.5	0.47755	0.5114	
1	0	0	0	0	0	
0	0	0.5	0.40446	0.41206	0.4912	
0.5	0.5	0.5	0.50185	0.5	0.50788	
0.54295	1	1	1	1	1	1
1	1	1	1	0.50978	0.42016	
0.58143	0.62626	0.5	0.45907	0.5	0.42339	
0.5	1	0	0	0	0	
0	0	0	0.54929	0.49298	0.5	
0.55717	0.5	0.50252	0.5	0.3353	0.5	
0.51478	0.5055	0.38605	1	1	1	
1	1	1	0.50862	0.52802	0.5	
0.41921	0.5	0.49112	0.43544	0.39897	0.46241	
0.47214	0.45652	0.58004	0	0	0	
0	0	0	0	0.70065	0.43767	
0.52246	0.5	0.39289	0.52409	0.45618	0.57275	
0.51302	0.5	0.5	0.50502	1	1	
1	0.52485	0.53823	0.51696	0.53231	0.49391	
0.42123	0.5	0.5934	0.52683	0.54011	0.46779	
0.5	0.50293	0.58997	0.42969	0	0	
0	0	0	0	0	0	
0	0.4412	0.45804	0.56263	0.49764	0.5	
0.50105	0.49794	0.49742	0.49911	0.47735	0.52504	
0.5	0.4915	0.5	0.53925	0.4658	0.50278	
0.5	0.47808	0.54313	0.5	0.48509	0.59052	
0.34452	0.41777	0.5	0.5	0.40252	0.5	
0	0	0	0	0	0	
0	0	0	0.58635	0.45237	0.26797	
0.37019	0.34814	0.29133	0.29178	0.36643	0.33279	
0.28566	0.23479	0.504	0.5	0.51305	0.53018	
0.5	0.5222	0.49681	0.51017	0.43998	0.49986	
0.64725	0.5	0.50903	0.5	0.5	0.55435	
0.5023	0.51078	0	0	0	0	
0	0	0	0	0	0	
0.34532	0.35116	0.3535	0.25942	0.33333	0.33847	
0.35406	0.42044	0.30239	0.32544	0.4735	0.56313	
0.60177	0.50556	0.51397	0.51368	0.5	0.5	
0.49907	0.44117	0.76868	0.43933	0.49854	0.34243	
0.51006	0.55475	0.5	0.48364	0	0	
0	0	0	0	0	0	
0	0	0.33333	0.2685	0.33633	0.35482	
0.3434	0.34484	0.33333	0.31669	0.31351	0.35781	
0.31816	0.54069	0.43186	0.5	0.47209	0.5821	
0.5	0.53457	0.47969	0.5	0.50466	0.51906	
0.57293	0.5	0.51224	0.54652	0.5	0.44748	
0	0	0	0	0	0	
0	0	0	0	0	0.36346	

0.35794	0.33333	0.3204	0.32549	0.27019	0.3364
0.33417	0.34039	0.55321	0.48678	0.40038	0.61409
0.56146	0.5	0.53301	0.4574	0.5	0.48248
0.55809	0.41606	0.53329	0.583	0.5	0.43549
0.5	0.5	0	0	0	0
0	0	0	0	0	0
0	0.37604	0.37413	0.36702	0.32586	0.33673
0.35651	0.41616	0.24485	0.21336	0.54093	0.5
0.53293	0.61361	0.57714	0.5	0.58203	0.5
0.5	0.48251	0.5	0.60129	0.43241	0.49873
0.49171	0.44472	0.5	0.50944	0	0
0	0	0	0	0	0
0	0	0	0.33333	0.41636	0.3633
0.36755	0.34828	0.22236	0.23084	0.35626	0.30144
0.45774	0.47825	0.47854	0.53254	0.4368	0.5
0.5	0.62695	0.5	0.41547	0.47515	0.4674
0.46125	0.4669	0.44828	0.55142	0.5	0.54944
0	0	0	0	0	0
0	0	0	0	0.30128	0.28575
0.34876	0.35015	0.3774	0.36469	0.41159	0.18269
0.33638	0.52533	0.5	0.50001	0.46747	0.49848
0.53188	0.46634	0.51204	0.55324	0.53325	0.66884
0.46092	0.61037	0.53531	0.49415	0.52457	0.51812
0	0	0	0	0	0
0	0	0	0	0	0.34384
0.40322	0.33516	0.33796	0.29715	0.38546	0.37247
0.33736	0.31952	0.51974	0.5	0.5	0.58676
0.49328	0.53982	0.50272	0.49481	0.47284	0.40759
0.51353	0.53856	0.44672	0.51552	0.56999	0.46006
0.50453	0	0	0	0	0
0	0	0	0	0	0
0.34637	0.37173	0.29195	0.38267	0.38562	0.34992
0.33838	0.31042	0.47714	0.5	0.4751	0.45828
0.35996	0.50025	0.44478	0.47865	0.50882	0.54214
0.61662	0.58476	0.47749	0.50836	0.5	0.51811
0.48133	0.45459	0	0	0	0
0	0	0	0	0	0
0	0.32829	0.36191	0.34416	0.34031	0.35558
0.36772	0.3455	0.36911	0.51345	0.42147	0.5
0.42263	0.47908	0.5	0.5	0.51836	0.7121
0.5251	0.5033	0.44635	0.45894	0.5228	0.43031
0.56259	0.58974	0	0	0	0
0	0	0	0	0	0
0	0	0.33333	0.33333	0.36645	0.38785
0.34836	0.33333	0.36607	0.5	0.5	0.5
0.50843	0.5	0.55477	0.37834	0.5	0.45885
0.42463	0.65369	0.52495	0.5	0.43534	0.50552
0.46265	0.5	0	0	0	0
0	0	0	0	0	0
0	0	0	0.34933	0.36768	0.32385
0.49813	0.49854	0.87277	0.46353	0.56339	0.5
0.45802	0.5	0.48561	0.4424	0.62491	0.54279

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0	0	0.57164	0.5212	0.52947	0.49363	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	1	0.50355	0.50329	0
0.49508	0.47099	0.5	0.50801	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	1	1	0.45741	0.5846	0.5	0
0.53027	0.51499	0.56095	0.33634	0.5161	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	1	1	1	0.48151	0
0.51366	0.41399	0.49392	0.5	0.43024	0.32837	0
0.50674	0.5	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1	1	1	1	0.58312	0.39352	0.5
0.40974	0.4968	0.5	0.4748	0.52666	0	0
0.50842	0.50867	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1	1	1	1	1	1	1
0.51628	0.56984	0.44788	0.50356	0.5	0.5	0.5
0.5	0.5	0.47079	0.58406	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	1	1	1	1
1	1	1	0.33059	0.5	0.43607	0

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0	0	0	0	0	0	0
1	1	1	1	1	1	1
0.44186	0.5	0.5	0.5	0.48724	0.36346	
0.28566	0.33333	0.35477	0.33726	0.36491	0.3272	
0.24566	0.31921	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	1	1	1	1	
1	0.54601	0.44776	0.5	0.59707	0.53555	
0.55114	0.30571	0.21848	0.36702	0.33707	0.27914	
0.28697	0.29609	0.37242	0.43404	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	1	1	
1	0.53305	0.5	0.47179	0.55599	0.58275	
0.5	0.55588	0.48167	0.33333	0.24121	0.3633	
0.3125	0.28885	0.41906	0.4042	0.33656	0.34928	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
1	0.64439	0.53511	0.5	0.51673	0.58302	
0.45249	0.5	0.51257	0.53499	0.35753	0.32541	
0.45116	0.2997	0.3385	0.37391	0.31868	0.36023	
0.33638	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0.49426	0.52172	0.48095	0.57666	0.57845	
0.5	0.47361	0.37489	0.5	0.46072	0.34989	
0.28588	0.32673	0.30494	0.35143	0.29082	0.37247	
0.33736	0.34024	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0.5	0.5	0.48584	0.49406	
0.5039	0.52566	0.51129	0.5	0.5	0.47391	
0.35029	0.37173	0.31002	0.23465	0.20525	0.43427	
0.29145	0.34479	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0.53267	0.5	0.52479	
0.48	0.51858	0.54933	0.52135	0.3853	0.46311	
0.56687	0.39905	0.23158	0.31013	0.31939	0.31532	
0.36613	0.3455	0.31602	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0.44747	
0.55989	0.54372	0.49461	0.50451	0.18246	0.38965	
0.47661	0.5	0.33333	0.33333	0.2671	0.38531	
0.34836	0.33333	0	0	0	0	
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0.06132
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0.054894
0.053478

gtTCs=

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0.20398
0.20476

gtTCp=

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0.35527	0.30814	0.35348	0.34597	0.33333	0.42203
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0.31961	0.33934	0.33333	0.37896	0.3409	0.39513
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0.38705	0.35225	0.3514	0.35868	0.31854	0.35625
0.34667	0.26755	0.5	0.5	0.47586	0.5
0.52871	0.51485	0.48788	0.57052	0.44589	0.39805
0.32769	0.5	0.46307	0.5124	0.42349	0.41323
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0	0.38834	0.33333	0.38318	0.26459	0.35173
0.32569	0.37323	0.33053	0.52669	0.51038	0.50845
0.48139	0.53388	0.54471	0.55111	0.47251	0.5

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0.38963	0.55366	0.5	0.54368	0.46488	0.53952
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0	0	0	0.33268	0.28038	0.32367
0.55986	0.40378	0.45241	0.5	0.5	0.61045
0.47248	0.45115	0.51035	0.5078	0.61439	0.53839
0.50203	0.50998	0.40636	0.53456	0.5	0.50935
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0.55055	0.51975	0.5	0.63782	0.5	0.44666
0.52614	0.5	0.48596	0.5	0.51061	0.44555
0.49309	0.523	0.45315	0.5	0.68658	0.5
0.51654	0.5	0.53395	0	0	0
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0.62248	0.5	0.50662	0.5	0.5	0.53263
0.51746	0.5	0.48699	0.50976	0.36841	0.423
0.5	0.63219	0.5867	0.56419	0.5	0.54755
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0.52071	0.53999	0.65213	0.46949	0.46665	0.55677
0.53472	0.42973	0.5	0.35633	0.56442	0.52323
0.49738	0.62798	0.5	0.5	0.5	0.5
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0	0	0	0	0	0.5
0.5	0.51132	0.57873	0.43574	0.5	0.69005
0.5	0.50414	0.45256	0.52507	0.5	0.42996
0.51621	0.4811	0.48742	0	0	0
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0	0	0	0	0.37655	0.5
0.49435	0.52674	0.52366	0.5	0.54211	0.47211
0.5	0.45684	0.5	0.47566	0.50325	0
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0	0	0.55658	0.45629	0.49541	0.47821
0.42633	0.56866	0.61943	0.57518	0.5	0
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0.45417	0.5	0.36461	0.44369	0	0

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1	1	1	1	1	0.53405
0.37563	0.30787	0.39888	0.33333	0.32053	0.28425
0.36867	0.31331	0.35651	0.3481	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	1	1
1	1	1	1	1	0.5
0.45205	0.51097	0.42349	0.33333	0.32259	0.33021
0.36046	0.33333	0.3404	0.33333	0.2294	0.36231
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
1	1	1	1	1	1
0.5	0.53891	0.54452	0.48693	0.49751	0.34303
0.33333	0.34668	0.31551	0.31782	0.22534	0.33219
0.34832	0.3332	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	1	1	1	1
1	0.414	0.47067	0.46809	0.53371	0.5
0.46034	0.33333	0.26784	0.38953	0.33333	0.27395
0.31402	0.34061	0.33631	0.3337	0	0
0	0	0	0	0	0
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0	0	0	0	1	1
1	0.6592	0.47436	0.65363	0.51164	0.49578
0.5	0.45329	0.52223	0.38016	0.3551	0.35375
0.34667	0.34593	0.39918	0.35892	0.33333	0.42203
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0.5	0.45951	0.52723	0.55802	0.33333	0.35383
0.35727	0.33333	0.40631	0.28229	0.25016	0.34883
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- 0.11389
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- 0.092638
- 0.085208
- 0.078648
- 0.073046
- 0.06836
- 0.06449

0.06132
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0.05662
0.054894
0.053478

gtTCs=

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0.20476

gtTCp=

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0.29398	0.26434	0.32317	0.34238	0.5901	0.62484
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0.46494	0.4827	0.43487	0.4393	0.5	0.4978
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0.46657	0.69423	0.48721	0.50367	0.5	0.5
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1	1	1	1	1	1	1
1	1	1	0	0.5	0.40531	1
0.50605	0.5339	0.47385	0.48377	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1

1	0	0	0.53963	0.67874	0.5	
0.63632	0.50603	0.48267	0.5116	0.50532		1
1	1	1	1	1	1	
1	1	1	1	1	1	
1	1	0	0	0	0.50778	
0.40924	0.55703	0.48921		0.5	0.5	0.46027
0.48625	0.46159	1		1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
0	0	0	0	0.42179	0.4481	
0.52744	0.43047	0.5306	0.60702	0.4675	0.48713	
0.63393	0.55944	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
0	0	0	0	0	0	0
0.5	0.47586	0.54709	0.45337	0.5108	0.43799	
0.38637	0.48563	0.28975		0.5	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	0	0	0	0
0	0	0	0.48009	0.43531	0.51247	
0.5	0.5008	0.5	0.50203	0.43367	0.40231	
0.41314	0.44735		1	1	1	1
1	1	1	1	1	1	1
1	1	1	0.48569	0.55036	0.51808	
1	0	0	0	0	0	0
0	0	0.5	0.5	0.43709	0.5	
0.58091	0.58682	0.48016	0.55973	0.58448	0.59864	
0.42413	1	1	1	1	1	1
1	1	1	1	1	1	1
0.50748	0.33977	0.4769		0.5	0.5	0.41761
1	0	0	0	0	0	0
0	0	0.39549	0.48896	0.48682	0.46032	
0.58909	0.34691	0.44371		0.5	0.5	0.52701
0.42367	1	1	1	1	1	1
1	1	1	1	0.5	0.5	
0.52495	0.5	0.4982	0.49716	0.51148	0.48487	
0.5453	1	0	0	0	0	0
0	0	0	0.45233	0.49726	0.47203	
0.5	0.40902	0.372	0.53364	0.44155	0.4987	
0.41564	0.5	0.63888		1	1	1
1	1	1	0.5	0.48554	0.48973	
0.5	0.55391	0.57741	0.5	0.38713	0.49886	
0.51007	0.5112	0.35898		0	0	0
0	0	0	0	0.55598	0.51302	
0.38431	0.5	0.59306	0.45463	0.45552	0.41901	
0.55711	0.33674	0.45841	0.46478		1	1
1	0.58462	0.45536	0.55978	0.5	0.5	
0.46178	0.44294	0.5	0.55839	0.51088	0.41399	
0.43137	0.5471	0.5	0.5	0	0	0
0	0	0	0	0	0	0
0	0.5	0.46475	0.50063	0.42508	0.5	

0.50407	0.5	0.5	0.44774	0.35373	0.47515
0.49359	0.46972	0.52183	0.43955	0.5	0.5
0.52087	0.51789	0.44331	0.29691	0.54011	0.40137
0.51487	0.50693	0.5	0.54262	0.53306	0.48617
0	0	0	0	0	0
0	0	0	0.5	0.68067	0.37566
0.25567	0.32409	0.33915	0.33333	0.30777	0.33333
0.27221	0.40656	0.58907	0.51684	0.51208	0.5
0.39797	0.5	0.45873	0.47761	0.59684	0.5
0.43304	0.5	0.39131	0.53557	0.54973	0.5
0.5	0.3967	0	0	0	0
0	0	0	0	0	0
0.35687	0.33333	0.37201	0.33388	0.29529	0.34444
0.36573	0.33811	0.41299	0.31694	0.51337	0.58179
0.53298	0.5	0.44796	0.49615	0.54397	0.51237
0.51044	0.48428	0.55625	0.34697	0.5	0.55251
0.58447	0.56541	0.60709	0.46141	0	0
0	0	0	0	0	0
0	0	0.34654	0.35592	0.33333	0.35969
0.20446	0.35444	0.31653	0.2724	0.28879	0.2906
0.55304	0.646	0.40676	0.49439	0.53349	0.49817
0.43507	0.5242	0.51793	0.37234	0.52298	0.4143
0.4341	0.37502	0.49212	0.51057	0.66413	0.50274
0	0	0	0	0	0
0	0	0	0	0	0.41966
0.35232	0.3872	0.44948	0.33333	0.39652	0.22846
0.27384	0.31551	0.51941	0.57755	0.4105	0.5
0.43203	0.46942	0.45788	0.53808	0.5	0.50976
0.48255	0.5	0.44307	0.48983	0.50882	0.52645
0.5	0.5	0	0	0	0
0	0	0	0	0	0
0	0.3793	0.28061	0.33333	0.33333	0.32397
0.33944	0.36809	0.40219	0.28784	0.4099	0.37516
0.46387	0.5	0.52253	0.587	0.53651	0.50708
0.53506	0.5173	0.56513	0.5607	0.5	0.5022
0.49056	0.63725	0.49404	0.5	0	0
0	0	0	0	0	0
0	0	0	0.24989	0.35796	0.29435
0.33333	0.37901	0.37334	0.36014	0.39943	0.32903
0.45497	0.5	0.5	0.56849	0.49395	0.5563
0.41623	0.4422	0.5	0.5	0.58233	0.5
0.4196	0.39743	0.53039	0.40868	0.52796	0.5
0	0	0	0	0	0
0	0	0	0	0.34355	0.31472
0.35234	0.37816	0.34295	0.31111	0.28695	0.26896
0.33692	0.52588	0.56574	0.64935	0.51047	0.5208
0.53343	0.30577	0.51279	0.49633	0.5	0.5
0.5	0.64148	0.56793	0.63187	0.5	0.53885
0	0	0	0	0	0
0	0	0	0	0	0.33333
0.29687	0.3546	0.35482	0.33333	0.34334	0.24783
0.23007	0.34343	0.56011	0.45714	0.52215	0.47647

0.50086	0.5	0.55703	0.54378	0.21071	0.50644
0.50679	0.5422	0.50683	0.52322	0.34705	0.38557
0.50772	0	0	0	0	0
0	0	0	0	0	0
0.33672	0.33333	0.34426	0.34169	0.34899	0.33333
0.36181	0.32016	0.49708	0.35345	0.5	0.52911
0.5	0.41789	0.5	0.47581	0.46146	0.48712
0.49934	0.5	0.50585	0.53509	0.42365	0.50899
0.54504	0.45181	0	0	0	0
0	0	0	0	0	0
0	0.32236	0.24188	0.30757	0.32023	0.36599
0.31399	0.29875	0.23884	0.45976	0.51549	0.5
0.42169	0.70924	0.48628	0.5	0.5	0.49107
0.56371	0.48198	0.53866	0.57032	0.41214	0.51517
0.5	0.4933	0	0	0	0
0	0	0	0	0	0
0	0	0.25888	0.38828	0.35776	0.30376
0.33683	0.32517	0.46974	0.58225	0.52386	0.5
0.5	0.60891	0.4164	0.4573	0.5	0.5
0.66236	0.53142	0.43001	0.43391	0.5	0.60148
0.48529	0.5	0	0	0	0
0	0	0	0	0	0
0	0	0	0.40582	0.32604	0.35909
0.49975	0.52038	0.50607	0.41359	0.53815	0.5
0.5	0.67428	0.5	0.5	0.46565	0.85897
0.39717	0.52767	0.5	0.50937	0.47605	0.5
0.32885	0.5	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0.42364	0.4274
0.51487	0.58934	0.45989	0.51344	0.50651	0.45878
0.58081	0.49014	0.42763	0.59881	0.5	0.54026
0.53057	0.5	0.47943	0.5	0.46341	0.5605
0.50704	0.4858	0.56025	0	0	0
0	0	0	0	0	0
0	0	0	0	0.51198	0.49672
0.56615	0.4714	0.5	0.39956	0.423	0.45524
0.52008	0.46917	0.41254	0.46004	0.54926	0.51676
0.5	0.54456	0.53591	0.57379	0.37052	0.46491
0.5	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0.5
0.51941	0.48386	0.4689	0.35476	0.59425	0.53901
0.5	0.5	0.5	0.5	0.49706	0.37814
0.45398	0.54673	0.5	0.5	0.59519	0.46939
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0.5
0.47925	0.65625	0.58699	0.4862	0.50466	0.44797
0.62362	0.61345	0.45615	0.54456	0.50609	0.49936
0.5	0.50195	0.5	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0

0	0	0	0	0.37698	0.5	
0.31916	0.50605	0.5	0.5	0.4937	0.41049	
0.50027	0.5	0.54435	0.5	0.43895	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0.5	0.5	0.5	0.53332	
0.45262	0.5817	0.5	0.56478	0.56519	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0.57062	0.54082	0.44921	0.44651	0	0	0
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
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0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
gtSp=0	0	0	0	0	0	0
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0	0	0	0	0	0	
0	0	0.47001	0.58016	0.52153	0.47872	
0	0	0	0	0	0	
0	0	0	0	0	0	

0	0	0	1	0.5	0.59469	
0.49395	0.4661	0.52615	0.51623		0	0
0	0	0	0	0	0	
0	0	0	0	0	0	
0	1	1	0.46037	0.32126		0.5
0.36368	0.49397	0.51733	0.4884	0.49468		0
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	1	1	1	0.49222	
0.59076	0.44297	0.51079		0.5	0.5	0.53973
0.51375	0.53841	0		0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1	1	1	1	0.57821		0.5519
0.47256	0.56953	0.4694	0.39298	0.5325		0.51287
0.36607	0.44056	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1	1	1	1	1	1	1
0.5	0.52414	0.45291	0.54663	0.4892		0.56201
0.61363	0.51437	0.71025		0.5	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	1	1		1
1	1	1	0.51991	0.56469		0.48753
0.5	0.4992	0.5	0.49797	0.56633		0.59769
0.58686	0.55265	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	1	1	1	1		1
1	1	0.5	0.5	0.56291		0.5
0.41909	0.41318	0.51984	0.44027	0.41552		0.40136
0.57587	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	1	1	1	1		1
1	1	0.60451	0.51104	0.51318		0.53968
0.41091	0.65309	0.55629		0.5	0.5	0.47299
0.57633	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	1	1	1		1
1	1	1	0.54767	0.50274		0.52797
0.5	0.59098	0.628	0.46636	0.55845		0.5013
0.58436	0.5	0.36112		0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	1	1		1
1	1	1	1	0.44402		0.48698
0.61569	0.5	0.40694	0.54537	0.54448		0.58099
0.44289	0.66326	0.54159	0.53522		0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	1	1
1	1	1	1	1	1	1
1	0.5	0.53525	0.49937	0.57492		0.5
0.49593		0.5	0.5	0.55226	0.64627	0.52485
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1	1	1	1	1	1	1
1	1	1		0.5	0.31933	0.33775
0.30295	0.33231	0.30186		0.33333	0.34611	0.33333
0.37959	0.31851		0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	1	1	1	1	1
1	1	1	1	1	1	0.51578
0.3406	0.33333	0.33919	0.33224	0.34193		0.31113
0.26853	0.32378	0.33327	0.36349		0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	1	1
1	1	1	1	1	1	0.5
0.45485	0.37746	0.32904	0.28992	0.33333		0.36744
0.39777	0.36975	0.40238		0.3638	0.35769	0.3547
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1	1	1	1	1	1	1
0.5	0.3608	0.5356	0.69414	0.5		0.26359
0.29535		0.3872	0.2693	0.33333	0.39652	0.38577
0.36308	0.35904		0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	1	1	1	1	1
1	0.5	0.46644	0.5	0.53497		0.5
0.5	0.31841	0.35918	0.33333	0.33333		0.32075
0.36659	0.36757	0.27463		0.36978	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	1	1
1	0.41098	0.53961	0.50255	0.43773		0.53326
0.5	0.4926	0.48614	0.37506	0.28409		0.35283
0.33333	0.23931	0.30897	0.27971	0.27139		0.33549
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1	0.5	0.50144	0.60907	0.62748		0.47447
0.47509	0.53459	0.50261	0.50448	0.37952		0.41068
0.35234	0.32175	0.34295	0.31811	0.35653		0.36552
0.32615		0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0
0.07155
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0.053478

gtTCs=

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0.19366
0.19601
0.19792
0.19952
0.20088
0.20206
0.20309
0.20398
0.20476

gtTCp=

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1.5979
1.1196
0.8287
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0.54309
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0.43538
0.4096
0.39316
0.38239

0.37506
0.36982
0.36585
0.36266
0.35995
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Kep_s=0.1

Ktrans_f=0.05

Ktrans_s=0.03

del_t=0.5

gtSf=0

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0	0	0	0	0	0	0	0

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0.46995	0.5	0.5	0.4953	0.50638	0.47214
0.53703	0.49064	0.5	0.4385	0.57015	0.65463
0	0	0	0	0	0
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0.33333	0.33333	0.37346	0.33333	0.33333	0.4113
0.37962	0.32845	0.50295	0.65898	0.5	0.57887
0.48211	0.45957	0.50711	0.5	0.42856	0.52176
0.47387	0.61593	0.5521	0.5	0.51382	0.50613
0.5	0.4732	0	0	0	0
0	0	0	0	0	0.5
0.33333	0.34641	0.31335	0.33679	0.33078	0.36239
0.33333	0.26111	0.29701	0.33117	0.4902	0.56579
0.5	0.5	0.5778	0.50579	0.5	0.48379
0.55932	0.56748	0.55153	0.5	0.57006	0.6572
0.49108	0.5	0.62159	0.55882	0	0
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0.47983	0.5	0.37143	0.27875	0.33892	0.34393
0.33333	0.33718	0.32399	0.3714	0.3565	0.33333
0.50072	0.50559	0.48237	0.57375	0.49524	0.47695
0.5	0.51865	0.52027	0.56117	0.50242	0.5
0.5	0.46403	0.49451	0.4484	0.46985	0.46359
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0.48359	0.5	0.5	0.48814	0.48388	0.37028
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0.3773	0.37421	0.43934	0.59955	0.56057	0.4964
0.47256	0.53816	0.5	0.5	0.54382	0.47829
0.5103	0.40092	0.5	0.37852	0.49696	0.53406
0.52738	0.44727	0	0	0	0
0	0.46951	0.46252	0.51922	0.5387	0.5
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0.3056	0.38699	0.33306	0.30576	0.46914	0.3817
0.5	0.5	0.45621	0.50192	0.5	0.58985
0.5	0.52221	0.5	0.41588	0.56489	0.45051
0.39597	0.50116	0.5	0.60506	0	0
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0.46564	0.59449	0.45016	0.35741	0.36102	0.32181
0.35346	0.29176	0.32509	0.26418	0.38926	0.34484
0.56216	0.56623	0.42121	0.61252	0.45594	0.61907
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0.5	0.5	0.5	0.51944	0.5	0.5
0	0.5	0.5246	0.58769	0.5	0.5
0.50753	0.6022	0.52153	0.5	0.33496	0.30401
0.32451	0.39694	0.3258	0.29246	0.36064	0.3642
0.33472	0.44062	0.50142	0.50702	0.5	0.49457
0.63548	0.50575	0.5	0.54678	0.55056	0.52148
0.48933	0.59137	0.5	0.51251	0.5	0.52368

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0.47943		0.5	0.49659	0.5	0.49792	0.32573
0.27728	0.31384		0.33333	0.40421	0.33333	0.33333
0.33333	0.32435		0.48626	0.49151	0.46002	0.5
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0.50036		0.5	0.62469	0.51272	0.65151	0.50324
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0.49432	0.60802		0.43536	0.52283	0.64106	0.50593
0.5	0.53837		1	1	1	1
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0.63181	0.47635		0.51873	0.6092	0.5311	0.61869
0.53113	0.48711		1	1	1	1
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0.48872	0.57467		0.5	0.51988	0.51513	0.55747
0.65644	0.46825		0.49153	0.50829	0.51547	0.55986
0.50243	0.3509		0.5	0.5	0.43441	0.45751
0.3588	0.53542		0.51881	0.50296	0.51161	0.51743
0.5	0.38025		0.49649	1	1	1
1	1		1	0.40482	0.47027	0.44036
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0.44926	0.45984		0.47679	0.53662	0.5	0.67886
0.5061	1		1	1	1	1
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1	1	1	1	1	1	
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0.55049	0.58763	0.60102	0.43952		0.5	0.51178
0.57323	0.41332	1	1	1	1	1
1	1	1	1	1	1	
1	1	1	1	1	1	
0	0	0	0	0.45238	0.44329	
0.463	0.5	0.52498	0.72464	0.52909	0.48391	
0.37621	0.52838	1	1	1	1	1
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1	1	1	1	1	1	
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0	0	0	0.43313	0.44056	0.48851	
0.40375	0.39797	0.60925	0.53406	0.49596		0.5
0.44509	0.6674	1	1	1	1	1
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0	0	0.50462	0.51061	0.43778	0.5	
0.47913	0.5	0.49339	0.5	0.48657	0.50287	
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0	0	0.5	0.51728	0.487	0.44636	
0.5	0.5	0.44474	0.5	0.49363	0.5	
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1	1	1	1	0.50288	0.47458	
0.45119	0.5	0.54214	0.41559	0.55856	0.5	
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0	0	0	0.54654	0.5	0.5	
0.66526	0.38678	0.53093	0.42684	0.44745	0.47417	
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1	1	1	0.5	0.5	0.48063	
0.53573	0.53967	0.41696	0.61025	0.5	0.57132	
0.50213	0.46462	0.53094	0	0	0	0

0	0	0	0	0.5	0.5
0.5646	0.50596	0.54039	0.51797	0.5	0.38842
0.5	0.45949	0.45868	0.63348	1	1
1	0.5044	0.5	0.50122	0.54471	0.5
0.48265	0.43876	0.63542	0.65023	0.39191	0.5
0.54359	0.47452	0.49644	0.67763	0	0
0	0	0	0	0	0
0	0.59287	0.50451	0.58063	0.45952	0.46142
0.5	0.44086	0.56001	0.42732	0.5	0.47241
0.44681	0.42677	0.60579	0.39628	0.55662	0.59133
0.53005	0.5	0.5	0.5047	0.49362	0.52786
0.46297	0.50936	0.5	0.5615	0.42985	0.34537
0	0	0	0	0	0
0	0	0	0.5	0.5	0.33359
0.33333	0.33333	0.25309	0.33333	0.33333	0.18298
0.39621	0.25281	0.49705	0.34102	0.5	0.42113
0.51789	0.54043	0.49289	0.5	0.57144	0.47824
0.52613	0.38407	0.4479	0.5	0.48618	0.49387
0.5	0.5268	0	0	0	0
0	0	0	0	0	0
0.33333	0.29752	0.34332	0.33679	0.25921	0.27522
0.33333	0.36944	0.36503	0.33442	0.5098	0.43421
0.5	0.5	0.4222	0.49421	0.5	0.51621
0.44068	0.43252	0.44847	0.5	0.42994	0.3428
0.50892	0.5	0.37841	0.44118	0	0
0	0	0	0	0	0
0	0	0.25714	0.32568	0.32216	0.31214
0.33333	0.32564	0.27816	0.4074	0.3565	0.33333
0.49928	0.49441	0.51763	0.42625	0.50476	0.52305
0.5	0.48135	0.47973	0.43883	0.49758	0.5
0.5	0.53597	0.50549	0.5516	0.53015	0.53641
0	0	0	0	0	0
0	0	0	0	0	0.32889
0.34532	0.36636	0.34156	0.26793	0.38399	0.29824
0.24638	0.33104	0.56066	0.40045	0.43943	0.5036
0.52744	0.46184	0.5	0.5	0.45618	0.52171
0.4897	0.59908	0.5	0.62148	0.50304	0.46594
0.47262	0.55273	0	0	0	0
0	0	0	0	0	0
0	0.33879	0.38293	0.33333	0.26654	0.33201
0.35798	0.25267	0.33347	0.34712	0.53086	0.6183
0.5	0.5	0.54379	0.49808	0.5	0.41015
0.5	0.47779	0.5	0.58412	0.43511	0.54949
0.60403	0.49884	0.5	0.39494	0	0
0	0	0	0	0	0
0	0	0	0.35341	0.33046	0.3391
0.35346	0.26697	0.30427	0.36791	0.32477	0.31848
0.43784	0.43377	0.57879	0.38748	0.54406	0.38093
0.5	0.5	0.3422	0.5	0.5919	0.5
0.5	0.5	0.5	0.48056	0.5	0.5
0	0	0	0	0	0
0	0	0	0	0.33007	0.32215

0.40325	0.33664	0.34643	0.41752	0.36064	0.24129
0.32089	0.55938	0.49858	0.49298	0.5	0.50543
0.36452	0.49425	0.5	0.45322	0.44944	0.47852
0.51067	0.40863	0.5	0.48749	0.5	0.47632
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0	0	0	0	0	0.35377
0.36371	0.34572	0.33333	0.34416	0.33333	0.33333
0.33333	0.32695	0.51374	0.50849	0.53998	0.5
0.39815	0.53265	0.48279	0.4444	0.50144	0.5
0.51984	0.5	0.5048	0.50325	0.51444	0.48643
0.5	0	0	0	0	0
0	0	0	0	0	0
0.38516	0.36029	0.27638	0.34498	0.28878	0.31487
0.33333	0.3259	0.68463	0.5	0.49371	0.57006
0.46353	0.53554	0.5292	0.49583	0.45016	0.58596
0.46349	0.47023	0.55552	0.5	0.5	0.45896
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0	0.3656	0.34629	0.36606	0.3367	0.3428
0.3229	0.3664	0.32053	0.5	0.42095	0.53372
0.5	0.55135	0.5	0.46008	0.5	0.46671
0.47477	0.5	0.5	0.4379	0.5	0.44733
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0.6412	0.46458	0.48119	0.49704	0.48839	0.48257
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0.44685	0.49335	0.42038	0.49149	0.48208	0.4251
0.42568	0.45633	0.5452	0.5	0.54005	0.54312

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0.4199	0.51061	0.5	0.5	0	0	0
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0.52087	0.5	0.50661	0.5	0.51343	0.49713	
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0.5	0.5	0.55526	0.5	0.50637	0.5	
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0.4354		0.49404	0.45961		0.48203		0.5		0.61158
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0.33333		0.33333	0.37346		0.33333		0.33333		0.40572
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0.33333		0.35607	0.34332		0.32642		0.41001		0.36239
0.33333		0.36944	0.33797		0.33442		0		0
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0.52017		0.5	0.37143		0.39557		0.33892		0.34393
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1		1	1		1		1		1
0.51641		0.5	0.5		0.51186		0.51612		0.30083
0.35614		0.32453	0.34156		0.43362		0.38399		0.35088
0.37632		0.29475	0		0		0		0
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0		0	0		0		0		0
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1		0.53049	0.53748		0.48078		0.4613		0.5
0.5		0.32242	0.29777		0.33333		0.35101		0.2903
0.33642		0.36034	0.33347		0.34712		0		0
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1		0.53945	0.4917		0.42125		0.5		0.48896
0.53436		0.40551	0.54984		0.28918		0.30852		0.3391
0.29309		0.44128	0.37064		0.36791		0.28597		0.33669
0		0	0		0		0		0

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0	0	0	0	0	0	0
1	0.5	0.4754	0.41231	0.5	0.5	0.5
0.49247	0.3978	0.47847	0.5	0.33496	0.37384	0.37384
0.27224	0.26642	0.32777	0.29002	0.27873	0.39451	0.39451
0.34439	0	0	0	0	0	0
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0	0.48929	0.57959	0.58059	0.4516	0.57159	0.57159
0.52057	0.5	0.50341	0.5	0.50208	0.3205	0.3205
0.35901	0.34044	0.33333	0.25163	0.33333	0.33333	0.33333
0.33333	0.3487	0	0	0	0	0
0	0	0	0	0	0	0
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0.54887	0.53799	0.46084	0.5	0.41626	0.47211	0.47211
0.36324	0.29374	0.37812	0.34498	0.36158	0.34256	0.34256
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0	0	0	0	0	0	0
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0.5942	0.45853	0.4876	0.42585	0.5	0.44222	0.44222
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0	0	0	0	0	0.5	0.5
0.49964	0.5	0.37531	0.48728	0.34849	0.49676	0.49676
0.5609	0.5	0.2703	0.33917	0.33333	0.33819	0.33819
0.32867	0.32325	0	0	0	0	0
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0.57951	0.50712	0	0	0	0	0
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043338, 0.038598, 0.030851, 0.032737, 0.040304, 0.036068, 0.0425, 0.039654, 0.
041742, 0.041367

```
#simdataS2SNR15:

Kep_f=1.2
Kep_f=1.2
Kep_s=0.1
Ktrans_f=0.05
Ktrans_s=0.03
del_t=0.5
gtSf=0           0           0           0           0           0           0           0
0              0              0              0              0              0              0              0
0              0              0              0              0              0              0              0
0              0              0              0              0              0              0              0
0              0              0              0              0              0              0              0
0              0              0              0              0              0              0              0
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0              0              0              0              0              0              0              0
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0              0              0              0              0              0              0              0
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0              0              0              0              0              0              0              0
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0              0              0              0              0              0              0              0
0              0              0              0              0              0              0              0
0              0              0              0              0              0              0              0
0              0              0              0              0              0              0              0
0              0              0              0              0              0              0              0
0              0              0              0              0              0              0              0
0              0              0              0              0              0              0              0
0              0              0              0              0              0              0              0
0              0              0              0              0              0              0              0
0.6249        0.5            0.5            0.50711        0.49981        0.46367
0              0              0              0              0              0              0              0
0              0              0              0              0              0              0              0
0              0              0              0              0              0              0              0
```

0	0	0	0	0	0	0
0	0	0	0	0	0.5	0.48525
0.41067	0.50943	0.5	0.5	0.5	0.5	0.46467
0.50993	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.54852	0.48907	0.46755	
0.50748	0.38761	0.48129	0.54817	0.49418	0.49461	
0.38803	0.49229	0.5	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.53529	0.3797	0.5732	0.57134	0.48624	
0.51084	0.5	0.5	0.49068	0.48677	0.5	
0.42862	0.46112	0.33857	0.48491	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0.5	0.5	0.50657	0.51368	0.5	0.5	
0.54053	0.5	0.46168	0.51399	0.58305	0.5	
0.5	0.49936	0.5	0.60896	0.54338	0.47228	
0	0	0	0	0	0	
0	0	0	0	0	0.27461	
0.38035	0.3181	0.33818	0.34804	0.27702	0.27259	
0.33486	0.31473	0.46932	0.41234	0.55228	0.60093	
0.5	0.38453	0.46755	0.5	0.45593	0.61859	
0.51618	0.5	0.51233	0.5	0.47069	0.51655	
0.5	0.52352	0	0	0	0	
0	0	0	0	0	0.54958	
0.33333	0.35738	0.25453	0.35236	0.24293	0.34865	
0.27406	0.3641	0.33333	0.30245	0.5	0.4744	
0.4223	0.5	0.51841	0.38712	0.35922	0.5	
0.40917	0.49138	0.5	0.47219	0.4119	0.55084	
0.57523	0.5	0.55696	0.49749	0	0	
0	0	0	0	0	0.5	
0.44292	0.36511	0.42216	0.3427	0.33972	0.31627	
0.355	0.38578	0.31716	0.3075	0.28026	0.38472	
0.5	0.5	0.43893	0.54046	0.50862	0.50705	
0.49631	0.38195	0.5	0.49508	0.54683	0.48559	
0.51449	0.5	0.54487	0.55139	0.51143	0.42555	
0	0	0	0	0	0	
0.47298	0.48523	0.5	0.52025	0.50127	0.25937	
0.33382	0.33367	0.3541	0.279	0.34019	0.33882	
0.34197	0.25316	0.50672	0.49514	0.50857	0.5	
0.55332	0.5	0.53918	0.51123	0.4776	0.46389	
0.37577	0.5	0.5	0.54611	0.42303	0.45521	
0.58121	0.5	0	0	0	0	
0	0.43956	0.5	0.5069	0.46393	0.56023	
0.65532	0.3409	0.27168	0.35855	0.35146	0.38613	
0.25389	0.37757	0.33333	0.28254	0.40842	0.58355	
0.41145	0.52048	0.61592	0.49859	0.53117	0.41939	

0.57825	0.5	0.55656	0.50157	0.5	0.51293
0.47783	0.43314	0.54892	0.5	0	0
0	0.5	0.5	0.5	0.46311	0.5
0.41389	0.5477	0.47856	0.30979	0.36122	0.36432
0.27088	0.37101	0.32128	0.40846	0.36306	0.35101
0.52506	0.5	0.57531	0.5	0.56182	0.45921
0.43116	0.48807	0.5	0.57	0.49321	0.49807
0.46925	0.41146	0.55282	0.5	0.5	0.5
0	0.47533	0.39133	0.5	0.55245	0.5
0.52519	0.5	0.5	0.50806	0.33333	0.33426
0.35814	0.33552	0.25467	0.3597	0.34003	0.30363
0.33333	0.5	0.5	0.49595	0.49926	0.52947
0.55048	0.5286	0.5	0.46581	0.47165	0.5
0.5	0.52555	0.46129	0.34056	0.509	0.58827
1	0.5	0.5	0.5	0.5265	0.5
0.60865	0.54003	0.41905	0.5	0.35879	0.23469
0.41424	0.38557	0.33333	0.33333	0.35099	0.31717
0.36672	0.36827	0.5	0.5	0.47917	0.50336
0.50922	0.66504	0.5	0.5613	0.46629	0.52681
0.44621	0.51817	0.50193	0.48721	0.5	0.50068
0.5	1	0.41677	0.5	0.5	0.42642
0.48726	0.56742	0.53614	0.61739	0.60865	0.48016
0.35776	0.2356	0.41043	0.41629	0.32807	0.27377
0.27727	0.21824	0.51201	0.5	0.5	0.49199
0.49888	0.59914	0.38072	0.47391	0.47479	0.48719
0.46028	0.5	0.5	0.5	0.55518	0.5
0.52357	0.5	1	0.50986	0.36088	0.5136
0.5	0.48767	0.52922	0.54751	0.45811	0.5459
0.5	0.3159	0.39207	0.35428	0.33964	0.27526
0.38799	0.41871	0.33572	0.42025	0.5	0.5
0.50848	0.50379	0.3519	0.53438	0.49778	0.51111
0.47872	0.49542	0.51634	0.5773	0.5458	0.55986
0.49907	0.41907	1	1	1	0.51116
0.52348	0.5	0.50147	0.48128	0.5	0.52999
0.50127	0.5	0.37153	0.35368	0.33333	0.43612
0.40384	0.29743	0.63267	0.47662	0.45554	0.50499
0.50223	0.5	0.54453	0.4675	0.57588	0.45317
0.5	0.5613	0.52598	0.51222	0.5499	0.55391
0.49439	0.51016	1	1	1	1
0.68241	0.50876	0.57721	0.65354	0.5	0.5
0.44378	0.41495	0.44787	0.28067	0.29832	0.28283
0.39051	0.53783	0.6052	0.56072	0.41715	0.42651
0.37723	0.55916	0.4709	0.5	0.42263	0.43923
0.49363	0.40284	0.49914	0.4911	0.47666	0.45835
0.58854	0.5	1	1	1	1
1	1	0.46149	0.5	0.38172	0.50335
0.54654	0.49123	0.53332	0.48222	0.55468	0.61871
0.68045	0.49725	0.5	0.5187	0.5	0.4799
0.67309	0.5	0.44492	0.26922	0.50784	0.51238
0.33317	0.47898	0.50466	0.66885	0.50175	0.53279
0.51926	0.53989	0.47787	1	1	1
1	1	1	0.47662	0.5	0.43275

1	1	1	1	1	1	1
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1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
gtSs=1	1	1	1	1	1	1
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1	1	1	1	1	1	1
1	1	0.41639	0.5212	0.32567	0.48958	
1	1	1	1	1	1	
1	1	1	1	1	1	
1	1	1	0	0.49747	0.5	
0.5	0.5	0.51805	0.5	1	1	
1	1	1	1	1	1	
1	1	1	1	1	1	
1	0	0	0.5	0.43478	0.61042	
0.50058	0.50173	0.50515	0.51762	0.5		1
1	1	1	1	1	1	
1	1	1	1	1	1	
1	1	0	0	0	0.73708	
0.32107	0.50026	0.5	0.5	0.54691	0.39456	
0.46722	0.5	1	1	1	1	
1	1	1	1	1	1	
1	1	1	1	1	1	
0	0	0	0	0.49053	0.5	
0.66871	0.49547	0.59411	0.5	0.55966	0.45613	
0.5	0.40933	1	1	1	1	
1	1	1	1	1	1	
1	1	1	1	1	1	
0	0	0	0	0	0	
0.54584	0.41418	0.54562	0.54346	0.51741	0.47281	
0.51514	0.5	0.51323	0.539	1	1	
1	1	1	1	1	1	
1	1	1	1	1	1	
1	1	1	0	0	0	
0	0	0	0.52137	0.5799	0.51226	
0.43667	0.44593	0.45694	0.5	0.5	0.51816	
0.5	0.48074	1	1	1	1	
1	1	1	1	1	1	
1	1	1	0.5356	0.4129	0.5378	
1	0	0	0	0	0	
0	0	0.43764	0.49022	0.48381	0.5	
0.44925	0.46075	0.51437	0.5	0.48946	0.45403	
0.53609	1	1	1	1	1	
1	1	1	1	1	1	

0.3751		0.5		0.5	0.49289	0.50019	0.53633
1	0		0		0	0	0
0	0	0.47104		0.45387	0.53684	0.47671	
0.5	0.5		0.5		0.5	0.47131	0.5
0.60105		1		1	1	1	1
1	1		1		1	0.5	0.51475
0.58933	0.49057			0.5	0.5	0.5	0.53533
0.49007		1		0	0	0	0
0	0		0	0.58695	0.51435	0.52313	
0.5	0.52544		0.5		0.5	0.61249	0.5
0.52734	0.50892		0.63984		1	1	1
1	1		1	0.45148	0.51093	0.53245	
0.49252	0.61239		0.51871	0.45183	0.50582	0.50539	
0.61197	0.50771		0.5		0	0	0
0	0		0	0	0.59367	0.5	
0.5	0.5		0.5	0.47904	0.43391	0.5	
0.47356		0.5	0.49871		0.5	1	1
1	0.46471	0.6203		0.4268	0.42866	0.51376	
0.48916		0.5		0.5	0.50932	0.51323	0.5
0.57138	0.53888		0.66143		0.51509	0	0
0	0		0		0	0	
0	0.49769		0.5	0.60241	0.48916	0.62986	
0.54474	0.54727			0.5	0.5	0.40029	0.47668
0.5	0.5	0.49343		0.48632		0.5	0.5
0.45947		0.5	0.53832	0.48601	0.41695		0.5
0.5	0.50064		0.5	0.39104	0.45662	0.52772	
0	0		0		0	0	
0	0		0	0.45723	0.53457	0.32749	
0.36822	0.34095		0.32365	0.30392	0.37539	0.31384	
0.33486	0.34264		0.53068	0.58766	0.44772	0.39907	
0.5	0.61547	0.53245		0.5	0.54407	0.38141	
0.48382		0.5	0.48767		0.5	0.52931	0.48345
0.5	0.47648		0		0	0	0
0	0		0		0	0	
0.33333	0.27992		0.37718	0.35236	0.37853	0.34865	
0.30737	0.27181		0.33333	0.47416	0.5	0.5256	
0.5777		0.5	0.48159	0.61288	0.64078	0.5	
0.59083	0.50862		0.5	0.52781	0.5881	0.44916	
0.42477		0.5	0.44304	0.50251	0	0	0
0	0		0		0	0	
0	0	0.24716		0.3146	0.33972	0.34187	
0.355	0.22844		0.3549	0.3493	0.39218	0.26614	
0.5	0.5	0.56107		0.45954	0.49138	0.49295	
0.50369	0.61805		0.5	0.50492	0.45317	0.51441	
0.48551		0.5	0.45513	0.44861	0.48857	0.57445	
0	0		0		0	0	
0	0		0		0	0.31304	
0.32854	0.33367		0.29179	0.3605	0.31962	0.30965	
0.31606	0.37395		0.49328	0.50486	0.49143	0.5	
0.44668		0.5	0.46082	0.48877	0.5224	0.53611	
0.62423		0.5	0.5	0.45389	0.57697	0.54479	
0.41879		0.5	0		0	0	0

0	0	0	0	0	0	0
0	0.3409	0.36416	0.28289	0.29709	0.22774	
0.40754	0.25088	0.33333	0.35873	0.59158	0.41645	
0.58855	0.47952	0.38408	0.50141	0.46883	0.58061	
0.42175	0.5	0.44344	0.49843	0.5	0.48707	
0.52217	0.56686	0.45108	0.5	0	0	
0	0	0	0	0	0	
0	0	0	0.30259	0.29549	0.27897	
0.35139	0.37101	0.33936	0.19201	0.36306	0.35101	
0.47494	0.5	0.42469	0.5	0.43818	0.54079	
0.56884	0.51193	0.5	0.43	0.50679	0.50193	
0.53075	0.58854	0.44718	0.5	0.5	0.5	
0	0	0	0	0	0	
0	0	0	0	0.33333	0.33148	
0.26164	0.33552	0.38697	0.2806	0.31994	0.35914	
0.33333	0.5	0.5	0.50405	0.50074	0.47053	
0.44952	0.4714	0.5	0.53419	0.52835	0.5	
0.5	0.47445	0.53871	0.65944	0.491	0.41173	
0	0	0	0	0	0	
0	0	0	0	0	0.38265	
0.37518	0.38557	0.33333	0.33333	0.35099	0.3338	
0.36672	0.26345	0.5	0.5	0.52083	0.49664	
0.49078	0.33496	0.5	0.4387	0.53371	0.47319	
0.55379	0.48183	0.49807	0.51279	0.5	0.49932	
0.5	0	0	0	0	0	
0	0	0	0	0	0	
0.35776	0.34816	0.41019	0.20069	0.33596	0.36312	
0.36136	0.39088	0.48799	0.5	0.5	0.50801	
0.50112	0.40086	0.61928	0.52609	0.52521	0.51281	
0.53972	0.5	0.5	0.5	0.44482	0.5	
0.47643	0.5	0	0	0	0	
0	0	0	0	0	0	
0	0.34205	0.29832	0.35428	0.34278	0.36521	
0.22403	0.18226	0.37794	0.57975	0.5	0.5	
0.49152	0.49621	0.6481	0.46562	0.50222	0.48889	
0.52128	0.50458	0.48366	0.4227	0.4542	0.44014	
0.50093	0.58093	0	0	0	0	
0	0	0	0	0	0	
0	0	0.37153	0.35368	0.33333	0.2588	
0.24147	0.35128	0.36733	0.52338	0.54446	0.49501	
0.49777	0.5	0.45547	0.5325	0.42412	0.54683	
0.5	0.4387	0.47402	0.48778	0.4501	0.44609	
0.50561	0.48984	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0.32234	0.42908	0.39802	
0.60949	0.46217	0.3948	0.43928	0.58285	0.57349	
0.62277	0.44084	0.5291	0.5	0.57737	0.56077	
0.50637	0.59716	0.50086	0.5089	0.52334	0.54165	
0.41146	0.5	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0.44532	0.38129	
0.31955	0.50275	0.5	0.4813	0.5	0.5201	

0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
gtSp=0		0	0	0	0	0
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0	0	0.58361	0.4788	0.67433	0.51042	
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	1	0.50253	0.5	
0.5	0.5	0.48195	0.5		0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	1	1	0.5	0.56522	0.38958	
0.49942	0.49827	0.49485	0.48238		0.5	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	1	1	1	0.26292	
0.67893	0.49974	0.5	0.5	0.45309	0.60544	
0.53278	0.5	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1	1	1	1	0.50947	0.5	
0.33129	0.50453	0.40589	0.5	0.44034	0.54387	
0.5	0.59067	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1	1	1	1	1	1	1
0.45416	0.58582	0.45438	0.45654	0.48259	0.52719	
0.48486	0.5	0.48677	0.461	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	1	1	1	1
1	1	1	0.47863	0.4201	0.48774	
0.56333	0.55407	0.54306	0.5	0.5	0.48184	
0.5	0.51926	0	0	0	0	0
0	0	0	0	0	0	0
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0.55075	0.53925	0.48563		0.5	0.51054	0.54597	
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1	1	0.52896	0.54613	0.46316	0.52329		
0.5	0.5	0.5	0.5	0.5	0.52869	0.5	
0.39895	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	1	1	1	1	1	1
1	1	1	0.41305	0.48565	0.47687		
0.5	0.47456	0.5	0.5	0.5	0.38751	0.5	
0.47266	0.49108	0.36016		0	0	0	0
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0.5	0.5	0.5	0.52096	0.56609	0.5	0.5	
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0.45526	0.45273	0.5	0.5	0.5	0.59971	0.52332	
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0.25143	0.34095	0.33818	0.34804	0.34759	0.41356		
0.33028	0.34264	0	0	0	0	0	0
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0.41857	0.3641	0.33333	0.22338	0	0	0	0
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0.55708	0.63489	0.33068	0.3427	0.32056	0.34187		
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0.33763	0.33266	0.3541	0.3605	0.34019	0.35153		

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0.5	0.5012	0.57671	0.46642	0.57995	0.53386	
0.5	0.49254	0.42423	0.48485	0.5015	0.43297	
0.45164	0.46959	0.51973	1	1	1	1
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0.38925	0.49756	0.57401	0.5	0.46803	0.48146	
0.5	0.49343	0.45415	0.50071	0.35089	1	
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0.51211	0.69906	0.5	0.5	0.51134	1	
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0.5	0.37727	0.5	0.5	0.50117	0.46685	
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0.52445	0.46583	1	1	1	1	1
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0.45615	0.52676	0.61455	0.5	0.49639	0.51694	
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0.49107	0.42592	0.43063	0.5	0.45563	0.43178	
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0.53957	0.44117	0.5	0.41995	0.5	0.50021	
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0.5	0.56155	0.5	0.48928	0.54939	0.5	
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0	0	0	0	0.50917	0.52604	
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0.45641	0.4759	0.51822	0.54398	1	1	1
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0.5194	0.60579	0.29155	0.5	0.5	0.55048	
0.4733	0.41112	0.54595	0.5	0	0	0
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0.65255	0.5	0.51506	0.51758	0.47199	0.49891	
0.5	0.58976	0.58542	0.50398	0.5	0.48099	
0.46512	0.5	0.71068	0.50163	0.45848	0.47882	
0.50665	0.50203	0.5	0.54322	0.64179	0.54974	
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0.33333	0.31158	0.27178	0.34677	0.2792	0.33333	
0.34573	0.27462	0.41484	0.48614	0.5	0.48725	
0.5	0.32534	0.4854	0.52514	0.44245	0.49573	
0.57564	0.43311	0.51553	0.49688	0.50683	0.44104	
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0	0	0	0	0	0	

0.33333	0.38517	0.33766	0.33333	0.33831	0.33333
0.37886	0.36768	0.36211	0.38585	0.5	0.34407
0.50683	0.5	0.52316	0.5	0.38865	0.49381
0.54496	0.49208	0.41347	0.49834	0.56235	0.51384
0.54383	0.55962	0.47749	0.57959	0	0
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0	0	0.27851	0.38436	0.33333	0.33202
0.34232	0.36289	0.3296	0.36604	0.39338	0.35004
0.5	0.61304	0.5	0.43409	0.35006	0.38903
0.4137	0.5	0.5	0.5	0.50874	0.5
0.50521	0.50061	0.5	0.47017	0.31154	0.54389
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0.35094	0.2939	0.50612	0.47544	0.5	0.47077
0.41026	0.53964	0.4692	0.34362	0.5179	0.46918
0.55223	0.40009	0.45788	0.51825	0.46595	0.49909
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0.33333	0.33333	0.33333	0.33333	0.49076	0.45535
0.54022	0.5	0.5	0.52088	0.60745	0.51364
0.45957	0.5	0.48703	0.44705	0.5	0.47963
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0.22155	0.36743	0.33708	0.33333	0.37892	0.33333
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0.46364	0.5024	0.59685	0.48494	0.52903	0.42602
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0.35152	0.33273	0.37505	0.33333	0.24235	0.30211
0.34571	0.53234	0.49163	0.4658	0.4281	0.4964
0.5	0.47833	0.43295	0.49325	0.52747	0.49518
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0.51495	0.59872	0.51422	0.40555	0.5	0.37421
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0.31057	0.30954	0.33523	0.3184	0.33333	0.30171
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0.51486	0.59343	0.5002	0.54963	0.50661	0.4989
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0.33726	0.35539	0.32714	0.44848	0.5	0.66983

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0.33838	0.3316	0.44642	0.5	0.5	0.60328
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0.50909	0.5	0.52628	0.33948	0.5	0.5
0.50732	0.44732	1	1	1	1
0.52103	0.5	0.60017	0.54755	0.5	0.5
0.5	0.5	0.5	0.36817	0.282	0.34995
0.48826	0.5	0.4601	0.54027	0.4705	0.62429
0.54084	0.47939	0.5	0.5	0.5	0.5
0.52109	0.35258	0.5003	0.40036	0.5	0.42149
0.5	0.55536	1	1	1	1
1	1	0.5	0.49192	0.38241	0.5105
0.45211	0.5	0.38901	0.4831	0.5	0.55473
0.53201	0.6056	0.59459	0.53767	0.45708	0.45828
0.4588	0.52007	0.32922	0.67042	0.37071	0.47436
0.5	0.53644	0.5	0.44708	0.49797	0.52102
0.52157	0.40909	0.5	1	1	1
1	1	1	0.49348	0.5	0.62486
0.4567	0.54933	1	1	0.449	0.47658
0.43828	0.5	0.5	0.46881	0.55145	0.52092
0.52486	0.454	0.56766	0.42881	0.45759	0.46864
0.652	0.56728	0.44835	0.46177	0.54074	0.5755
0.5139	1	1	1	1	1
1	1	1	1	1	0.50684
0.5	1	1	1	1	0.43978
0.51421	0.54258	0.48775	0.5	0.50285	0.6063
0.40998	0.45427	0.46203	0.42881	0.55452	0.5
0.47741	0.5	0.48833	0.53565	0.53573	0.55342
1	1	1	1	1	1
1	1	1	1	1	1
1	1	1	1	1	0.44529
0.5	0.42246	0.51976	0.5	0.52067	0.5

1	1	1	1	1	1	1
1	1	0.50207	0.40829	0.38328	0.54994	
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1	1	1	1	1	1	
1	1	1	0	0.45469	0.48074	
0.51895	0.54355	0.46843	0.42607		1	1
1	1	1	1	1	1	
1	1	1	1	1	1	
1	0	0	0.46656	0.5	0.47207	
0.37308	0.44404	0.39438	0.39568	0.42568		1
1	1	1	1	1	1	
1	1	1	1	1	1	
1	1	0	0	0	0.5	
0.5	0.48752	0.5	0.5	0.56048	0.43555	
0.50089	0.5	1	1	1	1	1
1	1	1	1	1	1	
1	1	1	1	1	1	
0	0	0	0	0.52099	0.5	
0.51519	0.46038	0.5	0.51167	0.43167	0.47268	
0.54606	0.54996	1	1	1	1	1
1	1	1	1	1	1	
1	1	1	1	1	1	
0	0	0	0	0	0	
0.54309	0.47991	0.48613	0.49144	0.5	0.48666	
0.51563	0.43449	0.50499	0.50461	1	1	1
1	1	1	1	1	1	
1	1	1	1	1	1	
1	1	1	0	0	0	
0	0	0	0.44225	0.50346	0.54333	
0.5	0.44084	0.68603	0.56744	0.43661	0.50877	
0.47318	0.60787	1	1	1	1	1
1	1	1	1	1	1	
1	1	1	0.45354	0.5	0.60724	
1	0	0	0	0	0	
0	0	0.49005	0.5	0.5	0.56446	
0.51202	0.5	0.43494	0.5	0.54847	0.64762	
0.54	1	1	1	1	1	1
1	1	1	1	1	1	
0.55416	0.53617	0.5	0.48887	0.43238	0.46652	
1	0	0	0	0	0	
0	0	0.48918	0.6528	0.5042	0.39564	
0.5	0.52547	0.46367	0.49272	0.39506	0.53249	
0.36445	1	1	1	1	1	1
1	1	1	1	0.5	0.61675	
0.45522	0.5	0.46629	0.71856	0.5	0.50148	
0.50271	1	0	0	0	0	0
0	0	0	0.38981	0.63274	0.48456	
0.5	0.63986	0.50189	0.55684	0.5	0.63469	
0.49983	0.58084	0.5	1	1	1	1
1	1	1	0.71107	0.51201	0.5317	
0.47838	0.5	0.5	0.50463	0.5	0.54085	
0.47689	0.24039	0.5	0	0	0	0

0	0	0	0	0.53018	0.49793	
0.49869	0.52717	0.30603	0.48818	0.524	0.5599	
0.5	0.49519	0.5	0.52211	1	1	
1	0.3656	0.49053	0.49927	0.52791	0.38416	
0.53964	0.42613	0.42369	0.38566	0.65819	0.4114	
0.51955	0.52919	0.44989	0.48254	0	0	
0	0	0	0	0	0	
0	0.5	0.48915	0.53103	0.50502	0.39447	
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0.5	0.46553	0.54093	0.48767	0.46762	0.5	
0.54039	0.5	0.57006	0.45837	0.48842	0.51308	
0.46511	0.50432	0.54696	0.62369	0.49991	0.56425	
0	0	0	0	0	0	
0	0	0	0.54867	0.43191	0.34423	
0.36777	0.284	0.3782	0.34098	0.40604	0.36274	
0.35455	0.37227	0.57925	0.5	0.52587	0.49051	
0.32609	0.46367	0.64834	0.384	0.52796	0.51363	
0.44269	0.5	0.46833	0.5	0.5	0.5	
0.38846	0.55136	0	0	0	0	
0	0	0	0	0	0	
0.34696	0.33686	0.34588	0.31156	0.41223	0.37962	
0.33333	0.22085	0.46623	0.37714	0.5	0.42444	
0.49616	0.51519	0.50602	0.50081	0.5	0.41187	
0.43886	0.5	0.5	0.47501	0.51251	0.5	
0.58647	0.49317	0.52661	0.48411	0	0	
0	0	0	0	0	0	
0	0	0.23814	0.35364	0.34197	0.33333	
0.31203	0.35148	0.37652	0.34664	0.32423	0.38032	
0.51235	0.53461	0.54786	0.5281	0.5	0.5	
0.42129	0.56528	0.49744	0.43007	0.50538	0.52134	
0.53916	0.4319	0.5	0.54503	0.47947	0.5	
0	0	0	0	0	0	
0	0	0	0	0	0.38617	
0.33333	0.33783	0.32102	0.21205	0.25706	0.25428	
0.2876	0.33333	0.62073	0.39689	0.36339	0.49933	
0.5	0.46933	0.51584	0.62596	0.5521	0.58962	
0.50625	0.5	0.5	0.5	0.46332	0.50152	
0.49051	0.48044	0	0	0	0	
0	0	0	0	0	0	
0	0.34781	0.31593	0.3511	0.33867	0.27313	
0.33462	0.20273	0.3512	0.20192	0.5558	0.5	
0.49541	0.68998	0.45855	0.38447	0.50722	0.39428	
0.56287	0.51424	0.43961	0.47465	0.42322	0.5	
0.56317	0.5	0.49209	0.41644	0	0	
0	0	0	0	0	0	
0	0	0	0.33333	0.31893	0.34402	
0.38253	0.3598	0.30878	0.27058	0.33333	0.3863	
0.35837	0.47171	0.4781	0.5	0.46528	0.57802	
0.45581	0.59882	0.56617	0.5	0.5	0.5	
0.5	0.51347	0.40591	0.46852	0.43996	0.45105	
0	0	0	0	0	0	
0	0	0	0	0.35364	0.33892	

0.31498	0.33333	0.38541	0.39357	0.25673	0.33333
0.33333	0.46806	0.5	0.58024	0.50987	0.49405
0.38412	0.5	0.46411	0.44825	0.5	0.53328
0.52448	0.47766	0.5	0.62083	0.5	0.5
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0	0	0	0	0	0.33333
0.34599	0.34495	0.28314	0.2987	0.38411	0.35959
0.33333	0.3388	0.5	0.47508	0.40055	0.5
0.55878	0.61939	0.48093	0.53021	0.5	0.46809
0.44497	0.49766	0.5	0.57245	0.43718	0.40641
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0	0	0	0	0	0
0.41469	0.33439	0.38592	0.34311	0.27178	0.33333
0.26424	0.32092	0.4931	0.3174	0.5	0.50182
0.51642	0.5	0.43918	0.50385	0.5	0.48916
0.4663	0.68423	0.58141	0.56199	0.5	0.59077
0.5	0.47029	0	0	0	0
0	0	0	0	0	0
0	0.31479	0.33865	0.24998	0.33871	0.28763
0.32337	0.31475	0.338	0.5	0.55559	0.50742
0.46969	0.5	0.51038	0.502	0.55126	0.5044
0.5	0.5899	0.47965	0.5	0.45569	0.5
0.5	0.42897	0	0	0	0
0	0	0	0	0	0
0	0	0.29025	0.30637	0.33333	0.30787
0.23827	0.30641	0.53707	0.5	0.5	0.50646
0.5	0.43957	0.48211	0.44262	0.71965	0.47092
0.49091	0.5	0.47372	0.66052	0.5	0.5
0.49268	0.55268	0	0	0	0
0	0	0	0	0	0
0	0	0	0.26367	0.359	0.30011
0.51174	0.5	0.5399	0.45973	0.5295	0.37571
0.45916	0.52061	0.5	0.5	0.5	0.5
0.47891	0.64742	0.4997	0.59964	0.5	0.57851
0.5	0.44464	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0.5	0.44527
0.46799	0.3944	0.40541	0.46233	0.54292	0.54172
0.5412	0.47993	0.67078	0.32958	0.62929	0.52564
0.5	0.46356	0.5	0.55292	0.50203	0.47898
0.47843	0.59091	0.5	0	0	0
0	0	0	0	0	0
0	0	0	0	0.551	0.52342
0.56172	0.5	0.5	0.53119	0.44855	0.47908
0.47514	0.546	0.43234	0.57119	0.54241	0.53136
0.348	0.43272	0.55165	0.53823	0.45926	0.4245
0.4861	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0.56022
0.48579	0.45742	0.51225	0.5	0.49715	0.3937
0.59002	0.54573	0.53797	0.57119	0.44548	0.5
0.52259	0.5	0.51167	0.46435	0.46427	0.44658

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0	0	0	1	0.54531	0.51926	
0.48105	0.45645	0.53157	0.57393		0	0
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0	0	0	0	0	0	
0	1	1	0.53344	0.5	0.52793	
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0.49911	0.5		0	0	0	0
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0	0	0	0	0	0	
1	1	1	1	0.47901	0.5	
0.48481	0.53962		0.5	0.48833	0.56833	0.52732
0.45394	0.45004		0	0	0	0
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0	0	0	0	0	0	
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0.45691	0.52009	0.51387	0.50856		0.5	0.51334
0.48437	0.56551	0.49501	0.49539		0	0
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	1	1	1	1
1	1	1	0.55775	0.49654	0.45667	
0.5	0.55916	0.31397	0.43256	0.56339	0.49123	
0.52682	0.39213		0	0	0	0
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0	0	0	0	0	0	
0	1	1	1	1	1	1
1	1	0.50995	0.5	0.5	0.43554	
0.48798		0.5	0.56506	0.5	0.45153	0.35238
0.46	0	0	0	0	0	0
0	0	0	0	0	0	
0	0	0	0	0	0	
0	1	1	1	1	1	1
1	1	0.51082	0.3472	0.4958	0.60436	
0.5	0.47453	0.53633	0.50728	0.60494	0.46751	
0.63555		0	0	0	0	0
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	1	1	1	1	1
1	1	1	0.61019	0.36726	0.51544	
0.5	0.36014	0.49811	0.44316	0.5	0.36531	

0.50017	0.41916	0.5	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	1	1	1
1	1	1	1	0.46982	0.50207
0.50131	0.47283	0.69397	0.51182	0.476	0.4401
0.5	0.50481	0.5	0.47789	0	0
0	0	0	0	0	0
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0	0	0	0	1	1
1	1	1	1	1	1
1	0.5	0.51085	0.46897	0.49498	0.60553
0.5	0.5	0.5	0.53135	0.57289	0.55862
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0	0	0	0	0	0
1	1	1	1	1	1
1	1	1	0.45133	0.56809	0.34423
0.26447	0.358	0.23253	0.33081	0.22976	0.40174
0.32491	0.25546	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	1	1	1	1
1	1	1	1	1	0.49021
0.34696	0.35989	0.34588	0.31053	0.27211	0.29083
0.33333	0.42392	0.29093	0.24572	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	1	1
1	1	1	1	1	0.4148
0.49139	0.5	0.38093	0.29273	0.34197	0.33333
0.34399	0.33605	0.38775	0.34664	0.33788	0.23935
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
1	1	1	1	1	1
0.4546	0.49276	0.48531	0.60041	0.5	0.38617
0.33333	0.2897	0.31186	0.39398	0.37707	0.39523
0.3562	0.33333	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	1	1	1	1
1	0.48263	0.42202	0.5	0.50852	0.45162
0.44273	0.30439	0.31724	0.3166	0.29344	0.36881
0.34509	0.39226	0.3512	0.40682	0	0
0	0	0	0	0	0
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0	0	0	0	1	1
1	0.52028	0.35146	0.5	0.41195	0.5
0.48267	0.50157	0.595	0.33333	0.33667	0.24428
0.38253	0.29705	0.34737	0.36471	0.33333	0.30929
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gtTCf=

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0.040498
0.040102

gtTCs=

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0.11324
0.10979
0.10696

gtTCp=

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1.5979
1.1196

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0.43538
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0.38239
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0.35753

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1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	0.58718	0.60442	0.4756	0.46726	
1	1	1	1	1	1	1
1	1	1	1	1	1	1

1	1	1	0	0.49985	0.54023		
0.5	0.47075	0.4906	0.4873	1	1		
1	1	1	1	1	1		
1	1	1	1	1	1		
1	0	0	0.56415	0.5	0.56422		
0.5	0.59727	0.51184	0.52698	0.5	1		
1	1	1	1	1	1		
1	1	1	1	1	1		
1	1	0	0	0	0.55576		
0.46039	0.33538	0.51971		0.5	0.5	0.55644	
0.51015	0.5295	1		1	1	1	
1	1	1	1	1	1	1	
1	1	1	1	1	1	1	
0	0	0	0	0.5	0.5		
0.5	0.50364	0.41142	0.52453	0.53883	0.57751		
0.48451	0.56244	1	1	1	1	1	
1	1	1	1	1	1	1	
1	1	1	1	1	1	1	
0	0	0	0	0	0	0	
0.45162	0.46919	0.47308	0.52782	0.58663	0.43053		
0.5	0.54112	0.47976	0.37899	1	1		
1	1	1	1	1	1		
1	1	1	1	1	1		
1	1	1	0	0	0		
0	0	0	0.38132	0.53967	0.56398		
0.43463	0.5	0.48589	0.46783	0.50957	0.57875		
0.42412	0.51065	1	1	1	1	1	
1	1	1	1	1	1	1	
1	1	1	0.45452	0.5	0.55357		
1	0	0	0	0	0		
0	0	0.5747	0.36124	0.50328	0.38784		
0.50437	0.50183	0.51581		0.5	0.5	0.5	
0.47753	1	1	1	1	1	1	
1	1	1	1	1	1	1	
0.5	0.61078	0.5	0.44868	0.5	0.45773		
1	0	0	0	0	0		
0	0	0.48395	0.40553	0.5	0.48388		
0.5	0.36406	0.53974	0.55147	0.48836	0.52247		
0.5	1	1	1	1	1	1	
1	1	1	1	0.5	0.53831		
0.44927	0.44174		0.5	0.45426	0.54238	0.48675	
0.44664	1		0	0	0	0	
0	0	0	0.48334	0.51611	0.48007		
0.42078	0.56869	0.45463	0.56262	0.51199	0.5715		
0.5708	0.47177	0.5	1	1	1	1	
1	1	1	0.50715	0.5	0.58853		
0.43894	0.5	0.50572	0.43071	0.39703	0.44744		
0.5	0.43354	0.53261	0	0	0		
0	0	0	0	0.44313	0.48312		
0.5	0.5	0.53759	0.45775	0.38338	0.49915		
0.4128	0.4674	0.45806	0.42736	1	1	1	
1	0.5	0.32342	0.4941	0.38207	0.5		

0.53381	0.51836	0.5	0.47531	0.40614	0.49725
0.53765	0.46783	0.5	0.5	0	0
0	0	0	0	0	0
0	0.50767	0.44373	0.45444	0.41638	0.51335
0.45597	0.5	0.5	0.37438	0.5	0.53195
0.5	0.43923	0.5	0.48084	0.58055	0.5
0.43654	0.5016	0.5255	0.5	0.51183	0.59888
0.46642	0.54693	0.45232	0.5	0.43409	0.5
0	0	0	0	0	0
0	0	0	0.56164	0.49506	0.33333
0.34312	0.224	0.10316	0.29468	0.33333	0.33333
0.33729	0.31554	0.5	0.5	0.56534	0.5
0.5	0.48696	0.5	0.52299	0.5	0.5
0.47089	0.4915	0.53823	0.41331	0.5	0.49422
0.5	0.5	0	0	0	0
0	0	0	0	0	0
0.35344	0.42515	0.33333	0.33333	0.34335	0.1976
0.36984	0.42831	0.33333	0.34389	0.50547	0.55393
0.5424	0.48795	0.41345	0.53785	0.56273	0.5
0.49607	0.55791	0.27645	0.5	0.48072	0.5
0.4915	0.5	0.50515	0.49891	0	0
0	0	0	0	0	0
0	0	0.4122	0.3716	0.33333	0.39744
0.34023	0.33333	0.28624	0.33333	0.31787	0.334
0.48163	0.52506	0.58831	0.53588	0.5453	0.54699
0.5	0.45577	0.5	0.48837	0.5	0.50752
0.5	0.61866	0.44061	0.52	0.52969	0.63518
0	0	0	0	0	0
0	0	0	0	0	0.30147
0.37186	0.33159	0.40958	0.33333	0.33333	0.33333
0.33333	0.26531	0.45787	0.5	0.59351	0.47186
0.5	0.55903	0.47189	0.5	0.42247	0.73096
0.51551	0.57886	0.5	0.46575	0.43702	0.45108
0.5	0.51066	0	0	0	0
0	0	0	0	0	0
0	0.26026	0.31739	0.30264	0.29147	0.35383
0.15359	0.30433	0.26797	0.45818	0.48814	0.56067
0.65186	0.45157	0.53924	0.49484	0.5	0.5
0.53688	0.5	0.53539	0.51883	0.5076	0.47224
0.5242	0.50299	0.5	0.69018	0	0
0	0	0	0	0	0
0	0	0	0.20541	0.31964	0.36389
0.33333	0.29258	0.28469	0.35006	0.36097	0.33633
0.59242	0.50575	0.4854	0.5	0.50807	0.49555
0.5	0.43881	0.5	0.52723	0.5	0.40943
0.49844	0.5	0.50313	0.5	0.50201	0.5
0	0	0	0	0	0
0	0	0	0	0.33333	0.29074
0.35544	0.35349	0.23387	0.27795	0.27844	0.35125
0.33947	0.48648	0.5	0.4286	0.43512	0.49111
0.49043	0.47162	0.5983	0.56006	0.51586	0.45419
0.52155	0.5208	0.51866	0.4941	0.48625	0.5

0	0	0	0	0	0	0
0	0	0	0	0	0.33333	
0.30656	0.23362	0.33443	0.3523	0.34116	0.33626	
0.25367	0.2659	0.46097	0.36467	0.45886	0.5	
0.72166	0.27519	0.55925	0.46149	0.5	0.56397	
0.47911	0.50966	0.46579	0.5	0.55833	0.50388	
0.5	0	0	0	0	0	
0	0	0	0	0	0	
0.31164	0.33333	0.34332	0.33302	0.28726	0.38105	
0.33464	0.32967	0.5	0.5	0.46242	0.59134	
0.53459	0.4482	0.5	0.53153	0.35302	0.58541	
0.51918	0.51431	0.50984	0.5	0.5	0.5	
0.50637	0.5	0	0	0	0	
0	0	0	0	0	0	
0	0.36939	0.3558	0.40602	0.36095	0.35095	
0.41012	0.35959	0.36792	0.5	0.48653	0.53925	
0.52553	0.5	0.45067	0.44748	0.47127	0.56832	
0.5	0.5	0.5	0.42302	0.47768	0.5	
0.50104	0.54162	0	0	0	0	
0	0	0	0	0	0	
0	0	0.19837	0.34846	0.33712	0.35179	
0.42577	0.33333	0.5	0.57715	0.48663	0.52425	
0.50559	0.44969	0.5	0.43012	0.4793	0.43388	
0.50026	0.50254	0.59467	0.5625	0.52412	0.52761	
0.4572	0.48398	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0.33333	0.33909	0.33139	
0.54234	0.49616	0.72752	0.58689	0.54318	0.5151	
0.46687	0.4768	0.56239	0.5	0.48459	0.5441	
0.5	0.52393	0.47249	0.53844	0.5	0.56333	
0.4918	0.36967	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0.51907	0.39813	
0.48489	0.49496	0.5	0.5546	0.68236	0.44219	
0.49204	0.5	0.45025	0.5251	0.5	0.48606	
0.45051	0.5	0.48729	0.5	0.45499	0.5	
0.5664	0.63692	0.57377	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0.5	0.5761	
0.5	0.52604	0.48049	0.46735	0.5	0.46294	
0.46059	0.50006	0.56186	0.5	0.49039	0.55323	
0.49854	0.64725	0.34576	0.5	0.52234	0.62736	
0.47758	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0.47727	
0.5	0.31178	0.58629	0.42237	0.51827	0.50431	
0.47643	0.54546	0.57789	0.5	0.46294	0.62695	
0.5	0.65074	0.42728	0.47263	0.51718	0.51461	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0.47339	
0.6104	0.57878	0.41417	0.61701	0.5	0.5	

0	0	0	0	0	0	0
0	0	0.41282	0.39558	0.5244	0.53274	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	1	0.50015	0.45977	
0.5	0.52925	0.5094	0.5127	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	1	1	0.43585	0.5	0.43578	
0.5	0.40273	0.48816	0.47302	0.5	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	1	1	1	0.44424	
0.53961	0.66462	0.48029		0.5	0.5	0.44356
0.48985	0.4705	0		0	0	0
0	0	0	0	0	0	
0	0	0	0	0	0	
1	1	1	1	0.5	0.5	
0.5	0.49636	0.58858	0.47547	0.46117	0.42249	
0.51549	0.43756		0	0	0	0
0	0	0	0	0	0	
0	0	0	0	0	0	
1	1	1	1	1	1	
0.54838	0.53081	0.52692	0.47218	0.41337	0.56947	
0.5	0.45888	0.52024	0.62101	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	1	1	1	
1	1	1	0.61868	0.46033	0.43602	
0.56537		0.5	0.51411	0.53217	0.49043	0.42125
0.57588	0.48935		0	0	0	0
0	0	0	0	0	0	
0	0	0	0	0	0	
0	1	1	1	1	1	
1	1	0.4253	0.63876	0.49672	0.61216	
0.49563	0.49817	0.48419		0.5	0.5	0.5
0.52247		0	0	0	0	0
0	0	0	0	0	0	
0	0	0	0	0	0	
0	1	1	1	1	1	
1	1	0.51605	0.59447	0.5	0.51612	
0.5	0.63594	0.46026	0.44853	0.51164	0.47753	
0.5	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	1	1	1	1	
1	1	1	0.51666	0.48389	0.51993	
0.57922	0.43131	0.54537	0.43738	0.48801	0.4285	
0.4292	0.52823	0.5	0	0	0	0
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	1	1	1	

1	1	1	1	0.55687	0.51688
0.5	0.5	0.46241	0.54225	0.61662	0.50085
0.5872	0.5326	0.54194	0.57264	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	1	1
1	1	1	1	1	1
1	0.49233	0.55627	0.54556	0.58362	0.48665
0.54403	0.5	0.5	0.62562	0.5	0.46805
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
1	1	1	1	1	1
1	1	1	0.43836	0.50494	0.33333
0.31375	0.36362	0.49499	0.33276	0.33333	0.33333
0.33729	0.34223	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	1	1	1	1
1	1	1	1	1	0.50322
0.32547	0.24596	0.33333	0.33333	0.34335	0.4012
0.27484	0.18083	0.33333	0.31598	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	1	1
1	1	1	1	1	0.54291
0.55845	0.50453	0.25412	0.42419	0.33333	0.27971
0.31954	0.33333	0.35688	0.33333	0.34106	0.33201
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
1	1	1	1	1	1
0.47047	0.63003	0.43232	0.55338	0.41957	0.34926
0.32257	0.33421	0.19337	0.33333	0.33333	0.33333
0.33333	0.36291	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	1	1	1	1
1	0.5	0.50339	0.58901	0.5	0.5
0.48105	0.36987	0.32374	0.35171	0.34184	0.29234
0.42321	0.32396	0.30453	0.19727	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	1	1
1	0.40755	0.5	0.5141	0.40943	0.42188
0.47245	0.45095	0.50828	0.37226	0.33304	0.22598
0.33333	0.29938	0.3651	0.35006	0.37908	0.33459
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
1	0.5	0.5	0.5	0.51219	0.5097
0.47768	0.5	0.5	0.5	0.55898	0.33333
					0.32302

0.35544	0.29301	0.39754	0.35725	0.36154	0.35125
0.28066	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0.5	0.398	0.5	0.5	0.5
0.47529	0.5	0.5	0.31702	0.59166	0.33333
0.35236	0.38319	0.33443	0.22708	0.34088	0.30316
0.3537	0.39698	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0.64531	0.49428	0.49189	0.49794
0.67696	0.54946	0.48656	0.5	0.34112	0.53646
0.34893	0.33333	0.31335	0.29204	0.35637	0.38105
0.33875	0.31587	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0.54685	0.37702	0.54897
0.51432	0.48121	0.57954	0.45335	0.45441	0.46498
0.5	0.32168	0.3558	0.34265	0.2781	0.35095
0.23284	0.31632	0.33689	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0.58458
0.37994	0.44837	0.5	0.43484	0.48254	0.5
0.44211	0.59117	0.40081	0.28429	0.32577	0.29642
0.32054	0.33333	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0.49035	0.47602	0.5	0.54767	0.53027	0.48932
0.49853	0.46035	0.5	0.33333	0.33909	0.36325
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0.5	0.37386	0.5	0.4814
0.4444	0.64901	0.58674	0.29517	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0.54815	0.34312	0.5
0.5118	0.4549	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0.5
0.5	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0

0 0 0 0 0 0
0

gtTCf=

0
0.11925
0.14534
0.13574
0.11593
0.096197
0.079948
0.067704
0.058926
0.052819
0.048646
0.045817
0.043898
0.042582
0.041662
0.040998
0.040498
0.040102

gtTCs=

0
0.1431
0.20732
0.22864
0.22778
0.21648
0.20118
0.18528
0.17042
0.1573
0.14609
0.13672
0.12898
0.12264
0.11746
0.11324
0.10979
0.10696

gtTCp=

0
2.385
1.5979
1.1196
0.8287
0.65143
0.54309
0.47655

0.43538
0.4096
0.39316
0.38239
0.37506
0.36982
0.36585
0.36266
0.35995
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0.60726	0.41241	0.59118	0.5	0.5	0.55047
0.45859	0.49929	0.48164	0.46153	0.51583	0.50318
0.50251	0.5	0.55028	0.47691	0.51884	0.31824
0.57687	0.49392	0.5	1	1	1
1	1	1	0.48931	0.51802	0.5
0.43278	0.5	1	1	0.56676	0.53575
0.53182	0.50779	0.53679	0.5	0.49251	0.5
0.52155	0.47282	0.48458	0.5	0.53857	0.60452
0.43809	0.436	0.38469	0.5	0.44838	0.5
0.5	1	1	1	1	1
1	1	1	1	1	0.44974
0.47747	1	1	1	1	0.5087
0.5	0.54631	0.44851	0.55075	0.40081	0.48689
0.54337	0.5	0.49638	0.48036	0.39925	0.45674
0.5	0.54328	0.55434	0.5	0.46298	0.52429
1	1	1	1	1	1
1	1	1	1	1	1
1	1	1	1	1	0.5
0.53601	0.5	0.5	0.52829	0.5	0.47724
0.52247	0.5	0.38797	0.56495	0.44273	0.49164

1	1	0.5	0.64461	0.57444	0.55629	
1	1	1	1	1	1	
1	1	1	1	1	1	
1	1	1	0	0.41079	0.55446	
0.44996	0.55644	0.5	0.49659		1	1
1	1	1	1	1	1	
1	1	1	1	1	1	
1	0	0	0.53247	0.34808	0.49529	
0.48233	0.39892	0.34138	0.53793	0.44239		1
1	1	1	1	1	1	
1	1	1	1	1	1	
1	1	0	0	0	0.47124	
0.55792	0.45959	0.4019	0.60403		0.5	0.52563
0.44276	0.5	1	1	1	1	1
1	1	1	1	1	1	
1	1	1	1	1	1	
0	0	0	0	0.5	0.5	0.5
0.49095	0.51536	0.4116		0.5	0.51936	0.5
0.44619	0.47563	1		1	1	1
1	1	1	1	1	1	
1	1	1	1	1	1	
0	0	0	0	0	0	
0.5	0.52101	0.55424	0.50117	0.51471		0.5
0.51297		0.5	0.49215	0.43785	1	1
1	1	1	1	1	1	
1	1	1	1	1	1	
1	1	1	0	0	0	
0	0	0	0.53762	0.456	0.50768	
0.5	0.5675	0.5	0.54921	0.72656	0.54783	
0.44906	0.5		1	1	1	1
1	1	1	1	1	1	
1	1	1	0.5	0.33229	0.60002	
1	0	0	0	0	0	
0	0	0.5	0.50049	0.50129	0.55446	
0.51426		0.5	0.58112	0.5	0.45363	0.45385
0.46534		1	1	1	1	1
1	1	1	1	1	1	
0.48058	0.43227	0.5738	0.28168	0.42959	0.51184	
1	0	0	0	0	0	
0	0	0.47146	0.46266	0.5	0.5	
0.58736	0.54818	0.56718	0.52179	0.4409	0.35145	
0.55305		1	1	1	1	1
1	1	1	1	0.39909	0.50833	
0.48839	0.41828	0.62193	0.44023		0.5	0.5
0.64439		1	0	0	0	0
0	0	0	0.33206	0.51218	0.49852	
0.5	0.47755	0.45008	0.47003	0.47987	0.49462	
0.55612	0.5207		0.5	1	1	1
1	1	1	0.57168	0.48403	0.48193	
0.5306	0.50408	0.45665	0.53542	0.54532	0.52923	
0.5	0.49439	0.5	0	0	0	
0	0	0	0	0.6163	0.60815	

0.64255	0.48212	0.5	0.5	0.53129	0.5
0.51981	0.55202	0.51183	0.39454	1	1
1	0.57087	0.51002	0.53771	0.49011	0.38351
0.62078	0.44131	0.42778	0.5	0.46551	0.5
0.5	0.52375	0.40509	0.5325	0	0
0	0	0	0	0	0
0	0.50281	0.54925	0.5145	0.52108	0.59692
0.5	0.46089	0.34493	0.49287	0.55843	0.57496
0.55461	0.36742	0.45438	0.53853	0.47205	0.46967
0.48566	0.5	0.46301	0.49838	0.44899	0.49898
0.5128	0.5	0.4976	0.50608	0.45177	0.43321
0	0	0	0	0	0
0	0	0	0.52496	0.5	0.33333
0.3156	0.28396	0.33333	0.34259	0.33333	0.29296
0.3521	0.33087	0.5	0.47591	0.52434	0.5082
0.52789	0.43117	0.5	0.36055	0.55589	0.42777
0.57726	0.52529	0.5	0.46829	0.5	0.57144
0.53708	0.48109	0	0	0	0
0	0	0	0	0	0
0.25117	0.32075	0.2973	0.27548	0.32002	0.34695
0.34078	0.35228	0.32538	0.34398	0.58071	0.35949
0.5	0.41148	0.54829	0.50381	0.5	0.36227
0.48642	0.49688	0.68812	0.47957	0.5	0.47361
0.61404	0.56436	0.5	0.47561	0	0
0	0	0	0	0	0
0	0	0.30521	0.21024	0.42836	0.30778
0.33767	0.28799	0.38832	0.34627	0.34696	0.35819
0.50695	0.5	0.47835	0.47415	0.45058	0.43297
0.58558	0.54742	0.49573	0.49422	0.46761	0.5
0.5	0.5	0.55298	0.5	0.37594	0.47266
0	0	0	0	0	0
0	0	0	0	0	0.34251
0.29369	0.25974	0.28997	0.32313	0.35847	0.23071
0.33325	0.33967	0.63261	0.48058	0.5	0.59921
0.41	0.55822	0.5	0.49149	0.45539	0.47479
0.5	0.50002	0.58104	0.48114	0.44852	0.56977
0.60138	0.5	0	0	0	0
0	0	0	0	0	0
0	0.32386	0.39046	0.31989	0.29384	0.33333
0.33333	0.37236	0.349	0.36755	0.48463	0.5
0.5	0.57226	0.46771	0.5	0.5	0.4083
0.61538	0.50391	0.55578	0.42095	0.4585	0.64746
0.44928	0.44493	0.5	0.43205	0	0
0	0	0	0	0	0
0	0	0	0.35994	0.34149	0.30779
0.35018	0.32103	0.41327	0.29472	0.34855	0.36429
0.39851	0.40111	0.5133	0.58143	0.5	0.5
0.53762	0.5	0.39532	0.51635	0.44959	0.5153
0.59493	0.50383	0.51841	0.50107	0.49959	0.5
0	0	0	0	0	0
0	0	0	0	0.33333	0.48091
0.26926	0.34607	0.33743	0.34211	0.34326	0.41113

0.33455	0.5	0.49486	0.41892	0.5	0.5
0.45303	0.43734	0.59009	0.60469	0.41098	0.5
0.5	0.44051	0.53086	0.41451	0.56573	0.65642
0	0	0	0	0	0
0	0	0	0	0	0.17167
0.26329	0.32473	0.33333	0.37913	0.33296	0.35275
0.33206	0.39094	0.5	0.46384	0.54335	0.5
0.58844	0.4741	0.48239	0.5	0.52723	0.5
0.5	0.39375	0.342	0.5	0.5	0.43393
0.43385	0	0	0	0	0
0	0	0	0	0	0
0.33333	0.39095	0.29092	0.33164	0.36787	0.33333
0.35004	0.25441	0.43001	0.46359	0.44274	0.44421
0.5	0.5	0.54868	0.5	0.53689	0.44798
0.82303	0.4424	0.56223	0.5514	0.51214	0.37722
0.5	0.5	0	0	0	0
0	0	0	0	0	0
0	0.33333	0.2698	0.33791	0.37564	0.34291
0.38965	0.22085	0.30768	0.42064	0.4628	0.59469
0.5	0.28723	0.54917	0.5	0.59816	0.45747
0.59848	0.55094	0.61431	0.53735	0.45631	0.5
0.43532	0.42292	0	0	0	0
0	0	0	0	0	0
0	0	0.34602	0.37614	0.33498	0.26036
0.30202	0.32677	0.51616	0.5	0.5	0.427
0.50625	0.55696	0.38873	0.5	0.65813	0.5
0.48806	0.49718	0.5	0.5	0.69388	0.58928
0.4662	0.47887	0	0	0	0
0	0	0	0	0	0
0	0	0	0.34251	0.38419	0.33333
0.49221	0.5	0.43673	0.44525	0.45371	0.49256
0.50246	0.52065	0.44926	0.42026	0.5	0.568
0.42408	0.48947	0.50869	0.5	0.55119	0.44186
0.5904	0.50007	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0.5	0.58964
0.39274	0.58759	0.40882	0.5	0.5	0.44953
0.54141	0.50071	0.51836	0.53847	0.48417	0.49682
0.49749	0.5	0.44972	0.52309	0.48116	0.68176
0.42313	0.50608	0.5	0	0	0
0	0	0	0	0	0
0	0	0	0	0.43324	0.46425
0.46818	0.49221	0.46321	0.5	0.50749	0.5
0.47845	0.52718	0.51542	0.5	0.46143	0.39548
0.56191	0.564	0.61531	0.5	0.55162	0.5
0.5	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0.4913
0.5	0.45369	0.55149	0.44925	0.59919	0.51311
0.45663	0.5	0.50362	0.51964	0.60075	0.54326
0.5	0.45672	0.44566	0.5	0.53702	0.47571
0	0	0	0	0	0

0	0	0	0	0	0	0
0						
gtSp=0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0.5	0.35539	0.42556	0.44371	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	1	0.58921	0.44554	
0.55004	0.44356	0.5	0.50341	0	0	0
0	0	0	0	0	0	
0	0	0	0	0	0	
0	1	1	0.46753	0.65192	0.50471	
0.51767	0.60108	0.65862	0.46207	0.55761		0
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	1	1	1	0.52876	
0.44208	0.54041	0.5981	0.39597	0.5	0.47437	
0.55724	0.5	0	0	0	0	0
0	0	0	0	0	0	
0	0	0	0	0	0	
1	1	1	1	0.5	0.5	
0.50905	0.48464	0.5884	0.5	0.48064		0.5
0.55381	0.52437	0	0	0		0
0	0	0	0	0	0	
0	0	0	0	0	0	
1	1	1	1	1	1	
0.5	0.47899	0.44576	0.49883	0.48529	0.5	
0.48703	0.5	0.50785	0.56215	0	0	0
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	1	1	1	
1	1	1	0.46238	0.544	0.49232	
0.5	0.4325	0.5	0.45079	0.27344	0.45217	
0.55094	0.5	0	0	0	0	0
0	0	0	0	0	0	
0	0	0	0	0	0	
0	1	1	1	1	1	
1	1	0.5	0.49951	0.49871	0.44554	
0.48574	0.5	0.41888	0.5	0.54637	0.54615	
0.53466	0	0	0	0	0	0
0	0	0	0	0	0	
0	0	0	0	0	0	
0	1	1	1	1	1	
1	1	0.52854	0.53734	0.5	0.5	
0.41264	0.45182	0.43282	0.47821	0.5591	0.64855	
0.44695	0	0	0	0	0	0
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	1	1	1	1	
1	1	1	0.66794	0.48782	0.50148	
0.5	0.52245	0.54992	0.52997	0.52013	0.50538	

0.44388	0.4793	0.5	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	1	1	1	1
1	1	1	1	0.3837	0.39185	
0.35745	0.51788	0.5	0.5	0.46871		0.5
0.48019	0.44798	0.48817	0.60546	0		0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	1	1	1
1	1	1	1	1	1	1
1	0.49719	0.45075	0.4855	0.47892	0.40308	
0.5	0.53911	0.65507	0.50713	0.44157	0.42504	
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1	1	1	1	1	1	1
1	1	1	0.47504	0.5	0.33333	
0.32395	0.3835	0.33333	0.34259	0.33333	0.35352	
0.3521	0.33457	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	1	1	1	1	1
1	1	1	1	1	0.52361	
0.3844	0.3351	0.32121	0.37518	0.33999	0.30611	
0.3826	0.35228	0.33731	0.34398	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	1	1	1
1	1	1	1	1	0.41709	
0.4471	0.5	0.34739	0.3757	0.38603	0.26507	
0.32466	0.35601	0.32749	0.30747	0.34696	0.28361	
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1	1	1	1	1	1	1
0.48552	0.52587	0.46391	0.50949	0.50365	0.30446	
0.31064	0.37013	0.32981	0.3143	0.35847	0.38464	
0.27408	0.37679	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	1	1	1	1	1
1	0.64356	0.5	0.34583	0.47502	0.59334	
0.54118	0.35456	0.21908	0.35323	0.35308	0.33333	
0.33333	0.31623	0.33327	0.36755	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	1	1	1
1	0.38275	0.51934	0.47589	0.41057	0.5	
0.50314	0.46225	0.5	0.28012	0.31702	0.36269	
0.35018	0.33949	0.23716	0.35264	0.27657	0.34068	
0	0	0	0	0	0	0

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0.14534
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0.042582
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0.040998
0.040498
0.040102

gtTCs=

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0.11324
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0.10696

gtTCp=

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1.5979
1.1196

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0.43805	0.59325	0.5	0.51134	0.5	0.5
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0.45448	0.37352	1	1	1	1
1	1	0.48264	0.48685	0.45258	0.40954
0.51632	0.55164	0.5	0.37636	0.45842	0.5
0.5	0.5	0.51933	0.5	0.59292	0.46527
0.64568	0.53718	0.56705	0.55396	0.50646	0.5
0.52251	0.52016	0.5	0.43607	0.5	0.5342
0.5	0.5	0.46887	1	1	1
1	1	1	0.5	0.52542	0.56691
0.5	0.49	1	1	0.44825	0.38806
0.5	0.47746	0.57261	0.48428	0.5	0.5
0.45324	0.48089	0.41926	0.49552	0.6145	0.46794
0.42079	0.5	0.5	0.51737	0.47415	0.38507
0.45478	1	1	1	1	1
1	1	1	1	1	0.50355
0.46963	1	1	1	1	0.4956
0.5	0.59328	0.58868	0.72512	0.50914	0.40882
0.6184	0.60852	0.51956	0.56269	0.49008	0.49118
0.49883	0.44935	0.36651	0.53247	0.54966	0.5
1	1	1	1	1	1
1	1	1	1	1	1
1	1	1	1	1	0.54563
0.52684	0.5	0.5	0.5374	0.5	0.42135
0.48462	0.46569	0.47647	0.59543	0.5	0.36757
0.43166	0.5	0.54165	1	1	1
1	1	1	1	1	1
1	1	1	1	1	1
1	1	1	1	0.5	0.51918

0.61844		0.5		0.5	0.59796		1		1
1		1		1	1		1		1
1		1		1	1		1		1
1		0		0	0.51302		0.54543		0.52012
0.50093		0.5		0.52728		0.5	0.53167		1
1		1		1	1		1		1
1		1		1	1		1		1
1		1		0	0		0		0.47601
0.43084		0.50959		0.54618		0.5	0.5		0.53609
0.66279		0.53931		1		1	1		1
1		1		1	1		1		1
1		1		1	1		1		1
0		0		0	0		0.5		0.54893
0.43573		0.58022		0.5	0.49127		0.43026		0.5
0.5		0.49612		1	1		1		1
1		1		1	1		1		1
1		1		1	1		1		1
0		0		0	0		0		0
0.56814		0.45089		0.5	0.51139		0.47999		0.49097
0.61675		0.60157		0.44065	0.50968		1		1
1		1		1	1		1		1
1		1		1	1		1		1
1		1		1	0		0		0
0		0		0	0.5351		0.5		0.4834
0.5		0.44524		0.5	0.5		0.5		0.5
0.44526		0.45735		1	1		1		1
1		1		1	1		1		1
1		1		1	0.42691		0.5		0.4563
1		0		0	0		0		0
0		0		0.49542	0.35381		0.55607		0.27262
0.5		0.47287		0.49911	0.49741		0.5		0.5
0.63289		1		1	1		1		1
1		1		1	1		1		1
0.5		0.5		0.5	0.52071		0.5		0.5
1		0		0	0		0		0
0		0		0.51418	0.51621		0.48077		0.45714
0.5869		0.49745		0.5547	0.47658		0.5		0.52007
0.52723		1		1	1		1		1
1		1		1	1		0.44204		0.45961
0.5		0.5		0.5	0.5		0.51024		0.54203
0.52684		1		0	0		0		0
0		0		0	0.42066		0.51138		0.52247
0.57637		0.53637		0.52626	0.57205		0.48017		0.5
0.50563		0.5696		0.48368	1		1		1
1		1		1	0.5		0.44316		0.56815
0.37333		0.45309		0.41372	0.52732		0.52743		0.59098
0.41031		0.5747		0.5	0		0		0
0		0		0	0		0.49674		0.4963
0.48347		0.5		0.48195	0.61877		0.44825		0.53472
0.4474		0.5		0.5	0.47239		1		1
1		0.52142		0.5	0.4144		0.4642		0.5
0.48043		0.5		0.46357	0.50789		0.58151		0.42443

0.50688	0.5344	0.56188	0.49467	0	0
0	0	0	0	0	0
0	0.57577	0.48629	0.37874	0.5	0.60449
0.49499	0.49113	0.51812	0.5	0.52504	0.49417
0.51925	0.5	0.42385	0.58995	0.5	0.5
0.5	0.61081	0.5	0.5	0.57769	0.5
0.5	0.48147	0.5	0.48453	0.6155	0.3932
0	0	0	0	0	0
0	0	0	0.5	0.50726	0.34404
0.35557	0.38312	0.33333	0.34245	0.33333	0.33902
0.33197	0.35737	0.54083	0.5403	0.46167	0.52781
0.47934	0.31591	0.50714	0.53935	0.56245	0.5
0.5	0.51494	0.47111	0.5026	0.44661	0.5084
0.50222	0.40998	0	0	0	0
0	0	0	0	0	0
0.33477	0.37636	0.35105	0.41553	0.3409	0.35353
0.3798	0.35006	0.34737	0.30681	0.39903	0.50986
0.47468	0.37444	0.49716	0.5	0.55024	0.43025
0.5	0.49396	0.43632	0.50029	0.56265	0.39193
0.52161	0.40032	0.45434	0.49279	0	0
0	0	0	0	0	0
0	0	0.38108	0.32315	0.31889	0.35497
0.33517	0.28396	0.36387	0.31529	0.24581	0.33333
0.5	0.51438	0.5	0.5	0.52401	0.5
0.42276	0.5	0.51667	0.468	0.36234	0.5
0.57658	0.49056	0.53588	0.51196	0.51057	0.37778
0	0	0	0	0	0
0	0	0	0	0	0.25162
0.28169	0.27211	0.42535	0.25157	0.25767	0.31334
0.27068	0.33333	0.52114	0.5719	0.55477	0.53739
0.5	0.5	0.47094	0.5289	0.54597	0.60385
0.46813	0.53935	0.5	0.49283	0.31596	0.43447
0.48044	0.50337	0	0	0	0
0	0	0	0	0	0
0	0.33333	0.40567	0.34543	0.32073	0.33333
0.30723	0.38493	0.48507	0.34225	0.52883	0.48174
0.43512	0.53901	0.3672	0.58998	0.46781	0.41526
0.48414	0.5	0.48412	0.44606	0.5	0.4684
0.42726	0.49816	0.38594	0.5	0	0
0	0	0	0	0	0
0	0	0	0.36474	0.36954	0.43021
0.33333	0.33333	0.33333	0.33642	0.33581	0.32851
0.5	0.5	0.5	0.45503	0.51468	0.63255
0.49981	0.5	0.5	0.5	0.41874	0.5
0.47658	0.5535	0.2718	0.47936	0.5	0.63865
0	0	0	0	0	0
0	0	0	0	0.37962	0.36464
0.35595	0.33333	0.42592	0.40603	0.40034	0.39539
0.33333	0.46879	0.43054	0.64538	0.5	0.54543
0.33236	0.5	0.51307	0.5	0.56453	0.49617
0.54059	0.47555	0.47852	0.5	0.50888	0.50751
0	0	0	0	0	0

0	0	0	0	0	0.33742
0.29737	0.3488	0.26236	0.44425	0.3991	0.35748
0.32847	0.33333	0.50301	0.54284	0.5	0.52511
0.48979	0.5603	0.5	0.44297	0.5	0.47596
0.5	0.62418	0.58668	0.56936	0.57502	0.5
0.5	0	0	0	0	0
0	0	0	0	0	0
0.28013	0.30766	0.3179	0.34676	0.25073	0.38473
0.32283	0.36532	0.55799	0.34289	0.47973	0.5304
0.51611	0.5	0.51426	0.5	0.63369	0.45444
0.5	0.5	0.5	0.63978	0.47096	0.3694
0.5	0.49356	0	0	0	0
0	0	0	0	0	0
0	0.33983	0.35609	0.34074	0.34934	0.31977
0.30423	0.353	0.34822	0.46388	0.40401	0.48083
0.37295	0.46022	0.45251	0.48599	0.48069	0.56143
0.5011	0.56512	0.6406	0.5	0.48644	0.52237
0.46117	0.54675	0	0	0	0
0	0	0	0	0	0
0	0	0.38961	0.34413	0.33333	0.24129
0.33333	0.28238	0.51066	0.47153	0.43544	0.56339
0.43781	0.55362	0.5	0.43984	0.5	0.6038
0.39437	0.45733	0.5	0.52698	0.5	0.52548
0.46533	0.55362	0	0	0	0
0	0	0	0	0	0
0	0	0	0.3503	0.33333	0.3325
0.5543	0.5	0.5	0.46008	0.5	0.44476
0.57671	0.5	0.49661	0.4226	0.5	0.42143
0.55545	0.6376	0.4432	0.5	0.47073	0.51419
0.54552	0.62648	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0.54158	0.5
0.5	0.5	0.48067	0.5	0.40708	0.53473
0.35432	0.46282	0.43295	0.44604	0.49354	0.5
0.47749	0.47984	0.5	0.56393	0.5	0.4658
0.5	0.5	0.53113	0	0	0
0	0	0	0	0	0
0	0	0	0	0.55175	0.61194
0.5	0.52254	0.42739	0.51572	0.5	0.5
0.54676	0.51911	0.58074	0.50448	0.3855	0.53206
0.57921	0.5	0.5	0.48263	0.52585	0.61493
0.54522	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0.5044
0.5	0.40672	0.41132	0.27488	0.49086	0.59118
0.3816	0.39148	0.48044	0.43731	0.50992	0.50882
0.50117	0.55065	0.63349	0.46753	0.45034	0.5
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0.45437
0.47316	0.5	0.5	0.4626	0.5	0.57865
0.51538	0.53431	0.52353	0.40457	0.5	0.63243

0	0	0.5384	0.48351	0.66045	0.49174		
0	0	0	0	0	0		
0	0	0	0	0	0		
0	0	0	1	0.5	0.46882		
0.38156	0.5	0.5	0.40204		0		0
0	0	0	0	0	0		
0	0	0	0	0	0		
0	1	1	0.48698	0.45457	0.47988		
0.49907	0.5	0.47272		0.5	0.46833		0
0	0	0	0	0	0		
0	0	0	0	0	0		
0	0	1	1	1	0.52399		
0.56916	0.49041	0.45382		0.5	0.5	0.46391	
0.33721	0.46069	0		0	0		0
0	0	0	0	0	0		
0	0	0	0	0	0		
1	1	1	1	0.5	0.45107		
0.56427	0.41978	0.5	0.50873	0.56974			0.5
0.5	0.50388	0	0	0			0
0	0	0	0	0	0		
0	0	0	0	0	0		
1	1	1	1	1	1		
0.43186	0.54911	0.5	0.48861	0.52001	0.50903		
0.38325	0.39843	0.55935	0.49032		0		0
0	0	0	0	0	0		
0	0	0	0	0	0		
0	0	0	1	1	1		
1	1	1	0.4649	0.5	0.5166		
0.5	0.55476	0.5	0.5	0.5	0.5		
0.55474	0.54265	0	0	0	0		0
0	0	0	0	0	0		
0	0	0	0	0	0		
0	1	1	1	1	1		
1	1	0.50458	0.64619	0.44393	0.72738		
0.5	0.52713	0.50089	0.50259	0.5	0.5		
0.36711	0	0	0	0	0		0
0	0	0	0	0	0		
0	0	0	0	0	0		
0	1	1	1	1	1		
1	1	0.48582	0.48379	0.51923	0.54286		
0.4131	0.50255	0.4453	0.52342	0.5	0.47993		
0.47277	0	0	0	0	0		0
0	0	0	0	0	0		
0	0	0	0	0	0		
0	0	1	1	1	1		
1	1	1	0.57934	0.48862	0.47753		
0.42363	0.46363	0.47374	0.42795	0.51983			0.5
0.49437	0.4304	0.51632		0	0		0
0	0	0	0	0	0		
0	0	0	0	0	0		
0	0	0	1	1	1		
1	1	1	1	0.50326	0.5037		

0.51653		0.5	0.51805	0.38123	0.55175	0.46528
0.5526		0.5	0.5	0.52761	0	0
0	0		0	0	0	0
0	0		0	0	0	0
0	0		0	0	1	1
1	1		1	1	1	1
1	0.42423	0.51371	0.62126		0.5	0.39551
0.50501	0.50887	0.48188		0.5	0.47496	0.50583
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1	1	1	1	1	1	1
1	1	1		0.5	0.49274	0.34404
0.33102	0.38312	0.33333	0.31511	0.33333	0.33333	0.33902
0.33401	0.35737	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	1	1	1	1	1
1	1	1	1	1		0.5
0.33047	0.24728	0.2979	0.16894	0.3409		0.35353
0.37823	0.3153	0.34737	0.29064		0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	1	1
1	1	1	1	1	1	0.53611
0.5	0.41546	0.38108	0.22331	0.34925		0.28043
0.30141	0.3151	0.33913	0.38206	0.37709		0.33333
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1	1	1	1	1	1	1
0.5	0.5	0.47697	0.47607	0.50161		0.45595
0.31015	0.29828	0.3396	0.37422	0.37117		0.31256
0.36466	0.33333	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	1	1	1	1	1
1	0.49419	0.5	0.46103	0.5		0.5
0.5	0.33333	0.29937	0.34543	0.31086		0.33333
0.338	0.23014	0.27116	0.31549		0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	1	1
1	0.5	0.60482	0.5	0.50544		0.50963
0.621	0.43291	0.44569	0.3565	0.31624		0.21725
0.33333	0.33333	0.33333	0.3704	0.32838		0.35789
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1	0.5	0.67081	0.50519	0.57932		0.45813
0.54023	0.50187	0.49475	0.46	0.37962		0.19459
0.31927	0.33333	0.26844	0.32428	0.19931		0.39539

0.33333		0		0		0		0		0
0		0		0		0		0		0
0		0		0		0		0		0
0	0.59121	0.45949		0.60033		0.47292		0.5125		
0.5	0.5414	0.47914		0.5		0.55875		0.32515		
0.35132	0.30239	0.34927		0.1585		0.25671		0.3277		
0.31632	0.33333			0		0		0		0
0		0		0		0		0		0
0		0		0		0		0		0
0		0.44125		0.50024		0.5		0.49969		
0.54218	0.55528	0.65421		0.3921		0.56232		0.5		
0.35994	0.34617	0.33539		0.30087		0.37464		0.38473		
0.29752	0.26936			0		0		0		0
0		0		0		0		0		0
0		0		0		0		0		0
0		0		0.50986		0.5		0.46395		
0.49324		0.5		0.59605		0.34731		0.43298		0.45537
0.49504	0.32186	0.35864		0.37478		0.31704		0.32736		
0.36077	0.32542	0.30356				0		0		0
0		0		0		0		0		0
0		0		0		0		0		0
0		0		0		0		0.51085		
0.56195	0.40675			0.5		0.48866		0.5		0.5
0.5	0.5	0.25555		0.34413		0.33333		0.34794		
0.33333	0.33218			0		0		0		0
0		0		0		0		0		0
0		0		0		0		0		0
0		0		0		0		0		0
0.5	0.53586	0.47633		0.42624		0.50893		0.56986		
0.42706	0.53864	0.49755		0.3503		0.33333		0.3152		
0		0		0		0		0		0
0		0		0		0		0		0
0		0		0		0		0		0
0		0		0		0		0		0
0		0.51736		0.51315		0.54742		0.59046		
0.48368	0.44836			0.5		0.62364		0		0
0		0		0		0		0		0
0		0		0		0		0		0
0		0		0		0		0		0
0		0		0		0		0		0
0		0		0.5		0.47458		0.43309		
0.5	0.51			0		0		0		0
0		0		0		0		0		0
0		0		0		0		0		0
0		0		0		0		0		0
0		0		0		0		0		0
0		0		0		0		0.49645		
0.53037		0		0		0		0		0
0		0		0		0		0		0
0		0		0		0		0		0
0		0		0		0		0		0
0		0		0		0		0		0

0 0 0 0 0 0
0

gtTCf=

0
0.1908
0.21796
0.19252
0.15724
0.12639
0.10315
0.086848
0.075855
0.068599
0.063857
0.060755
0.058703
0.057315
0.056342
0.055627
0.055072
0.054617

gtTCs=

0
0.11925
0.16824
0.18061
0.17524
0.16239
0.14746
0.13307
0.12035
0.10964
0.10088
0.093851
0.08828
0.08389
0.08044
0.077724
0.075577
0.073866

gtTCp=

0
2.385
1.5979
1.1196
0.8287
0.65143
0.54309
0.47655

0.43538
0.4096
0.39316
0.38239
0.37506
0.36982
0.36585
0.36266
0.35995
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0.29854	0.27512	0.3521	0.28017	0.3573	0.27525	
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0.52769	0.58075	0.52659	0.68847	0.4653	0.5	
0.40165	0.5	0.50882	0.40482	0.52532	0.47202	
0.6903	0.45156	0	0	0	0	
0	0	0	0	0	0.51944	
0.30433	0.32854	0.20833	0.24075	0.27267	0.36221	
0.37778	0.45817	0.31856	0.2381	0.56161	0.5	
0.5	0.5	0.49447	0.5	0.52964	0.38274	
0.49119	0.42443	0.57812	0.51826	0.44593	0.55196	
0.4131	0.56053	0.43445	0.60111	0	0	
0	0	0	0	0	0.65588	
0.40227	0.44886	0.32223	0.2831	0.3373	0.34419	
0.39486	0.33264	0.34658	0.40163	0.43254	0.37701	
0.44873	0.5	0.45647	0.51769	0.5	0.48007	
0.54894	0.5	0.49328	0.52311	0.5	0.5	
0.5	0.50262	0.54524	0.44054	0.5	0.5	
0	0	0	0	0	0	
0.57516	0.5	0.44642	0.5	0.37579	0.402	
0.33333	0.3728	0.44433	0.35932	0.3636	0.31462	
0.34417	0.34195	0.5	0.5	0.5	0.49505	
0.4678	0.47613	0.50011	0.51507	0.46905	0.5	
0.52722	0.43625	0.47377	0.5	0.5	0.43901	
0.48506	0.62908	0	0	0	0	
0	0.47956	0.5	0.44515	0.5	0.44635	
0.41745	0.39977	0.26431	0.33708	0.36251	0.28514	
0.33333	0.22917	0.3461	0.30851	0.5	0.53841	
0.57845	0.5	0.5365	0.5	0.5	0.5	
0.47225	0.5	0.5	0.5	0.5	0.61572	
0.55769	0.67712	0.56563	0.5	0	0	
0	0.5	0.51556	0.54495	0.5	0.47263	
0.5	0.47452	0.5	0.41926	0.39885	0.33333	
0.35132	0.26207	0.33333	0.32259	0.3354	0.34319	
0.47484	0.46894	0.50607	0.42999	0.57022	0.45366	
0.43246	0.46015	0.50721	0.45774	0.48464	0.56637	

0.45892	0.46952	0.61508	0.5	0.45278	0.41483
0	0.55074	0.49193	0.52212	0.44015	0.54196
0.50084	0.5	0.55671	0.48797	0.35072	0.37299
0.3709	0.28055	0.39629	0.32889	0.35687	0.32173
0.32492	0.45386	0.56591	0.5	0.5	0.40351
0.59596	0.5	0.48018	0.5229	0.54747	0.5306
0.5	0.34905	0.53928	0.52684	0.4867	0.54282
1	0.59278	0.47065	0.37917	0.5	0.59238
0.50335	0.5	0.50759	0.40079	0.4753	0.34591
0.36449	0.3321	0.35316	0.35715	0.37676	0.35465
0.30657	0.33333	0.5	0.52138	0.5	0.5
0.50814	0.513	0.44029	0.51548	0.47655	0.61333
0.5997	0.52505	0.46621	0.49104	0.52681	0.43187
0.5	1	0.3993	0.58385	0.5	0.5
0.51231	0.49473	0.49559	0.5005	0.48266	0.45163
0.32744	0.30858	0.33333	0.33333	0.25502	0.34694
0.3601	0.34024	0.5	0.3672	0.42536	0.50864
0.54285	0.5	0.48739	0.494	0.39905	0.5
0.5	0.55941	0.51321	0.51034	0.5	0.45839
0.4053	0.30764	1	0.51046	0.4942	0.54528
0.60941	0.46592	0.5	0.46531	0.39758	0.5
0.50938	0.34996	0.35417	0.30481	0.34405	0.38795
0.34119	0.25646	0.31616	0.51123	0.5	0.64401
0.5	0.51028	0.58241	0.49963	0.5	0.5
0.43992	0.46382	0.57076	0.55419	0.5	0.5885
0.49178	0.50293	1	1	1	0.55408
0.5	0.5	0.54433	0.5	0.235	0.42779
0.41629	0.47565	0.28447	0.3206	0.2971	0.41512
0.2891	0.35868	0.5	0.54837	0.55656	0.5
0.56442	0.5006	0.59129	0.5	0.57247	0.5
0.52299	0.5	0.48784	0.49877	0.5	0.5
0.43786	0.3542	1	1	1	1
0.53272	0.42383	0.52629	0.52857	0.5	0.50433
0.58275	0.34952	0.51688	0.31595	0.37753	0.33333
0.43469	0.43271	0.55883	0.5	0.5107	0.5
0.46456	0.50014	0.48977	0.55374	0.48111	0.47337
0.60512	0.5	0.58313	0.61041	0.5	0.57112
0.5	0.49198	1	1	1	1
1	1	0.46485	0.54541	0.5	0.45087
0.5	0.5	0.44692	0.5	0.47012	0.5
0.46007	0.47739	0.52654	0.5	0.55348	0.5
0.5	0.62869	0.5	0.41924	0.5	0.49283
0.5	0.49512	0.53954	0.4585	0.49646	0.51504
0.5	0.5	0.5	1	1	1
1	1	1	0.48411	0.63255	0.48729
0.52795	0.49201	1	1	0.41219	0.44538
0.51809	0.42539	0.53928	0.53706	0.43083	0.58741
0.51546	0.56815	0.5	0.51972	0.51836	0.5
0.48545	0.47421	0.54391	0.50327	0.45203	0.5
0.50368	1	1	1	1	1
1	1	1	1	1	0.32417
0.43281	1	1	1	1	0.60525

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1	1	1	1	1	1	1
1	1	1	0	0.5	0.48103	
0.5	0.39933	0.50969	0.42464	1		1
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1	1	1	1	1	1	1
1	0	0	0.50798	0.5	0.5	
0.45661	0.42463	0.59304	0.56978	0.5		1
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1	1	1	1	1	1	1
1	1	0	0	0	0.50189	
0.43858	0.55686	0.58082		0.5	0.44961	0.5
0.66753	0.34599	1		1	1	1
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1	1	1	1	1	1	1
0	0	0	0	0.57639	0.51809	
0.5	0.45066	0.45921	0.4581	0.5	0.53426	
0.5	0.5	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
0	0	0	0	0	0	0
0.46425	0.70018	0.62809	0.54496		0.5	0.45482
0.5	0.57384	0.59503	0.43233	1		1
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1	1	1	1	1	1	1
1	1	1	0	0	0	0
0	0	0	0.48318	0.46694	0.5	
0.5	0.52561	0.39751	0.4992	0.51748	0.32872	
0.53023	0.50952	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	0.5	0.5	0.52326	
1	0	0	0	0	0	0
0	0	0.5	0.5	0.43352	0.56423	
0.5115	0.49197	0.46769	0.42148	0.37958		0.5
0.52738	1	1	1	1	1	1
1	1	1	1	1	1	1
0.51144	0.48448	0.50574	0.60107	0.5	0.4816	
1	0	0	0	0	0	0
0	0	0.56521	0.65015	0.46595	0.50583	
0.47803	0.37537	0.63423	0.55169	0.47406		0.5
0.51319	1	1	1	1	1	1
1	1	1	1	0.44862	0.59074	
0.46541	0.5	0.43734	0.5	0.50352	0.48148	

0.4298	1	0	0	0	0	0
0	0	0	0.509	0.5	0.47893	
0.46145	0.5	0.5	0.46326	0.49664	0.43174	
0.49153	0.43516	0.5	1	1	1	
1	1	1	0.37498	0.5	0.5	
0.47108	0.5	0.42703	0.5	0.5	0.5	
0.58198	0.51973	0.49826	0	0	0	
0	0	0	0	0.5	0.55985	
0.50363	0.41301	0.40064	0.52475	0.51306	0.49246	
0.46467	0.49077	0.68977	0.5484	1	1	
1	0.5	0.5	0.44902	0.56752	0.60618	
0.48779	0.53594	0.5	0.47389	0.60496	0.5	
0.5	0.5	0.5	0.5	0	0	
0	0	0	0	0	0	
0	0.50717	0.46015	0.5	0.49971	0.5	
0.61647	0.41448	0.47219	0.49796	0.55853	0.49081	
0.55105	0.46926	0.46183	0.5	0.5	0.5	
0.49431	0.45626	0.43755	0.61257	0.6092	0.48416	
0.5	0.5129	0.49971	0.50928	0.46385	0.4674	
0	0	0	0	0	0	
0	0	0	0.5	0.5	0.32817	
0.35073	0.37967	0.38181	0.33378	0.35466	0.3814	
0.33333	0.33333	0.5	0.38256	0.57059	0.5	
0.47231	0.41925	0.47341	0.31153	0.5347	0.5	
0.59835	0.5	0.49118	0.59518	0.47468	0.52798	
0.3097	0.54844	0	0	0	0	
0	0	0	0	0	0	
0.3574	0.27652	0.34281	0.34644	0.40103	0.27557	
0.37778	0.25239	0.34072	0.35777	0.43839	0.5	
0.5	0.5	0.50553	0.5	0.47036	0.61726	
0.50881	0.57557	0.42188	0.48174	0.55407	0.44804	
0.5869	0.43947	0.56555	0.39889	0	0	
0	0	0	0	0	0	
0	0	0.33889	0.47826	0.3254	0.31161	
0.21029	0.33449	0.30683	0.40163	0.34303	0.30196	
0.55127	0.5	0.54353	0.48231	0.5	0.51993	
0.45106	0.5	0.50672	0.47689	0.5	0.5	
0.5	0.49738	0.45476	0.55946	0.5	0.5	
0	0	0	0	0	0	
0	0	0	0	0	0.17972	
0.33333	0.3728	0.22265	0.3474	0.3636	0.34135	
0.34417	0.33504	0.5	0.5	0.5	0.50495	
0.5322	0.52387	0.49989	0.48493	0.53095	0.5	
0.47278	0.56375	0.52623	0.5	0.5	0.56099	
0.51494	0.37092	0	0	0	0	
0	0	0	0	0	0	
0	0.39883	0.39092	0.32584	0.33788	0.35743	
0.33333	0.34083	0.292	0.34574	0.5	0.46159	
0.42155	0.5	0.4635	0.5	0.5	0.5	
0.52775	0.5	0.5	0.5	0.5	0.38428	
0.44231	0.32288	0.43437	0.5	0	0	
0	0	0	0	0	0	

0	0	0	0.2216	0.22627	0.33333	
0.27127	0.40974	0.33333	0.33367	0.30046	0.31969	
0.52516	0.53106	0.49393	0.57001	0.42978	0.54634	
0.56754	0.53985	0.49279	0.54226	0.51536	0.43363	
0.54108	0.53048	0.38492	0.5	0.54722	0.58517	
0	0	0	0	0	0	
0	0	0	0	0.27275	0.25402	
0.35747	0.35972	0.318	0.36016	0.35687	0.37578	
0.33754	0.54614	0.43409	0.5	0.5	0.59649	
0.40404	0.5	0.51982	0.4771	0.45253	0.4694	
0.5	0.65095	0.46072	0.47316	0.5133	0.45718	
0	0	0	0	0	0	
0	0	0	0	0	0.34591	
0.27102	0.40117	0.29367	0.35958	0.28479	0.2907	
0.32203	0.33333	0.5	0.47862	0.5	0.5	
0.49186	0.487	0.55971	0.48452	0.52345	0.38667	
0.4003	0.47495	0.53379	0.50896	0.47319	0.56813	
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0	0	0	0	0	0	
0.3519	0.33492	0.33333	0.33333	0.38539	0.2797	
0.33549	0.33974	0.5	0.6328	0.57464	0.49136	
0.45715	0.5	0.51261	0.506	0.60095	0.5	
0.5	0.44059	0.48679	0.48966	0.5	0.54161	
0.5947	0.69236	0	0	0	0	
0	0	0	0	0	0	
0	0.36364	0.29166	0.39875	0.31191	0.26341	
0.31763	0.36718	0.3494	0.48877	0.5	0.35599	
0.5	0.48972	0.41759	0.50037	0.5	0.5	
0.56008	0.53618	0.42924	0.44581	0.5	0.4115	
0.50822	0.49707	0	0	0	0	
0	0	0	0	0	0	
0	0	0.38354	0.38831	0.35145	0.23017	
0.33139	0.24864	0.5	0.45163	0.44344	0.5	
0.43558	0.4994	0.40871	0.5	0.42753	0.5	
0.47701	0.5	0.51216	0.50123	0.5	0.5	
0.56214	0.6458	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0.36774	0.3586	0.33333	
0.56531	0.56729	0.44117	0.5	0.4893	0.5	
0.53544	0.49986	0.51023	0.44626	0.51889	0.52663	
0.39488	0.5	0.41687	0.38959	0.5	0.42888	
0.5	0.50802	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0.52988	0.5	
0.53993	0.52261	0.47346	0.5	0.44652	0.5	
0.5	0.37131	0.5	0.58076	0.5	0.50717	
0.5	0.50488	0.46046	0.5415	0.50354	0.48496	
0.5	0.5	0.5	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0.58781	0.55462	
0.48191	0.57461	0.46072	0.46294	0.56917	0.41259	
0.48454	0.43185	0.5	0.48028	0.48164	0.5	

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gtSp=0	0	0	0	0	0	0	0
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0	0	0.42821	0.55234	0.42443	0.49331	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	1	0.5	0.51897	0	0
0.5	0.60067	0.49031	0.57536	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	1	1	0.49202	0.5	0.5	0	0
0.54339	0.57537	0.40696	0.43022	0.5	0.5	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	1	1	1	0.49811	0	0
0.56142	0.44314	0.41918	0.5	0.55039	0.5	0.5	0.5
0.33247	0.65401	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
1	1	1	1	0.42361	0.48191	0	0
0.5	0.54934	0.54079	0.5419	0.5	0.46574	0	0
0.5	0.5	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1
0.53575	0.29982	0.37191	0.45504	0.5	0.54518	0	0
0.5	0.42616	0.40497	0.56767	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	1	1	1	1	1
1	1	1	0.51682	0.53306	0.5	0.5	0.5
0.5	0.47439	0.60249	0.5008	0.48252	0.67128	0	0
0.46977	0.49048	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	1	1	1	1	1	1	1
1	1	0.5	0.5	0.56648	0.43577	0	0
0.4885	0.50803	0.53231	0.57852	0.62042	0.5	0.5	0.5
0.47262	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
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1	1	0.43479	0.34985	0.53405	0.49417	0	0

0.52197	0.62463	0.36577	0.44831	0.52594	0.5
0.48681	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	1	1	1	1
1	1	1	0.491	0.5	0.52107
0.53855	0.5	0.5	0.53674	0.50336	0.56826
0.50847	0.56484	0.5	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	1	1	1
1	1	1	1	0.5	0.44015
0.49637	0.58699	0.59936	0.47525	0.48694	0.50754
0.53533	0.50923	0.31023	0.4516	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	1	1
1	1	1	1	1	1
1	0.49283	0.53985	0.5	0.50029	0.5
0.38353	0.58552	0.52781	0.50204	0.44147	0.50919
0	0	0	0	0	0
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0	0	0	0	0	0
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1	1	1	0.5	0.5	0.31931
0.35073	0.34521	0.26609	0.38605	0.28804	0.34335
0.33333	0.33333	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	1	1	1	1
1	1	1	1	1	0.48056
0.33827	0.39494	0.44886	0.41281	0.3263	0.36221
0.24444	0.28944	0.34072	0.40412	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	1	1
1	1	1	1	1	0.34412
0.59773	0.55114	0.33889	0.23864	0.3373	0.34419
0.39486	0.33287	0.34658	0.19674	0.22444	0.32103
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
1	1	1	1	1	1
0.42484	0.5	0.55358	0.5	0.62421	0.41828
0.33333	0.25439	0.33302	0.29328	0.27279	0.34403
0.31165	0.323	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	1	1	1	1
1	0.52044	0.5	0.55485	0.5	0.55365
0.58255	0.2014	0.34477	0.33708	0.29961	0.35743
0.33333	0.43	0.3619	0.34574	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	1	1
1	0.5	0.48444	0.45505	0.5	0.52737	
0.5	0.52548	0.5	0.35914	0.37487	0.33333	
0.37741	0.32819	0.33333	0.34374	0.36414	0.33711	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
1	0.44926	0.50807	0.47788	0.55985	0.45804	
0.49916	0.5	0.44329	0.51203	0.37653	0.37299	
0.27163	0.35972	0.28571	0.31095	0.28626	0.30249	
0.33754	0	0	0	0	0	0
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0.40722	0.52935	0.62083	0.5	0.40762	
0.49665	0.5	0.49241	0.59921	0.5247	0.30818	
0.36449	0.26674	0.35316	0.28326	0.33845	0.35465	
0.3714	0.33333	0	0	0	0	
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0	0	0	0	0	0	
0	0	0.6007	0.41615	0.5	0.5	
0.48769	0.50527	0.50441	0.4995	0.51734	0.54837	
0.32065	0.35649	0.33333	0.33333	0.35959	0.37337	
0.3044	0.32002	0	0	0	0	
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0	0	0	0.48954	0.5058	0.45472	
0.39059	0.53408	0.5	0.53469	0.60242	0.5	
0.49062	0.2864	0.35417	0.29644	0.34405	0.34864	
0.34119	0.37636	0.33444	0	0	0	
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0.58371	0.52435	0.33199	0.2911	0.35145	0.35472	
0.3795	0.39268	0	0	0	0	0
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0.46728	0.57617	0.47371	0.47143	0.5	0.49567	
0.41725	0.65048	0.48312	0.31631	0.26387	0.33333	
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0.060755
0.058703
0.057315
0.056342
0.055627
0.055072
0.054617

gtTCs=

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0.18061
0.17524
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0.13307
0.12035
0.10964
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0.08828
0.08389
0.08044
0.077724
0.075577

0.073866

gtTCp=

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0	0	0	0	0	0
0	0	0	0	0	0
0.57881	0.51336	0.42939	0.57541	0.5	0.55421
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0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0.4767	0.50079
0.41104	0.38479	0.42177	0.5	0.55974	0.50352
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0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0.56406	0.53283	0.5
0.48297	0.5	0.45429	0.4858	0.56454	0.5
0.56337	0.40733	0.49109	0	0	0
0	0	0	0	0	0
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0	0	0	0	0	0
0	0.44897	0.53232	0.5	0.50497	0.48089
0.5	0.51257	0.44985	0.5	0.49714	0.3338
0.44323	0.4609	0.53272	0.5	0	0
0	0	0	0	0	0
0	0	0	0	0	0
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0.5	0.5	0.50193	0.51604	0.5177	0.45952
0.47932	0.5	0.63894	0.5	0.46975	0.45144
0.53304	0.5	0.44663	0.46347	0.5137	0.45307
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0.27299	0.43874	0.30226	0.34565	0.44239	0.36919
0.30668	0.39207	0.48305	0.46617	0.5	0.41237
0.51843	0.48967	0.57239	0.54924	0.46116	0.54628
0.5	0.49919	0.47754	0.59041	0.5	0.50451
0.52049	0.49502	0	0	0	0
0	0	0	0	0	0.47402
0.33946	0.36903	0.34518	0.28355	0.36868	0.30734
0.34947	0.42964	0.35716	0.29763	0.66614	0.5
0.51069	0.33944	0.46533	0.53571	0.45924	0.5
0.53825	0.52015	0.56145	0.5	0.5	0.5119
0.63154	0.49162	0.50092	0.5	0	0
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0.53147	0.5	0.25004	0.33707	0.33333	0.3877
0.34906	0.31211	0.33333	0.35958	0.34543	0.33333
0.53581	0.5	0.38387	0.47272	0.5	0.38824
0.64228	0.53706	0.4636	0.51172	0.5	0.52459
0.5	0.36992	0.5	0.40303	0.5	0.66756
0	0	0	0	0	0

0.53126	0.49431	0.4311	0.34748	0.65797	0.28021
0.41276	0.36854	0.28822	0.34889	0.34276	0.41233
0.34006	0.3498	0.41871	0.50211	0.51855	0.49569
0.43912	0.4234	0.54855	0.5	0.48246	0.5273
0.55264	0.55824	0.53179	0.41852	0.50032	0.57922
0.61957	0.48105	0	0	0	0
0	0.53892	0.57155	0.47727	0.48852	0.52621
0.61699	0.34878	0.23424	0.30279	0.43985	0.30944
0.27984	0.24786	0.3734	0.40409	0.43496	0.45817
0.57773	0.62026	0.50049	0.56901	0.5	0.5
0.49816	0.49851	0.47004	0.49296	0.44032	0.54352
0.48188	0.56202	0.5	0.51853	0	0
0	0.60349	0.45227	0.39667	0.54399	0.43934
0.51153	0.48209	0.43489	0.27637	0.33333	0.2939
0.36224	0.33333	0.30543	0.33625	0.17886	0.33333
0.4842	0.51438	0.56569	0.42995	0.5	0.54304
0.49133	0.5	0.50593	0.48511	0.51408	0.41794
0.4867	0.5	0.5	0.50257	0.53635	0.42281
0	0.62502	0.54481	0.6091	0.55089	0.5
0.5	0.56623	0.5	0.50327	0.33573	0.38978
0.35067	0.42271	0.34831	0.3617	0.37373	0.29418
0.25831	0.47304	0.42288	0.4648	0.5	0.4897
0.46598	0.54841	0.55013	0.36088	0.52576	0.57065
0.5	0.48399	0.33431	0.5	0.43824	0.4483
1	0.51686	0.5	0.59695	0.5	0.48164
0.54454	0.46839	0.61468	0.5	0.5	0.35268
0.35151	0.27503	0.36585	0.33333	0.40798	0.27008
0.23351	0.30773	0.54964	0.59925	0.55704	0.5
0.5	0.5	0.43411	0.50519	0.46481	0.5248
0.58445	0.5	0.5	0.59671	0.51852	0.45119
0.54907	1	0.48833	0.48616	0.56067	0.43642
0.6233	0.51801	0.5	0.3462	0.47847	0.51542
0.33333	0.33333	0.36386	0.37158	0.33333	0.30878
0.33844	0.33333	0.5017	0.5	0.45711	0.53792
0.41637	0.50872	0.5	0.4761	0.52139	0.49768
0.5	0.49307	0.52748	0.51266	0.5	0.621
0.55382	0.49821	1	0.51985	0.59808	0.48053
0.5325	0.5	0.4472	0.62067	0.44874	0.51404
0.48935	0.35903	0.34209	0.27337	0.24001	0.24309
0.25814	0.34881	0.33333	0.50917	0.5353	0.24543
0.5	0.41794	0.5	0.66826	0.44077	0.43092
0.41054	0.5	0.42161	0.5513	0.50409	0.39835
0.5084	0.5	1	1	1	0.4913
0.50037	0.61299	0.5	0.50202	0.5	0.50864
0.43711	0.50108	0.33648	0.33333	0.35966	0.36913
0.37278	0.26348	0.5	0.47864	0.44309	0.54612
0.4505	0.52749	0.46049	0.5	0.387	0.4629
0.62192	0.5	0.5	0.48919	0.49819	0.41716
0.5	0.50568	1	1	1	1
0.5	0.54713	0.5	0.567	0.52255	0.41846
0.44383	0.5	0.7269	0.33333	0.34346	0.34963
0.5712	0.41812	0.5	0.36997	0.5	0.5257

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0.5	0.518	0.5254	0.4666	0.35561	0.50185		
0.47851	0.5		1	1	1		1
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1	1	1	0.53225	0.51471	0.5		
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0	0	0.5	0.46865	0.5	0.44082		
0.5353	0.52344		0.5	0.69945	0.51903		0.5
0.53572	1		1	1	1		1
1	1	1	1	1	1		1
0.42119	0.48664	0.57061	0.42459		0.5	0.44579	
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0	0	0.52921	0.4285	0.55817	0.43824		
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0.56713	1		1	1	1		1
1	1	1	1	0.5233	0.49921		
0.58896	0.61521	0.57823		0.5	0.44026	0.49648	
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0	0	0	0.51584	0.48743	0.51845		
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0.5	0.5	0.52454		1	1		1
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0.51703	0.5	0.54571	0.5142	0.43546			0.5
0.43663	0.59267	0.50891		0	0		0
0	0	0		0.5	0.54062		
0.5	0.50567	0.52332	0.54486	0.5	0.34624		
0.5802	0.5	0.5	0.52885		1		1
1	0.55103	0.46768	0.5	0.49503	0.51911		
0.5	0.48743	0.55015	0.5	0.50286	0.6662		
0.55677	0.5391	0.46728		0.5	0		0
0	0	0	0	0	0		
0	0.45536	0.51206	0.5	0.5456	0.63177		
0.49803	0.41205	0.43748	0.7112	0.54568	0.47678		
0.5	0.5	0.49807	0.48396	0.4823	0.54048		
0.52068	0.5	0.36106	0.5	0.53025	0.54856		
0.46696	0.5	0.55337	0.53653	0.4863	0.54693		
0	0	0	0	0	0		
0	0	0	0.55176	0.51763	0.35209		
0.31969	0.31386	0.35042	0.3087	0.23911	0.26162		
0.34355	0.25663	0.51695	0.53383	0.5	0.58763		
0.48157	0.51033	0.42761	0.45076	0.53884	0.45372		
0.5	0.50081	0.52246	0.40959	0.5	0.49549		
0.47951	0.50498	0	0	0	0		0
0	0	0	0	0	0		
0.33946	0.36766	0.32789	0.3439	0.33387	0.34633		
0.34947	0.2095	0.35716	0.35119	0.33386	0.5		
0.48931	0.66056	0.53467	0.46429	0.54076	0.5		
0.46175	0.47985	0.43855	0.5	0.5	0.4881		
0.36846	0.50838	0.49908	0.5	0	0		
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0.27322	0.34394	0.33333	0.32068	0.37877	0.33333		

0.46419	0.5	0.61613	0.52728	0.5	0.61176
0.35772	0.46294	0.5364	0.48828	0.5	0.47541
0.5	0.63008	0.5	0.59697	0.5	0.33244
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0.31988	0.36631	0.58129	0.49789	0.48145	0.50431
0.56088	0.5766	0.45145	0.5	0.51754	0.4727
0.44736	0.44176	0.46821	0.58148	0.49968	0.42078
0.38043	0.51895	0	0	0	0
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0	0.34878	0.38948	0.3088	0.28396	0.38214
0.38514	0.34417	0.24842	0.222	0.56504	0.54183
0.42227	0.37974	0.49951	0.43099	0.5	0.5
0.50184	0.50149	0.52996	0.50704	0.55968	0.45648
0.51812	0.43798	0.5	0.48147	0	0
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0	0	0	0.36182	0.33333	0.35305
0.4565	0.33333	0.38981	0.32751	0.41057	0.33333
0.5158	0.48562	0.43431	0.57005	0.5	0.45696
0.50867	0.5	0.49407	0.51489	0.48592	0.58206
0.5133	0.5	0.5	0.49743	0.46365	0.57719
0	0	0	0	0	0
0	0	0	0	0.33573	0.38098
0.29866	0.2583	0.34831	0.34788	0.37373	0.35291
0.41492	0.52696	0.57712	0.5352	0.5	0.5103
0.53402	0.45159	0.44987	0.63912	0.47424	0.42935
0.5	0.51601	0.66569	0.5	0.56176	0.5517
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0	0	0	0	0	0.35268
0.35151	0.36249	0.22632	0.33333	0.38164	0.33909
0.38325	0.35742	0.45036	0.40075	0.44296	0.5
0.5	0.5	0.56589	0.49481	0.53519	0.4752
0.41555	0.5	0.5	0.40329	0.48148	0.54881
0.45093	0	0	0	0	0
0	0	0	0	0	0
0.33333	0.33333	0.33789	0.3766	0.33333	0.34307
0.36433	0.33333	0.4983	0.5	0.54289	0.46208
0.58363	0.49128	0.5	0.5239	0.47861	0.50232
0.5	0.50693	0.47252	0.48734	0.5	0.379
0.44618	0.50179	0	0	0	0
0	0	0	0	0	0
0	0.28195	0.31582	0.34199	0.38	0.35792
0.35755	0.30238	0.33333	0.49083	0.4647	0.75457
0.5	0.58206	0.5	0.33174	0.55923	0.56908
0.58946	0.5	0.57839	0.4487	0.49591	0.60165
0.4916	0.5	0	0	0	0
0	0	0	0	0	0
0	0	0.33648	0.33333	0.38263	0.29574
0.30292	0.36826	0.5	0.52136	0.55691	0.45388
0.5495	0.47251	0.53951	0.5	0.613	0.5371
0.37808	0.5	0.5	0.51081	0.50181	0.58284

0.5	0.5	0.58912	0.50294	0	0
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0.5	0.482	0.4746	0.5334	0.64439	0.49815
0.52149	0.5	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	1	1	1	1	1
1	1	0.5	0.53135	0.5	0.55918
0.4647	0.47656	0.5	0.30055	0.48097	0.5
0.46428	0	0	0	0	0
0	0	0	0	0	0
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1	1	0.47079	0.5715	0.44183	0.56176
0.5	0.5	0.49844	0.5	0.48182	0.49572
0.43287	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	1	1	1	1
1	1	1	0.48416	0.51257	0.48155
0.5	0.50716	0.52895	0.5	0.52746	0.51789
0.5	0.5	0.47546	0	0	0
0	0	0	0	0	0
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0	0	0	1	1	1
1	1	1	1	0.5	0.45938
0.5	0.49433	0.47668	0.45514	0.5	0.65376
0.4198	0.5	0.5	0.47115	0	0
0	0	0	0	0	0
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1	0.54464	0.48794	0.5	0.4544	0.36823
0.50197	0.58795	0.56252	0.2888	0.45432	0.52322
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1	1	1	0.44824	0.48237	0.35209
0.40732	0.24741	0.34732	0.34565	0.3185	0.36919
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0	0	0	0	0	0
0	0	1	1	1	1
1	1	1	1	1	0.52598
0.32108	0.26332	0.32693	0.37254	0.29745	0.34633
0.30107	0.36086	0.28567	0.35119	0	0
0	0	0	0	0	0
0	0	0	0	0	0

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0.46853	0.5	0.41525	0.42596	0.33333	0.3877
0.37772	0.34394	0.33333	0.31974	0.2758	0.33333
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
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0.46874	0.50569	0.5689	0.65252	0.34203	0.35329
0.27346	0.18427	0.3665	0.41774	0.35341	0.26943
0.34006	0.28389	0	0	0	0
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0	0	1	1	1	1
1	0.46108	0.42845	0.52273	0.51148	0.47379
0.38301	0.30244	0.37629	0.38841	0.27619	0.30842
0.33503	0.40796	0.37818	0.37391	0	0
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1	0.39651	0.54773	0.60333	0.45601	0.56066
0.48847	0.51791	0.56511	0.36182	0.33333	0.35305
0.18126	0.33333	0.30476	0.33625	0.41057	0.33333
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1	0.37498	0.45519	0.3909	0.44911	0.5
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0.35067	0.31899	0.30337	0.29042	0.25254	0.35291
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0	0.48314	0.5	0.40305	0.5	0.51836
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0.29698	0.36249	0.40783	0.33333	0.21038	0.39082
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